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Addendum 1.1: Notification of submission of article to Pythagorus

Dear Prof Dr Seugnet Blignaut

Ref. No.: 232

Title: Technological Pedagogical Content Knowledge in South African Mathematics classrooms

Journal: Pythagoras. We confirm and thank you for submitting your manuscript. Please use the manuscript reference number given above in all future correspondence. With the online journal management system that we are using, you will be able to track progress of the manuscript through the editorial process by logging into the journal's website:

Addendum 2.1: Dairy of the Systematic Search Process

Number of search	Date of search	Database	Keywords	Hits
1	24 May 2012	ISI web of knowledge Science Direct Scopus Google scholar	(teacher* or educator*) and (educat* or learn* or develop*) and math* and (ict or "educational technol*" or odl)	Science direct 68; ebscho host =3590; google scholar 38
2	24 May 2012	ProQuest	(teacher* or educator*) and (educat* or learn* or develop*) and math* and (ict or "educational technol*" or odl)	
3	25 May 2012	ISI web of Knowledge	(teacher* or educator*) and (educat* or learn* or develop*) and math* and (ict or "educational technol*" or odl)	
4		Scopus	(teacher* or educator*) and (educat* or learn* or develop*) and math* and (ict or "educational technol*" or odl)	
5		ISI web of knowledge	(teacher* or educator*) and (educat* or learn* or develop*) and math* and ((ict or "information and communication technol*") or "educational technol*" or (odl or "open distance learning" or "distance learning"))	
6		Scopus	(teacher* or educator*) and (educat* or learn* or develop*) and math* and ((ict or "information and communication technol*") or "educational technol*" or (odl or "open distance learning" or "distance learning"))	
7		ISI web of knowledge	((**teacher*** OR **educator***) AND (**educat*** OR **learn*** OR **develop***) AND (**ict** OR **"educational technol*"** OR **odl SCOPUs**	
8		Scopus	((**teacher*** OR **educator***) AND (**educat*** OR **learn*** OR **develop***) AND (**ict** OR **"educational technol*"** OR **odl SCOPUs**	
9	26 May 2012	ISI web of knowledge	(teacher* or educator*) and (educat* or learn* or develop*) and math* and (ict or educational technol*)	
10		ISI web of knowledge	((teacher* or educator*) and (educat* or learn* or develop*) and (ict or "educational technol*") and (distance learning* or “odl*”))	
11		ISI web of knowledge	((teacher* or educator*) and (profession* or develop*) and (ict or "educational technol*") and (distance learning* or “odl*”))	
12		ISI web of knowledge	((teacher* or educator*) and (profession* or develop*) and math* and(ict or "educational technol*") and (distance learning* or “odl*”))	One result
13	31 May 2012	Scopus	((profession* or develop*) and (teacher* or “math teacher*”) and (ict or "educational technol*") and (distance learning* or “open distance learning*”))	24
14	4 July	Ebschohost	((profession* or develop*) and (teacher* or “math teacher*”) and (ict or "educational technol*") and (distance learning* or “open distance learning*”))	5
15		NWU catalogue	Hand searching for grey literature	7 printed books
16	16 July 2012	Nexus database (NRF)	tiw=(education or onderwys) and (wiskunde en mathematics*) and (ict or information adj communication or ikt or inligtingskommunikasie* or profession* or open or distance or afstand)	4
17			Tiw=(education or onderwys) and (wiskunde or mathematic* or ict or information adj communication or ikt or inligtingskommunikasie*) and (profession* or open or distance or afstand*)	4
18		SA Cat (Sabinet	Tiw=(education or onderwys) and (wiskunde or mathematic* or ict or	Two monographs: a thesis

Addendum 2.1: Dairy of the Systematic Search Process

Number of search	Date of search	Database	Keywords	Hits
		Online)	information adj communication or ikt or inligtingskommunikasie*) and (profession* or open or distance or afstand*)	ICMI study
19	8 September 2012	SA e-Publications		5
20			Policies	

Addendum 2.2 First Selection of Documents for Review Process

No	Author	Title	Year Published	Link	Relevance		Professional Development	ICT	Mathematics/teacher	ODL/DL	Reason for exclusion
					Yes	No					
1	Hennessy, S; Ruthven, K; Brindley, S	Teacher perspectives on integrating ICT into subject teaching: commitment, constraints, caution, and change	2005								
2	Sutherland, R; Armstrong, V; Barnes, S; Brawn, R; Breeze, N; Gall, M; Matthewman, S; Olivero, F; Taylor, A; Triggs, P; Wishart, J; John, P	Transforming teaching and learning: embedding ICT into everyday classroom practices	2004								
3	Ruthven, K; Hennessy, S; Brindley, S	Teacher representations of the successful use of computer-based tools and resources in secondary-school English, mathematics and science	2004								
4	Kurt S.	Examining teachers' use of computer-based technologies: A case study	2012								
5	Thorvaldsen S., Vavik L., Salomon G.	The Use of ICT Tools in Mathematics: A Case-control Study of Best Practice in 9 th Grade Classrooms	2012								
6	Martinovic D., Zhang Z.	Situating ICT in the teacher education program: Overcoming challenges, fulfilling expectations	2012								
7	Tasir Z., Abour K.M.E.A., Halim N.D.A., Harun J.	Relationship between teachers' ICT competency, confidence level, and satisfaction toward ICT training programmes: A case study among postgraduate students	2012								
8	Cegarra-Navarro J.-G., Rodriguez F.J.C.	Factors affecting the use of an E-learning portal at university	2012								
9	Metin M., Kaleli Yilmaz G., Coskun K., Birisci S.	Developing an attitude scale towards using instructional technologies for pre-service teachers	2012								
10	Aytekin I., Abdulaziz F.A., Barakat H.H., Abdurrahman M.S.	Effectiveness of instructional design model (Isman - 2011) in developing the planning teaching skills of teachers college students' at King Saud University	2012								
11	Agyei D.D., Voogt J.	ICT use in the teaching of mathematics: Implications for professional development of pre-service teachers in Ghana	2011								
12	Kilicman A., Hassan M.A., Husain S.K.S.	Teaching and learning using mathematics software "the new challenge"	2011								
13	Bagci H., Coklar A.N.	Roles assigned by prospective teachers to themselves in terms of use of educational technology: A metaphor study	2010								
14	Campbell C., Martin D.	Interactive whiteboards and the first year experience: Integrating IWBs into pre-service teacher education	2010								
15	Cencic M., Cotic M., Udovic V.M.	Changes in the instruction and in teachers' competences for the use of information communication technology	2010								
16	Carneiro R.F., Passos C.L.B.	The conceptions of early-career mathematics teachers regarding contributions of their education for the use of information and communication technology									
17	Chaamwe N.	Integrating ICTs in the teaching and learning of mathematics: An overview	2010								
18	Yelland N., Kilderry A.	Becoming numerate with information and communications technologies in the twenty-first century	2010								
19	Hartsell T., Herron S.S., Fang H., Rathod A.	Improving teachers' self-confidence in learning technology skills and math education through professional development	2010								
20	Uyangor S.M., Karaca D.	The attitudes of the prospective mathematics teachers towards instructional technologies and material development course	2010								
21	Marshall G.	A trio of evaluation and assessment models from pre ICT innovations: Lessons from the past	2010								
22	Slettenhaar H.K., Kommers P.A.M.	An adaptive teacher in an ever-changing ICT society	2010								
23	Jones A.	Pedagogy and e-learning: is the cart before the horse?	2010								
24	Len R.D., Encinas A.H., Vaquero J.M., Dios A.Q., Ruiz I.V.	Evaluation of teaching and learning mathematics with online activities	2009								
25	Knights C.	The perceived impact of ICT on mathematical learning by mathematics teachers in the UK	2009								
26	Viseu F., Da Ponte J.P.	Development of didactical knowledge of the mathematics teacher supported by ICT	2009								
27	Pelgrum W.J., Voogt J.	School and teacher factors associated with frequency of ICT use by mathematics teachers: Country comparisons	2009								
28	Law N.	Mathematics and science teachers' pedagogical orientations and their use of ICT in teaching	2009								
29	Holmes K.	Planning to teach with digital tools: Introducing the interactive whiteboard to pre-service secondary mathematics teachers	2009								
30	Frid S., Smith M., Sparrow L., Trinidad S.	Innovations in a pre-service teacher education programme	2009								
31	Zakaria E., Daud M.Y.	Assesing mathematics teachers' professional development needs	2009								
32	Mushayikwa E., Lubben F.	Self-directed professional development - Hope for teachers working in deprived environments?	2009								
33	Davis N., Preston C., Sahin I.	ICT teacher training: Evidence for multilevel evaluation from a national initiative	2009								
34	Trigueros M., Sacristan A.I.	Teachers' practice and students' learning in the Mexican programme for teaching mathematics with technology	2008								
35	Wu H.-K., Hsu Y.-S., Hwang F.-K.	Factors affecting teachers' adoption of technology in classrooms: Does school size matter?	2008								
36	Peciuliauskiene P., Barkauskaite M.	Would-be teachers' competence in applying ICT: Exposition and preconditions for development	2007								
37	Lyons T.	The professional development, resource and support needs of rural and urban ICT teachers	2007								
38	Ottevanger W., van den Akker J., de Feiter L.	Developing science, mathematics, and ICT education in Sub-Saharan Africa: Patterns and promising practices	2007								
39	Cornu B.	New media and open and distance learning: New challenges for education in a knowledge society	2007								
40	Pow J.	ICT teaching experience sharing in higher education: An education development approach	2006								
41	Sutherland R., Armstrong V., Barnes S., Brawn R., Breeze N., Gall M., Matthewman S., Olivero F., Taylor A., Triggs P., Wishart J., John P.	Transforming teaching and learning: Embedding ICT into everyday classroom practices	2005								
42	Bottino, Rosa Maria; Robotti, Elisabetta	Transforming classroom teaching & learning through technology: Analysis of a case study	2007								
43	Goodison T.	Integrating ICT in the classroom: A case study of two contrasting lessons	2004								
44	Coupal L.V.	Constructivist learning theory and human capital theory: Shifting political and educational frameworks for teachers' ICT professional development	2003								
45	Carneiro, Reginaldo Fernando; Brancaglion Passos, Carmen Lucia	The Conceptions of Early-Career Mathematics Teachers Regarding Contributions of their Education for the Use of Information and Communication Technology	2010								
46	Varank, Ilhan	Factors Affecting In-Service Teachers' Application-Based Educational Technology and Material Development Skills: A Causal Analysis of a Turkish Case	2011								
47	Mushayiwa, Emmanuel; Lubben, Fred	Self-directed professional development - Hope for teachers working in deprived environments?	2009								
48	Li, Q	Infusing technology into a mathematics methods course: any impact?	2005								
49	Beauchamp, Gary; Kennewell, Steve; Tanner, Howard; Jones, Sonia	Interactive whiteboards and all that jazz: the contribution of musical metaphors to the analysis of classroom activity with interactive technologies	2010								
50	Divaharan, Shanti; Koh, Joyce Hwee Ling	Learning as students to become better teachers: Pre-service teachers' IWB learning experience	2010								
51	Hsu, Ying-Shao; Wu, Hsin-Kai; Hwang, Fu-Kwun	Factors influencing junior high school teachers' computer-based instructional practices regarding their instructional evolution stages	2007								
52	Davidson, J. K.; Elliot, D. L.	A comparison of e-learning in Scotland's colleges and secondary schools: The case of National Qualifications in 'Core Skills'	2007								
53	Mooij, T	Optimising ICT effectiveness in instruction and learning: multilevel transformation theory and a pilot project in secondary education	2004								
54	Kessler, Penny D; Lund, Carole H	Reflective journaling: developing an online journal for distance education.	2004								
55	Motteram, G	'Blended' education and the transformation of teachers: a long-term case study in postgraduate UK Higher Education	2006								
56	An, Heejung; Shin, Sunghee; Lim, Keol	The effects of different instructor facilitation approaches on students' interactions during asynchronous online discussions	2009								
57	Virkus, Sirje	Use of Web 2.0 technologies in LIS education: experiences at Tallinn University, Estonia	2008								
58	Birch, Dawn; Burnett, Bruce	Bringing academics on board: Encouraging institution-wide diffusion of e-learning environments	2009								
59	Boulos, MNK; Taylor, AD; Breton, A	A synchronous communication experiment within an online distance learning program: A case study	2005								
60	Dickey, Michele D.	Integrating cognitive apprenticeship methods in a Web-based educational technology course for P-12 teacher education	2008								
61	Glasgow, Mary Ellen Smith; Cornelius, Frances H	Benefits and costs of integrating technology into undergraduate nursing programs.	2005								
62	Eaton, K. A.; Reynolds, P. A.	Continuing professional development and ICT: target practice	2008								
63	Page, Tom; Thorsteinsson, Gisli; Niculescu, Andrei	A Blended Learning Approach to Enhancing Innovation	2008								
64	Espasa, Anna; Meneses, Julio	Analysing feedback processes in an online teaching and learning environment: an exploratory study	2010								
65	Comas-Quinn, Anna	Learning to teach online or learning to become an online teacher: an exploration of teachers' experiences in a blended learning course	2011								
66	Akahori, K; Horiguschi, H; Suzuki, K; Nambu, M	Development and evaluation of Web-based in-service training system for improving the ICT leadership of schoolteachers	2001								
67	Tilwaldi, D; Takahashi, T; Mishima, Y; Sawamoto, J; Koizumi, H	A smart method of cooperative learning including distant lectures and its experimental evaluations	2005								
68	McCown, Linda J	Blended courses: the best of online and traditional formats.	2010								
69	Imbernon, F.; Silva, P.; Guzman, C.	Teaching Skills in Virtual and Blended Learning Environments	2011								
70	Goncalves, Thais dos Santos; Pinheiro Crenitte, Patricia Abreu	Development of a CD-ROM on written language for the continuing education of elementary school teachers	2011								
71	Erguzen, Atilla; Erel, Serafettin; Uzun, Ibrahim; Bilge, Hasan Sakir; Unver, Halil Murat	KUZEM LMS: A new learning management system for online education	2012								
72	Graham Attwell and Jenny Hughes	Pedagogic Approaches to Using Technology for Learning: Literature Review	2010								
73	Lutz Hellmig	Blended Learning for Teachers' Professional Development									
74	Hilda Borko*, Rebekah Elliott, Kay Uchiyama	Professional development:a key to Kentucky's educational reform efforts	2002								
75	Mikko Vesisenaho, Teemu Valtonen, Jari Kukkonen, Sari Havu-Nuutinen, Anu Hartikainen, Sirpa Krkkinen	Blended learning with everyday technologies to activate students' collaborative learning									
76	Maria Meletiou-Mavrotheris Ana Serrado Bayés	Distance Training of Mathematics Teachers: Th e EarlyStatistics Experience	2011								
77	Deborah L. Butler*, Helen Novak Lauscher, Sandra Jarvis-Selinger, Beverly Beckingham	Collaboration and self-regulation in teachers' professional development	2004								
78	Louise Starkey*, Anne Yates, Luanna H. Meyer, Cedric Hall, Mike Taylor, Susan Stevens, Rawiri Toia	Professional development design: Embedding educational reform in New Zealand	2009								
79	SAHIN Ismail	PREDICTING STUDENT SATISFACTION IN DISTANCE EDUCATION AND LEARNING ENVIRONMENTS	2007								
80	Edie K. Schmidt & Ms. Ana Gallegos	Distance Learning: Issues and Concerns of Distance Learners	2001								
81	Hilda Borko,	Professional Development and Teacher Learning: Mapping the Terrain	2004								
82	Ansie Lessing and Marike de Witt	The value of continuous professional development: teachers' perceptions	2007								
83	João Pedro da Ponte	Mathematics teachers' professional development and identity in a distance education setting	2012								
84	Ashton, Jean & Newman, Linda	An unfinished symphony: 21st century teacher education using knowledge creating heutagogies	2006								
85	Robertson, Margaret ; Fluck, Andrew ; Webb, Ivan ; Loechel, Barton	Classroom Computer Climate, Teacher Reflections and "Reenvisioning" Pedagogy in Australian Schools	2004								
86	Loveless, Avril; Burton, Jeremy; Turvey, Keith	Developing conceptual frameworks for creativity, ICT and teacher education	2006								
87	McCarney, John	Effective models of staff development in ICT	2004								
88	Prestridge, Sarah	Engaging with the Transforming Possibilities of ICT: A Discussion Paper	2007								
89	Muwanga-Zake, Johnnie Wycliffe Frank	Framing Professional Development in Information and Communications Technologies: University Perspectives	2008								
90	United Nations Educational, Scientific and Cultural Organization (UNESCO).	ICT Competency Standards for Teachers: Policy Framework	2008								
91	Younie, Sarah	Implementing government policy on ICT in education: Lessons learnt	2006								
92	Mackey, Julie ; Evans, Terry	Interconnecting Networks of Practice for Professional Learning	2011								
92	Webb, Mary E	Pedagogical Reasoning: Issues and Solutions for the Teaching and Learning of ICT in Secondary Schools	2002								

94	Faulder, Tori Rose	Technology Integration: A Research-Based Professional Development Program	2011									
95	Loveless, Avril	Technology, pedagogy and education: reflections on the accomplishment of what teachers know, do and believe in a digital age	2011									
96	Loveless, Avril; Longman D	Information literacy: Innuendo or insight?	1998									
97	Caroline Daly, Norbert Pachler, Caroline Pelletier	Continuing Professional Development in ICT for Teachers: A literature review	2009									

Addendum 2.3 Documents Screened for Inclusion and Exclusion for Qualitative Analysis

Number	Author	Title	Type of document	Year	PD	Mathematics Ed	ICT Ed	ODL	Methodology	Inclusion	Exclusion	Reason for inclusion: Criteria (relevance to the criteria of the research question)
1	Zakaria	Assessing Mathematics Teachers' Professional Development Needs	European Journal of Social Sciences – Volume 8, Number 2 (2009)	2009					Quantitative			Address two of the main components, but has valuable information
2	Younie	Implementing government policy on ICT in Education: Lesson learnt	Educ Inf Technol (2006) 11: 385–400	2006					Analyses of policy implementation			Address two of the main components, but has valuable information
3	Wilson-Strydom	Understanding ICT integration in South African classrooms	Perspectives in Education, Volume 23(4), December 2005	2005					Qualitative & Quantitative			
4	Valcke	ICT teacher training: Evaluation of the curriculum and training approach in Flanders	Teaching and Teacher Education 23 (2007) 795–808	2007					Qualitative			
5	Tytler1	Discourse communities: A framework from which to consider professional for rural teachers of science and mathematics	Teaching and Teacher Education 27 (2011) 871-879	2011					Qualitative			
6	Tytler2	Assuming responsibility: Teachers taking charge of their Teachers professional development										
7	Sandholtz	The paradox of administrative control in fostering teacher professional development	Teaching and Teacher Education 22 (2006) 1104–1117	2006					Qualitative			
8	Ruthven	Improving the development and warranting of good pratice in teaching	Cambridge Journal of Education Vol. 35, No. 3, November 2005, pp. 407–426	2005								Only focus on development of teachers
9	Prestige	ICT professional development for teachers in online forums: Analysing the role of discussion	Teaching and Teacher Education 26 (2010) 252–258	2010					Qualitative			Address three of the four main components in the study
10	da Ponte	Mathematics teachers' professional development and identity in a distance education setting	Universidade de Lisboa, Portugal	2012					Qualitative			Address all four of the main components of the study
11	Pearson,Trinidad	EVALUATING E-LEARNING ENVIRONMENTS IN INITIAL TEACHER EDUCATION PROGRAMMES USING THE ONLINE LEARNING ENVIRONMENT SURVEY (OLES)							Quantitative			Address three of the four main components in the study
12	Mofokeng	Teaching mathematics and science using computers: How prepared are South African teachers to do this?	Procedia Social and Behavioral Sciences 2 (2010) 1610–1614	2010					Quantitative			Address three of the four main components in the study
13	Loveless1	Developing conceptual frameworks for creativity, ICT and teacher education	Thinking Skills and Creativity 1 (2006) 3–13	2006					Qualitative			Address two of the main components of the study
14	Lessing & Witt	The value of continuous professional development: teachers' perceptions	South African Journal of Education Vol 27 (1) 53-67	2007					Quantitative			
15	Haydn	Teacher education and ICT: some points for consideration from the UK	University of East Anglia									Not a full paper and evaluate some aspects regarding ICT in english schools
16	Faulder	Technology Integration: A Research-based Professional Development Program	Cedarville University	2011								Address two of the main components, but has valuable information
17	Drent	Which factors obstruct or stimulate teacher educators to use ICT innovatively?	Computers & Education 51 (2008) 187–199	2008					Quantitative			Address two of the main components, but has valuable information
18	Daly	Continuing Professional Development in ICT for Teachers: A literature review	Becta 2009	2009					Q uantitative and qualitative			Address all four of the main components of the study
19	Brederson	The architecture of professional development: materials, messages and meaning	International Journal of Educational Research 37 (2002) 661–675	2002								
20	Borko1	Professional development:a key to Kentucky's educational reform effort	Teaching and Teacher Education 18 (2002) 969–987	2002					Qualitative			
21	Borko2	Professional Development and Teacher Learning: Mapping the terrain	Hilda Borko, University of Colorado, Boulder									
22	Atwell	Pedagogic Approaches to Using Technology for Learning - Literature Review							Qualitative			Address two of the main components, but has valuable information
23	Broadley	Engaging in online postgraduate education as means of professional learning	ascilite proceedings	2011					Quantitative			Address three of the four main components in the study
24	Campbell	Auditing education courses using the TPACK framework as a preliminary step to enhancing ICTs	ascilite proceedings	2011								
25	Gregory	How are Australian higher education institutions contributing to change through innovative teaching and learning in virtual worlds?	ascilite proceedings									
26	Ashari	FACTORS AFFECTING TEACHERS' USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	International Journal of Instruction January 2009 ● Vol.2, No.1	2009								Address two of the main components, but has valuable information
27	Uyongor	THE ATTITUDES OF THE PROSPECTIVE MATHEMATICS TEACHERS TOWARDS INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPEMENT COURSE	TOJET: The Turkish Online Journal of Educational Technology – January 2010, volume 9 Issue 1	2010					Quantitative			Address two of the main components, but has valuable information
28	Hartsell	Effectiveness of Professional Development in Teaching Mathematics and Technology Applications	Journal of Educational Technology Development and Exchange, 2(1), 53-64	2009					Quantitative			Address three of the four main components in the study
29	Hartsell	Improving teachers' self-Confidence in Learning technology skills and Math education through Professional development	International Journal of Information and Communication Technology Education, 6(2), 47-61, April-June 2010	2010								Address three of the four main components in the study
30	Swan	Situated Professional Development and Technology Integration: The CATIE Mentoring Program	Journal of Technology and Teacher Education, 10 (2), 169-190	2002					Qualitative			Address two of the main components, but has valuable information
31	Li	Infusing technology into a mathematics methods course: any impact?	Educational Research, Vol. 47, No. 2, June 2005, pp. 217 – 233	2005								Address all four of the main components of the study
32	PE ' CIULIAUSKIEN'E,	Would-Be Teachers' Competence in Applying ICT: Exposition and Preconditions for Development	Informatics in Education, 2007, Vol. 6, No. 2, 397–410	2007					Quantitative			
33	da Ponte2	DEVELOPMENT OF PRE-SERVICE MATHEMATICS TEACHERS' PROFESSIONAL KNOWLEDGE AND IDENTITY IN WORKING WITH INFORMATION AND COMMUNICATION TEC	Development of pre-service mathematics teachers						Qualitative			Address three of the four main components in the study

Policy documents and reports

1	Republic of South Africa: DoE	White Paper on e-Education										Policy on ICT in South Africa
2	Republic of South Africa: DoE	Revised National Curriculum Statement										National curriculum policy and the outcomes students need to attain from Grade R-9
3	Republic of South Africa: DHET	Green Paper for Post-School Education and Training: The doors of learning and culture shall be opened										ICT policy for the Higher Education and Training Band

Gray Literature

1	SACE	CPTD										Address the system designed to support professional development of teachers in South Africa
2	SchoolNet	SchoolNet SA's applied ICT integration competencies for educators										Developed according to the seven roles of educators based on the norms and standards
3	Miller, Dave & Derek Glover	Enhanced Interactivity in Secondary Mathematics (Book Chapter)										Address three of the main components in the study
4	van der Westeringh	ODL AND ICT: NEW OPPORTUNITIES FOR THE TEACHING PROFESSION? (Book Chapter)										Evaluating results from a compartive study

Addendum 2.4 Final List of all Journal Articles, Literature Review Documents and Conference Papers Included for Qualitative Analysis

Bibliographic details	Title	Aims and focus of the paper	Method design (MD) sample size (SS) response rate (RR), location of the study (L)	Theory or models	Data	Segmentation
Attwell G Hughes J	Pedagogic Approaches to Using Technology for Learning	• This literature review is intended to address and support these areas by identifying new and emerging pedagogies; determining what constitutes effective use of technology in teaching and learning; looking at new developments in teacher training qualifications to ensure that they are at the cutting edge of learning theory and classroom practice and making suggestions as to how teachers can continually update their skills	Academic papers reports on research	Constructivism New pedagogy theory communities of practice Avtivity theory Vygotsky and social constructivism Scaffolding learning Boundary objects Models for a pedagogic toolkit Curriculum development and rhizomatic knowledge Discourse, collaboration and meta cognition Bricolage Noel Entwistle's use of 'deep', 'surface' and 'strategic' approaches to learning		There are ten main sections: (i) Introduction (ii) Learners in the digital age (iii) Digital literacy (iv) Pedagogic theories and the set of technology for learning and their implications (v) The impact of technologies on pedagogy in practice (vi) From current to emerging technologies for learning (vii) Teachers dispositions (viii) Present qualifications for teachers and approaches to pedagogy and the use of technology for learning (ix) Continuing professional development (x) Gaps and bias in the literature
Broadley T	Engaging in online postgraduate education as means of professional learning	• This research paper aims to highlight the important role that higher education providers play in the delivery of postgraduate education to professionals working in regional and remote areas of Australia	MD: survey online environment S: 50 schools RR: 50 schools L: rural and regional Australia	Significant factors contributing to educational disadvantage in rural and regional Australia Rethinking connectedness model	quantitative	(i) Phase One aimed to provide an extensive review of the literature (ii) Phase Two included two stages of data collection (iii) Phase Three included data analyses, findings and the formulation of a conceptual framework
Daly C Pachler N	Continuing Professional Development in ICT for	• This report presents the findings from a review of				

Bibliographic details	Title	Aims and focus of the paper	Method design (MD) sample size (SS) response rate (RR), location of the study (L)	Theory or models	Data	Segmentation
Pilletier C	Teachers: A literature review	literature related to the current range of continuing professional development (CPD) in ICT for school teachers • It sets out to examine and understand the features of effective CPD in ICT, meaning those activities, both formal and informal, within a range of contexts and involving a variety of participants, which contribute to enhanced teacher understanding and practice involving technologies to support students' learning • In order to explore this, it has been important to see professional development in ICT within a broader CPD context				
Drent M Meelissen M	Which factors obstruct or stimulate teacher educators to use ICT innovatively?	• This article discusses the factors which stimulate or limit the innovative use of ICT by teacher educators in the Netherlands	MD: Explorative path analysis and case studies S: 431 RR: 210 L: Netherlands	Conceptual framework based on Ten Brummelhuis (1995)	Quantitative: secondary data analyses	(i) Teacher educators for primary education, who taught students in the fourth year or third year (ii) Due to the low return rate a screening survey was given to each education institute
Hartsell T Herron S Fang H Rathod A	Effectiveness of Professional Development in Teaching Mathematics and Technology Applications	• This study investigated whether a four-week professional development workshop for math teachers helped improve their ability to integrate technology into instruction and teach math concepts	MD: survey S: 24-27 RR: 27 L: South Mississippi		quantitative	(i) Four week workshops in 2005-2007 (ii) A survey to access the use of ICT in 2008
Li Q	Infusing technology into a mathematics methods course: any impact?	• Examine some issues within the new frontier of integrating technology into teacher education and professional development	MD: empirical data S: 8 RR: 8 L: rural area of the northern USA		qualitative	(i) Thirty hour field experience (ii) Instructors' journal (iii) Threaded discussion (iv) Multimedia project

Bibliographic details	Title	Aims and focus of the paper	Method design (MD) sample size (SS) response rate (RR), location of the study (L)	Theory or models	Data	Segmentation
Loveless A Burton J Turvey K	Developing conceptual frameworks for creativity, ICT and teacher education	• The project had three key aims: to enable primary student teachers to investigate their classroom practice in the use of information communication technology (ICT) • To promote creativity in a range of curriculum subjects • To reflect upon the development of their confidence and competence in pedagogy with ICT in primary classrooms in the transition from initial teacher education (ITE) to qualified teacher status (QTS) • To share their experiences with teachers • mentors and University tutors	MD: focus group and written documents S: 16 RR:16 L:Brighton University	A conceptual framework for creativity and ICT, from Loveless	qualitative	(i) Students final semester in ITE (ii) First term of newly qualified teachers
Miller D Glover D	Enhanced Interactivity in Secondary Mathematics	• This chapter outlines the background to the development of changed pedagogy by mathematics teachers within a secondary school in England. • It relates this development to the enhanced understanding of the use of interactive whiteboards, initially as a presentational and motivational support but then as the basis of more effective conceptual and cognitive learning by students • The experience of teachers within the school and members of a research group points to the importance of the integration of interactive whiteboards, desk work and				(i)

Bibliographic details	Title	Aims and focus of the paper	Method design (MD) sample size (SS) response rate (RR), location of the study (L)	Theory or models	Data	Segmentation
		thinking in the planning of mathematics lessons • It also discusses emerging evidence that effective white board use requires an understanding of the role of individual learning style, gesture, and artefact use in reflective and stepped teaching and learning situations				
Mofokeng P Mji A	Teaching mathematics and science using computers: How prepared are South African teachers to do this?	• The purpose was to explore teachers' readiness to integrate computers in teaching mathematics and science in their classrooms	MD: questionnaire S: 58 RR: 58 L: Gauteng Province SA		quantitative	(i) Complete the questionnaire
da Ponte J	Mathematics teachers' professional development and identity in a distance education setting	• Discusses the influence of an in-service distance education course in the construction of mathematics teachers' professional identity	MD: exploratory investigative work S: 36 RR: 34 L: Portugal and Brazil	N/A	qualitative	(i) Dynamics of the Mathematics classroom (ii) Investigations in Mathematics and in four professional practice (iii) One experiment with investigations in the classroom
da Ponte J	Development of Pre-service Mathematics teachers' Professional Knowledge and Identity in Working with Information and Communication Technology1	• This course aimed to help pre-service teachers develop a positive attitude regarding ICT and use it confidently	MD: observation and questionnaire S: 66 RR: 94 L: University of Lisbon		qualitative quantitative	(i) Three years Mathematics training (ii) One year educational preparation (iii) One year practical at a school
Pearson J Trinidad S	Evaluating e-Learning environment in initial teacher education programmes using online learning environment survey (OLES)	• The research reported in this paper used the Online Learning Environment Survey (OLES) as a tool to evaluate e-learning environments in teacher education programmes (courses) in Hong Kong and Western Australia	MD: survey S: 14 RT: 14 L: Hong Kong and Western Australia		quantitative	(i) survey (OLES) to evaluate e-learning environments
Prestige S	ICT professional development for teachers in online forums: Analysing the role of discussion	• This paper explores the role of engaging teachers in constructive dialogue within ICT professional development	MD: S: 16 RR: 16 L:	Theoretical ICT professional development mode	qualitative	(i) Stage one: involved the collection of data to inform the design of ICT professional development activity for implementation

Bibliographic details	Title	Aims and focus of the paper	Method design (MD) sample size (SS) response rate (RR), location of the study (L)	Theory or models	Data	Segmentation
		activity				(ii) Stage two: Semi-structured interviews
SchoolNet SA	Introduction to educator competencies	• Discuss the seven roles of educators in ICT integration in South African schools	N/A	Hierarchy of development for ICT Integration	N/A	(i) Enabling phase (ii) Entry and adaption phases (iii) Adaption and appropriation phases (iv) Innovation phase
Swan K Holmes A Vargas J D	Situated Professional Development and Technology Integration: The CATIE Mentoring Program	• This paper explores the theoretical basis for a mentoring model of professional development concerned with the integration of computing technologies into classroom teaching and learning	MD: S: RR: L: Troy region New York	The CATIE Mentoring Model of Professional Development for Technology Integration		(i) Group and individual sessions with teachers (ii) Work with teachers to design computer-based lessons (iii) Mentors model best practices in computer-based teaching and learning (iv) Guide teachers to design their own computer-based lessons
Uyangör M Karaca D	The attitudes of prospective Mathematics teachers towards instructional technologies and material development	• This study aims to determine the attitudes of prospective teachers of Secondary Mathematics Education toward Instructional Technologies and Material Development (ITMD) Course	MD: questionnaire S: 44 students RR: 44 students L: Balıkesir University		quantitative	(i) Study group of this descriptive research consists of 44 students taking ITMD lesson
Van der Westeringh W	ODL and ICT new opportunities for the teaching profession?	• In this paper it will be argued that a combination of factors, mainly the loss of autonomy and de-specialisation of the profession, causes the teaching profession to become less and less attractive for young people • The emergence of the information society demands new skills of students and teachers alike, and will in due time present new opportunities for teachers and the educational system as a whole • A constructivist perspective towards learning and the				

Bibliographic details	Title	Aims and focus of the paper	Method design (MD) sample size (SS) response rate (RR), location of the study (L)	Theory or models	Data	Segmentation
		creative use of Information and Communication Technology will contribute to an education system of 'lifelong learning' that will be able to meet the needs of a fast developing information society • Teachers can play a key role in this transformation of education, but only if they succeed in acquiring a new 'open professionalism'				
Younie S	Implementing government policy on ICT in education: Lessons learnt	• This paper examines lessons learnt from national research and evaluation studies of ICT in schools in the UK	L: United Kingdom			(i) Evaluating the strategic development and delivery of ICT in schools through BECTA
Zakaria E Daud Y	Assessing Mathematics Teachers' Professional Development Needs	• The purpose of this study was to identify the perceived professional needs of mathematics teachers in selected Malaysian secondary schools	MD: questionnaire S: 72 RR: 72 L; Malaysian secondary schools		quantitative	(ii) Instrument given to school teachers graduating from the Faculty of Education, University Kebangsaan Malaysia

Addendum 2.5: Calculation of Cohen's Kappa

Formula:

Kappa= $\frac{Actual-Expected}{Trails-Expected}$

$$\frac{468+0-(48.895+0.002}{470-(48.895+0.002}$$

$$\frac{468+0-48.897}{470-48.897}$$

$$\frac{419.103}{421.103}$$

=0.995

Addendum 2.6: Documents Selected for Peer Coding

Number of Document	Type of Document	Name of Document	Author of Document	Rationale for Selection for Peer Coding
1	Policy Document	White Paper on e-Education	Republic of South Africa	Fundamental in research process
2	Literature Review	Effectiveness of Professional Development in Teaching Mathematics and Technology Application	Hartsell, T Herron, S Fang, H Rathod, A	Addressed three of the main components of the research
3	Journal Article	Teaching mathematics and science using computers: How prepared are South African teachers to do this?	Mofokeng, P Mji, A	Assessment of the South African context. Include two of the main components of the research
4	Journal Article	Mathematics teachers' professional development and identity in a distance education setting	Da Ponte, J	Addressed all the components of the research. One of the leaders in the field and known as the expert author.
5	Journal Article	Engaging in online postgraduate education as means of professional learning	Broadley, T	Addressed two of the main components of the research

Addendum 2.7

	$$$$ICT initiative concerns	$$$$Responsibility towards PD	$$$$Responsibility: Resources and funding	$$$$Responsibility:Management	$$$$Responsibility:Teaching and learning	$$$Content knowledge	$$$DoE/policy challenges	$$$ICT policy initiatives	$$$Influence of policy on teachers	$$$objectives	$$$PCK (pedagogical content knowledge)	$$$Pedagogical knowledge	$$$Responsibility of DoE	$$$Teaching and learning environment	$$$Technological knowledge	$$Role of teacher	$$TPCK	&&&Environmental barriers	&&&ICT contribution to maths/teaching and learning	&&&School leaders' role in ICT	&&&Teacher barriers	&&&Value of ICT at management level	&&Barriers to ICT	&&ICT integration priorities	&&Positive experiences ICT	&&value of ICT	****Environmental barriers in ODL
P 1: Ponte.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	0	0	1	6	1
P 2: Ponte2.pdf	0	0	0	0	0	5	0	0	1	0	0	7	0	0	14	6	13	3	14	0	5	0	2	0	11	7	3
P 3: Li.pdf	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10	0	8	0	2	0	0	0	4	5	0
P 4: hartsell2.pdf	0	1	0	0	0	3	0	0	0	0	1	4	0	0	5	7	16	1	4	1	6	0	4	0	0	4	0
P 5: Prestige.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
P 6: Mofokeng.pdf	2	4	0	0	0	0	1	0	1	2	0	0	1	1	1	4	8	2	1	0	3	0	0	1	0	3	0
P 7: Daly.pdf	1	3	1	1	0	0	23	0	3	1	1	3	5	7	0	12	7	9	1	1	13	0	10	4	0	1	3
P 8: Uyangor.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	3	2	0	2	0	2	0	0	0	1	1	0
P 9: Zakaria.pdf	0	0	0	1	0	0	0	0	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	2	0	0	0
P10: PearsonTrinidad.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
P11: Attwell.pdf	0	1	0	0	0	1	3	0	3	2	3	0	2	2	1	5	4	2	1	0	12	0	9	3	1	3	1
P12: e-Education White Paper.pdf	8	0	8	6	14	0	13	9	1	9	0	0	15	1	0	2	3	3	12	2	1	4	1	1	0	16	0
P13: SchoolNet SA.pdf	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	1	0	0	3	1	3	0
P14: Broadley.pdf	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	1	0	0	0	0	0	0	1	0	0	0	1
P15: NCS.pdf	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	1	0	0	8	0	0	0	0	0	0	0	0
P16: CPTD handbook.pdf	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
P17: swan.pdf	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	0	1	0	5	0	0	1	0
P18: Drent.pdf	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	0	1	1	2	3	0
P19: van de Westeringh1.pdf	0	2	0	3	0	0	1	0	0	1	0	0	2	2	0	8	0	1	2	1	1	0	2	2	0	3	1
P20: Younie Sarah.pdf	13	0	2	0	0	0	2	1	0	0	0	0	6	0	0	1	2	8	0	6	1	0	5	0	0	0	0
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P22: miller.glover.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	5	1	17	0	1	0	3	0	0	3	0
P23: Loveless.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	0	3	0	0	0	2	0	4	1	0

	****Teacher barriers in ODL	***effect of ODL on teachers/ Math teachers	***ODL barriers	***Role of teacher in ODL	***teacher and teacher-students' experiences	**aspects influence ODL	**ODL technologies	**PD through ODL	**value of ODL	@@@@building an PD/Social identity	@@@@Feedback on PD courses	@@@@Recommendations for PD	@@@Contributors to SPD	@@@Enablers	@@@ICT and SPD	@@@individual and social identity	@@@ODL and SPD	@@@PD and social identity	@@@PD concerns	@@@PD course activities and data collection	@@@PD course outline	@@@PD instruments	@@@School leadership role in PD	@@@Teacher expectation for PD	@@characteristics of professional development	@@development process	@@influences PD	@@Objectives of PD	@@PD model/framework	@@PD strategies	@@role of teacher in PD
P 1: Ponte.pdf	4	8	5	3	14	2	1	1	18	7	6	1	1	3	5	8	5	6	1	6	1	0	0	1	1	1	0	2	0	5	5
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P 3: Li.pdf	0	1	1	0	0	0	3	0	6	0	0	3	1	0	1	0	0	1	0	0	0	4	0	0	0	0	0	6	0	3	1
P 4: hartsell2.pdf	0	0	0	0	0	0	0	0	0	0	3	1	2	1	2	2	0	0	1	3	0	1	1	0	3	2	3	3	0	0	0
P 5: Prestige.pdf	2	0	5	3	2	7	1	0	3	1	2	0	1	0	0	3	3	0	2	2	1	2	0	0	2	1	0	4	1	4	2
P 6: Mofokeng.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	1	0	1	0	0	1	3	0	0	0
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P10: PearsonTrinidad.pdf	0	0	0	0	1	4	1	0	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
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P13: SchoolNet SA.pdf	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	0	0	1
P14: Broadley.pdf	1	2	3	0	2	3	0	3	8	0	1	0	0	2	0	1	0	0	1	1	0	0	2	0	0	0	1	0	0	0	1
P15: NCS.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P16: CPTD handbook.pdf	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4	1	3	2	0	4	0	1	8
P17: swan.pdf	0	0	0	0	0	0	0	0	0	0	4	2	0	11	0	0	0	0	8	1	2	0	6	3	0	6	10	1	3	6	4
P18: Drent.pdf	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	3
P19: van de Westeringh1.pdf	1	0	0	3	0	0	0	2	5	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	1	1	0	1	3
P20: Younie Sarah.pdf	0	0	0	0	2	0	0	0	0	0	1	0	0	2	0	0	0	0	7	0	0	0	3	1	0	0	0	0	0	0	0
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P22: miller.glover.pdf	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	3
P23: Loveless.pdf	0	0	0	0	0	0	0	1	0	0	5	2	1	3	1	2	0	2	3	3	0	0	0	0	1	1	2	1	0	0	3

Addendum 2.8

```
FACTOR
  /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@SchoolleadershiproleinPD @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
  /MISSING PAIRWISE
  /ANALYSIS @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@SchoolleadershiproleinPD @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	23
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	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.

Syntax		FACTOR /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives @$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioiritie
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[DataSet59]

Correlation Matrix[a,b]

a. Determinant = .000

b. This matrix is not positive definite.

Communalities

	Initial	Extraction
$$$$ICT initiative concerns	1.000	.979
$$$$Responsibility towards PD	1.000	.808
$$$$Responsibility: Resources and funding	1.000	.979
$$$$Responsibility:Manageme	1.000	.902
$$$$Responsibility:Teaching and learning	1.000	.988
$$$Content knowledge	1.000	.978
$$$DoE/policy challenges	1.000	.983
$$$ICT policy initiatives	1.000	.988

$$$Influence of policy on teachers	1.000	.772
$$$objectives	1.000	.949
$$$PCK (pedagogical content knowledge)	1.000	.871
$$$Pedagogical knowledge	1.000	.958
$$$Responsibility of DoE	1.000	.975
$$$Teaching and learning environment	1.000	.813
$$$Technological knowledge	1.000	.983
$$Role of teacher	1.000	.913
$$TPCK	1.000	.906
&Environme...	1.000	.978
&ICT contribution to maths/teaching and learning	1.000	.702
&School leaders' role in ICT	1.000	.924
&Teacher barriers	1.000	.979
&Value of ICT at management level	1.000	.988
&Barriers to ICT	1.000	.942
&ICT integration prioirities	1.000	.734
&Positive experiences ICT	1.000	.884
&value of ICT	1.000	.929
****Environmental barriers in ODL	1.000	.969
****Teacher barriers in ODL	1.000	.988
***effect of ODL on teachers/ Math teachers	1.000	.941
***ODL barriers	1.000	.951
***Role of teacher in ODL	1.000	.807
***teacher and teacher-students' experiences	1.000	.976
**aspects influence ODL	1.000	.903
**ODL technologies	1.000	.938
**PD through ODL	1.000	.919
**value of ODL	1.000	.812
@@@@building an PD/Social identity	1.000	.970
@@@@Feedback on PD courses	1.000	.935
@@@@Recommendations for PD	1.000	.970
@@@Contributors to SPD	1.000	.949
@@@Enablers	1.000	.960
@@@ICT and SPD	1.000	.976
@@@individual and social identity	1.000	.973
@@@ODL and SPD	1.000	.957
@@@PD and social identity	1.000	.952
@@@PD concerns	1.000	.942

@@@PD course activities and data collection	1.000	.893
@@@PD course outline	1.000	.960
@@@PD instruments	1.000	.979
@@@School leadership role in PD	1.000	.975
@@@Teacher expectation for PD	1.000	.925
@@characteristics of professional development	1.000	.910
@@development process	1.000	.927
@@influences PD	1.000	.934
@@Objectives of PD	1.000	.924
@@PD model/framework	1.000	.983
@@PD strategies	1.000	.950
@@role of teacher in PD	1.000	.764

Extraction Method: Principal Component Analysis.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	15.257	26.306	26.306	15.257	26.306	26.306	8.309
2	10.834	18.679	44.984	10.834	18.679	44.984	9.182
3	7.842	13.521	58.506	7.842	13.521	58.506	8.097
4	6.179	10.653	69.159	6.179	10.653	69.159	8.930
5	3.304	5.696	74.855	3.304	5.696	74.855	7.592
6	2.720	4.690	79.545	2.720	4.690	79.545	7.107
7	2.147	3.702	83.247	2.147	3.702	83.247	4.801
8	1.672	2.883	86.130	1.672	2.883	86.130	5.229
9	1.505	2.595	88.725	1.505	2.595	88.725	4.222
10	1.192	2.055	90.780	1.192	2.055	90.780	3.094
11	1.066	1.838	92.618	1.066	1.838	92.618	7.012
12	.806	1.389	94.007				
13	.711	1.226	95.232				
14	.657	1.132	96.364				
15	.548	.945	97.310				
16	.472	.813	98.123				
17	.345	.595	98.718				
18	.257	.443	99.162				
19	.182	.314	99.476				
20	.140	.241	99.717				
21	.095	.164	99.881				
22	.069	.119	100.000				
23	4.492E-15	7.746E-15	100.000				
24	3.278E-15	5.651E-15	100.000				
25	2.063E-15	3.557E-15	100.000				
26	1.730E-15	2.983E-15	100.000				
27	1.645E-15	2.836E-15	100.000				
28	1.471E-15	2.536E-15	100.000				
29	1.276E-15	2.200E-15	100.000				
30	1.035E-15	1.785E-15	100.000				
31	9.715E-16	1.675E-15	100.000				
32	9.365E-16	1.615E-15	100.000				
33	7.278E-16	1.255E-15	100.000				
34	5.912E-16	1.019E-15	100.000				
35	5.254E-16	9.059E-16	100.000				
36	4.388E-16	7.565E-16	100.000				
37	2.992E-16	5.158E-16	100.000				

38	2.379E-16	4.102E-16	100.000				
39	1.300E-16	2.241E-16	100.000				
40	-2.705E-17	-4.664E-17	100.000				
41	-9.793E-17	-1.688E-16	100.000				
42	-1.461E-16	-2.518E-16	100.000				
43	-1.907E-16	-3.287E-16	100.000				
44	-3.388E-16	-5.841E-16	100.000				
45	-3.635E-16	-6.267E-16	100.000				
46	-6.017E-16	-1.037E-15	100.000				
47	-6.854E-16	-1.182E-15	100.000				
48	-7.679E-16	-1.324E-15	100.000				
49	-8.277E-16	-1.427E-15	100.000				
50	-9.368E-16	-1.615E-15	100.000				
51	-1.013E-15	-1.746E-15	100.000				
52	-1.159E-15	-1.998E-15	100.000				
53	-1.267E-15	-2.185E-15	100.000				
54	-1.561E-15	-2.691E-15	100.000				
55	-1.581E-15	-2.726E-15	100.000				
56	-1.869E-15	-3.222E-15	100.000				
57	-2.069E-15	-3.566E-15	100.000				
58	-2.731E-15	-4.708E-15	100.000				

Extraction Method: Principal Component Analysis.

a. When components are correlated, sums of squared loadings cannot be added to obtain a total variance.

Component Matrix[a]

	Component										
	1	2	3	4	5	6	7	8	9	10	11
@@PD strategies	.897										
@@@@Recommendations for PD	.863	.220			-.324						
&&&Teacher barriers	.862	.233		-.246	-.284						
****Environmental barriers in ODL	.817					-.313		-.205	.241		
@@PD model/framework	.812	.475									
****Teacher barriers in ODL	.810			.209	.272	-.355					
@@@PD concerns	.810	.410				.247					
**PD through ODL	.793	.222			-.370			-.239			
&&Barriers to ICT	.776	.403				.292					
@@@@building an PD/Social identity	.761	-.469	.229	.281							
@@@Contributors to SPD	.724	-.483		-.320							
***ODL barriers	.685			.592	-.236						
$$$Influence of policy on teachers	.679	.354			-.344						
@@@School leadership role in PD	.674	.560			.328						
@@influences PD	.672	.376		-.272	.387		.272				
$$Role of teacher	.656	.204		-.416		-.320			-.334		
@@@Enablers	.639	.321	-.271		.333	.428	.242				
@@role of teacher in PD	.572	.254	-.215	.234	.323		.324				
&&&Environme...	.542	.453		-.300	.307		-.454				
&&ICT integration prioirities	.513	.505								.258	.227
$$$Teaching and learning environment	.506	.471				-.402		-.288			
$$$$Responsibility towards PD	.385	.340				-.374		.226	-.209	.358	.338
@@@ICT and SPD	.424	-.764	.309						-.245		

@@@PD course activities and data collection	.299	-.728			.318					-.300	
@@@@Feedback on PD courses	.446	-.723	.234			.275					
***effect of ODL on teachers/ Math teachers	.329	-.688	.409	.296	.226						
&&Positive experiences ICT	.254	-.671	.261	-.414							-.223
$$$Technological knowledge	.302	-.648	.279	-.589							
@@@PD course outline	.312	-.637	.218	-.257	.270	.228		-.247	.349		
@@@ODL and SPD	.518	-.636	.246	.406							
$$$DoE/policy challenges	.583	.633	.326			-.269					
$$$Content knowledge	.370	-.595	.271	-.549							.223
@@Objectives of PD	.294	-.589		-.435				.272	.293	.243	
&&value of ICT			.919				.213				
$$$ICT policy initiatives		.416	.875								
$$$$Responsibility:Teaching and learning		.397	.870				.216				
&&&Value of ICT at management level		.397	.870				.216				
$$$$Responsibility: Resources and funding		.496	.831								
$$$objectives		.503	.772								
$$$Responsibility of DoE		.615	.753								
$$$$Responsibility:Manageme		.495	.716				.245				.203
&&&ICT contribution to maths/teaching and learning		-.238	.553	-.334					-.247		-.282
***teacher and teacher-students' experiences	.450	-.270		.777							
@@@PD and social identity	.474	-.285		.693					-.334		
**value of ODL	.303		.360	.685		-.234					
$$$Pedagogical knowledge	.511	-.435	.223	-.628							
@@@individual and social identity	.364	-.588		.609							
$$TPCK	.389	-.295	.213	-.589	-.201			.394	-.265		
***Role of teacher in ODL		-.272		.584	.239	-.350					.344
**ODL technologies	.336			.376	-.733	.314					
$$$PCK (pedagogical content knowledge)	.548				-.653	.212					
@@@Teacher expectation for PD	.539				.255	.658				.226	
&&&School leaders' role in ICT		.358	.274		.283	.236	-.688	.288			
$$$$ICT initiative concerns		.409	.483		.258	.347	-.543	.235			
@@development process	.282		-.305		.424	.442	.539				
@@characteristics of professional development	.482					-.279		.570		-.427	
@@@PD instruments		-.432		-.257	-.354		.204	.524	.375	.267	-.240
**aspects influence ODL	.420			.442	-.232				.510	-.362	

Extraction Method: Principal Component Analysis.

a. 11 components extracted.

Pattern Matrix[a]

	Component

	1	2	3	4	5	6	7	8	9	10	11
$$$Teaching and learning environment	.717							-.251			.232
$$$DoE/policy challenges	.610		.426				-.200				.200
@@@School leadership role in PD	.583					.356	-.213				.227
@@PD model/framework	.583				-.207	.289					.201
****Environmental barriers in ODL	.479	-.466							.313		.272
$$$Content knowledge		-.947									
$$$Technological knowledge		-.914									
$$$Pedagogical knowledge		-.848									
@@@@Feedback on PD courses		-.741		.290		.249					
@@@Contributors to SPD		-.682			-.287			.238			
@@@PD course outline		-.664			.232	.401		.224		.333	
&Positive experiences ICT	.224	-.520						.378		.310	
&Value of ICT at management level			.993								
$$$$Responsibility:Teaching and learning			.993								
$$$ICT policy initiatives			.958								
$$$objectives			.935								
$$$$Responsibility:Manageme			.914								.237
$$$$Responsibility: Resources and funding			.894				-.249				
&value of ICT			.872	.263							
$$$Responsibility of DoE			.782				-.373				
@@@PD and social identity		.227		.958	-.262						
***teacher and teacher-students' experiences				.955							
@@@individual and social identity				.895							
***effect of ODL on teachers/ Math teachers		-.242		.796						.207	
@@@ICT and SPD		-.394		.785					-.206		
**value of ODL	.225	.272	.230	.770							
@@@@building an PD/Social identity		-.357		.680	-.230						
@@@ODL and SPD		-.368		.637					.300		
@@@PD course activities and data collection		-.522		.602	.269						-.248
***Role of teacher in ODL	-.263			.520	.369				.450		.356
****Teacher barriers in ODL	.483			.516					.294		.220
**ODL technologies		.209			-.908			.233			
$$$PCK (pedagogical content knowledge)					-.901						
@@@@Recommendations for PD	.297				-.688	.259					
**PD through ODL	.234	-.221			-.647				.249		.205
&Teacher barriers		-.296			-.568					-.201	.340
$$$Influence of policy on teachers	.221				-.555						.352
@@PD strategies	.238			.206	-.481	.457					

***ODL barriers				.421	-.478				.477		
&Barriers to ICT		-.203			-.429	.369	-.329	-.204			
@@development process						.977				-.216	
@@@Teacher expectation for PD	-.229					.878				.205	
@@@Enablers	.258					.800					
@@influences PD	.479					.624					
@@role of teacher in PD	.356	.345		.282		.480				-.229	
@@@PD concerns	.237				-.395	.396	-.313				
&School leaders' role in ICT							-.967				
$$$$ICT initiative concerns			.257				-.901				
&Environme	.358						-.768				
@@@PD instruments								1.012			
@@Objectives of PD		-.306						.780			
**aspects influence ODL					-.315				.840		
&ICT contribution to maths/teaching and learning	.235		.405						-.515		
$$TPCK		-.425			-.228			.369	-.450	-.354	
@@characteristics of professional development										-.849	
$$$$Responsibility towards PD											.891
$$Role of teacher	.243	-.339							-.214		.669
&ICT integration prioirities					-.293						.638

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.
a. Rotation converged in 20 iterations.

Structure Matrix

	Component										
	1	2	3	4	5	6	7	8	9	10	11
@@PD model/framework	.823				-.470	.561	-.257		.311	-.358	.605
$$$Teaching and learning environment	.804				-.277			-.314		-.255	.529
@@@School leadership role in PD	.796				-.229	.581	-.379		.229	-.391	.600
$$$DoE/policy challenges	.792		.489		-.282	.270	-.428			-.306	.539
****Environmental barriers in ODL	.673	-.612		.386	-.219	.260		.312	.349		.490
$$$Technological knowledge		-.966						.474	-.310		
$$$Content knowledge		-.956						.459	-.252		
$$$Pedagogical knowledge	.332	-.917						.459			.223
@@@@Feedback on PD courses		-.850		.487		.272		.405		.241	
@@@Contributors to SPD	.350	-.838		.376	-.384			.507			
@@@PD course outline		-.764		.285		.342		.470		.373	
&Positive experiences ICT		-.759		.222				.617	-.292	.356	
$$TPCK		-.624			-.248			.542	-.489	-.339	.227
&Value of ICT at management level			.989				-.223				

$$$$Responsibility:Teaching and learning			.989				-.223					
$$$ICT policy initiatives			.981				-.320					
$$$$Responsibility: Resources and funding			.949				-.448					
$$$objectives			.938				-.217					
$$$$Responsibility:Manageme			.896									
$$$Responsibility of DoE	.213		.885				-.582					
&value of ICT		-.227	.843	.296				.306				
@@@individual and social identity		-.261		.939			.216		.289			
***teacher and teacher-students' experiences				.925	-.239				.376			
@@@PD and social identity				.897	-.332	.207						
***effect of ODL on teachers/ Math teachers		-.486		.849				.381		.277		
@@@ICT and SPD		-.620		.834				.423				
@@@ODL and SPD		-.500		.831	-.209			.373	.381			
@@@@building an PD/Social identity	.275	-.550		.823	-.371	.279		.271	.250		.211	
**value of ODL			.261	.771					.395			
@@@PD course activities and data collection		-.605		.680	.216		.259	.217			-.221	
****Teacher barriers in ODL	.640	-.383		.660		.301		.239	.453		.440	
***Role of teacher in ODL				.579	.266				.555			
$$$PCK (pedagogical content knowledge)					-.908					-.228	.279	
@@@@Recommendations for PD	.572				-.840	.510				-.205	.452	
**ODL technologies				.267	-.840				.234			
**PD through ODL	.523	-.210		.215	-.793	.299			.381		.481	
&Teacher barriers	.568	-.365			-.740	.376	-.236			-.351	.633	
$$$Influence of policy on teachers	.517				-.696	.272					.568	
@@PD strategies	.523			.376	-.679	.663			.334		.434	
&Barriers to ICT	.533	-.211			-.615	.615	-.471	-.220		-.304	.478	
@@@Enablers	.474				-.346	.904		-.255			.267	
@@development process						.885				-.286		
@@@Teacher expectation for PD				.200	-.310	.882	-.233				.200	
@@influences PD	.704					.769	-.205			-.325	.466	
@@@PD concerns	.571				-.610	.643	-.441		.263		.523	
@@role of teacher in PD	.510			.290		.611			.235	-.388	.416	
&School leaders' role in ICT			.231				-.926					
$$$$ICT initiative concerns			.469				-.908					
&Environme	.568				-.206	.346	-.843				.432	
@@@PD instruments								.943				
@@Objectives of PD		-.607						.886				
**aspects influence ODL	.297			.207	-.410				.853			
***ODL barriers	.332			.576	-.617	.252			.669		.254	
&ICT contribution to maths/teaching and learning		-.385	.405					.334	-.545	.252		

@@characteristics of professional development	.258					.311			.244	-.882	.316
$$$$Responsibility towards PD	.263									-.320	.872
$$Role of teacher	.581	-.383			-.223	.281				-.352	.802
&&ICT integration prioirities	.436				-.466	.220			.240		.753

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

Component Correlation Matrix

Component	1	2	3	4	5	6	7	8	9	10	11
1	1.000	-.158	.062	.053	-.226	.258	-.134	-.050	.114	-.163	.391
2	-.158	1.000	.072	-.210	.051	-.091	-.029	-.378	.159	-.060	-.042
3	.062	.072	1.000	-.005	-.008	-.119	-.230	-.019	-.034	.093	.001
4	.053	-.210	-.005	1.000	-.092	.108	.124	.169	.242	.037	-.006
5	-.226	.051	-.008	-.092	1.000	-.187	.081	.011	-.122	.078	-.231
6	.258	-.091	-.119	.108	-.187	1.000	-.111	-.052	.101	-.133	.216
7	-.134	-.029	-.230	.124	.081	-.111	1.000	.166	.009	.047	-.148
8	-.050	-.378	-.019	.169	.011	-.052	.166	1.000	-.088	.028	-.042
9	.114	.159	-.034	.242	-.122	.101	.009	-.088	1.000	-.045	.139
10	-.163	-.060	.093	.037	.078	-.133	.047	.028	-.045	1.000	-.221
11	.391	-.042	.001	-.006	-.231	.216	-.148	-.042	.139	-.221	1.000

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@Schoolleadershiproleinpd @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
  /MISSING PAIRWISE
  /ANALYSIS @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@Schoolleadershiproleinpd @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
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  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(3) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
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Factor Analysis

Notes

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	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives @$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioiritie
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[DataSet59]

Correlation Matrix[a,b]

a. Determinant = .000

b. This matrix is not positive definite.

Communalities

	Initial	Extraction
$$$$ICT initiative concerns	1.000	.417
$$$$Responsibility towards PD	1.000	.293
$$$$Responsibility: Resources and funding	1.000	.946

	1.000	.762
$$$$Responsibility:Manageme		
$$$$Responsibility:Teaching and learning	1.000	.931
$$$Content knowledge	1.000	.564
$$$DoE/policy challenges	1.000	.847
$$$ICT policy initiatives	1.000	.958
$$$Influence of policy on teachers	1.000	.592
$$$objectives	1.000	.852
$$$PCK (pedagogical content knowledge)	1.000	.356
$$$Pedagogical knowledge	1.000	.500
$$$Responsibility of DoE	1.000	.947
$$$Teaching and learning environment	1.000	.504
$$$Technological knowledge	1.000	.589
$$Role of teacher	1.000	.471
$$TPCK	1.000	.284
&Environme	1.000	.533
&ICT contribution to maths/teaching and learning	1.000	.362
&School leaders' role in ICT	1.000	.210
&Teacher barriers	1.000	.800
&Value of ICT at management level	1.000	.931
&Barriers to ICT	1.000	.778
&ICT integration prioirities	1.000	.525
&Positive experiences ICT	1.000	.582
&value of ICT	1.000	.850
****Environmental barriers in ODL	1.000	.724
****Teacher barriers in ODL	1.000	.707
***effect of ODL on teachers/ Math teachers	1.000	.749
***ODL barriers	1.000	.489
***Role of teacher in ODL	1.000	.087
***teacher and teacher-students' experiences	1.000	.283
**aspects influence ODL	1.000	.208
**ODL technologies	1.000	.121
**PD through ODL	1.000	.685
**value of ODL	1.000	.242
@@@@building an PD/Social identity	1.000	.851
@@@@Feedback on PD courses	1.000	.776
@@@@Recommendations for PD	1.000	.812
@@@Contributors to SPD	1.000	.789
@@@Enablers	1.000	.585

@@@ICT and SPD	1.000	.859
@@@individual and social identity	1.000	.505
@@@ODL and SPD	1.000	.733
@@@PD and social identity	1.000	.310
@@@PD concerns	1.000	.848
@@@PD course activities and data collection	1.000	.642
@@@PD course outline	1.000	.550
@@@PD instruments	1.000	.190
@@@School leadership role in PD	1.000	.789
@@@Teacher expectation for PD	1.000	.311
@@characteristics of professional development	1.000	.269
@@development process	1.000	.186
@@influences PD	1.000	.621
@@Objectives of PD	1.000	.445
@@PD model/framework	1.000	.916
@@PD strategies	1.000	.829
@@role of teacher in PD	1.000	.438

Extraction Method: Principal Component Analysis.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	15.257	26.306	26.306	15.257	26.306	26.306	14.345
2	10.834	18.679	44.984	10.834	18.679	44.984	11.671
3	7.842	13.521	58.506	7.842	13.521	58.506	8.482
4	6.179	10.653	69.159				
5	3.304	5.696	74.855				
6	2.720	4.690	79.545				
7	2.147	3.702	83.247				
8	1.672	2.883	86.130				
9	1.505	2.595	88.725				
10	1.192	2.055	90.780				
11	1.066	1.838	92.618				
12	.806	1.389	94.007				
13	.711	1.226	95.232				
14	.657	1.132	96.364				
15	.548	.945	97.310				
16	.472	.813	98.123				
17	.345	.595	98.718				
18	.257	.443	99.162				
19	.182	.314	99.476				
20	.140	.241	99.717				
21	.095	.164	99.881				
22	.069	.119	100.000				
23	4.492E-15	7.746E-15	100.000				
24	3.278E-15	5.651E-15	100.000				
25	2.063E-15	3.557E-15	100.000				
26	1.730E-15	2.983E-15	100.000				
27	1.645E-15	2.836E-15	100.000				
28	1.471E-15	2.536E-15	100.000				
29	1.276E-15	2.200E-15	100.000				
30	1.035E-15	1.785E-15	100.000				

31	9.715E-16	1.675E-15	100.000				
32	9.365E-16	1.615E-15	100.000				
33	7.278E-16	1.255E-15	100.000				
34	5.912E-16	1.019E-15	100.000				
35	5.254E-16	9.059E-16	100.000				
36	4.388E-16	7.565E-16	100.000				
37	2.992E-16	5.158E-16	100.000				
38	2.379E-16	4.102E-16	100.000				
39	1.300E-16	2.241E-16	100.000				
40	-2.705E-17	-4.664E-17	100.000				
41	-9.793E-17	-1.688E-16	100.000				
42	-1.461E-16	-2.518E-16	100.000				
43	-1.907E-16	-3.287E-16	100.000				
44	-3.388E-16	-5.841E-16	100.000				
45	-3.635E-16	-6.267E-16	100.000				
46	-6.017E-16	-1.037E-15	100.000				
47	-6.854E-16	-1.182E-15	100.000				
48	-7.679E-16	-1.324E-15	100.000				
49	-8.277E-16	-1.427E-15	100.000				
50	-9.368E-16	-1.615E-15	100.000				
51	-1.013E-15	-1.746E-15	100.000				
52	-1.159E-15	-1.998E-15	100.000				
53	-1.267E-15	-2.185E-15	100.000				
54	-1.561E-15	-2.691E-15	100.000				
55	-1.581E-15	-2.726E-15	100.000				
56	-1.869E-15	-3.222E-15	100.000				
57	-2.069E-15	-3.566E-15	100.000				
58	-2.731E-15	-4.708E-15	100.000				

Extraction Method: Principal Component Analysis.

a. When components are correlated, sums of squared loadings cannot be added to obtain a total variance.

Component Matrix[a]

	Component		
	1	2	3
@@PD strategies	.897		
@@@@Recommendations for PD	.863	.220	
&&Teacher barriers	.862	.233	
****Environmental barriers in ODL	.817		
@@PD model/framework	.812	.475	
****Teacher barriers in ODL	.810		
@@@PD concerns	.810	.410	
**PD through ODL	.793	.222	
&Barriers to ICT	.776	.403	
@@@@building an PD/Social identity	.761	-.469	.229
@@@Contributors to SPD	.724	-.483	
***ODL barriers	.685		
$$$Influence of policy on teachers	.679	.354	
@@@School leadership role in PD	.674	.560	
@@influences PD	.672	.376	
$$Role of teacher	.656	.204	
@@@Enablers	.639	.321	-.271
@@role of teacher in PD	.572	.254	-.215
$$$PCK (pedagogical content knowledge)	.548		

&&&Environme	.542	.453	
@@@Teacher expectation for PD	.539		
&ICT integration prioirities	.513	.505	
$$$Pedagogical knowledge	.511	-.435	.223
$$$Teaching and learning environment	.506	.471	
@@characteristics of professional development	.482		
@@@PD and social identity	.474	-.285	
***teacher and teacher-students' experiences	.450	-.270	
**aspects influence ODL	.420		
$$TPCK	.389	-.295	.213
$$$$Responsibility towards PD	.385	.340	
**ODL technologies	.336		
@@@ICT and SPD	.424	-.764	.309
@@@PD course activities and data collection	.299	-.728	
@@@@Feedback on PD courses	.446	-.723	.234
***effect of ODL on teachers/ Math teachers	.329	-.688	.409
&Positive experiences ICT	.254	-.671	.261
$$$Technological knowledge	.302	-.648	.279
@@@PD course outline	.312	-.637	.218
@@@ODL and SPD	.518	-.636	.246
$$$DoE/policy challenges	.583	.633	.326
$$$Content knowledge	.370	-.595	.271
@@Objectives of PD	.294	-.589	
@@@individual and social identity	.364	-.588	
@@@PD instruments		-.432	
&&School leaders' role in ICT		.358	.274
***Role of teacher in ODL		-.272	
&value of ICT			.919
$$$ICT policy initiatives		.416	.875
$$$$Responsibility:Teaching and learning		.397	.870
&Value of ICT at management level		.397	.870
$$$$Responsibility: Resources and funding		.496	.831
$$$objectives		.503	.772
$$$Responsibility of DoE		.615	.753
$$$$Responsibility:Manageme		.495	.716
&ICT contribution to maths/teaching and learning		-.238	.553
$$$$ICT initiative concerns		.409	.483
**value of ODL	.303		.360

@@development process	.282		-.305

Extraction Method: Principal Component Analysis.
a. 3 components extracted.

Pattern Matrix[a]

	Component		
	1	2	3
@@PD model/framework	.961		
@@@PD concerns	.924		
&Barriers to ICT	.884		
@@@School leadership role in PD	.878	.215	
@@@@Recommendations for PD	.874		
&Teacher barriers	.861		
@@PD strategies	.842	-.260	
**PD through ODL	.805		
@@influences PD	.792		
@@@Enablers	.757		
$$$DoE/policy challenges	.742		.533
$$$Influence of policy on teachers	.740		
&ICT integration prioirities	.700	.215	
$$$Teaching and learning environment	.694	.225	
$$Role of teacher	.664		
@@role of teacher in PD	.657		
&Environme	.647		.333
***ODL barriers	.624	-.249	
$$$PCK (pedagogical content knowledge)	.585		
****Environmental barriers in ODL	.580	-.571	
****Teacher barriers in ODL	.578	-.559	
$$$$Responsibility towards PD	.528		
@@@Teacher expectation for PD	.514		
@@characteristics of professional development	.482		
**aspects influence ODL	.453		
@@development process	.357		-.246
**ODL technologies	.286		
@@@ICT and SPD		-.929	
@@@@Feedback on PD courses		-.873	
***effect of ODL on teachers/ Math teachers		-.870	
@@@ODL and SPD		-.840	
@@@@building an PD/Social identity	.382	-.806	
@@@Contributors to SPD	.353	-.778	
@@@PD course activities and data collection		-.777	

$$$Technological knowledge		-.769	
&Positive experiences ICT		-.759	
$$$Content knowledge		-.754	
@@@PD course outline		-.739	
@@@individual and social identity		-.699	
$$$Pedagogical knowledge		-.667	
@@Objectives of PD		-.646	
$$TPCK		-.498	
@@@PD and social identity	.256	-.464	
***teacher and teacher-students' experiences	.238	-.450	
&ICT contribution to maths/teaching and learning	-.214	-.435	.418
**value of ODL		-.403	.269
@@@PD instruments	-.209	-.376	
***Role of teacher in ODL		-.285	
$$$ICT policy initiatives			.974
$$$$Responsibility: Resources and funding			.964
&Value of ICT at management level			.962
$$$$Responsibility:Teaching and learning			.962
$$$Responsibility of DoE			.934
$$$objectives			.911
$$$$Responsibility:Manageme			.856
&value of ICT		-.457	.833
$$$$ICT initiative concerns			.609
&School leaders' role in ICT		.202	.394

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.
a. Rotation converged in 6 iterations.

Structure Matrix

	Component		
	1	2	3
@@PD model/framework	.952		
@@@PD concerns	.920		
@@@@Recommendations for PD	.887	-.230	
&Barriers to ICT	.881		
&Teacher barriers	.878	-.250	
@@PD strategies	.866	-.347	
@@@School leadership role in PD	.858		
**PD through ODL	.817	-.208	
@@influences PD	.784		
@@@Enablers	.747		
$$$Influence of policy on teachers	.746		

$$$DoE/policy challenges	.737		.549
&ICT integration prioirities	.681		
$$Role of teacher	.675		
$$$Teaching and learning environment	.673		
@@role of teacher in PD	.651		
***ODL barriers	.649	-.299	
&Environme	.647		.343
****Environmental barriers in ODL	.634	-.624	
****Teacher barriers in ODL	.631	-.613	
$$$PCK (pedagogical content knowledge)	.587		
@@@Teacher expectation for PD	.525		
$$$$Responsibility towards PD	.511		
@@characteristics of professional development	.487		
**aspects influence ODL	.455		
@@development process	.346		-.234
**ODL technologies	.301		
@@@ICT and SPD		-.924	
@@@@Feedback on PD courses		-.877	
@@@ODL and SPD		-.851	
***effect of ODL on teachers/ Math teachers		-.850	
@@@@building an PD/Social identity	.457	-.841	
@@@Contributors to SPD	.426	-.815	
@@@PD course activities and data collection		-.777	-.212
$$$Technological knowledge		-.759	
$$$Content knowledge		-.751	
&Positive experiences ICT		-.746	
@@@PD course outline		-.735	
@@@individual and social identity		-.705	
$$$Pedagogical knowledge	.248	-.682	
@@Objectives of PD		-.651	
$$TPCK		-.506	
@@@PD and social identity	.299	-.492	
***teacher and teacher-students' experiences	.280	-.475	
**value of ODL		-.393	.239
&ICT contribution to maths/teaching and learning		-.383	.382
@@@PD instruments		-.365	
***Role of teacher in ODL		-.283	
$$$ICT policy initiatives			.974
$$$$Responsibility: Resources and funding			.969

&&&Value of ICT at management level			.960
$$$$Responsibility:Teaching and learning			.960
$$$Responsibility of DoE		.201	.947
$$$objectives			.918
$$$$Responsibility:Manageme			.865
&&value of ICT		-.380	.797
$$$$ICT initiative concerns		.222	.622
&&&School leaders' role in ICT		.228	.411

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

Component Correlation Matrix

Component	1	2	3
1	1.000	-.094	.010
2	-.094	1.000	.077
3	.010	.077	1.000

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@Schoolleadershiproleinpd @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
  /MISSING PAIRWISE
  /ANALYSIS @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@Schoolleadershiproleinpd @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(4) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
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Factor Analysis

Notes

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[DataSet59]

Correlation Matrix[a,b]

a. Determinant = .000

b. This matrix is not positive definite.

Communalities

	Initial	Extraction
$$$$ICT initiative concerns	1.000	.422
$$$$Responsibility towards PD	1.000	.330
$$$$Responsibility: Resources and funding	1.000	.947

	1.000	.763
$$$$Responsibility:Manageme		
$$$$Responsibility:Teaching and learning	1.000	.933
$$$Content knowledge	1.000	.866
$$$DoE/policy challenges	1.000	.856
$$$ICT policy initiatives	1.000	.959
$$$Influence of policy on teachers	1.000	.600
$$$objectives	1.000	.857
$$$PCK (pedagogical content knowledge)	1.000	.363
$$$Pedagogical knowledge	1.000	.894
$$$Responsibility of DoE	1.000	.947
$$$Teaching and learning environment	1.000	.509
$$$Technological knowledge	1.000	.935
$$Role of teacher	1.000	.645
$$TPCK	1.000	.631
&Environme	1.000	.623
&ICT contribution to maths/teaching and learning	1.000	.474
&School leaders' role in ICT	1.000	.224
&Teacher barriers	1.000	.860
&Value of ICT at management level	1.000	.933
&Barriers to ICT	1.000	.809
&ICT integration prioirities	1.000	.525
&Positive experiences ICT	1.000	.754
&value of ICT	1.000	.852
****Environmental barriers in ODL	1.000	.744
****Teacher barriers in ODL	1.000	.751
***effect of ODL on teachers/ Math teachers	1.000	.837
***ODL barriers	1.000	.839
***Role of teacher in ODL	1.000	.428
***teacher and teacher-students' experiences	1.000	.886
**aspects influence ODL	1.000	.404
**ODL technologies	1.000	.262
**PD through ODL	1.000	.697
**value of ODL	1.000	.711
@@@@building an PD/Social identity	1.000	.930
@@@@Feedback on PD courses	1.000	.808
@@@@Recommendations for PD	1.000	.812
@@@Contributors to SPD	1.000	.891
@@@Enablers	1.000	.587

@@@ICT and SPD	1.000	.888
@@@individual and social identity	1.000	.876
@@@ODL and SPD	1.000	.898
@@@PD and social identity	1.000	.791
@@@PD concerns	1.000	.851
@@@PD course activities and data collection	1.000	.659
@@@PD course outline	1.000	.616
@@@PD instruments	1.000	.256
@@@School leadership role in PD	1.000	.811
@@@Teacher expectation for PD	1.000	.312
@@characteristics of professional development	1.000	.269
@@development process	1.000	.189
@@influences PD	1.000	.695
@@Objectives of PD	1.000	.635
@@PD model/framework	1.000	.922
@@PD strategies	1.000	.853
@@role of teacher in PD	1.000	.493

Extraction Method: Principal Component Analysis.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	15.257	26.306	26.306	15.257	26.306	26.306	14.033
2	10.834	18.679	44.984	10.834	18.679	44.984	9.937
3	7.842	13.521	58.506	7.842	13.521	58.506	8.599
4	6.179	10.653	69.159	6.179	10.653	69.159	8.993
5	3.304	5.696	74.855				
6	2.720	4.690	79.545				
7	2.147	3.702	83.247				
8	1.672	2.883	86.130				
9	1.505	2.595	88.725				
10	1.192	2.055	90.780				
11	1.066	1.838	92.618				
12	.806	1.389	94.007				
13	.711	1.226	95.232				
14	.657	1.132	96.364				
15	.548	.945	97.310				
16	.472	.813	98.123				
17	.345	.595	98.718				
18	.257	.443	99.162				
19	.182	.314	99.476				
20	.140	.241	99.717				
21	.095	.164	99.881				
22	.069	.119	100.000				
23	4.492E-15	7.746E-15	100.000				
24	3.278E-15	5.651E-15	100.000				
25	2.063E-15	3.557E-15	100.000				
26	1.730E-15	2.983E-15	100.000				
27	1.645E-15	2.836E-15	100.000				
28	1.471E-15	2.536E-15	100.000				
29	1.276E-15	2.200E-15	100.000				
30	1.035E-15	1.785E-15	100.000				

31	9.715E-16	1.675E-15	100.000				
32	9.365E-16	1.615E-15	100.000				
33	7.278E-16	1.255E-15	100.000				
34	5.912E-16	1.019E-15	100.000				
35	5.254E-16	9.059E-16	100.000				
36	4.388E-16	7.565E-16	100.000				
37	2.992E-16	5.158E-16	100.000				
38	2.379E-16	4.102E-16	100.000				
39	1.300E-16	2.241E-16	100.000				
40	-2.705E-17	-4.664E-17	100.000				
41	-9.793E-17	-1.688E-16	100.000				
42	-1.461E-16	-2.518E-16	100.000				
43	-1.907E-16	-3.287E-16	100.000				
44	-3.388E-16	-5.841E-16	100.000				
45	-3.635E-16	-6.267E-16	100.000				
46	-6.017E-16	-1.037E-15	100.000				
47	-6.854E-16	-1.182E-15	100.000				
48	-7.679E-16	-1.324E-15	100.000				
49	-8.277E-16	-1.427E-15	100.000				
50	-9.368E-16	-1.615E-15	100.000				
51	-1.013E-15	-1.746E-15	100.000				
52	-1.159E-15	-1.998E-15	100.000				
53	-1.267E-15	-2.185E-15	100.000				
54	-1.561E-15	-2.691E-15	100.000				
55	-1.581E-15	-2.726E-15	100.000				
56	-1.869E-15	-3.222E-15	100.000				
57	-2.069E-15	-3.566E-15	100.000				
58	-2.731E-15	-4.708E-15	100.000				

Extraction Method: Principal Component Analysis.

a. When components are correlated, sums of squared loadings cannot be added to obtain a total variance.

Component Matrix[a]

	Component			
	1	2	3	4
@@PD strategies	.897			
@@@@Recommendations for PD	.863	.220		
&&Teacher barriers	.862	.233		-.246
****Environmental barriers in ODL	.817			
@@PD model/framework	.812	.475		
****Teacher barriers in ODL	.810			.209
@@@PD concerns	.810	.410		
**PD through ODL	.793	.222		
&Barriers to ICT	.776	.403		
@@@@building an PD/Social identity	.761	-.469	.229	.281
@@@Contributors to SPD	.724	-.483		-.320
***ODL barriers	.685			.592
$$$Influence of policy on teachers	.679	.354		
@@@School leadership role in PD	.674	.560		
@@influences PD	.672	.376		-.272
$$Role of teacher	.656	.204		-.416
@@@Enablers	.639	.321	-.271	
@@role of teacher in PD	.572	.254	-.215	.234
$$$PCK (pedagogical content knowledge)	.548			

&&&Environme	.542	.453		-.300
@@@Teacher expectation for PD	.539			
&ICT integration prioirities	.513	.505		
$$$Teaching and learning environment	.506	.471		
@@characteristics of professional development	.482			
$$$$Responsibility towards PD	.385	.340		
@@@ICT and SPD	.424	-.764	.309	
@@@PD course activities and data collection	.299	-.728		
@@@@Feedback on PD courses	.446	-.723	.234	
***effect of ODL on teachers/ Math teachers	.329	-.688	.409	.296
&Positive experiences ICT	.254	-.671	.261	-.414
$$$Technological knowledge	.302	-.648	.279	-.589
@@@PD course outline	.312	-.637	.218	-.257
@@@ODL and SPD	.518	-.636	.246	.406
$$$DoE/policy challenges	.583	.633	.326	
$$$Content knowledge	.370	-.595	.271	-.549
@@Objectives of PD	.294	-.589		-.435
@@@PD instruments		-.432		-.257
&&School leaders' role in ICT		.358	.274	
&value of ICT			.919	
$$$ICT policy initiatives		.416	.875	
$$$$Responsibility:Teaching and learning		.397	.870	
&&Value of ICT at management level		.397	.870	
$$$$Responsibility: Resources and funding		.496	.831	
$$$objectives		.503	.772	
$$$Responsibility of DoE		.615	.753	
$$$$Responsibility:Manageme		.495	.716	
&&ICT contribution to maths/teaching and learning		-.238	.553	-.334
$$$$ICT initiative concerns		.409	.483	
@@development process	.282		-.305	
***teacher and teacher-students' experiences	.450	-.270		.777
@@@PD and social identity	.474	-.285		.693
**value of ODL	.303		.360	.685
$$$Pedagogical knowledge	.511	-.435	.223	-.628
@@@individual and social identity	.364	-.588		.609
$$TPCK	.389	-.295	.213	-.589
***Role of teacher in ODL		-.272		.584

**aspects influence ODL	.420			.442
**ODL technologies	.336			.376

Extraction Method: Principal Component Analysis.
a. 4 components extracted.

Pattern Matrix[a]

	Component			
	1	2	3	4
@@PD model/framework	.959			
@@@PD concerns	.917			
&Barriers to ICT	.902			
@@@School leadership role in PD	.896			
&&Teacher barriers	.887	-.268		
@@@@Recommendations for PD	.853			
@@influences PD	.832			
@@PD strategies	.785			.368
**PD through ODL	.761			.261
$$$DoE/policy challenges	.750		.540	
$$$Influence of policy on teachers	.742			
@@@Enablers	.735			
$$Role of teacher	.730	-.336		-.216
$$$Teaching and learning environment	.701			
&&Environme	.697		.337	
&ICT integration prioirities	.696			
@@role of teacher in PD	.596			.254
****Environmental barriers in ODL	.578	-.526		.246
$$$$Responsibility towards PD	.561			
$$$PCK (pedagogical content knowledge)	.554			
@@@Teacher expectation for PD	.495			
@@characteristics of professional development	.469			
@@development process	.364		-.243	
$$$Technological knowledge		-.973		
$$$Content knowledge		-.935		
$$$Pedagogical knowledge	.287	-.910		
&Positive experiences ICT		-.858		
@@@Contributors to SPD	.386	-.803		
@@@@Feedback on PD courses		-.798		.293
@@Objectives of PD		-.777		
$$TPCK	.250	-.755		-.231
@@@PD course outline		-.742		
@@@ICT and SPD		-.629		.621

&&&ICT contribution to maths/teaching and learning		-.563	.408	
@@@PD course activities and data collection		-.532		.494
@@@PD instruments		-.458		
$$$ICT policy initiatives			.978	
$$$$Responsibility: Resources and funding			.969	
&&&Value of ICT at management level			.965	
$$$$Responsibility:Teaching and learning			.965	
$$$Responsibility of DoE			.942	
$$$objectives			.917	
$$$$Responsibility:Manageme			.862	
&&value of ICT		-.358	.826	.293
$$$$ICT initiative concerns			.615	
&&&School leaders' role in ICT			.401	
***teacher and teacher-students' experiences				.936
@@@individual and social identity				.888
@@@PD and social identity				.871
**value of ODL			.263	.832
@@@ODL and SPD		-.409		.799
***ODL barriers	.483			.725
@@@@building an PD/Social identity	.291	-.453		.710
***effect of ODL on teachers/ Math teachers	-.215	-.509		.698
***Role of teacher in ODL				.645
****Teacher barriers in ODL	.506	-.299		.543
**aspects influence ODL	.353	.268		.449
**ODL technologies				.448

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.
a. Rotation converged in 10 iterations.

Structure Matrix

	Component			
	1	2	3	4
@@PD model/framework	.958			
@@@PD concerns	.921			
&Barriers to ICT	.895			
&&&Teacher barriers	.888	-.274		
@@@School leadership role in PD	.879			
@@@@Recommendations for PD	.874			.287
@@PD strategies	.829			.480
@@influences PD	.812			
**PD through ODL	.792			.354

$$$Influence of policy on teachers	.748			
$$$DoE/policy challenges	.747		.545	
@@@Enablers	.742			
$$Role of teacher	.709	-.313		
&ICT integration prioirities	.690			
$$$Teaching and learning environment	.688			
&Environme	.676		.343	
@@role of teacher in PD	.624			.308
****Environmental barriers in ODL	.613	-.563		.381
$$$PCK (pedagogical content knowledge)	.572			.225
$$$$Responsibility towards PD	.538			
@@@Teacher expectation for PD	.513			.221
@@characteristics of professional development	.480			
@@development process	.355		-.233	
$$$Technological knowledge		-.959		
$$$Content knowledge		-.925		
$$$Pedagogical knowledge	.277	-.890		
&Positive experiences ICT		-.862		
@@@@Feedback on PD courses		-.843		.403
@@@Contributors to SPD	.415	-.833		.322
@@Objectives of PD		-.781	-.204	
@@@PD course outline		-.766		.244
$$TPCK	.231	-.724		
@@@ICT and SPD		-.710		.691
@@@PD course activities and data collection		-.606	-.250	.556
&ICT contribution to maths/teaching and learning		-.523	.373	
@@@PD instruments		-.458		
$$$ICT policy initiatives			.974	
$$$$Responsibility: Resources and funding			.971	
&Value of ICT at management level			.959	
$$$$Responsibility:Teaching and learning			.959	
$$$Responsibility of DoE			.949	
$$$objectives			.919	
$$$$Responsibility:Manageme			.868	
&value of ICT		-.334	.775	.251
$$$$ICT initiative concerns			.631	
&School leaders' role in ICT			.422	-.219

***teacher and teacher-students' experiences				.930
@@@individual and social identity		-.292		.901
@@@PD and social identity				.879
@@@ODL and SPD		-.515		.853
@@@@building an PD/Social identity	.380	-.548		.803
**value of ODL				.792
***ODL barriers	.567			.749
***effect of ODL on teachers/ Math teachers		-.590		.731
****Teacher barriers in ODL	.574	-.374		.641
***Role of teacher in ODL				.611
**aspects influence ODL	.403	.205		.458
**ODL technologies	.250			.451

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

Component Correlation Matrix

Component	1	2	3	4
1	1.000	-.011	.000	.118
2	-.011	1.000	.073	-.128
3	.000	.073	1.000	-.085
4	.118	-.128	-.085	1.000

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
@@@@FeedbackonPDcourses @@@@RecommendationsforPD @@@ContributorstoSPD @@@Enablers @@@ICTandSPD @@@individualandsocialidentity @@@ODLandSPD @@@PDandsocialidentity @@@PDconcerns @@@PDcourseactivitiesanddatacollection @@@PDcourseoutline @@@PDinstruments
@@@Schoolleadershiproleinpd @@@TeacherexpectationforPD @@characteristicsofprofessionaldevelopment @@developmentprocess @@influencesPD @@ObjectivesofPD @@PDmodelframework @@PDstrategies @@roleofteacherinPD
  /MISSING PAIRWISE
  /ANALYSIS @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives
@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
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Factor Analysis

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	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives @$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCKampampampEnvironmentalbarriers ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioiritie
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[DataSet59]

Correlation Matrix[a,b]

a. Determinant = .000

b. This matrix is not positive definite.

Communalities

	Initial	Extraction
$$$$ICT initiative concerns	1.000	.489
$$$$Responsibility towards PD	1.000	.330
$$$$Responsibility: Resources and funding	1.000	.952

	1.000	.771
$$$$Responsibility:Manageme		
$$$$Responsibility:Teaching and learning	1.000	.933
$$$Content knowledge	1.000	.878
$$$DoE/policy challenges	1.000	.875
$$$ICT policy initiatives	1.000	.959
$$$Influence of policy on teachers	1.000	.719
$$$objectives	1.000	.890
$$$PCK (pedagogical content knowledge)	1.000	.789
$$$Pedagogical knowledge	1.000	.899
$$$Responsibility of DoE	1.000	.948
$$$Teaching and learning environment	1.000	.511
$$$Technological knowledge	1.000	.936
$$Role of teacher	1.000	.654
$$TPCK	1.000	.671
&Environme	1.000	.718
&ICT contribution to maths/teaching and learning	1.000	.483
&School leaders' role in ICT	1.000	.304
&Teacher barriers	1.000	.941
&Value of ICT at management level	1.000	.933
&Barriers to ICT	1.000	.809
&ICT integration prioirities	1.000	.561
&Positive experiences ICT	1.000	.767
&value of ICT	1.000	.862
****Environmental barriers in ODL	1.000	.756
****Teacher barriers in ODL	1.000	.825
***effect of ODL on teachers/ Math teachers	1.000	.888
***ODL barriers	1.000	.895
***Role of teacher in ODL	1.000	.485
***teacher and teacher-students' experiences	1.000	.897
**aspects influence ODL	1.000	.458
**ODL technologies	1.000	.800
**PD through ODL	1.000	.834
**value of ODL	1.000	.719
@@@@building an PD/Social identity	1.000	.930
@@@@Feedback on PD courses	1.000	.819
@@@@Recommendations for PD	1.000	.917
@@@Contributors to SPD	1.000	.918
@@@Enablers	1.000	.698

@@@ICT and SPD	1.000	.899
@@@individual and social identity	1.000	.900
@@@ODL and SPD	1.000	.899
@@@PD and social identity	1.000	.791
@@@PD concerns	1.000	.852
@@@PD course activities and data collection	1.000	.760
@@@PD course outline	1.000	.689
@@@PD instruments	1.000	.382
@@@School leadership role in PD	1.000	.919
@@@Teacher expectation for PD	1.000	.377
@@characteristics of professional development	1.000	.285
@@development process	1.000	.369
@@influences PD	1.000	.844
@@Objectives of PD	1.000	.637
@@PD model/framework	1.000	.931
@@PD strategies	1.000	.866
@@role of teacher in PD	1.000	.597

Extraction Method: Principal Component Analysis.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	15.257	26.306	26.306	15.257	26.306	26.306	12.900
2	10.834	18.679	44.984	10.834	18.679	44.984	9.695
3	7.842	13.521	58.506	7.842	13.521	58.506	8.595
4	6.179	10.653	69.159	6.179	10.653	69.159	8.985
5	3.304	5.696	74.855	3.304	5.696	74.855	6.731
6	2.720	4.690	79.545				
7	2.147	3.702	83.247				
8	1.672	2.883	86.130				
9	1.505	2.595	88.725				
10	1.192	2.055	90.780				
11	1.066	1.838	92.618				
12	.806	1.389	94.007				
13	.711	1.226	95.232				
14	.657	1.132	96.364				
15	.548	.945	97.310				
16	.472	.813	98.123				
17	.345	.595	98.718				
18	.257	.443	99.162				
19	.182	.314	99.476				
20	.140	.241	99.717				
21	.095	.164	99.881				
22	.069	.119	100.000				
23	4.492E-15	7.746E-15	100.000				
24	3.278E-15	5.651E-15	100.000				
25	2.063E-15	3.557E-15	100.000				
26	1.730E-15	2.983E-15	100.000				
27	1.645E-15	2.836E-15	100.000				
28	1.471E-15	2.536E-15	100.000				
29	1.276E-15	2.200E-15	100.000				
30	1.035E-15	1.785E-15	100.000				

31	9.715E-16	1.675E-15	100.000				
32	9.365E-16	1.615E-15	100.000				
33	7.278E-16	1.255E-15	100.000				
34	5.912E-16	1.019E-15	100.000				
35	5.254E-16	9.059E-16	100.000				
36	4.388E-16	7.565E-16	100.000				
37	2.992E-16	5.158E-16	100.000				
38	2.379E-16	4.102E-16	100.000				
39	1.300E-16	2.241E-16	100.000				
40	-2.705E-17	-4.664E-17	100.000				
41	-9.793E-17	-1.688E-16	100.000				
42	-1.461E-16	-2.518E-16	100.000				
43	-1.907E-16	-3.287E-16	100.000				
44	-3.388E-16	-5.841E-16	100.000				
45	-3.635E-16	-6.267E-16	100.000				
46	-6.017E-16	-1.037E-15	100.000				
47	-6.854E-16	-1.182E-15	100.000				
48	-7.679E-16	-1.324E-15	100.000				
49	-8.277E-16	-1.427E-15	100.000				
50	-9.368E-16	-1.615E-15	100.000				
51	-1.013E-15	-1.746E-15	100.000				
52	-1.159E-15	-1.998E-15	100.000				
53	-1.267E-15	-2.185E-15	100.000				
54	-1.561E-15	-2.691E-15	100.000				
55	-1.581E-15	-2.726E-15	100.000				
56	-1.869E-15	-3.222E-15	100.000				
57	-2.069E-15	-3.566E-15	100.000				
58	-2.731E-15	-4.708E-15	100.000				

Extraction Method: Principal Component Analysis.

a. When components are correlated, sums of squared loadings cannot be added to obtain a total variance.

Component Matrix[a]

	Component				
	1	2	3	4	5
@@PD strategies	.897				
@@@@Recommendations for PD	.863	.220			-.324
&&Teacher barriers	.862	.233		-.246	-.284
****Environmental barriers in ODL	.817				
@@PD model/framework	.812	.475			
****Teacher barriers in ODL	.810			.209	.272
@@@PD concerns	.810	.410			
**PD through ODL	.793	.222			-.370
&Barriers to ICT	.776	.403			
@@@@building an PD/Social identity	.761	-.469	.229	.281	
@@@Contributors to SPD	.724	-.483		-.320	
***ODL barriers	.685			.592	-.236
$$$Influence of policy on teachers	.679	.354			-.344
@@@School leadership role in PD	.674	.560			.328
@@influences PD	.672	.376		-.272	.387
$$Role of teacher	.656	.204		-.416	
@@@Enablers	.639	.321	-.271		.333
@@role of teacher in PD	.572	.254	-.215	.234	.323
&&Environme	.542	.453		-.300	.307

@@@Teacher expectation for PD	.539				.255
&ICT integration prioirities	.513	.505			
$$$Teaching and learning environment	.506	.471			
@@characteristics of professional development	.482				
$$$$Responsibility towards PD	.385	.340			
@@@ICT and SPD	.424	-.764	.309		
@@@PD course activities and data collection	.299	-.728			.318
@@@@Feedback on PD courses	.446	-.723	.234		
***effect of ODL on teachers/ Math teachers	.329	-.688	.409	.296	.226
&Positive experiences ICT	.254	-.671	.261	-.414	
$$$Technological knowledge	.302	-.648	.279	-.589	
@@@PD course outline	.312	-.637	.218	-.257	.270
@@@ODL and SPD	.518	-.636	.246	.406	
$$$DoE/policy challenges	.583	.633	.326		
$$$Content knowledge	.370	-.595	.271	-.549	
@@Objectives of PD	.294	-.589		-.435	
@@@PD instruments		-.432		-.257	-.354
&School leaders' role in ICT		.358	.274		.283
&value of ICT			.919		
$$$ICT policy initiatives		.416	.875		
$$$$Responsibility:Teaching and learning		.397	.870		
&Value of ICT at management level		.397	.870		
$$$$Responsibility: Resources and funding		.496	.831		
$$$objectives		.503	.772		
$$$Responsibility of DoE		.615	.753		
$$$$Responsibility:Manageme		.495	.716		
&ICT contribution to maths/teaching and learning		-.238	.553	-.334	
$$$$ICT initiative concerns		.409	.483		.258
***teacher and teacher-students' experiences	.450	-.270		.777	
@@@PD and social identity	.474	-.285		.693	
**value of ODL	.303		.360	.685	
$$$Pedagogical knowledge	.511	-.435	.223	-.628	
@@@individual and social identity	.364	-.588		.609	
$$TPCK	.389	-.295	.213	-.589	-.201
***Role of teacher in ODL		-.272		.584	.239
**aspects influence ODL	.420			.442	-.232
**ODL technologies	.336			.376	-.733
$$$PCK (pedagogical content knowledge)	.548				-.653

@@development process	.282		-.305		.424

Extraction Method: Principal Component Analysis.
a. 5 components extracted.

Pattern Matrix[a]

	Component				
	1	2	3	4	5
@@@School leadership role in PD	.962				
@@influences PD	.939				
@@PD model/framework	.897				-.208
@@@PD concerns	.827				-.261
@@@Enablers	.816				
&&Barriers to ICT	.813				-.235
&&&Environme	.773		.349		
$$$DoE/policy challenges	.724		.545		
$$Role of teacher	.706	-.356			
@@role of teacher in PD	.678	.229		.300	
&&&Teacher barriers	.646	-.316			-.518
$$$Teaching and learning environment	.643				
@@PD strategies	.622			.303	-.423
@@@Teacher expectation for PD	.561				
****Environmental barriers in ODL	.553	-.506		.290	
@@development process	.541		-.219		.311
&&ICT integration prioirities	.524				-.402
$$$$Responsibility towards PD	.515			-.208	
@@characteristics of professional development	.478				
$$$Technological knowledge		-.970			
$$$Content knowledge		-.939			
$$$Pedagogical knowledge	.295	-.910			
&&Positive experiences ICT		-.852			
@@@Contributors to SPD	.252	-.805			-.242
$$TPCK		-.786		-.228	
@@Objectives of PD		-.772			
@@@@Feedback on PD courses		-.755		.380	
@@@PD course outline		-.693		.284	.307
&&&ICT contribution to maths/teaching and learning		-.569	.398		
@@@PD instruments	-.317	-.483			-.234
$$$ICT policy initiatives			.978		
$$$$Responsibility: Resources and funding			.972		
&&&Value of ICT at management level			.963		

$$$$Responsibility:Teaching and learning			.963		
$$$Responsibility of DoE			.942		
$$$objectives			.905		-.226
$$$$Responsibility:Manageme			.866		
&value of ICT	-.222	-.348	.821	.272	
$$$$ICT initiative concerns			.628		.252
&School leaders' role in ICT	.213		.414		.273
@@@individual and social identity				.922	
***teacher and teacher-students' experiences		.202		.921	
@@@PD and social identity				.834	-.227
**value of ODL			.281	.814	
@@@ODL and SPD		-.350		.797	
***effect of ODL on teachers/ Math teachers		-.427		.786	
@@@@building an PD/Social identity	.218	-.407		.709	-.219
***Role of teacher in ODL		.207		.687	
@@@ICT and SPD		-.563		.687	
@@@PD course activities and data collection		-.454		.621	.296
****Teacher barriers in ODL	.556	-.245		.607	
***ODL barriers	.274			.597	-.556
**ODL technologies	-.211			.206	-.876
$$$PCK (pedagogical content knowledge)					-.833
**PD through ODL	.479				-.645
@@@@Recommendations for PD	.588				-.600
$$$Influence of policy on teachers	.482				-.564
**aspects influence ODL		.263		.333	-.455

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.
a. Rotation converged in 17 iterations.

Structure Matrix

	Component				
	1	2	3	4	5
@@PD model/framework	.943				-.409
@@@School leadership role in PD	.942				
@@influences PD	.897				
@@@PD concerns	.887				-.450
&Barriers to ICT	.863				-.416
@@@Enablers	.805				
&&Teacher barriers	.763	-.335			-.667
$$$DoE/policy challenges	.749		.554		-.277
&&Environme	.741		.353		
@@@PD strategies	.740			.410	-.598
$$Role of teacher	.713	-.345			-.210
@@role of teacher in PD	.681			.316	

$$$Teaching and learning environment	.672				-.304
&ICT integration prioirities	.605				-.504
****Environmental barriers in ODL	.602	-.561		.405	-.260
@@@Teacher expectation for PD	.558			.249	
$$$$Responsibility towards PD	.527				-.212
@@characteristics of professional development	.493				
@@development process	.470		-.219		
$$$Technological knowledge		-.961			
$$$Content knowledge		-.936			
$$$Pedagogical knowledge	.287	-.900			
&Positive experiences ICT		-.861			
@@@Contributors to SPD	.336	-.849		.331	-.349
@@@@Feedback on PD courses		-.812		.487	
@@Objectives of PD		-.781	-.211		
$$TPCK		-.760			
@@@PD course outline		-.726		.362	.232
&ICT contribution to maths/teaching and learning		-.532	.364		
@@@PD instruments	-.262	-.480			
$$$ICT policy initiatives			.974		
$$$$Responsibility: Resources and funding			.973		
&Value of ICT at management level			.958		
$$$$Responsibility:Teaching and learning			.958		
$$$Responsibility of DoE			.952		
$$$objectives			.915		-.214
$$$$Responsibility:Manageme			.871		
&value of ICT		-.332	.772	.238	
$$$$ICT initiative concerns			.637		.224
&School leaders' role in ICT			.428		.234
@@@individual and social identity		-.223		.935	
***teacher and teacher-students' experiences				.912	-.238
@@@ODL and SPD		-.471		.863	-.247
@@@PD and social identity				.847	-.315
***effect of ODL on teachers/ Math teachers		-.522		.812	
@@@@building an PD/Social identity	.323	-.521		.803	-.357
**value of ODL			.214	.773	
@@@ICT and SPD		-.658		.758	
****Teacher barriers in ODL	.599	-.341		.676	

@@@@PD course activities and data collection		-.539	-.239	.668	.221
***Role of teacher in ODL				.643	
$$$PCK (pedagogical content knowledge)	.347				-.863
**ODL technologies				.268	-.847
**PD through ODL	.635			.228	-.768
@@@@Recommendations for PD	.731				-.743
$$$Influence of policy on teachers	.608				-.673
***ODL barriers	.436			.635	-.672
**aspects influence ODL	.297			.356	-.517

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

Component Correlation Matrix

Component	1	2	3	4	5
1	1.000	-.021	.005	.066	-.228
2	-.021	1.000	.066	-.141	.041
3	.005	.066	1.000	-.097	-.013
4	.066	-.141	-.097	1.000	-.101
5	-.228	.041	-.013	-.101	1.000

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

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FACTOR
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@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
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EnvironmentalbarriersinODL TeacherbarriersinODL effectofODLonteachersMathteachers ODLbarriers RoleofteacherinODL teacherandteacherstudentsexperiences aspectsinfluenceODL ODLtechnologies PDthroughODL valueofODL @@@@buildinganPDSocialidentity
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@$$$Influenceofpolicyonteachers @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCK ampampampEnvironmentalbarriers
ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioirities ampampPositiveexperiencesICT ampampvalueofICT
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  /METHOD=CORRELATION.
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Factor Analysis

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	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES @$$$$ICTinitiativeconcerns @$$$$ResponsibilitytowardsPD @$$$$ResponsibilityResourcesandfunding @$$$$ResponsibilityManagement @$$$$ResponsibilityTeachingandlearning @$$$Contentknowledge @$$$DoEpolicychallenges @$$$ICTpolicyinitiatives @$$$InfluenceofpolicyonteachersÂ @$$$objectives @$$$PCKpedagogicalcontentknowledge @$$$Pedagogicalknowledge @$$$ResponsibilityofDoE @$$$Teachingandlearningenvironment @$$$Technologicalknowledge @$$Roleofteacher @$$TPCKampampampEnvironmentalbarriers ampampampICTcontributiontomathsteachingandlearning ampampampSchoolleadersroleinICT ampampampTeacherbarriers ampampampValueofICTatmanagementlevel ampampBarrierstoICT ampampICTintegrationprioiritie
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[DataSet59]

Correlation Matrix[a,b]

a. Determinant = .000

b. This matrix is not positive definite.

Communalities

	Initial	Extraction
$$$$ICT initiative concerns	1.000	.609
$$$$Responsibility towards PD	1.000	.470
$$$$Responsibility: Resources and funding	1.000	.956

	1.000	.781
$$$$Responsibility:Manageme		
$$$$Responsibility:Teaching and learning	1.000	.934
$$$Content knowledge	1.000	.883
$$$DoE/policy challenges	1.000	.948
$$$ICT policy initiatives	1.000	.964
$$$Influence of policy on teachers	1.000	.719
$$$objectives	1.000	.890
$$$PCK (pedagogical content knowledge)	1.000	.835
$$$Pedagogical knowledge	1.000	.919
$$$Responsibility of DoE	1.000	.949
$$$Teaching and learning environment	1.000	.672
$$$Technological knowledge	1.000	.936
$$Role of teacher	1.000	.757
$$TPCK	1.000	.674
	1.000	.726
&Environme		
&ICT contribution to maths/teaching and learning	1.000	.484
&School leaders' role in ICT	1.000	.360
&Teacher barriers	1.000	.941
&Value of ICT at management level	1.000	.934
&Barriers to ICT	1.000	.895
&ICT integration prioirities	1.000	.597
&Positive experiences ICT	1.000	.771
&value of ICT	1.000	.863
****Environmental barriers in ODL	1.000	.853
****Teacher barriers in ODL	1.000	.951
***effect of ODL on teachers/ Math teachers	1.000	.888
***ODL barriers	1.000	.897
***Role of teacher in ODL	1.000	.607
***teacher and teacher-students' experiences	1.000	.906
**aspects influence ODL	1.000	.496
**ODL technologies	1.000	.898
**PD through ODL	1.000	.835
**value of ODL	1.000	.773
@@@@building an PD/Social identity	1.000	.934
@@@@Feedback on PD courses	1.000	.894
@@@@Recommendations for PD	1.000	.945
@@@Contributors to SPD	1.000	.919
@@@Enablers	1.000	.882

@@@ICT and SPD	1.000	.901
@@@individual and social identity	1.000	.900
@@@ODL and SPD	1.000	.905
@@@PD and social identity	1.000	.805
@@@PD concerns	1.000	.913
@@@PD course activities and data collection	1.000	.770
@@@PD course outline	1.000	.741
@@@PD instruments	1.000	.394
@@@School leadership role in PD	1.000	.942
@@@Teacher expectation for PD	1.000	.809
@@characteristics of professional development	1.000	.363
@@development process	1.000	.564
@@influences PD	1.000	.848
@@Objectives of PD	1.000	.676
@@PD model/framework	1.000	.948
@@PD strategies	1.000	.901
@@role of teacher in PD	1.000	.609

Extraction Method: Principal Component Analysis.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	15.257	26.306	26.306	15.257	26.306	26.306	10.733
2	10.834	18.679	44.984	10.834	18.679	44.984	9.655
3	7.842	13.521	58.506	7.842	13.521	58.506	8.551
4	6.179	10.653	69.159	6.179	10.653	69.159	8.996
5	3.304	5.696	74.855	3.304	5.696	74.855	8.567
6	2.720	4.690	79.545	2.720	4.690	79.545	6.474
7	2.147	3.702	83.247				
8	1.672	2.883	86.130				
9	1.505	2.595	88.725				
10	1.192	2.055	90.780				
11	1.066	1.838	92.618				
12	.806	1.389	94.007				
13	.711	1.226	95.232				
14	.657	1.132	96.364				
15	.548	.945	97.310				
16	.472	.813	98.123				
17	.345	.595	98.718				
18	.257	.443	99.162				
19	.182	.314	99.476				
20	.140	.241	99.717				
21	.095	.164	99.881				
22	.069	.119	100.000				
23	4.492E-15	7.746E-15	100.000				
24	3.278E-15	5.651E-15	100.000				
25	2.063E-15	3.557E-15	100.000				
26	1.730E-15	2.983E-15	100.000				
27	1.645E-15	2.836E-15	100.000				
28	1.471E-15	2.536E-15	100.000				
29	1.276E-15	2.200E-15	100.000				
30	1.035E-15	1.785E-15	100.000				

31	9.715E-16	1.675E-15	100.000				
32	9.365E-16	1.615E-15	100.000				
33	7.278E-16	1.255E-15	100.000				
34	5.912E-16	1.019E-15	100.000				
35	5.254E-16	9.059E-16	100.000				
36	4.388E-16	7.565E-16	100.000				
37	2.992E-16	5.158E-16	100.000				
38	2.379E-16	4.102E-16	100.000				
39	1.300E-16	2.241E-16	100.000				
40	-2.705E-17	-4.664E-17	100.000				
41	-9.793E-17	-1.688E-16	100.000				
42	-1.461E-16	-2.518E-16	100.000				
43	-1.907E-16	-3.287E-16	100.000				
44	-3.388E-16	-5.841E-16	100.000				
45	-3.635E-16	-6.267E-16	100.000				
46	-6.017E-16	-1.037E-15	100.000				
47	-6.854E-16	-1.182E-15	100.000				
48	-7.679E-16	-1.324E-15	100.000				
49	-8.277E-16	-1.427E-15	100.000				
50	-9.368E-16	-1.615E-15	100.000				
51	-1.013E-15	-1.746E-15	100.000				
52	-1.159E-15	-1.998E-15	100.000				
53	-1.267E-15	-2.185E-15	100.000				
54	-1.561E-15	-2.691E-15	100.000				
55	-1.581E-15	-2.726E-15	100.000				
56	-1.869E-15	-3.222E-15	100.000				
57	-2.069E-15	-3.566E-15	100.000				
58	-2.731E-15	-4.708E-15	100.000				

Extraction Method: Principal Component Analysis.

a. When components are correlated, sums of squared loadings cannot be added to obtain a total variance.

Component Matrix[a]

	Component					
	1	2	3	4	5	6
@@PD strategies	.897					
@@@@Recommendations for PD	.863	.220			-.324	
&&Teacher barriers	.862	.233		-.246	-.284	
****Environmental barriers in ODL	.817					-.313
@@PD model/framework	.812	.475				
****Teacher barriers in ODL	.810			.209	.272	-.355
@@@PD concerns	.810	.410				.247
**PD through ODL	.793	.222			-.370	
&Barriers to ICT	.776	.403				.292
@@@@building an PD/Social identity	.761	-.469	.229	.281		
@@@Contributors to SPD	.724	-.483		-.320		
***ODL barriers	.685			.592	-.236	
$$$Influence of policy on teachers	.679	.354			-.344	
@@@School leadership role in PD	.674	.560			.328	
@@influences PD	.672	.376		-.272	.387	
$$Role of teacher	.656	.204		-.416		-.320
@@@Enablers	.639	.321	-.271		.333	.428
@@role of teacher in PD	.572	.254	-.215	.234	.323	
&&Environme	.542	.453		-.300	.307	

&&ICT integration prioirities	.513	.505				
$$$Teaching and learning environment	.506	.471				-.402
@@characteristics of professional development	.482					-.279
$$$$Responsibility towards PD	.385	.340				-.374
@@@ICT and SPD	.424	-.764	.309			
@@@PD course activities and data collection	.299	-.728			.318	
@@@@Feedback on PD courses	.446	-.723	.234			.275
***effect of ODL on teachers/ Math teachers	.329	-.688	.409	.296	.226	
&&Positive experiences ICT	.254	-.671	.261	-.414		
$$$Technological knowledge	.302	-.648	.279	-.589		
@@@PD course outline	.312	-.637	.218	-.257	.270	.228
@@@ODL and SPD	.518	-.636	.246	.406		
$$$DoE/policy challenges	.583	.633	.326			-.269
$$$Content knowledge	.370	-.595	.271	-.549		
@@Objectives of PD	.294	-.589		-.435		
@@@PD instruments		-.432		-.257	-.354	
&&&School leaders' role in ICT		.358	.274		.283	.236
&&value of ICT			.919			
$$$ICT policy initiatives		.416	.875			
$$$$Responsibility:Teaching and learning		.397	.870			
&&&Value of ICT at management level		.397	.870			
$$$$Responsibility: Resources and funding		.496	.831			
$$$objectives		.503	.772			
$$$Responsibility of DoE		.615	.753			
$$$$Responsibility:Manageme		.495	.716			
&&&ICT contribution to maths/teaching and learning		-.238	.553	-.334		
$$$$ICT initiative concerns		.409	.483		.258	.347
***teacher and teacher-students' experiences	.450	-.270		.777		
@@@PD and social identity	.474	-.285		.693		
**value of ODL	.303		.360	.685		-.234
$$$Pedagogical knowledge	.511	-.435	.223	-.628		
@@@individual and social identity	.364	-.588		.609		
$$TPCK	.389	-.295	.213	-.589	-.201	
***Role of teacher in ODL		-.272		.584	.239	-.350
**aspects influence ODL	.420			.442	-.232	
**ODL technologies	.336			.376	-.733	.314
$$$PCK (pedagogical content knowledge)	.548				-.653	.212
@@@Teacher expectation for PD	.539				.255	.658

@@development process	.282		-.305		.424	.442

Extraction Method: Principal Component Analysis.
a. 6 components extracted.

Pattern Matrix[a]

	Component					
	1	2	3	4	5	6
@@@School leadership role in PD	.811					.352
$$$Teaching and learning environment	.789					
$$Role of teacher	.781	-.344				
$$$DoE/policy challenges	.764		.517			
@@PD model/framework	.747				-.261	.273
$$$$Responsibility towards PD	.681					
****Environmental barriers in ODL	.630	-.490		.343		
@@influences PD	.621					.543
&&ICT integration prioirities	.550				-.385	
@@characteristics of professional development	.543					
@@role of teacher in PD	.527	.239		.319		.300
&&Environme...	.502		.344			.457
$$$Technological knowledge		-.970				
$$$Content knowledge		-.940				
$$$Pedagogical knowledge	.347	-.904				
&&Positive experiences ICT		-.853				
@@@Contributors to SPD	.207	-.800			-.274	
$$TPCK		-.785		-.217		
@@Objectives of PD		-.765				
@@@@Feedback on PD courses	-.219	-.760		.337		.292
@@@PD course outline		-.697		.253		.322
&&ICT contribution to maths/teaching and learning		-.572	.402			
@@@PD instruments		-.481				-.325
$$$ICT policy initiatives			.981			
$$$$Responsibility: Resources and funding			.973			
&&Value of ICT at management level			.964			
$$$$Responsibility:Teaching and learning			.964			
$$$Responsibility of DoE			.940			
$$$objectives			.907			
$$$$Responsibility:Manageme...			.855			
&value of ICT		-.346	.820	.273		
$$$$ICT initiative concerns			.645			.379
&&School leaders' role in ICT			.423			.340

@@@individual and social identity				.915		
***teacher and teacher-students' experiences		.207		.894		
**value of ODL			.264	.842		
@@@PD and social identity				.803	-.292	
***effect of ODL on teachers/ Math teachers		-.420		.787		
@@@ODL and SPD		-.346		.775	-.212	
***Role of teacher in ODL		.223		.738	.244	-.215
@@@@building an PD/Social identity		-.401		.692	-.287	
@@@ICT and SPD		-.559		.675		
****Teacher barriers in ODL	.631	-.225		.665		
@@@PD course activities and data collection		-.445		.638	.307	
***ODL barriers	.200	.200		.591	-.577	
**ODL technologies	-.391				-.960	
$$$PCK (pedagogical content knowledge)					-.921	
@@@@Recommendations for PD	.292				-.726	.269
**PD through ODL	.322				-.710	
$$$Influence of policy on teachers	.372				-.613	
&&Teacher barriers	.492	-.313			-.587	
@@PD strategies	.275			.268	-.566	.372
**aspects influence ODL	.259	.273		.355	-.409	
@@@Teacher expectation for PD					-.230	.855
@@@Enablers	.213					.792
@@development process						.730
&Barriers to ICT	.360				-.427	.561
@@@PD concerns	.395				-.439	.537

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.
a. Rotation converged in 15 iterations.

Structure Matrix

	Component					
	1	2	3	4	5	6
@@@School leadership role in PD	.900				-.277	.560
@@PD model/framework	.899				-.526	.503
$$$DoE/policy challenges	.817		.528		-.327	.286
$$$Teaching and learning environment	.798				-.321	
$$Role of teacher	.797	-.332			-.257	.251
@@influences PD	.750				-.214	.700
****Environmental barriers in ODL	.661	-.547		.443	-.307	.202
$$$$Responsibility towards PD	.660				-.214	
&ICT integration prioirities	.658				-.531	
&&Environme	.620		.352			.586
@@role of teacher in PD	.611			.321	-.231	.445

@@characteristics of professional development	.549					
$$$Technological knowledge		-.963				
$$$Content knowledge		-.937				
$$$Pedagogical knowledge	.326	-.896				
&&Positive experiences ICT		-.863				
@@@Contributors to SPD	.310	-.841		.344	-.391	
@@@@Feedback on PD courses		-.819		.461		.266
@@Objectives of PD		-.777	-.225			
$$TPCK	.202	-.755				
@@@PD course outline		-.737		.339		.283
&&&ICT contribution to maths/teaching and learning		-.532	.366			
@@@PD instruments		-.475				-.328
$$$ICT policy initiatives			.977			
$$$$Responsibility: Resources and funding			.976			
&&&Value of ICT at management level			.959			
$$$$Responsibility:Teaching and learning			.959			
$$$Responsibility of DoE			.950			
$$$objectives			.912			
$$$$Responsibility:Manageme			.862			
&&value of ICT		-.326	.771	.252		
$$$$ICT initiative concerns			.659			.318
&&&School leaders' role in ICT			.442	-.207		.307
@@@individual and social identity		-.221		.931		
***teacher and teacher-students' experiences				.896	-.307	
@@@ODL and SPD		-.468		.855	-.286	
@@@PD and social identity				.830	-.380	
***effect of ODL on teachers/ Math teachers		-.523		.814		
@@@@building an PD/Social identity	.213	-.515		.799	-.435	.245
**value of ODL			.205	.796		
@@@ICT and SPD		-.659		.753		
****Teacher barriers in ODL	.647	-.328		.713	-.247	.225
@@@PD course activities and data collection		-.541	-.238	.675		
***Role of teacher in ODL				.673		
$$$PCK (pedagogical content knowledge)	.251				-.901	
@@@@Recommendations for PD	.586				-.858	.444
**ODL technologies				.243	-.849	
**PD through ODL	.568			.232	-.838	.278

&Teacher barriers	.710	-.321			-.751	.360
@@PD strategies	.555			.392	-.741	.531
$$$Influence of policy on teachers	.578				-.726	.243
***ODL barriers	.396			.642	-.715	
**aspects influence ODL	.352	.208		.377	-.509	
@@@Enablers	.476				-.351	.871
@@@Teacher expectation for PD					-.312	.851
@@development process						.716
&Barriers to ICT	.636				-.595	.708
@@@PD concerns	.670				-.627	.697

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.

Component Correlation Matrix

Component	1	2	3	4	5	6
1	1.000	-.008	.015	.032	-.306	.263
2	-.008	1.000	.069	-.147	.031	-.022
3	.015	.069	1.000	-.085	.007	.002
4	.032	-.147	-.085	1.000	-.142	.040
5	-.306	.031	.007	-.142	1.000	-.130
6	.263	-.022	.002	.040	-.130	1.000

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.



Addendum 3.1

Desire to Move Forward: Barriers to Professional Development of Mathematics Faculty

Verona Leendertz &Seugnet Blignaut

Background

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POTCHEFSTROOMKAMPUS

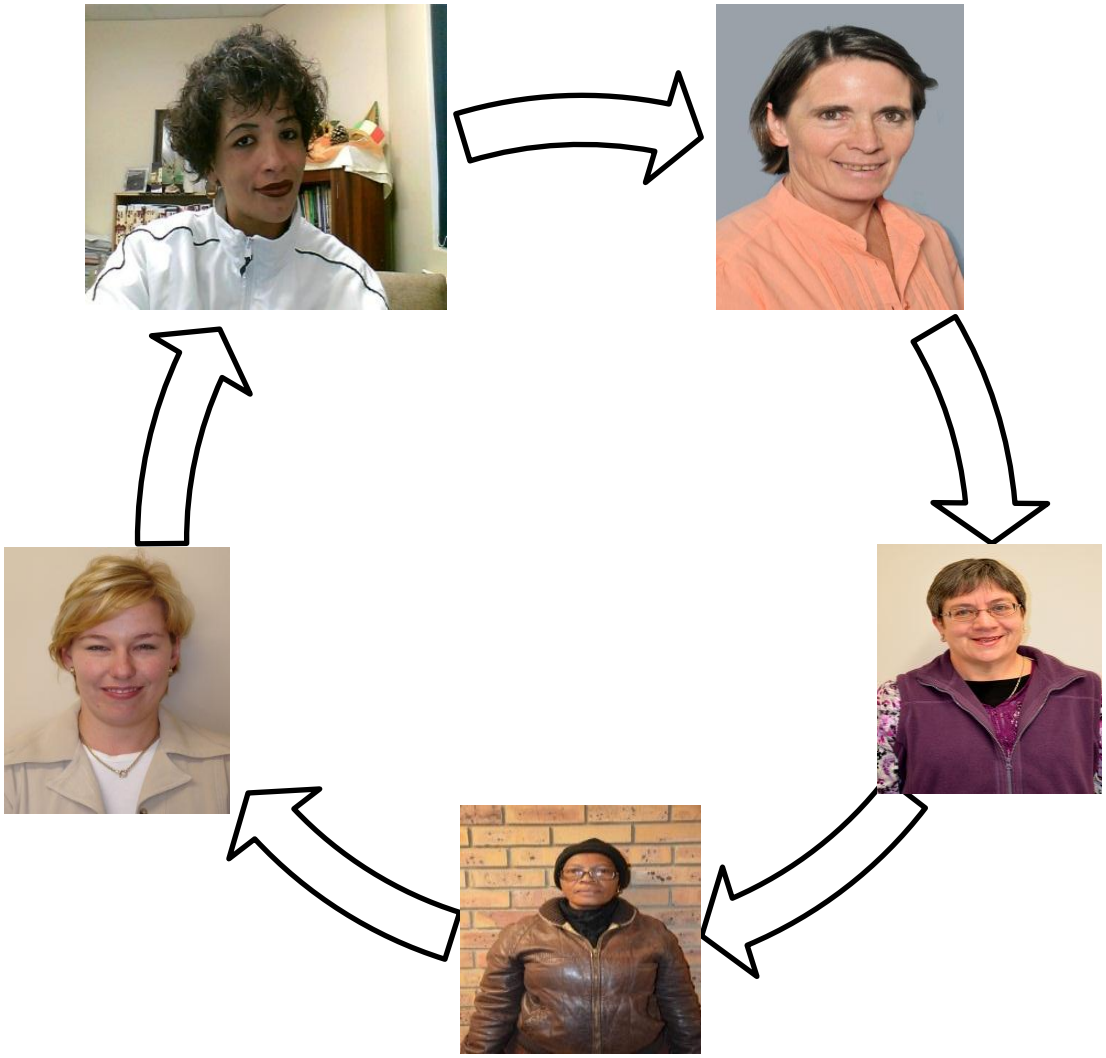
- SCTE established in 2006 (now UODL)
- Upgrading of unqualified and under-qualified in-service teachers
- Enrolls annually about 25 000 students from Southern Africa
- 43 full-time academic staff
- 5 full-time lecturers in the Mathematics subject group
- Enrollments for Mathematics programs
  - NPDE: 9225
  - ACE: 253
  - BEd Hons: 315

Background

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- Onsite SCTE facilites
  - 1 control room to monitor IWBs at 39 learning centers
  - 4 onsite IWB centers for interactive broadcasting
- e-Learning staff
  - 1 e-Learning Manager
  - 2 IT Support Specialists to manage broadcasts
- 2013:
  - 1 new center with IWB and conference facilities
  - 4 onsite IWB centers

Mathematics faculty at SCTE



SCTE facilities



Control room



Onsite IWB center

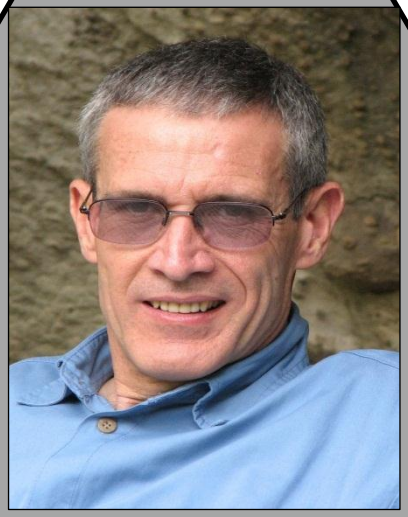


Technology to support IWBs



Conference center

Support staff



e-Learning Manager



IT Support



IT Support

Methodology

- Lived experiences best captured through qualitative methods
  - focus group interview
- Participants
  - 5 fulltime female Mathematics lecturers
  - selection criterion of *typical representation*
- Dataset
  - In-depth focus group interview

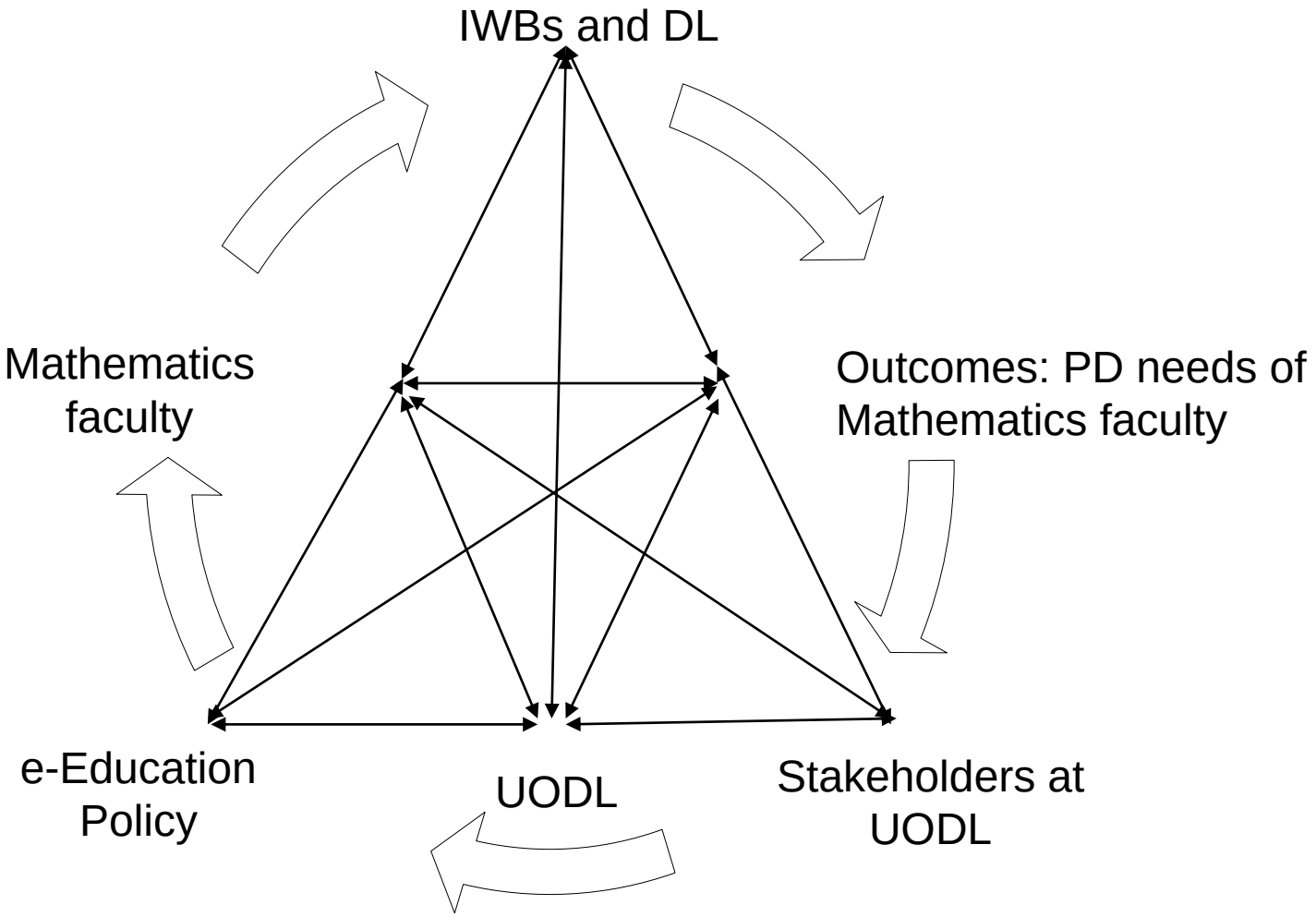
Methodology

- Research question:
  - What are the concerns and perceptions regarding the use and PD needs of IWBs at SCTE?
- Ethics clearance related to a longitudinal study
- Participants prepared in advance
- The interview in English
  - not the home language of 4 participants
- Participants verified the transcriptions before the analysis

Data analysis

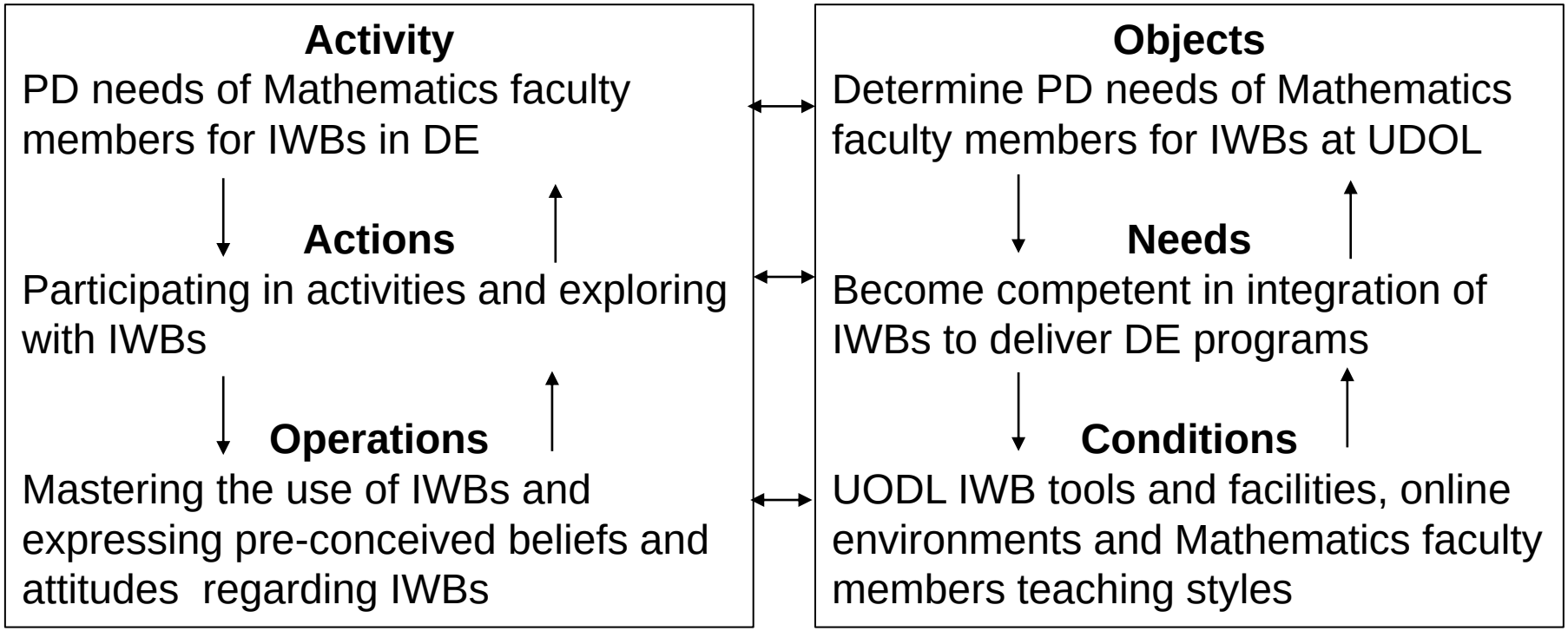
- Constant comparative analysis (Boeije, 2002) with Atlas.ti™
- Leont'ev's Second Generation Activity Theory (Kaptelinin, 2006) as the analytical framework
- Interconnected aspects: objects, subjects, tools, rules, community, and division of labour as theoretical lens to understand interaction of Mathematics faculty with IWBs
- Inductive strategy to search for similarities and variations in the behaviour, reasons, attitudes and perceptions of Mathematics faculty

Leont'ev's Activity Theory



Findings

- The findings are displayed on Leont'ev's 3 hierarchical levels (Kuutti, 1996)
  - activity
  - operations
  - actions



Findings

- The codes conceptualized fit perfectly within the 3 hierarchical levels as either technological or socially related
- PD activity
  - highest level of the activity system
  - focuses on PD needs of Mathematics faculty for IWB use for DE
- Objects
  - PD of Mathematics faculty for ICT integration
  - Value of PD
  - New expectations
  - Individual expectations
  - Standard of PD
  - PD online and face-to-face
  - PD recommendations

PD activity

- Need for continuous PD
- Participating in PD is valuable as they come from a traditional approach of teaching and learning
- Current PD activities do not prepare them for the effective use of IWBs at SCTE
- Prefer face-to-face PD and not an online environment for PD
- Mathematics faculty acknowledge the need for PD in IWBs for DE
- Self-improvement is important to them as well as the development of the institution

UODL

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Operations

Pre-conceived beliefs and attitudes regarding IWBs

- Limited opportunities
- Access but not support
- Eager to embrace IWBs
- Foresee the role in teaching and learning
- vast array of educational software and resources

Conditions

Technological

- Do not have Internet access after hours
- Internet access pre-requisite for BEdHons program

Social

- DE hinders social interaction and motivation
- Prefer face-to-face PD
- Institutional constraints hamper IWB use
- Support crucial for IWB use
- PD within a group

Roles and rules

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Actions

Technological

- Accept IWBs as part of service delivery
- Resistance to change
- Technophobia
- Apprehension towards the use of IWBs

Social

- Collaboration essential for PD
- Context hinders collaboration
- Make a paradigm shift

Needs

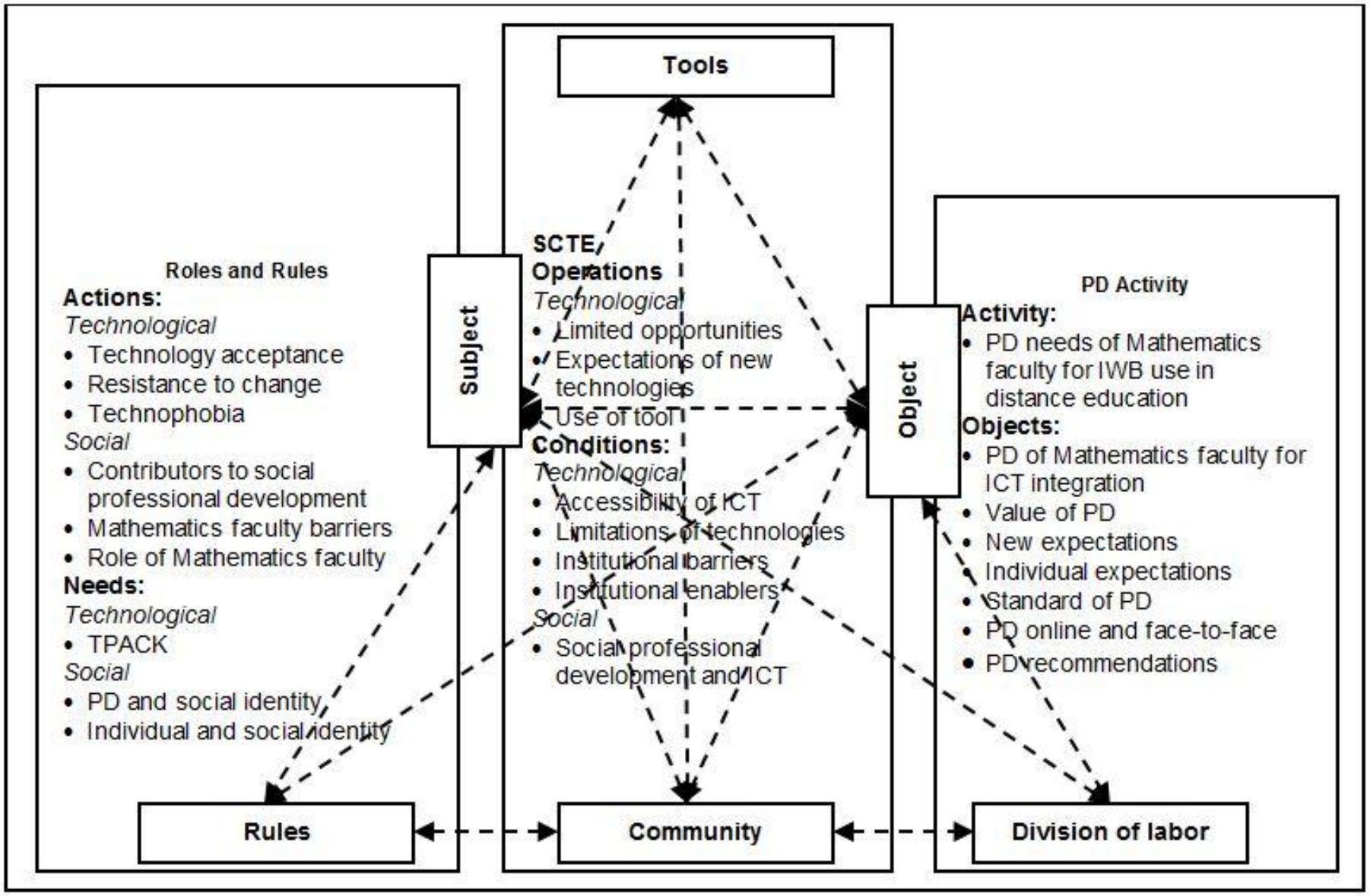
Technological

- Sound TPACK

Social

- Develop social identity within their group
- Function well as a unit
- Active and contribute to the development of their learning community

Summary of findings



Summary of findings

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Individual enablers

- Eager to embrace IWBs
- Accept IWBs as part of DE
- Willingness to collaborate
- Willingness to share best practices

Individual barriers

- Insufficient knowledge and tools
- Insufficient time to utilize IWBs
- Insufficient TPACK
- Fear of the effects of technology
- Resistance to change their mode of teaching

Institutional enablers

- Access to IWBs
- Mathematics faculty support
- Computer literacy training
- ICT strategic plan

Institutional barriers

- Insufficient opportunities to utilize IWBs
- Insufficient PD training
- Insufficient time for PD training
- No Internet access after hours

Conclusions

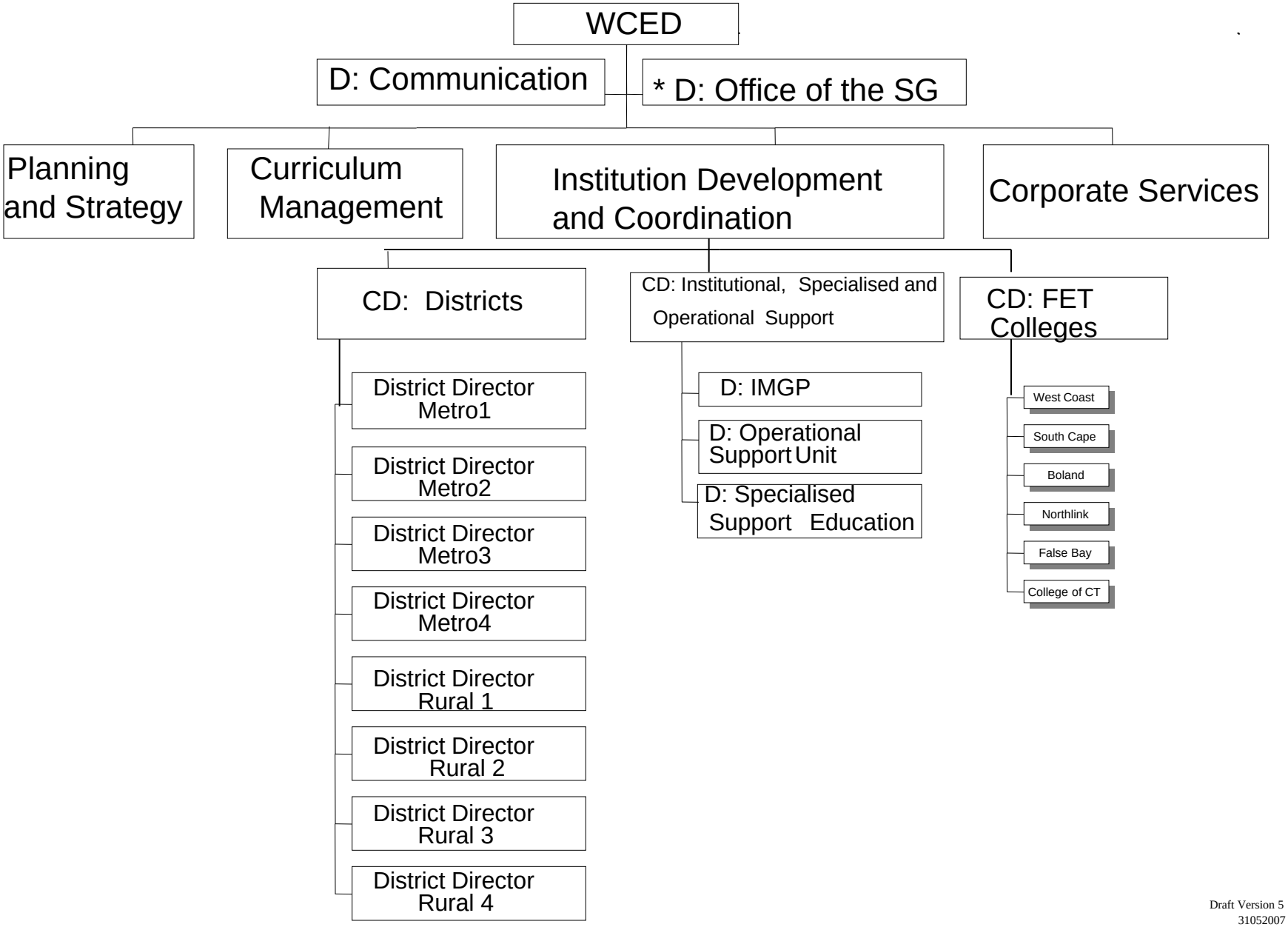
- Mathematics faculty realize the value of PD in DE
- Desire to move forward, but fear and resistance to change hinder their willingness to adopt IWBs
- Validate the importance of mediation among the elements within the activity system

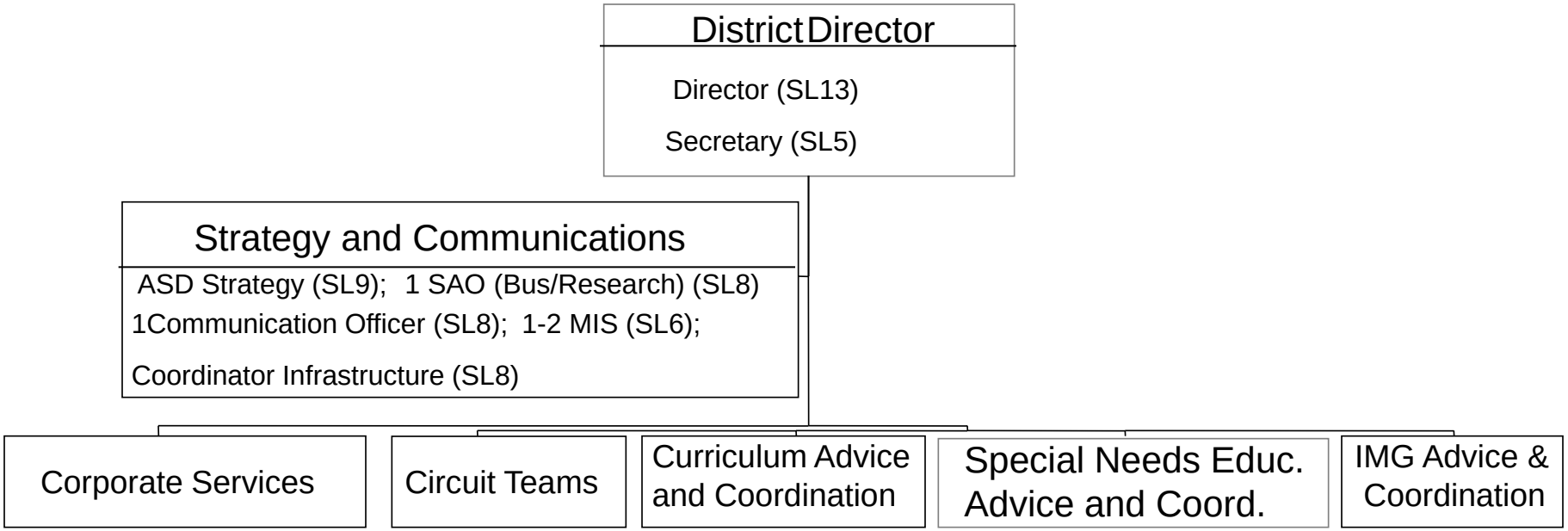


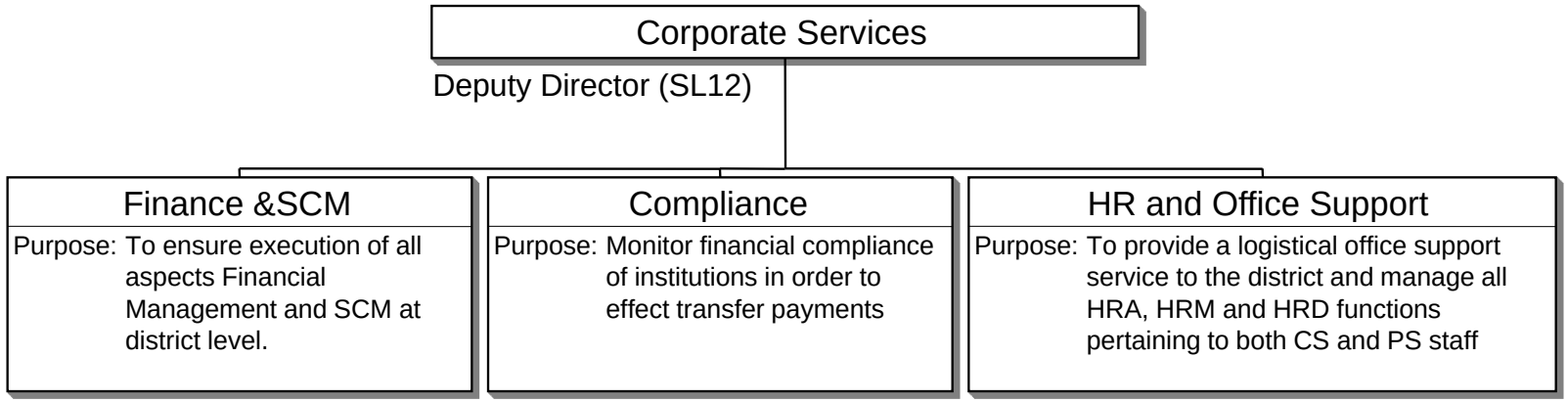
Thank you!

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Seugnet.Blignaut@nuw.ac.za

Addendum 4.1 Western Cape Education Department Organogram




District Director
Director (SL13)
Secretary (SL5)
Strategy and Communications
ASD Strategy (SL9); 1 SAO (Bus/Research) (SL8)
1Communication Officer (SL8); 1-2 MIS (SL6);
Coordinator Infrastructure (SL8)
Corporate Services
Circuit Teams
Curriculum Advice and Coordination
Special Needs Educ. Advice and Coord.
IMG Advice & Coordination



ASD (SL9)
SAO SCM (SL8)
Sen St Account (SL8)
Clerk SCM (SL4)
Acc Clerk (SL4)

ASD Compliance (SL9)
Sen St Account(SL8)

Assistant Director (SL9)
SDF (SL7) EMDC
Perf Man Coordinator PS (SL7)
Transport Control Officer (SL7)
Chief Registry Clerk (SL7)
Registry Clerk (SL3)
Messenger/Driver (SL3) *
Photo Copy Operator (SL3)
Chief Admin Clerk (Facilies(SL7)
Receptionist (SL4)
Admin Clerk (SL5)
Telephonist (SL3)
General Assistant (SL3)
Handy Man (SL3) *
Food Services Aid (SL3)
4 Admin Clerks SL 5

Chart B3.2

Curriculum Advice and Coordination

Purpose: To render Curriculum advice to District Management, Circuit Team Leaders and Curriculum advisors

Functions:

1. Coordinates all curriculum based interfaces with Head office.
2. Coordinates, in consultation with the District Head, the provisioning of FET phase Curriculum Advisors to education institutions in the district.
3. Coordinates, in consultation with Circuit Team leaders the deployment and utilization of foundation phase and GET advisors by the District Manager.
4. Coordinates the training and professional development of Curriculum Advisors in the district, in consultation with Head Office.
5. Facilitates peer learning exchanges within and between circuits and districts.
6. Coordinates the implementation of curriculum-based special programmes.
7. Coordinate all aspects of assessment at district level.

Manager Curr (CES PL 6)

Sen FET Advisor (PL5)

Sen GET Advisor (PL5)

Asses Coord (PL 5) *

*SEN/FET Advisors (PL3)

e-Learning and Library Services Manager (PL5)

e-Learn Advisor (PL3)

Resource Centre Coordinator (PL3)

ECD Curr Advisor (PL3)
AET Curr Advisor (PL3)
School Library Advisor (PL3)
Librarian (SL 7)

Specialised Education Support

Purpose: To render Special Needs Education advice to District Management, Circuit Team Leaders and Special Needs Education advisors

Functions:
1. Coordinates all Special Needs Education advice based interfaces with Head Office.
2. Informs the deployment and utilization of Special Needs Education specialists to Circuit Teams and Resource Centres by the District Manager.
3. Coordinates the training and professional development of Special Needs Education Specialists and ELSEN educators in the district, in consultation with District management and Head Office.
4. Facilitates peer learning exchanges for ELSEN educators and Special Needs Education professionals within and between circuits and districts.
5. Coordinates the implementation of the institution-based programmes NSNP and HIV.

Manager SES (CES PL6)

ELSEN Sch Coord (PL5)

Sen Psychologist (PL 5)

Learn Supp Coord (PL 5)

Education Therapist (PL 2)

Sen Social Worker-Care & Support (PL3)

Psychologists (inc Behaviour/Social Cap)

HIV Coordinator (P3)

HIV Fieldworker (PL1)

NSNP Coordinator (SL8)

NSNP Fieldworker (SL7)

IMG Advice and Coordination

Purpose: To render IMG advice to District Management, Circuit Team Leaders and IMG advisors

Functions:

1. Coordinates all IMG related interfaces with Head Office.
2. Coordinate the capacity building of SGBs, RCLs and SMT.
3. Facilitate communication and liaison with GBs on all relevant issues.
4. Facilitate the development of school enrichment programmes (including sport, art and culture programmes and activities.
5. Informs the deployment and utilization of IMG Advisors by District Manager.
6. Coordinates the training and professional development of IMG Advisors in the district, in consultation with Head Office.
7. Facilitates peer learning exchanges within and between circuits and districts.
8. Coordinate all aspects of assessmentand examinations administration at district level.
9. Manage and maintain all aspects of QA.
10. Manage the Safe Schools programme.

1 Manager IMG (CES PL6)

1 Senior ADA Advisor (SL 9)

1 School Enrichment Coordinator (SL8)

1 IMG Advisor ABET (PL5)

1 IMG Advisor ECD (PL5)

2 Labour Relations Officer (SL8)

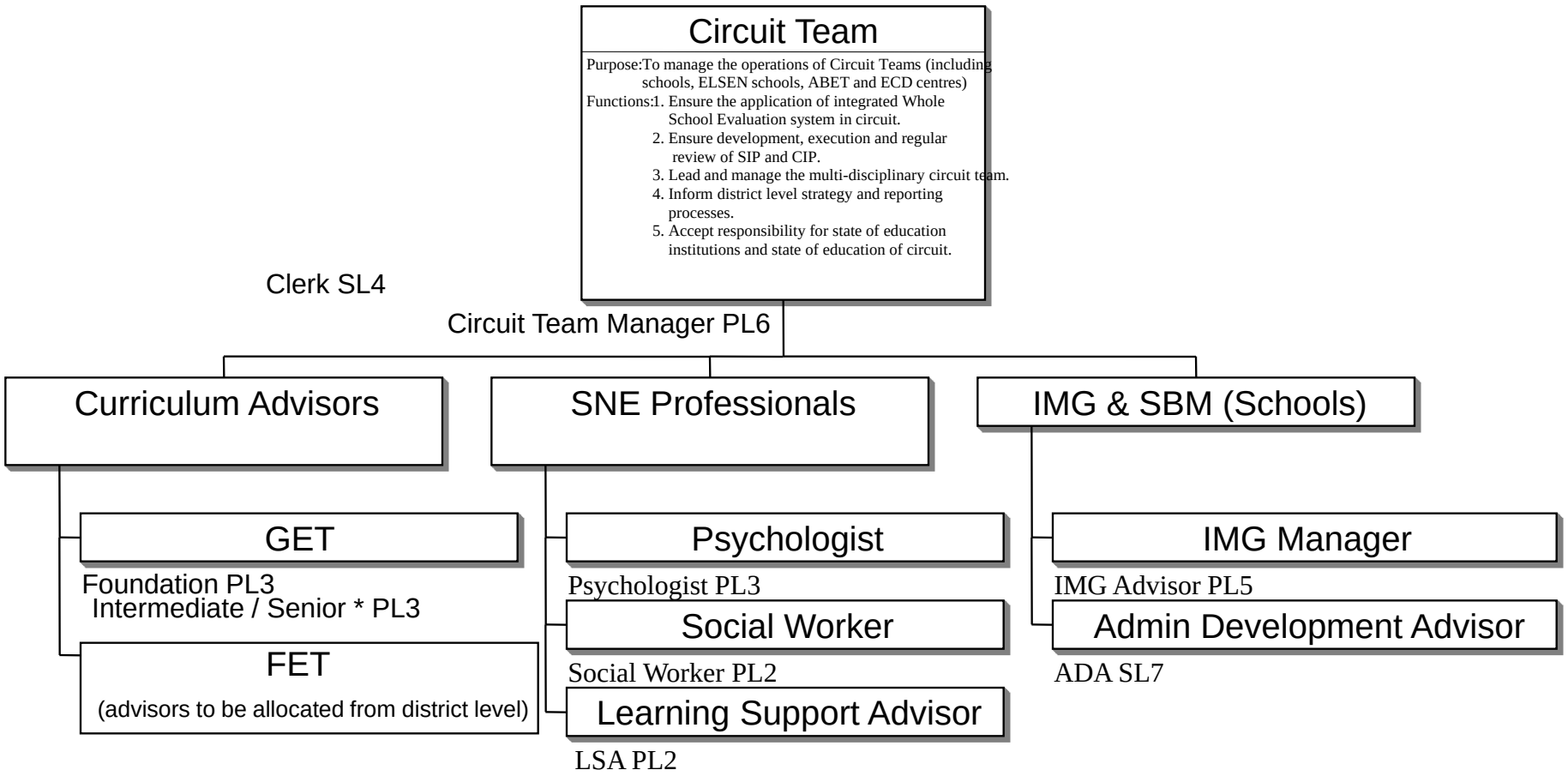
1 Personnel Officer (SL7) Advisor *

1 IQMS Coordinator (PL5)

1 Safe Schools Coordinator (PL3)

3 Safe Schools Fieldworker

Circuit Team



*

Addendum 4.2

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Building B11A, G17A
Potchefstroom Campus
North-West University
Potchefstroom
2531

13 November 2012

Ms Penny Vinjevold
Head of Education: Western Cape Education Department
Private Bag x 9114
Cape Town
8000

Dear Ms Vinjevold

Permission to conduct a PhD study

I, Verona Leendertz, am enrolled for a PhD study at the Faculty of Education Sciences, Potchefstroom Campus of the North-West University. I am in the process of conducting research on the professional development of Mathematics teachers. The title of my thesis is: *Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning.*

I hereby apply for permission to conduct this research with a sample consisting of two Mathematics teachers from each of 200 schools, who are teaching in the Senior Phase (grades 7-9), in the Western Cape Education Department. The method of data collection involves a large-scale survey. Please also find attached in the same email the survey instrument.

I commit myself to the professional code of ethics for researchers and other aspects of respectful research:

- Research approved by the Ethics Committee of the North-West University (NWU-00120-12-S2)
- Voluntary participation of all research respondents
- Guaranteed anonymity and confidentiality of the research respondents
- No interference with the general and academic programme of the school will take place
- Dissemination of research results to the Western Cape Education Department, as well as the schools and respondents who participated in the study.

I plan to conduct this research during January to March 2013. If you require more information about my project, you are welcome to contact me or my supervisor, Professor A. S. Blignaut. She is available at Seugnet.Blignaut@nwu.ac.za or 0182994566.

Yours sincerely



_____

Verona Leendertz
PhD Candidate, North-West University
Student number: 13173391
Mobile number: 076 282 5334
Email: 13173391@nwu.ac.za

Addendum 4.3

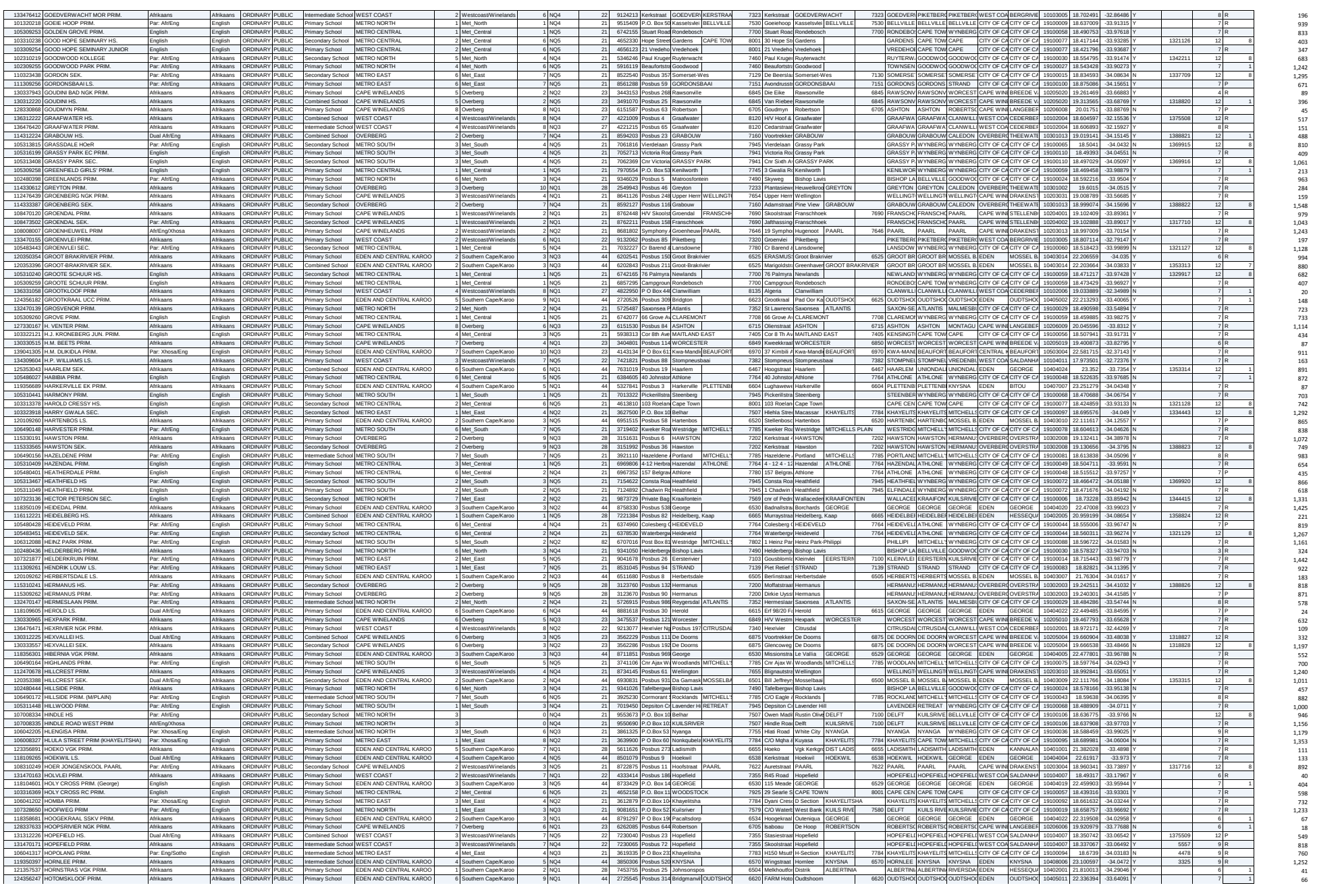
MAILING LIST FOR OPEN INSTITUTIONS AS ON 2012/11/19
SORT ORDER:

EMIS_NO	SCHOOL NAME	M.O.I	CORRESP LANG	SECTOR	CONTROL	SCHOOL TYPE	EDUCATION DISTRICT	NEW CIRCUIT	EMDC	OLD CIRCUIT	QUINTILE	TEL CODE	TEL NO	ADDRESS1	ADDRESS2	ADDRESS3	POST CODE	STREET_A	STREET_A	STREET_A	STREET CODE	SUBURB	TOWN	MAGISTER DISTRICT	DISTRICT COUNCIL	MUNICIPAL	WARD	LONGITUD	LATITUDE	SECTION2	EXAM CENTRE	HIGHEST GRADE	LOWEST GRADE	Number of Learners
111007178	A.C.J. PHAKADE PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	7	NQ2	21	8458434	PO Box 362	SOMERSET WEST		7129	Mxolisi Stre	Nomzamo L	STRAND	7140	NOMZAMO	STRAND	STRAND	CITY OF CA	CITY OF CA	19100085	18.856179	-34.11735	N		7	R	2,051
127337447	A.F. KRIEL VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6143692	Posbus 483	MONTAGU		6720	Derdeheuw	MONTAGU		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBEF	10206007	20.193621	-33.81255	Y		6	R	57
109309200	A.F. LOUW LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ4	21	8864791	Posbus 211	DENNESIG		7601	La Collinew	STELLENBOSCH		7600	STELLENB	STELLENB	STELLENB	CAPE WINI	STELLENB	10204010	18.858189	-33.92441	Y		7	R	559
139360112	A.H. BARNARD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4143731	Posbus 716	BEAUFORT WES		6970	Langstraat 1	Rustdene	BEAUFORT	6970	RUSTDENE	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503005	22.57517	-32.367	Y		7	R	1,009
106490571	A.Z. BERMAN PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	6	NQ4	21	3767802	C/O A.Z. Be	Beacon Val	MITCHELLS	7798	C/O A.Z. Be	Beacon Val	MITCHELLS	7798	BEACON V	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.62024	-34.0401	Y		7	R	1,375
130338087	AAN DE DOORNS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3475017	Posbus 934	WORCESTER		6850	Aan De Doo	WORCESTER		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205018	19.493617	-33.69754	Y		7	R	164
100000126	ABEDARE NR2 PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3		0	NQ4	21	9550104	Posbus 306	Leiden	DELFT	7100	Abedare Ro	Leiden	DELFT	7100	DELFT	DELFT	BELLVILLE	CITY OF CA	CITY OF CA	19100106	18.628632	-33.95995	N		7	R	629
107008336	ABEDARE PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3		0	NQ4	21	9554674	Sandal Hou	DELFT		7100	23 Sandal H	DELFT		7100	DELFT	KUILSRIVE	BELLVILLE	CITY OF CA	CITY OF CA	19100106	18.628997	-33.96951	N		7	R	1,230
140330329	ACACIA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	7	Overberg	3	NQ1	23	5511191	Posbus 85	Laingsburg		6900	Skoolstraat	Laingsburg		6900	LAINGSBUI	LAINGSBUI	LAINGSBUI	CENTRAL K	LAINGSBUI	10501004	20.864057	-33.19608	Y	8918	9	R	703
109321567	ACADEMIA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	4	NQ3	21	8433306	P.O. Box 58	EERSTE RIVER		7103	9 Sai Militar	EERSTE RIVER		7103	FAURE	FAURE	MITCHELLS	CITY OF CA	CITY OF CA	19100097	18.694809	-34.03177	Y		7	R	575
101321761	ACCORDIONSTRAAT PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ4	21	9522150	P.O. Box 10	BELHAR		7507	Accordion S	BELHAR		7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.629505	-33.94701	Y		7	R	725
126337994	ACHTERTUIN AME PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3122605	Posbus 257	CERES		6835	Buchuland	CERES		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202005	19.359144	-33.38	Y		6	P	184
126336831	AGTERWITZENBERG VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3133900	Posbus 166	Ceres		6835	Vgk Kerk Di	Witzenberg	DIE EIKE RD WITZENBI		CERES	CERES	CERES	CAPE WINI	WITZENBE	10202010	19.246487	-33.23133	Y		7	R	103
102006062	AKASIAPARK LS.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_North	6	NQ4	21	5917087	Akasiapark	Goodwood		7460	Akasia Park	Goodwood			AKASIA PA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100056	18.529547	-33.89047	Y		7	1	146
117337862	AKKERBOOM PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ1	28	5721783	Posbus 118	BARRYDALE		6750	Akkerboom	BARRYDALE		6750	BARRYDAL	BARRYDAL	SWELLENI	OVERBERG	SWELLENI	10304002	20.49041	-33.92271	N		6	1	34
113333360	ALBERT MYBURGH SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	1	Overberg	10	NQ3	28	4251517	Posbus 236	Bredasdorp		7280	Rekreasies	Bredasdorp			BREDASD(	BREDASD(	BREDASD(	OVERBER(	CAPE AGU	10303002	20.050218	-34.52979	Y	1388801	12	8	975
121112200	ALBERTINIA HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	2	NQ4	28	7351018	Posbus 180	ALBERTINIA		6695	13 Hornstre	ALBERTINIA		6695	ALBERTINI	ALBERTINI	RIVERSDA	EDEN	HESSEQU	10402002	21.584806	-34.19994	Y	1353301	12	R	523
105483311	ALEXANDER SINTON SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_Central	2	NQ5	21	6971350	P.O. Box 39	Lansdowne		7779	Thornton Ro	Crawford		7779	CRAWFOR	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100048	18.512441	-33.97577	N	1321102	12	8	1,117
108470023	ALFONS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8698223	Posbus 208	Windmeul		7630	P/A Hoer La	Windmeul			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203003	18.881	-33.654	N		7	P	192
130041109	ALFRED STAMPER PUB. PRIM.	English	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	5	NQ1	23	3451438	P O Box 10	Worcester		6849	Theoha Ave	Zweletemba	WORCESTER		ZWELETEM	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205017	19.489122	-33.64838	N		7	4	668
123358290	ALGERYNSKRAAL LB PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5511116	Posbus 433	Ladismith		6655	Algerynskra	Ladismith		6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAN	10401004	21.143541	-33.5938	Y		6	1	40
105480029	ALICEDALE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	1	NQ5	21	6376730	Elizabeth D	Athlone	CAPE TOW	7764	Elizabeth D	Athlone	CAPE TOW	7764	ATHLONE	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.509341	-33.964	N		7	R	388
106490024	ALOE JUN. HS	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	6	Met_South	1	NQ5	21	3710467	Aloeweg	Lentegeur	MITCHELLS	7785	Aloeweg 16	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.607787	-34.03106	Y	6672	9	7	1,124
106493317	ALOE SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	7	NQ5	21	3710552	Aloe Road	Lentegeur	MITCHELLS	7785	Aloe Road	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.607006	-34.02987	Y	1366601	12	8	807
101320749	ALPHA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	7	Met_North	2	NQ4	21	9761493	Posbus 399	Morningstar	DURBANVI	7550	H/V Skool- I	Morningstar	DURBANVILLE		MORNING S	DURBANVI	BELLVILLE	CITY OF CA	CITY OF CA	19100103	18.655218	-33.82818	Y	1198	9	R	753
106490547	ALPINE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	7	NQ4	21	3761321	H/V Alpine-	Beacon Val	MITCHELLS	7785	H/V Alpine-	Beaconvalle	MITCHELLS	7785	BEACON V	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.62568	-34.03725	Y		7	P	1,291
123358282	AMALIENSTEIN LB PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5611382	Posbus 110	Ladismith		6655	Amalienstei	Zoar		6656	ZOAR	LADISMITH	LADISMITH	EDEN	KANNALAN	10401003	21.462118	-33.48277	Y		6	R	324
108470031	AMSTELHOF PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8625466	Posbus 851	Paarl		7646	Kwikkiestra	Amstelhof	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203027	19.002172	-33.73925	Y		7	R	712
106042302	ANDILE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	1	NQ3	21	3850120	P O Box 32	Ottery		7808	Koornhof St	New Crossroads		7755	NEW CROS	PHILLIPI	WYNBERG	CITY OF CA	CITY OF CA	19100038	18.575457	-33.99686	N	6668	9	R	700
132476021	ANNE PIENAAR GEDENK NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4822051	P.O. Box 22	Malmesbury	PAARDEBE	7300	Farm Jakka	Malmesbury			MALMESBU	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105012	18.817912	-33.53638	Y		7	R	244
102480037	ARCADIA PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6944661	Juniperstra	Bonteheuwel		7764	Juniperstra	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.55492	-33.94752	Y		7	R	850
102483338	ARCADIA SEN. SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6941736	Kareeweg 3	Bonteheuwel		7764	Kareeweg 3	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.556688	-33.94758	N	1321103	12	8	653
114336394	ARIESKRAAL SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ1	21	8489825	Posbus 81	Grabouw		7160	Viljoenshoo	Elgin			CALEDON	CALEDON	CALEDON	OVERBER(	THEEWATE	10301010	19.014664	-34.20807	N		7	R	170
101309202	ARISTEA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_East	2	NQ5	21	9887463	Posbus 353	Kraaifontein		7569	Brightonwe	Kraaifontein			WINDSOR	KRAAIFON	KUILSRIVIE	CITY OF CA	CITY OF CA	19100103	18.706825	-33.84041	Y		7	R	989
127330795	ASHBURY PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	6	NQ2	23	6142680	Posbus 174	Montagu		6720	Eikelaan	Ashbury	MONTAGU		MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBEF	10206012	20.148161	-33.76683	Y	8881	9	R	1,114
127309203	ASHTON LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ5	23	6151370	Georgestra	Ashton		6715	Georgestra	Ashton		6715	ASHTON	ASHTON	MONTAGU	CAPE WINI	LANGEBEF	10206009	20.057566	-33.83012	Y		7	P	183
127041104	ASHTON PUBLIC COMBINED	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	8	Overberg	6	NQ2	23	6151740	P O Box 49	ASHTON		6715	Mketsu Ave	Zolani Town	ASHTON	6715	ZOLANI	ASHTON	MONTAGU	CAPE WINI	LANGEBEF	10206010	20.091575	-33.83705	N	1318802	12	R	1,174
127333522	ASHTON SEK. SKOOL	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	8	Overberg	6	NQ3	23	6152027	Posbus 94	Ashton		6715	Gladiolilaan	Ashton		6715	ASHTON	ASHTON	MONTAGU	CAPE WINI	LANGEBEF	10206009	20.04017	-33.8325	Y	1318803	12	8	932
105480045	ATHLONE NORTH PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	1	NQ5	21	6376608	Silvertree S	Kewtown	ATHLONE	7764	13b Silvertr	Kewtown	ATHLONE	7764	KEW TOWI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.514817	-33.96177	N		7	R	586
105483346	ATHLONE SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_Central	2	NQ5	21	6376930	Calendula F	Silvertown	ATHLONE	7764	Calendula F	Silvertown	ATHLONE		SILVERTO	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.521873	-33.96218	N	1321106	12	8	802
105311073	ATHWOOD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6 921 376	Blomvleiwe	HANOVER PARK		7780	Blomvleiwe	HANOVER PARK		7780	PINATI	LANDSDOW	WYNBERG	CITY OF CA	CITY OF CA	19100046	18.522312	-33.99286	N		7	R	449
132473316	ATLANTIS SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	2	Met_North	2	NQ5	21	5723330	Posbus 301	Reygersdal	ATLANTIS	7349	Palmerlaan	Wesfleur	ATLANTIS	7349	ATLANTIS	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100029	18.486395	-33.56578	Y	1345501	12	8	1,640
101328197	ATTIE VAN WYK VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ3	21	9766723	Posbus 353	Durbanville		7551	Langs Adde	Durbanville			DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100105	18.644308	-33.79263	Y		6	P	164
136312208	AUGSBURG LANDBOUGIMNASIUM	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	4	Westcoast/Winelands	8	NQ5	27	4822120	Posbus 34	CLANWILLIAM		8135	President B	CLANWILLIAM		8135	CLANWILLI	CLANWILLI	CLANWILLI	WEST COA	CEDERBEF	10102003	18.887834	-32.17777	Y	1375503	12	1	523
124007217	AURIAL COLLEGE	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	8	NQ3	44	2724505	Posbus 300	Bridgton	OUDTSHO(	6625	Kollegeweg	Bridgton	OUDTSHOORN		BRIDGTON	OUDTSHO(	OUDTSHO(	EDEN	OUDTSHO(	10405013	22.22297	-33.59566	Y	3391	12	8	681
133312600	AURORA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ3	22	9521660	Posbus 23	Aurora		7325	Skoolstraat	Aurora			AURORA	AURORA	PIKETBER(	WEST COA	BERGRIVIE	10103006	18.486049	-32.70455	Y	5539	9	R	212
130007986	AVIAN PARK PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	0	NQ4	23	3431460	100 Albatro	Avian Park	WORCEST	6850	100 Albatro	Avian Park	WORCEST	6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205021	19.434185	-33.66847	Y		7	R	865
132470058	AVONDALE PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ5	21	5722970	Posbus 300	Reygersdal	ATLANTIS	7349	Evelaan	Avondale	ATLANTIS	7349	AVONDALE	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100029	18.483071	-33.57028	Y		7	R	898
125357758	AVONTUUR LB PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	7523351	Posbus 9	Avontuur		6490	Old Bains R	Avontuur		6490	UNIONDAL	UNIONDAL	UNIONDAL	EDEN	GEORGE	10404024	23.16217	-33.7215	Y		6	1	145
117330205	B.F. OOSTHUIZEN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	1	Overberg	8	NQ3	28	5721275	Posbus 42	Barrydale	CAPE TOW	6750	Tinleystraat	Barrydale		6750	BARRYDAL	BARRYDAL	SWELLENI	OVERBER(	SWELLENI	10304002	20.731241	-33.90928	Y	8920	9	R	398
140337331	BAARTMANSFONTEIN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Overberg	3	NQ1	23	5815023	Posbus 185	Laingsburg		6900	Baartmansf	Laingsburg		6900	LAINGSBUI	LAINGSBUI	LAINGSBUI	CENTRAL K	LAINGSBUI	10501004	21.12183	-33.37283	Y		7	1	39
127337404	BADEN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6142456	Posbus 303	Montagu		6720	Baden	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBEF	10206012	20.118809	-33.71955	Y		6	P	31
129330523	BAKERVILLE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	3	Westcoast/Winelands	6	NQ4	23	2320019	Posbus 18	GOUDA		6821	Petuniastra	Ons Rus	GOUDA	6821	GOUDA	GOUDA	TULBAGH	CAPE WINI	DRAKENST	10203031	19.047	-33.2925	Y	7767	9	R	630
102480061	BALVENIE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	4	NQ4	21	9325585	Posbus 56	Matroosfontein		7489	H/V Balveni	Straat	ELSIESRIV	7490	BALVENIE	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100028	18.584994	-33.92931	Y		7	R	777
107008345	BARDALE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	1		0	NQ3	21	9010003	Po Box 362	Mfuleni	MFULENI	7100	23189 Parli	Bardale	MFULENI	7100	MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100108	18.679684	-33.99551	N		7	R	1,240
107008380	BARDALE SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1		0	NQ2	21	9096742	P.O Box 51	MFULENI		7100	Cnr Jury & I	MFULENI		7100	MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100108	18.677778	-33.99217	Y		12	8	840
117312200	BARRYDALE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	OVERBERG	1	Overberg	8	NQ3	28	5721228	Posbus 13	Barrydale		6750	Tennantstra	Barrydale		6750	BARRYDAL	BARRYDAL	SWELLENI	OVERBER(	SWELLENI	10304002	20.724751	-33.89928	Y	1388804	12	R	490
139363316	BASTIAANSE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4152550	Posbus 708	BEAUFORT WEST		6970	Langstraat 1	BEAUFORT WEST		6070	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503005	22.57567	-32.36917	Y	1353302	12	8	1,138
107309204	BASTION PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	3	NQ5	21	9811882	Posbus 613	BRACKENFELL		7561	Jakarandas	BRACKENFELL		7560	PROTEA H	BRACKENF	KUILSRIVIE	CITY OF CA	CITY OF CA	19100008	18.699066	-33.88661	Y		7	R	1,529
105316717	BATTSWOOD OEFEN NGK PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ4	21	7034459	Crescent Ro	OTTERY		7800	157 Cresce	OTTERY		7800	OTTERY	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.502626	-34.01188	N		7	R	568
104309271	BAY PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	6	NQ5	21	7822065	Junior Cam	Lower Tentl	FISH HOEK	7975	Junior Cam	Lower Tentl	FISH HOEK	7975	KALK BAY	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100064	18.424574	-34.13128	Y		7	P	432
106493325	BEACON HILL SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	6	NQ4	21	3761300	Posbus 148	MITCHELLS PLAIN		7789	Imperiallaar	Beacon Val	MITCHELLS	7789	BEACON V	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.629361	-34.04538	Y	1366602	12	8	1,200
106490539	BEACON VIEW PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	6	NQ4	21	3761079	Wanderers	Beaconvalle	MITCHELL'S	7785	Wanderers	Beaconvalle	MITCHELLS PLAIN		BEACON V	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.625974	-34.04234	Y		7	R	1,453
139208200	BEAUFORT WES VOORB.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ5	23	4142457	Po Box 88	Beaufort West		6970	7 De Villiers	Beaufort West		6970	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503004	22.585861	-32.3509	Y		3	R	237
100000123	BEAUFORT WEST PRIM	Par: Afr/Eng		ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7		0	NQ3	23	4144226	Pastorie Str	Hillside	BEAUFORT-WES		Pastorie Str	Hillside	BEAUFORT-WES		BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503007	22.569978	-32.35106	N		7	1	890
139363030	BEAUFORT-WES SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4142386	Posbus 737	Rustdene	BEAUFORT	6970	Heuwelstra	Rustdene	BEAUFORT	6970	RUSTDENE	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503003	22.566618	-32.37188	Y	1353351	12	8	1,257
110309205	BEAUMONT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	8	NQ5	21	8517124	Private Bag	SOMERSET WEST		7129	Van Der Me	SOMERSET WEST			SOMERSET	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100084	18.870334	-34.07538	Y		7	R	1,152
102483354	BEAUVALLON SEK.	Afrikaans	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	6	NQ4	21	9346120	Agnessinge	Valhalla Park		7490	Agnessinge	Valhalla Park			VALHALLA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100031	18.574499	-33.95613	Y	1322202	12	8	524
105483362	BELGRAVIA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	6	Met_Central	2	NQ5	21	6965118	Veld Road	Belgravia E	ATHLONE	7764	Veld Road	Belgravia E	ATHLONE	7764	BELGRAVI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100048	18.519413	-33.97236	Y	1321107	12	8	959
101321397	BELHAR PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	1	NQ4	21	9522144	Posbus 101	BELHAR		7507	Acanthussir	BELHAR		7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.606194	-33.94926	Y		7	R	1,064
101323500	BELHAR SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	1	NQ5	21	9522147	Suikerbossi	BELHAR		7493	Suikerbossi	BELHAR		7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.610716	-33.94457	Y	1342203	12	8	1,182
126333581	BELLA VISTA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	4	Overberg	1	NQ4	23	3155058	Posbus 1	Bella Vista		6837	Frieslandstr	Bella Vista		6837	BELLA VIST	CERES	CERES	CAPE WINI	WITZENBE	10202004	19.312944	-33.32558	Y	1318805	12	8	1,167
126330841	BELLA VISTA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ5	23	3155047	Posbus 37	Bella Vista		6837	Waboomstr	Bella Vista		6837	BELLA VIST	CERES	CERES	CAPE WINI	WITZENBE	10202004	19.314447	-33.32857	Y		7	R	998
101309206	BELLPARK PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_North	1	NQ5	21	9190002	Sandfordstr	BELLVILLE		7530	Sandfordstr	BELLVILLE		7530	OAKDALE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.641212	-33.88617	Y		7	R	897
101310200	BELLVILLE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_North	1	NQ5	21	9481801	De La Haye	Bellville		7530	De La Haye	Bellville			DE LA HAY	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.648534	-33.8931	Y	1332205	12	8	1,107
101303200	BELLVILLE HTS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ5	21	9486951	Privaatsak X	Sanlamhof		7532	H/V Strand	Labiance	BELLVILLE	7532	LABIANCE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.66192	-33.91245	Y	1342206	12	8	1,161
101309207	BELLVILLE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_North	1	NQ5	21	9485241	St Georges	Bellville		7530	St Georges	Bellville			OAKDALE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.63438	-33.89526	Y		7	R	579
101309208	BELLVILLE-NOORD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_North	1	NQ5	21	9483654	Van Der Ste	Bellville		7530	Van Der Ste	Bellville			OAKDALE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.640516	-33.89216	Y		7	R	495
101320188	BELLVILLE-SUID PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	1	Met_North	1	NQ4	21	9515870	Industriestra	Bellville-Suid		7530	82 Industrie	Bellville-Suid		7530	BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100009	18.640571	-33.91951	N		7	R	578
101323349	BELLVILLE-SUID SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ4	21	9515270	Posbus 367	Kasselsvlei		7535	Oopstraat	Bellville-Suid			BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100009	18.637909	-33.91941	Y	1342207	12	8	1,125
105311545	BELMOR PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6919854	Downbergw	Hanover Park		7780	Downbergw	Hanover Park		7780	HANOVER	LANDSDOW	WYNBERG	CITY OF CA	CITY OF CA	19100047	18.526468	-34.00026	Y		7	R	812
105480118	BELTHORN PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_Central	5	NQ4	21	6961397	31 Conques	Belthorn Es	CRAWFOR	7780	31 Conques	Belthorn Es	CRAWFOR	7780	CRAWFOR	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100048	18.513452	-33.98519	Y		7	R	302
101321605	BELVUE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	1	NQ5	21	9525820	Posbus 100	Belhar		7507	Jakarandala	Belhar			BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.615877	-33.94612	Y		7	R	833
114336599	BEREA MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	10	NQ1	28	2518195	Kerkstraat	Bereaville		7232	Kerkstraat	Bereaville			BEREAVILL	GENADENI	CALEDON	OVERBER(	THEEWATE	10301002	19.514702	-34.04226	Y		7	R	302
108476730	BERGENDAL SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ1	21	8633470	Posbus 514	Suider-Paarl		7624	Suid Agter-I	Paarl			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203001	18.919069	-33.7699	Y	1084767	9	R	300
133476064	BERGHOF NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	40237	Posbus 92	Porterville		6810	Berghof	Porterville		6810	PORTERVII	PORTERVII	PIKETBER(	WEST COA	BERGRIVIE	10103001	19.054988	-32.95388	Y		6	R	54
112476072	BERGRIVIER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8641909	Posbus 557	WELLINGTON		7654	Haaskraalp	Voelgesang	WELLINGT	7654	WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203003	18.951091	-33.59015	Y		7	R	61
112473340	BERGRIVIER SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ4	21	8732301	Posbus 1	WELLINGT	WELLINGT	7656	Champagne	WELLINGTON		7656	WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203010	18.993479	-33.64873	Y	1317701	12	8	1,066
102480088	BERGSIG PRIM	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6944666	Disselweg	Bonteheuwel		7764	Disselweg 6	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.545447	-33.94746	N		7	P	863
124350044	BERGSIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ2	44	2723167	Posbus 29	Oudtshoorn	BRIGTON	6620	Kuduweg	Bridgton	OUDTSHO(	6620	BRIDGTON	OUDTSHO(	OUDTSHO(	EDEN	OUDTSHO(	10405013	22.222198	-33.60323	Y		7	R	1,295
102480096	BERGVILLE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	6	Met_North	6	NQ4	21	9346453	Leeubergwe	Bishop Lavis		7490	Leeubergwe	Bishop Lavis			BISHOP LA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100024	18.582035	-33.95257	N		8	R	347
105310201	BERGVLIET HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	1	NQ5	21	7120284	Firgrove Wa	BERGVLIET		7806	Firgrove Wa	BERGVLIET		7806	BERGVLIET	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.452426	-34.04104	Y	1369903	12	8	1,034
105309209	BERGVLIET PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	1	NQ5	21	7151103	Children'S \	BERGVLIET		7945	Children'S \	BERGVLIET		7945	BERGVLIET	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.459903	-34.04633	Y		7	R	726
101323764	BERNADINO HEIGHTS SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	6	NQ5	21	9872662	Posbus 157	Kraaifontein		7570	La Boheme	Scottsdene	KRAAIFONTEIN		SCOTTSDE	KRAAIFON	KUILSRIVIE	CITY OF CA	CITY OF CA	19100006	18.726409	-33.86629	Y	1344401	12	8	1,443
121109217	BERTIE BARNARD LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ5	28	7541042	Posbus 137	STILBAAI		6674	Uitsgstraat	STILBAAI		6674	STILBAAI	STILBAAI	RIVERSDA	EDEN	HESSEQU	10402003	21.408796	-34.36765	Y		7	R	233
132470066	BERZELIA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	2	Met_North	2	NQ4	21	5726696	Posbus 171	Dassenberg	ATLANTIS	7350	Berzeliastra	Protea Park	ATLANTIS	7350	PROTEA P	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100032	18.493878	-33.57683	Y		8	R	452

130330426	BET-EL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ1	23	3421380	Posbus 147	Olifantsberg	WORCEST	6849	Olifantsberg	Worcester		6849	WORCEST	WORCEST	WORCEST	CAPE WINI	WITZENBE	10202005	19.365315	-33.6143	Y		6	P		110
107322237	BEVERLEY PARK PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	4	NQ5	21	9041780	Posbus 100	Eerste River		7100	Flambojant	Eerste River		7100	EERSTE RI	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100016	18.734607	-34.01665	Y		7	R		935
102480126	BISHOP LAVIS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	3	NQ4	21	9341030	Lavisrylaan	Lavistown		7490	Lavisrylaan	Lavistown			BISHOP LA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100030	18.579603	-33.94676	N		7		4	442
102483370	BISHOP LAVIS SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	3	NQ4	21	9341005	Helderbergv	Bishop Lavis		7490	Helderbergv	Bishop Lavis			BISHOP LA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100030	18.577032	-33.94707	Y	1342208	12		8	1,107
114330779	BISSETSDRIFT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	3	Overberg	7	NQ1	28	8414758	Posbus 273	VILLIERSDORP		6848	Lingenvelde	VYEBOOM	ELGIN	6848	CALEDON	CALEDON	CALEDON	OVERBERG	THEEWATE	10301009	19.110121	-34.06915	Y	8932	9	R		728
137340359	BITTERFONTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	6427154	Posbus 68	Bitterfontein		8200	Buitekantstr	Westpoint	BITTERFON	8220	BITTERFON	BITTERFON	VANRHYNS	WEST COA	MATZIKAM	10101008	18.255913	-31.0509	Y		7	R		137
107321796	BLACKHEATH PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	4	NQ5	21	9052200	P O Box 11	Blackheath		7581	C/O Evergre	Austinville	BLACKHEA	7580	GAYLEE	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100014	18.699065	-33.97859	Y		7	R		1,816
107323888	BLACKHEATH SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	5	NQ5	21	9054848	Posbus 163	Blackheath		7581	Meterensing	Dennemere	BLACKHEA	7581	DENNEMEI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100014	18.704607	-33.98238	N	1334402	12		8	1,047
118109218	BLANCO LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ5	44	8707380	Posbus 709	Blanco		6531	Montagustra	Blanco		6531	BLANCO	BLANCO	GEORGE	EDEN	GEORGE	10404001	22.4097	-33.94583	Y		7	R		285
107328324	BLOEKOMBOS PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_East	2	NQ1	21	9870318	P O Box 280	Kraaifontein		7570	Magubudela	Bloekombos	KRAAIFONTEIN		BLOEKOMI	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100101	18.748938	-33.84401	N		7	P		1,318
107007987	BLOEKOMBOS SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ1	21	9881115	P O Box 149	Kraaifontein		7569	Old Paarl R	Bloekombos	KRAAIFONT	7570	BLOEKOMI	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100101	18.742231	-33.8445	N	1344454	12		8	1,361
132476099	BLOEMENDAL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4865815	Posbus 340	Malmesbury		7299	Darlingweg	Bloemenda	MALMESBU	7300	MALMESBU	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105004	18.621862	-33.44234	Y		6	R		76
114336696	BLOEMENHOF NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	10	NQ1	28	2611275	Posbus 172	Riviersonderend		7250	Beyerstrust	Ganskraal	RIVIERSON	7250	RIVIERSON	RIVIERSON	CALEDON	OVERBERG	THEEWATE	10301001	19.821205	-34.12683	Y		7	R		92
109310202	BLOEMHOF HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ5	21	8873044	Posbus 188	Stellenbosch		7599	Kochstraat	Stellenbosch		7600	STELLENB	STELLENB	STELLENB	CAPE WINI	STELLENB	10204022	18.857248	-33.94344	Y	1317702	12		8	704
105311081	BLOMVLEI PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6921377	H/V Hanove	Athwoodwe	HANOVER	7780	H/V Hanove	Athwoodwe	HANOVER	7780	PENLYN E	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100046	18.525006	-33.99119	Y		7	R		879
105480134	BLOSSOM STREET PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	2	NQ5	21	6371424	Blossom St	Silvertown	ATHLONE	7764	Blossom St	Silvertown	ATHLONE	7764	SILVERTOV	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.53005	-33.96462	N		7	R		519
103309210	BLOUBERG RIDGE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ5	21	5578422	P O Box 11	Bloubergrant		7443	Wessels Ro	Bloubergrant			BLOUBERG	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100023	18.478979	-33.81325	Y		7		1	1,087
103008009	BLOUBERGRANT SEC	Dual Afr/Eng		ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ5	21	5576390	P O Box 50	West Beach		7449	6 Curlewis	Bloubergrant			BLOUBERG	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100023	18.487498	-33.8175	N	1342261	12		8	454
112470074	BLOUVLEI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8642110	Posbus 394	Wellington		7654	Blouvleiweg	Blouvlei			WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203029	19.027787	-33.65703	Y		7	R		106
107007988	BLUE DOWNS PRIM	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	0	NQ5	21	9096877	Detroit Cres	Malibu Villa	BLUE DOW	7100	Detroit Cres	Malibu Villa	BLUE DOW	7100	BLUE DOW	BLUE DOW	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.69012	-33.99449	N		7	R		696
101328146	BLUE MOUNTAINS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ3	21	9763936	Posbus 723	Durbanville		7550	Hooggelege	Thaba Plaas	DURBANVI	7551	DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100105	18.620896	-33.81493	Y		6	R		185
130338133	BO-DOORNRIVIER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3404487	987	Worcester		6849	Highlands F	Doornrivier	WORCEST	6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205019	19.436637	-33.90668	N		6	R		94
117338273	BOESMANSRIVIER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6163431	Posbus 106	Bonnievale		6730	Oudekraal	Bonnievale		6730	BONNIEVA	BONNIEVA	ROBERTSO	CAPE WINI	LANGEBER	10206008	20.012104	-33.9948	Y		6	R		163
105480940	BOKMAKIERIE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	1	NQ5	21	6966257	1st Avenue	Hazendal	ATHLONE	7764	1st Avenue	Hazendal	ATHLONE		HAZENDAL	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.507777	-33.95132	N		7	R		345
108306202	BOLAND LANDBOUSKOOL	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ5	21	8698143	Privaatsak X	Windmeul		7630	Agter-Paarl	Windmeul		7630	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203003	18.88483	-33.656	Y	1317703	12		8	335
106042204	BONGA LOWER PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	5	Met_South	1	NQ3	21	6378295	N Y 144	Guguletu		7750	N Y 144	Gugulethu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100045	18.565393	-33.9762	Y		9	R		407
124041308	BONGOLETHU PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	8	NQ1	44	2749235	P.O. Box 66	OUDTSHOORN		6620	N/A 8th Ave	Bongolethu	OUDTSHOO	6625	BONGOLET	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405008	22.23917	-33.60395	Y	1240413	7	R		764
106005109	BONGOLETHU PRIM.(NYANGA)	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	4	Met_South	7	NQ2	21	3715451	P O Box 33	Nyanga		7755	Dyamala St	Philippi	BROWNS F	7755	BROWNS F	PHILLIPI	WYNBERG	CITY OF CA	CITY OF CA	19100080	18.578251	-34.00377	N		7	R		1,071
130330825	BONNE ESPERANCE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3562434	Posbus 148	De Doorns		6875	Bo-Voortrek	De Doorns		6875	DE DOORN	DE DOORN	WORCEST	CAPE WINI	BREEDE V	10205003	19.675982	-33.46009	Y	8878	9	R		543
117312202	BONNIEVALE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	8	Overberg	8	NQ4	23	6162160	Privaatsak X	BONNIEVALE		6730	Van Der Me	BONNIEVALE		6730	BONNIEVA	BONNIEVA	SWELLENI	CAPE WINI	LANGEBER	10206008	20.100987	-33.93769	Y	1318806	12		1	525
117330450	BONNIEVALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	8	NQ2	23	6162655	Posbus 243	Bonnievale		6730	Newcrossst	Happy Valle	BONNIEVA	6730	HAPPY VAI	BONNIEVA	SWELLENI	CAPE WINI	LANGEBER	10206004	20.071339	-33.9322	Y	8873	9	R		1,342
117330221	BONTEBOK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ3	28	5142033	Posbus 716	SWELLENDAM		6740	Reisiebaan	SWELLENDAM		6740	SWELLENI	SWELLENI	SWELLENI	OVERBERG	SWELLENI	10304005	20.446294	-34.03559	Y		7	R		1,761
102483389	BONTEHEUWEL SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6944654	Disselweg	Bonteheuwel		7764	Disselweg	Bonteheuwel		7764	BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.547322	-33.94788	Y	1321108	12		8	805
121358193	BOONTJIESKLOOF EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133683	Groskopfstr	Riversdal		6670	Grosskopfs	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402006	21.260303	-34.09506	N		6		1	21
114336440	BOONTJIESKRAAL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ1	28	2121684	Posbus 168	Caledon	BOONTJIES	7230	Boontjieskra	Caledon		7230	CALEDON	CALEDON	CALEDON	OVERBERG	THEEWATE	10301004	19.33891	-34.20615	Y		7	R		114
138347418	BOOYSENDAL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2133376	Posbus 979	VREDENDAL		8160	Liebendal	VREDENDAL		8160	VREDEND/	VREDEND/	VREDEND/	WEST COA	MATZIKAM	10101008	18.416338	-31.60678	Y		6	P		50
126336963	BOPLAAS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ3	23	3170231	Posbus 36	Koue Bokkeveld		6836	Boplaas	Koue Bokkeveld		6836	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202008	19.36384	-32.9766	Y	8927	9	R		189
102310204	BOSMANSDAM HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	3	NQ5	21	5581070	Adam Tasla	Bothasig		7441	Adam Tasla	Bothasig			BOTHASIG	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100005	18.533014	-33.85954	Y	1342209	12		8	824
102309211	BOSMANSDAM PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	3	NQ5	21	5582410	1 Elbrecht S	Bothasig		7441	1 Elbrecht S	Bothasig		7441	BOTHASIG	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100005	18.535613	-33.86901	Y		7	R		787
112476110	BOSPLAAS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	23	40 144	Bosplaas	Hermon		7308	Bosplaas	Hermon			WELLINGT	WELLINGT	TULBAGH	CAPE WINI	DRAKENST	10203031	18.998136	-33.36364	N		7	R		40
101309212	BOSTON PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	1	NQ5	21	9482526	P.O. Box 51	Bellville		7535	Lincoln Stre	Boston	BELLVILLE	7530	BOSTON	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.617513	-33.89059	Y		7	R		643
133338214	BOTHA'S HALTE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ1	23	3551661	Posbus 15	Botha		6857	Boesmansv	Botha		6857	WORCEST	WORCEST	WORCEST	CAPE WINI	WITZENBE	10202005	19.264836	-33.55825	Y		6	R		119
114330590	BOTRIVIER PRIM	Par: Afr/Xhosa	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	3	Overberg	9	NQ2	28	2849810	Posbus 537	Botrivier		7185	Parkstraat	Botrivier		7185	BOTRIVIER	BOTRIVIER	CALEDON	OVERBERG	THEEWATE	10301007	19.196382	-34.23239	N	8912	9	R		658
107326070	BOTTELARY PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	6	NQ2	21	9887140	Posbus 419	Kraaifontein		7569	Bottelaryw	Koopmansk	KRAAIFONT	7570	KUILSRIVIE	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100008	18.748831	-33.88765	N		7	R		433
102480177	BOUNDARY PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6948583	C/O Settlers	BONTEHEUWEL		7764	Taaibos Str	BONTEHEU	CAPE TOW	7764	BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.544326	-33.95508	N		7	R		456
126330949	BOY MULLER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3170220	Posbus 75	KOUE BOKKEVELD		6836	Boy Muller	KOUE BOKKEVELD		6836	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202009	19.289147	-32.8396	Y	8934	9		7	122
119356735	BRACKEN HILL EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ1	44	3759066	Posbus 544	Knysna		6570	Bracken Hil	N2 East Of	KNYSNA	6570	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408003	23.158291	-34.02779	Y		6		1	59
107310205	BRACKENFELL HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	3	NQ5	21	9815522	Privaatsak X	BRACKENFELL		7561	Roglandstra	BRACKENFELL		7560	BRACKENF	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100102	18.687605	-33.87127	Y	1334403	12		8	1,599
107309213	BRACKENFELL PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	3	NQ5	21	9812147	Kerkstraat	Brackenfell		7560	Kerkstraat	Brackenfell			BRACKENF	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100102	18.684881	-33.8751	Y		7	R		1,416
121357413	BRAKFONTEIN EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7131743	Posbus 294	Riversdal		6670	Van Riebee	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402003	21.042765	-34.27322	N		6		1	29
102480169	BRAMBLE WAY PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6944379	Bramblewe	Bonteheuwel		7764	Bramblewe	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.5573	-33.94324	N		7	R		274
133476137	BRANDENBURG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	9312960	Posbus 25	HALFMANSHOF		6811	24 Riviere F	HALFMANSHOF		6811	PIKETBER	PIKETBER	PIKETBER	WEST COA	BERGRIVIE	10103001	18.961118	-33.14904	Y		7	R		296
130338427	BRANDWACHT NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ3	23	40154	Posbus 543	Worcester-Wes		6862	Brandwacht	Worcester	WORCESTER		BRANDWA	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205005	19.407826	-33.59055	Y		6	R		158
113310206	BREDASDORP HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	1	Overberg	10	NQ5	28	4241210	Posbus 255	Bredasdorp		7280	Bondstraat	Bredasdorp			BREDASD	BREDASD	BREDASD	OVERBERG	CAPE AGU	10303004	20.036638	-34.53928	Y	1388808	12		8	497
113309216	BREDASDORP PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ5	28	4241334	Posbus 160	Bredasdorp		7280	Buitekantst	Bredasdorp			BREDASD	BREDASD	BREDASD	OVERBERG	CAPE AGU	10303004	20.038247	-34.53044	Y		7	R		553
130309218	BREERIVIER LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ5	23	3551618	Posbus 3	Breerivier		6858	Goedgeloof	Bre?rivier		6858	WORCEST	WORCEST	WORCEST	CAPE WINI	WITZENBE	10202002	19.217263	-33.5211	Y		7		1	48
136476145	BREEVLEI PRIM	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	22	9421783	Posbus 376	Piketberg		7320	Breevlei	Paleisheuwel			CLANWILL	CLANWILL	CLANWILL	WEST COA	CEDERBEF	10102004	18.713734	-32.51582	Y		7	R		111
130333352	BRE?RIVIER HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	5	Overberg	4	NQ4	23	3471180	Posbus 398	Worcester		6849	Noblestraat	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205013	19.441218	-33.6643	Y	1318809	12		8	1,577
105483397	BRIDGETOWN SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_Central	2	NQ4	21	6371435	Brushwood	Bridgetown	ATHLONE	7764	11 Brushwo	Bridgetown	ATHLONE	7764	BRIDGETO	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.53018	-33.95823	N	1321111	12		8	833
105480150	BRIDGEVILLE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	2	NQ4	21	6371444	58 Kiewiet	Bridgetown		7764	58 Kiewiet	Bridgetown		7764	BRIDGETO	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.533262	-33.95517	Y		7	R		677
124353361	BRIDGTON SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	8	NQ3	44	2740836	Posbus 304	Bridgton	OUDTSHOO	6623	Berginsstra	Bridgton	OUDTSHOO	6625	BRIDGTON	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405004	22.229732	-33.59699	Y	1353304	12		8	1,424
125357871	BRITSEVLAKTE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ1	44	7711156	Posbus 121	Uniondale		6460	Britsevlakte	Uniondale	BRITSEVLAKTE UNION		UNIONDAL	UNIONDAL	UNIONDAL	EDEN	GEORGE	10404025	23.290146	-33.4265	Y		7		1	35
126338842	BRITSUM NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	40287	Posbus 368	Ceres		6835	P/A H De K	De Eiken	CERES		CERES	CERES	CERES	CAPE WINI	WITZENBE	10202012	19.562136	-33.35331	Y		6	R		72
107322326	BROOKLANDS PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	6	NQ5	21	9821470	Brooklands	P.O. Box 84	BRACKENF	7560	Brooklands	Northpine	BRACKENF	7560	NORTH PIN	BRACKENF	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.716991	-33.87268	Y		7	R		787
109320609	BRUCKNER DE VILLIERS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ3	21	8866329	Hectorstraa	Idasvallei	STELLENB	7600	Hectorstraa	Idasvallei	STELLENB	7600	IDASVALLE	STELLENB	STELLENB	CAPE WINI	STELLENB	10204006	18.889159	-33.91981	N		7	R		299
117337811	BRUINTJIESRIVIER EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6163044	Posbus 150	Bonnievale		6730	Posbus 150	Bonnievale	DREW		BONNIEVA	BONNIEVA	SWELLENI	CAPE WINI	LANGEBER	10206008	20.217061	-33.99014	Y		7	R		151
105490059	BUCK ROAD PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	2	NQ5	21	7063683	Buck Road	Lotus River		7941	40 Buck Ro	Lotus River			PELICAN P	ZEEKOEVL	WYNBERG	CITY OF CA	CITY OF CA	19100065	18.519207	-34.03921	Y		7	R		746
117309219	BUFFELJAGSRIVIER LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ4	28	5123655	Posbus 6	Buffeljagsrivier		6742	Baklysplaat	Buffeljagsrivier		6742	SWELLENI	SWELLENI	SWELLENI	OVERBERG	SWELLENI	10304003	20.528244	-34.04503	Y		7	R		118
120109220	BUFFELSFONTEIN LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	2	NQ4	44	6991145	Posbus 158	Mosselbaai		6500	P/A Johnso	Mosselbaai	PLAAS BUFFELSFONTEIN		MOSSEL B	MOSSEL B	MOSSEL B	EDEN	MOSSEL B	10403007	21.862318	-34.24084	Y		7	R		57
128338532	BUFFELSKLOOF SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6251645	Posbus 440	Mcgregor		6708	Buffelskloof	Mcgregor		6708	MCGREGO	MCGREGO	ROBERTSO	CAPE WINI	LANGEBER	10206008	19.884742	-34.00035	Y		6		1	29
106041121	BULUMKO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	5	NQ3	21	3610257	P.O.Box 64	Khayelitsha		7784	31 Mongezi	F Section	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.672728	-34.03881	N	1334404	12		8	1,474
103310208	BUREN HS.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_North	4	NQ4	21	5111912	Poolestraat	Ysterplaat		7405	Poolestraat	Ysterplaat			YSTERPLA	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100055	18.483522	-33.90551	Y	1321112	12		8	526
102480223	C.L. WILMOT PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	5	NQ3	21	9330101	Malvaweg	Uitsig		7493	Malvaweg	Uitsig			UITSIG	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100025	18.597024	-33.93141	N		7	R		438
122112206	CALITZDORP HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ4	44	2133313	Posbus 20	CALITZDORP		6660	Andries Pre	CALITZDORP		6660	CALITZDOF	CALITZDOF	CALITZDOF	EDEN	KANNALAN	10401002	21.687659	-33.53368	Y	1353305	12	R		542
103310325	CAMPS BAY HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4381507	P O Box 32	CAMPS BAY		8040	1 Lower Klo	CAMPS BAY		8040	CAMPS BA	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100054	18.378287	-33.94403	Y	1321115	12		8	681
103308201	CAMPS BAY PREP.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4388075	P.O. Box 32	Camps Bay		8040	The Drive	Camps Bay			CAMPS BA	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100074	18.378953	-33.95326	Y		2	P		249
103309222	CAMPS BAY PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4381503	P.O. Box 32	Camps Bay		8040	11 Dunkeld	Camps Bay		8005	CAMPS BA	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100074	18.380559	-33.95798	Y		7		1	310
103310213	CAPE TOWN HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4242168	P.O.Box 12	Mill Street	CAPE TOW	8010	Governmen	Gardens	CAPE TOWN		GARDENS	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100077	18.414887	-33.93189	Y	1321117	12		8	434
104316849	CAPRICORN PRIM	Par: Afr/Eng		ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	2	NQ4	21	7013693	1115 Vrygro	Capricorn P	MUIZENBE	7945	1115 C/O N	Ave, Capric	MUIZENBE	7945	MUIZENBE	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100067	18.487458	-34.08427	Y		7	R		674
106490083	CARADALE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	7	NQ4	21	3912079	Cnr Caravel	Rocklands	MITCHELL'S	7785	Cnr Caravel	Rocklands	MITCHELLS PLAIN		ROCKLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100081	18.618593	-34.0638	Y		7	R		928
106490091	CARAVELLE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	7	Met_South	5	NQ4	21	3926603	Caravellewe	Rocklands	MITCHELL'S	7785	Caravellewe	Rocklands	MITCHELLS PLAIN		ROCKLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100043	18.607857	-34.06804	Y		8	R		732
133477613	CARL SCHREVE (MOR) PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ3	22	9124211	Posbus 283	PIKETBERG		7320	Kerkstraat	WITTEWATER		7322	WITTEWAT	PIKETBER	PIKETBER	WEST COA	BERGRIVIE	10103005	18.70526	-32.91744	Y		7	R		302
106490075	CASCADE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	5	NQ4	21	3976030	Cascade St	Eastridge	MITCHELLS	7785	Cascade St	Eastridge	MITCHELLS	7785	EASTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100082	18.630628	-34.05698	N		7	R		874
105483400	CATHKIN SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6375366	34 Fifth Stre	Heideveld		7764	34 Fifth Stre	Heideveld			HEIDEVELI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100044	18.54892	-33.96293	N	1321118	12		8	490
101320986	CAVALLERIA PRIM	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	2	NQ5	21	9881200	Josephlaan	Scottsdene	KRAAIFONT	7570	Josephlaan	Scottsdene	KRAAIFONT	7570	SCOTTSDE	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.722554	-33.86422	N		7	R		1,210
103310174	CECIL ROAD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4481574	Cecil Road	Salt River		7925	Cecil Road	Salt River			SALT RIVE	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.461585	-33.93192	Y		7	R		561
102480185	CEDAR PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6944656	Camelliastr	Bonteheuwel		7764	Camelliastr	Bonteheuwel		7764	BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.549506	-33.9478	N		7	P		401
106493333	CEDAR SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	5	NQ5	21	3925737	C/O Weltev	Rocklands	MITCHELL'S	7798	C/O Weltev	Rocklands	MITCHELLS PLAIN		ROCKLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100043	18.601301	-34.06469	Y	1366603	12		8	1,387
100000091	CEDERBERG ACADEMY	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	4		0	NQ4	22	9213106	Posbus 372	CITRUSDAL		7340	Heuwelsing	CITRUSDAL		7340	CITRUSDAI	CITRUSDAI	CLANWILL	WEST COA	CEDERBEF	10102002	19.011434	-32.57759	N		12		8	771
102480193	CENTRAL PARK PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6944659	Junipersstra	Bonteheuwel		7764	Junipersstra	Bonteheuwel		7764	BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.555408	-33.95141	N		7	R		301
126330094	CERES PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ4	23	3121510	Lylestraat	Ceres		6835	Lylestraat	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202003	19.310911	-33.37621	Y	8923	9	R		512
126333034	CERES SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	4	Overberg	1	NQ4	23	3122460	Privaatsak X	Ceres		6835	Gardenialaa	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202003	19.31646	-33.37648	Y	1318810	12		8	961
103310077	CHAPEL STREET PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4654107	Chapel Stre	Cape Town		7925	Chapel Stre	Cape Town		7925	CAPE CEN	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.438918	-33.92962	N		7	R		578
108470716	CHARLESTON HILL PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ3	21	8620440	Posbus 6	HUGENOT		7645	Hilarislaan	Elriche	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203022	18.9835	-33.72066	Y	7769	9	R		875
108473480	CHARLESTON HILL SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8620212	Van Der Ste	Klein Neder	PAARL	7646	Van Der Ste	Klein Neder	PAARL		PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203021	18.994538	-33.72384	Y	1317704	12		8	1,198
126310214	CHARLIE HOFMEYR HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	4	Overberg	1	NQ5	23	3121130	Posbus 49	Ceres		6835	Van Riebee	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202003	19.30428	-33.37404	Y	1318811	12		8	595
132476161	CHATSWORTH AME PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ2	22	4813673	Posbus 108	Malmesbury		7299	Cemetryweg	Chatsworth	ARENDSDA	7353	CHATSWO	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105004	18.586278	-33.54414	Y		7	R		355
106041332	CHRIS HANI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	8	NQ2	21	3671838	P O Box 15	Khayelitsha		7784	C/O Cekeca	Makhaza	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100096	18.706034	-34.0469	N	1334405	12		8	1,347
119390585	CHRIS NISSEN PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ2	44	3820702	P.O. Box 24	White Loca	KNYSNA	6570	Rolihlahla S	White Loca	KNYSNA	6570	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408004	23.061249	-34.02881	Y		7	R		896
105316644	CHRISTIAN DAVID MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	2	NQ4	21	7021628	Posbus 392	Capricorn Square		7948	Prins Georg	STEENBERG			ZERILDA P	WYNBERG	SIMONS TO	CITY OF CA	CITY OF CA	19100068	18.478681	-34.0756	N		7		1	380
100000217	CHRISTMAS TINTO PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	7	NQ3			PO Box 307	SOMERSET	STRAND	7129	Hlati Drive	Asanda Villa	STRAND	7140	STRAND	STRAND	STRAND	CITY OF CA	CITY OF CA	19100085	18.856939	-34.10751	N		7		1	#N/A

106041319	CHUMA PUBL. PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	4	NQ3	21	3610129	P O Box 25	Khayelitsha		7783	Govern Mbe	Khayelitsha			KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100097	18.678254	-34.04224	N		7	R	1,273
106041218	CHUMISA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO EAST	1	Met_East	6	NQ2	21	3615371	P O Box 35	Nonkqubela	KHAYELITS	7793	Bonga Drive	Site B	KHAYELITS	7784	NONKQUBI	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100091	18.662775	-34.02171	Y	4480	9	R	1,127
136470082	CITRUSDAL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	4	Westcoast/Winelands	8	NQ4	22	9212327	Posbus 288	Citrusdal		7340	Anemoonst	Citrusdal		7340	CITRUSDAI	CITRUSDAI	CLANWILLI	WEST COA	CEDERBEF	10102002	19.008361	-32.58323	Y	5551	9	R	1,109
136473472	CLANWILLIAM SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	4	Westcoast/Winelands	8	NQ3	27	4821708	Posbus 233	Clanwilliam		8135	Ou Kaapsev	Clanwilliam			CLANWILLI	CLANWILLI	CLANWILLI	WEST COA	CEDERBEF	10102003	18.889454	-32.18946	Y	1375505	12	8	607
100000055	CLAREMONT HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6710645	Molteno Ro	CLAREMONT		7708	Molteno Ro	CLAREMONT		7708	KENILWOR	KENILWOR	WYNBERG	CITY OF CA	CITY OF CA	19100059	18.469091	-33.98801	N		11	8	252
105309223	CLAREMONT PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6742126	38 Palmyra	CLAREMONT		7708	38 Palmyra	CLAREMONT		7708	CLAREMOI	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100058	18.47072	-33.97929	Y		7	R	300
102480215	CLARKE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	4	NQ4	21	9314387	Meltonweg	Clarke-Lanc	ELSIESRIV	7490	Meltonweg	Clarke-Lanc	ELSIESRIV	7490	CLARKES E	ELSIES RIV	GOODWOC	CITY OF CA	CITY OF CA	19100024	18.586039	-33.94256	Y		7	R	376
109323535	CLOETESVILLE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ4	21	8895424	Posbus 232	Dennesig	STELLENB	7600	Currystraat	Cloetesville	STELLENBOSCH		CLOETESV	STELLENB	STELLENB	CAPE WINI	STELLENB	10204016	18.852403	-33.91305	Y	1317705	12	8	1,280
109320684	CLOETESVILLE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ3	21	8895329	Currystraat	Cloetesville	STELLENB	7600	Currystraat	Cloetesville	STELLENB	7600	CLOETESV	STELLENB	STELLENB	CAPE WINI	STELLENB	10204013	18.853878	-33.91686	Y		7	R	638
124350389	COLRIDGE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ3	44	2722498	P.O Box 74	OUDTSHOORN		6620	7th Avenue	Colridge Vie	OUDTSHOO	6625	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405013	22.227544	-33.59609	Y		8	R	1,054
127337528	CONCORDIA NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6142874	Posbus 278	MONTAGU		6720	Koo	MONTAGU		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBEF	10206012	19.859784	-33.69075	Y		7	P	152
105310123	CONSTANTIA PRIM.	Dual Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	2	NQ4	21	7946186	Spaanscher	Constantia		7806	Spaanscher	Constantia			CONSTANT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.443899	-34.02759	Y		7	R	221
118350117	CONVILLE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	3	NQ3	44	8758340	Posbus 314	GEORGE INDUSTRIA		6536	Pienaarstra	Conville	GEORGE IN	6536	CONVILLE	GEORGE	GEORGE	EDEN	GEORGE	10404017	22.47483	-33.9825	Y	3386	9	R	1,305
106490105	CORNFLOWER PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	6	Met_South	3	NQ4	21	3743451	Cornflower	Lentegeur	MITCHELLS	7785	27 Cornflow	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.61389	-34.03002	Y	6663	9	R	1,391
108309224	COURTRAI PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8633220	Montreuxstr	Courtrai	SUIDER-PA	7646	Montreuxstr	Suider-Paarl			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203015	18.955319	-33.77439	Y		7	R	585
102062450	CRAVENBY SEC	English	English	ORDINARY	PUBLIC	Combined School	METRO NORTH	5	Met_North	3	NQ5	21	9314470	P.O. Box 63	Parow East		7501	Cnr York &	Cravenby Estate			CRAVENBY	PAROW	GOODWOC	CITY OF CA	CITY OF CA	19100025	18.586329	-33.92495	Y	1342210	12	R	1,248
105313599	CRESTWAY SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	4	NQ4	21	7011551	Concert Bou	Retreat		7945	Concert Bou	Retreat			RETREAT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100072	18.477958	-34.06308	N	1369908	12	8	903
105313602	CRYSTAL SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6921378	Greenturf R	Hanover Pa	CAPE TOW	7780	Greenturfwe	Hanover Pa	CAPE TOW	7780	HANOVER	LANDSDOV	WYNBERG	CITY OF CA	CITY OF CA	19100047	18.537621	-33.99322	N	1321120	12	8	884
105480231	CYPRESS PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	2	NQ4	21	6371418	Sipress Ave	Bridgetown	ATHLONE	7764	Sipress Ave	Bridgetown	ATHLONE	7764	BRIDGETO	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.522863	-33.95381	N		7	R	503
101310217	D.F. MALAN HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_North	1	NQ5	21	9488781	Frans Conra	Bellville		7530	Frans Conra	Bellville		7530	BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.627111	-33.89368	Y	1342212	12	8	1,055
128330086	DAGBREEK LS	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	6	NQ3	23	6263381	Posbus 521	Robertson		6705	Heidelaan	Dagbreek U	ROBERTSON		ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBEF	10206003	19.887799	-33.78876	Y		7	R	1,109
105480258	DAGBREEK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6374016	Katbergweg	Heideveld		7764	Katbergweg	Heideveld			HEIDEVELI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100044	18.555231	-33.9631	Y		7	P	384
108476218	DAL JOSAPHAT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8682610	Posbus 88	Huguenot		7645	Dalweg	Dal Josaphat			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203025	19.016103	-33.69421	Y		7	R	500
108042115	DALUBUHLE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	2	NQ1	21	8763957	P O Box 11	La Motte	FRANSCHH	7691	Angelier Ro	Mooiwater	FRANSCHOEK		GROENDAI	FRANSCHO	PAARL	CAPE WINI	STELLENB	10204002	19.102905	-33.8871	Y		7	R	528
108470791	DALWEIDE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8681901	Simfonielaa	Groenheuw	PAARL	7646	Simfonielaa	Groenheuw	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203017	18.993719	-33.69716	Y		7	R	1,041
110320315	DANIE ACKERMANN PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	7	NQ5	21	8521634	Posbus 163	Somerset Mall		7137	De Beerslaa	Somerset-Wes			SOMERSET	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100015	18.832648	-34.0864	Y		7	R	886
114309225	DANIEL LE ROUX PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ2	28	8414645	Posbus 58	Vyeboom		7171	Hoofweg	Vyeboom			GRABOUW	GRABOUW	CALEDON	OVERBERO	THEEWATE	10301009	19.11034	-34.06654	Y		3	R	157
123356883	DANKOORD VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5512058	Posbus 247	Ladismith		6655	Dankoord	Ladismith		6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAN	10401004	21.163339	-33.51658	Y		7	R	144
132309226	DARLING LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	1	Westcoast/Winelands	5	NQ4	22	4922503	Posbus 78	Darling		7345	Kalkoentjies	Darling			DARLING	DARLING	MALMESBU	WEST COA	SWARTLAN	10105006	18.38167	-33.38233	Y	5549	9	R	407
113330809	DE HEIDE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ3	28	4241230	Posbus 469	Bredasdorp		7280	Rekreasiest	Bredasdorp			BREDASDO	BREDASDO	BREDASDO	OVERBERO	CAPE AGU	10303002	20.051545	-34.53144	Y		7	R	1,400
125357847	DE HOOP LAER.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	7523385	Posbus 34	Haarlem		6467	Mountain Pa	Avontuur	MOUNTAIN PASTURES		UNIONDALI	UNIONDALI	UNIONDALI	EDEN	GEORGE	10404024	23.25547	-33.68745	Y		6	1	31
110309228	DE HOOP LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	8	NQ5	21	8523276	Posbus 282	Somerset-Wes		7129	Ou Stellenb	Somerset-Wes			SOMERSET	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100015	18.837556	-34.07003	Y		7	1	1,207
124358118	DE JAGER VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ1	44	2722394	Posbus 569	Buffelsdrift	OUDTSHOO	6620	P/A Piet En	Buffelsdrift	OUDTSHOO	6620	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405002	22.245483	-33.54664	Y		7	1	140
130333409	DE KRUINE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3581751	Posbus 164	TOUWSRIVIER		6880	Skoolstraat	TOUWSRIVIER		6880	TOUWSRIV	TOUWSRIV	WORCEST	CAPE WINI	BREEDE V.	10205001	20.019205	-33.34772	N	1318812	12	8	513
107310218	DE KUILEN HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	6	NQ5	21	9035121	Posbus 301	KUILSRIVIER		7579	Kerkstraat	KUILSRIVIER		7580	KUILSRIVIE	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100011	18.685121	-33.92561	Y	1334407	12	8	1,484
107309229	DE KUILEN PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	6	NQ5	21	9034160	Posbus 50	Kuilsrivier		7579	Kerkstraat	Kuilsrivier			KUILSRIVIE	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100011	18.680627	-33.92417	Y		7	P	1,097
126336998	DE MEUL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3170304	Posbus 79	Koue Bokkeveld		6836	De Meul Pla	Koue Bokkeveld		6836	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202009	19.351364	-32.89007	Y		6	1	56
137476242	DE NEUS SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2161703	Posbus 123	Klawer		8145	De Neus	Trawal		8149	KLAWER	KLAWER	VREDENDA	WEST COA	MATZIKAM	10101007	18.651461	-31.89122	Y		6	1	39
114336734	DE RUST FUTURA AKADEMIE	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	OVERBERG	2	Overberg	9	NQ3	21	8440448	Posbus 112	GRABOUW		7160	Patryslaagte	De Rust Lar	GRABOUW	7160	GRABOUW	GRABOUW	CALEDON	OVERBERO	THEEWATE	10301007	19.076942	-34.17628	Y	1388885	12	R	717
124357286	DE RUST PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2412324	Posbus 65	De Rust		6650	Skoolstraat	De Rust		6650	DE RUST	DE RUST	OUDTSHOO	EDEN	OUDTSHOO	10405011	22.521038	-33.49675	Y		7	R	734
124353491	DE RUST SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2412237	Posbus 16	DE RUST		6650	2de Laan	DE RUST		6650	DE RUST	DE RUST	OUDTSHOO	EDEN	OUDTSHOO	10405011	22.530409	-33.49164	Y	1353384	12	8	505
130330701	DE TUINEN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	5	Overberg	5	NQ5	23	3420803	Posbus 164	Worcester		6849	Cupidostraa	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205011	19.446294	-33.65526	Y		8	R	783
101309230	DE TYGER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	5	NQ5	21	9302829	Posbus 213	Parow		7499	Glenboigstr	Parow			FAIRFIELD	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.596045	-33.89625	Y		7	R	638
114310220	DE VILLIERS GRAAFF HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ5	28	8401640	Posbus 32	Villiersdorp		6848	H/V Ham- &	Villiersdorp		6848	VILLIERSD	VILLIERSD	CALEDON	OVERBERO	THEEWATE	10301005	19.29183	-33.9855	Y	1388814	12	8	194
114309231	DE VILLIERS GRAAFF PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ5	28	8401328	Posbus 92	Villiersdorp		6848	Graaffstraat	Villiersdorp		6848	VILLIERSD	VILLIERSD	CALEDON	OVERBERO	THEEWATE	10301005	19.294169	-33.9847	Y		7	R	302
128330183	DE VILLIERS LAER.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	6	NQ2	23	6262465	Posbus 404	Robertson		6705	Loopstraat (	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBEF	10206001	19.884601	-33.79459	Y	1283301	7	R	955
124350133	DE VILLIERS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ2	44	2723635	Posbus 313	Bridgton	OUDTSHOO	6625	Wilgerboom	Bridgton	OUDTSHOO	6625	BRIDGTON	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405007	22.215047	-33.59947	Y		7	R	751
102309232	DE VRIJE ZEE PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ5	21	5916361	Moltenostra	Vrijzee		7460	Moltenostra	Vrijzee		7460	RICHMONE	GOODWOC	GOODWOC	CITY OF CA	CITY OF CA	19100027	18.564624	-33.90737	Y		7	4	631
116330388	DE WAALVILLE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ4	28	7221732	Posbus 220	Heidelberg		6665	Stewartstra	Heidelberg		6665	HEIDELBEI	HEIDELBEI	HEIDELBEI	EDEN	HESSEQUA	10402005	20.96317	-34.10383	Y		7	R	1,050
101309602	DE WAVEREN PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	4	NQ4	21	5346662	Hugenootst	Ruyterwacht		7460	Hugenootst	Ruyterwacht			RUYTERW.	GOODWOC	GOODWOC	CITY OF CA	CITY OF CA	19100030	18.559168	-33.92037	Y		7	4	456
107322202	DELFT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9541127	Posbus 249	Bellville		7535	Voorbrugwe	Delft		7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100020	18.649709	-33.97547	Y		7	R	1,193
100000109	DELFT TECHNICAL HS	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3		0	NQ4			Bagzane Ro	Leiden	DELFT	7100	Bagzane Ro	Leiden	DELFT	7100	DELFT	DELFT	BELLVILLE	CITY OF CA	CITY OF CA	19100106	18.629656	-33.96519	N		9	8	229
107007179	DELFT-SOUTH PRIM	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9553397	P.O. Box 30	Delft		7100	Essenhout S	Delft South		7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100020	18.638704	-33.99223	N		7	R	1,370
118350370	DELLVILLE PARK PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	5	NQ4	44	8782300	Posbus 31	Dellville Par	PACALTSD	6534	Lynxstraat 4	Dellville Par	PACALTSD	6529	PACALTSD	PACALTSD	GEORGE	EDEN	GEORGE	10404023	22.445817	-34.00725	N		7	R	1,024
105310646	DELTA PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	3	NQ4	21	7121737	Tambourine	Steenberg		7945	Tambourine	Steenberg			STEENBER	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100110	18.484524	-34.06387	Y		7	R	928
114336742	DENNEGEUR NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	2	Overberg	9	NQ1	21	8468228	Posbus 65	Grabouw		7160	Dennegeur	Appletiser F	GRABOUW		GRABOUW	GRABOUW	CALEDON	OVERBERO	THEEWATE	10301010	19.010452	-34.1919	Y		7	R	230
106490563	DENNEGEUR PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ5	21	3933475	Dennegeur	Strandfontein		7798	169 Denneg	Strandfontein		7798	STRANDFO	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100043	18.560734	-34.06984	Y		7	R	929
107322229	DENNEMERE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	5	NQ5	21	9052538	Po Box 152	Kuils River		7579	Reygersdal	Dennemere	BLACKHEA	7581	DENNEMEI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100014	18.704195	-33.98018	N		7	R	1,174
118109236	DENNEOORD LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	4	NQ5	44	8733439	Posbus 971	George		6530	Wellingtons	Denneoord	GEORGE		GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404002	22.474525	-33.94469	Y		7	R	433
120350419	DENNEPRAG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ1	44	6310076	Posbus 946	Da Gamask	MOSSELBA	6500	Ruiterbos	R328 Robin	MOSSELBA	6500	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403014	22.033342	-33.91772	N		7	R	50
130042202	DESMOND MPILO TUTU SEC.	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8682959	P O Box 89	Hugenot		7645	Funda Stree	Polar Park	MBEKWEN	7626	MBEKWEN	PAARL	PAARL	CAPE WINI	DRAKENST	10203011	18.993169	-33.68423	N	1317706	12	8	1,201
109321036	DEVONVALLEI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8832935	Pobus 4046	Stellenbosch		7599	Devonvallei	Devonvallei			STELLENB	STELLENB	STELLENB	CAPE WINI	STELLENB	10204011	18.820317	-33.92267	N		7	R	217
120350125	DIAZ PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ4	44	6930044	Posbus 804	Da Gamask	MOSSELBA	6500	Alhofrylaan	Uitbreiding 8	MOSSELBAAI		MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403012	22.111894	-34.17391	Y		7	P	965
134473359	DIAZVILLE HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7141909	P.O. Box 12	SALDANHA		7395	Vraagomstr	Diazville	SALDANHA	7395	DIAZVILLE	SALDANHA	VREDENBU	WEST COA	SALDANHA	10104001	17.909627	-33.00804	Y	1375506	12	8	1,212
134470090	DIAZVILLE PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7141645	Posbus 120	SALDANHA		7395	Galjoenstra	Diazville	SALDANHA		DIAZVILLE	SALDANHA	VREDENBU	WEST COA	SALDANHA	10104004	17.917653	-33.00702	Y		7	R	1,226
115330396	DIE BRON PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	2	Overberg	9	NQ2	28	3410830	Posbus 12	Stanford		7210	Skoolstraat	Stanford			STANFORD	STANFORD	HERMANUS	OVERBERO	OVERSTRA	10302011	19.450136	-34.44263	Y	8924	9	R	508
105490490	DIE DUINE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ4	21	7034165	Tweedelaar	Lotusrivier		7945	Tweedelaar	Lotusrivier			LOTUS RIV	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100065	18.524071	-34.03487	Y		7	R	769
126336769	DIE EIKE VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3133485	Posbus 92	Ceres		6835	Die Eike Pla	Witzenberg	CERES		CERES	CERES	CERES	CAPE WINI	WITZENBE	10202010	19.224896	-33.20842	Y	8933	9	R	235
114336432	DIEPGAT NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ1	28	2121436	Posbus 135	Caledon		7230	Diepgatplaa	Caledon			CALEDON	CALEDON	CALEDON	OVERBERO	THEEWATE	10301004	19.349892	-34.33831	Y		7	R	58
118356271	DIEPKLOOF VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ1	44	8760147	Posbus 219	George		6530	Diepkloof	Pk Sinksabrug		6530	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404022	22.307915	-33.99501	Y		7	1	152
118356441	DIEPRIVIER VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	7451014	Pk Nollshal	Nollshalte		6462	Pk Nollshal	Nollshalte		6462	UNIONDALI	UNIONDALI	GEORGE	EDEN	GEORGE	10404024	22.882696	-33.77076	Y		6	1	78
106486019	DIETRICH MOR PRIM.	Afrikaans	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	2	NQ2	21	6908030	P O Box 32	Ottery		7808	C/O Stanley	Philippi			PHILLIPI	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100080	18.54667	-34.01463	N		7	1	197
125350346	DIRK BOSHOFF PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ2	44	7521096	Posbus 116	Uniondale		6460	Kynsnastraa	Uniondale		6460	UNIONDALI	UNIONDALI	UNIONDALI	EDEN	GEORGE	10404025	23.1165	-33.66083	Y	3383	9	R	762
135310225	DIRKIE UYS HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	2	Westcoast/Winelands	6	NQ5	22	4332253	Posbus 212	Moorreesburg		7310	H/V Tuin- E	Moorreesburg			MOORREE	MOORREE	MOORREE	WEST COA	SWARTLAN	10105001	18.658723	-33.15083	Y	1375507	12	8	298
132309233	DIRKIE UYS LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ5	22	4331082	Reservoirstr	MOORREESBURG		7310	Reservoirstr	MOORREESBURG		7310	MOORREE	MOORREE	MOORREE	WEST COA	SWARTLAN	10105001	18.656992	-33.15053	Y		7	R	446
102480266	DISA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6947786	Redberrystr	Bonteheuwel		7764	Redberrystr	Bonteheuwel		7764	BONTEHEU	BELLVILLE	GOODWOC	CITY OF CA	CITY OF CA	19100031	18.557601	-33.9577	N		7	R	455
100000078	DISA PRIM. (HOUT BAY)	English		ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2		0	NQ3	21	2000790	PO Box 269	HOUT BAY		7806	Cr Tambo R	Imizamo Ye	HOUT BAY	7806	HOUT BAY	HOUT BAY	WYNBERG	CITY OF CA	CITY OF CA	19100074	18.361272	-34.02757	N		2	R	258
138347043	DORINGBAAI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2151605	Posbus 26	Doringbaai		8151	Kerkstraat	Doringbaai			DORINGBA	DORINGBA	VREDENDA	WEST COA	MATZIKAM	10101002	18.237529	-31.81896	Y		7	R	157
105310212	DOUGLAS ROAD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	6	NQ5	21	7979533	63 Douglas	Wynberg		7800	63 Douglas	Wynberg			WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.47921	-34.01442	Y		7	R	270
105480274	DOWNEVILLE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_Central	4	NQ4	21	6910349	Tagusweg	MANENBERG		7764	Tagusweg	MANENBERG		7764	MANENBEI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100042	18.550445	-33.9935	N		7	R	785
111320633	DR. G.J. JOUBERT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	7	NQ4	21	8537422	Posbus 391	STRAND		7140	Mydrechtstr	Rusthof	STRAND	7140	STRAND	STRAND	STRAND	CITY OF CA	CITY OF CA	19100086	18.842694	-34.1257	Y		7	R	1,192
106042317	DR. NELSON R. MANDELA HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_South	4	NQ2	21	3861150	P O Box 13	PHILLIPI		7781	Cnr Lansdo	CROSSRO	CNR Ieslebern Road		OLD CROS	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100036	18.595025	-33.99845	Y	1346604	12	8	1,290
101322024	DR. VAN DER ROSS PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ4	21	9522459	Posbus 100	Belhar		7507	Koebergste	Uitbreiding	BELHAR	7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100012	18.638022	-33.94829	Y	1013220	7	R	1,166
108309236	DRAKENSTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8724975	Uysstraat	Denneburg	PAARL	7646	Uysstraat	Denneburg	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203022	18.981567	-33.73271	Y		7	P	256
126337099	DRIEFONTEIN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3133591	Posbus 619	CERES		6835	Driefontein	PRINCE ALFRED HAML		6840	PRINCE AL	PRINCE AL	CERES	CAPE WINI	WITZENBE	10202012	19.413954	-33.17395	Y		6	R	73
130303201	DROSTDY HTS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	5	Overberg	5	NQ5	23	3422320	Privaatsak X	Worcester		6849	Somersetst	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205015	19.433944	-33.6494	Y	1318815	12	8	824
129338818	DROSTDY SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ2	23	2300641	Posbus 131	Tulbagh		6820	Kaaldraai-P	Tulbagh		6820	TULBAGH	TULBAGH	TULBAGH	CAPE WINI	WITZENBE	10202011	19.142671	-33.23508	Y		7	1	93
103310301	DRYDEN STREET PRIM	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4481433	P O Box 13	Mowbray		7705	Dryden Stre	Salt River			SALT RIVEI	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.462497	-33.93254	N		7	R	596
103007995	DU NOON PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ3	21	5568836	P O Box 17	Milnerton		7435	48 Siyaban	Du Noon	TABLE VIEW		DU NOON	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100104	18.540507	-33.82143	N		7	R	1,278
106490113	DUNESIDE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	2	NQ5	21	3921819	Angus Way	Westridge	MITCHELL'S	7798	Angus Way	Westridge	MITCHELLS PLAIN		WESTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.608046	-34.05364	Y		7	R	481
101310227	DURBANVILLE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_North	2	NQ5	21	9763188	Posbus 417	Durbanville		7551	Langenhove	Durbanville			DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100021	18.643223	-33.83078	Y	1342213	12	8	851
101309237	DURBANVILLE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	2	NQ5	21	9768115	Weyerslaan	DURBANVILLE		7550	Weyerslaan	DURBANVILLE		7550	DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100021	18.647986	-33.83594	Y		7	4	949
101308202	DURBANVILLE VOORB.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	2	NQ5	21	9751125	Posbus 43	Durbanville		7551	Luckhoffstra	Durbanville			DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100021	18.65382	-33.83863	Y		3	P	903
136476307	DWARSRIVIER SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4822887	Posbus 84	Clanwilliam		8135	Dwarsrivier	Cedarberg			CLANWILLI	CLANWILLI	CLANWILLI	WEST COA	CEDERBEF	10102006	18.98955	-32.22079	Y		7	1	16
124350338	DYSSELSDORP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2516320	Posbus 1	DYSSELSD	DYSSELSD	6628	Dysselsweg	DYSSELSDORP		6628	DYSSELSD	DYSSELSD	OUDTSHOO	EDEN	OUDTSHOO	10405010	22.431528	-33.57555	Y		7	R	795
124353418	DYSSELSDORP SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2516323	Posbus 25	Dysselsdorp		6628	Deelmanstr	Dysselsdorp		6628	DYSSELSD	DYSSELSD	OUDTSHOO	EDEN	OUDTSHOO	10405009	22.42586	-33.57675	Y	1353308	12	8	1,038
105480622	E. A. JANARI PRIM	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6945361	Posbus 38	Bonteheuwel		7763	Avocadostra	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOC	CITY OF CA	CITY OF CA	19100050	18.546518	-33.94339	N		7	P	639
134477400	E.J. MALGARTE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	3	Westcoast/Winelands	7	NQ2	22	7421720	Posbus 81	Stompneusbaai		7382	Vikingsinge	Stompneusbaai			STOMPNEU	STOMPNEU	VREDENBU	WEST COA	SALDANHA	10104011	17.976337	-32.72795	Y		6	R	155
105480282	EASTER PEAK PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6375710	Vensterstra	MANENBERG		7764	Vensterstra	MANENBERG		7764	MANENBEI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100046	18.552006	-33.97401	Y		7	R	543
106490032	EASTVILLE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	4	NQ5	21	3928131	C/O Katdori	Eastridge	MITCHELL'S	7785	C/O Katdori	Eastridge	CAPE TOWN		EASTRIDGI	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.625575	-34.05495	Y		7	R	1,155
101310229	EBEN DONGES HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ5	21	9887430	Posbus 93	Kraaifontein		7569	Van Der Byl	Kraaifontein			BELMONT I	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100111	18.728585	-33.84568	Y	1344408	12	8	794

108470104	EBENEZER PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ3	21	8620710	Klein Drake	Huguenot	PAARL	7646	Klein Drake	Huguenot	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203022	18.986679	-33.73057	Y		7	R	742
138340219	EBENHAESER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2171611	Posbus 123	Lutzville		8165	Skoolstraat	Nuwestasie	EBENHAES	8149	VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAM	10101002	18.23956	-31.58304	Y	5570	9	R	535
134470112	EDEN PRIM.	Par: Afr/Xhosa	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7131409	Posbus 279	Vredenburg		7380	Kannastraa	Louwville	VREDENBURG		LOUWVILL	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104013	18.009584	-32.91275	Y		8	R	1,353
105480290	EDENDALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_Central	4	NQ4	21	6910133	H/V Manenl	Phillippisirk	MANENBEI	7764	H/V Manenl	Phillippisirk	MANENBEI	7764	MANENBEI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100045	18.552799	-33.9844	N		7	R	432
102310230	EDGEMEAD HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	3	NQ5	21	5581132	Letchworth	Edgemead		7441	Letchworth	Edgemead			EDGEMEAI	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100005	18.552306	-33.87163	Y	1342214	12	8	1,158
102309238	EDGEMEAD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	3	NQ5	21	5581007	Denison Wa	EDGEMEAD		7441	Denison Wa	EDGEMEAD		7441	EDGEMEAI	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100005	18.549412	-33.86703	Y		7	1	1,244
102480304	EDWARD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	6	NQ4	21	9312309	Owenweg	Clarke Esta	ELSIESRIV	7490	Owenweg	Clarke Esta	ELSIESRIV	7490	MATROOSI	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100028	18.582449	-33.93696	Y		7	R	491
133476323	EENDEKUIL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	9421760	Posbus 58	Eendekuil		7335	Kloofstraat	Eendekuil		7335	EENDEKUI	EENDEKUI	PIKETBER	WEST COA	BERGRIVIE	10103003	18.882457	-32.68864	Y		7	R	318
107323861	EERSTERIVIER SEK.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	3	NQ5	21	9045270	Posbus 110	Eersterivier		7100	Beverleystra	High Places	EERSTERI	7100	EERSTERI	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100016	18.731396	-34.01885	N	1334409	12	8	1,348
101321524	EIKENDAL PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	2	NQ5	21	9886884		270 8th Ave	KRAAIFON	7570	270 8th Ave	Kraaifontein			EIKENDAL	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.716283	-33.8571	Y		7	1	1,025
109309240	EIKESTAD LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ5	21	8874610	Doornbosch	STELLENBOSCH		7600	Doornbosch	STELLENBOSCH		7600	STELLENB	STELLENB	STELLENB	CAPE WINI	STELLENB	10204022	18.854861	-33.94517	Y		7	R	804
128337641	EILANDIA NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6262589	Posbus 163	Worcester		6849	Arbeidsgen	Eilandia	ROBERTSON		ROBERTS	ROBERTS	WORCEST	CAPE WINI	LANGEBER	10206006	19.671499	-33.77408	N		6	1	64
107322296	EINDHOVEN PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9551171	Posbus 312	Eindhoven	DELFT	7100	Eindhovens	Eindhoven	DELFT	7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100020	18.647801	-33.9835	Y		7	R	1,154
106490121	EISLEBEN ROAD PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	5	NQ4	21	3929362	Gold Street	Rocklands	MITCHELL'S	7798	15 Gold Str	Rocklands	MITCHELLS	7798	ROCKLANI	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100081	18.614021	-34.06284	Y		7	R	914
107322423	EKUTHULENI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_East	2	NQ1	21	9889678	P. O. Box 3	Kraaifontein		7570	20357 Heze	Bloekombos		7570	KRAAIFON	KRAAIFON	KUILSRIVIE	CITY OF CA	CITY OF CA	19100101	18.750079	-33.83894	N		7	R	1,309
136476358	ELANDSFONTEIN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4822998	Posbus 375	Clanwilliam		8135	Elandsfonte	Clanwilliam			CLANWILLI	CLANWILLI	CLANWILLI	WEST COA	CEDERBEF	10102003	18.819615	-32.30411	Y		6	R	89
114336351	ELANDSRIVIER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ1	28	8402268	Po Box 209	Villiersdorp		6848	Kaaimansg	Villiersdorp		6848	VILLIERSD	VILLIERSD	CALEDON	OVERBER	THEEWATE	10301005	19.281755	-33.91882	Y		7	R	244
102480347	ELDENE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	4	NQ4	21	9323895	Derby-Einde	Elsiesrivier		7490	Derby-Einde	Elsiesrivier			AVONWOC	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100026	18.566673	-33.91965	Y		3	P	364
113336181	ELIM MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	1	Overberg	10	NQ3	28	4821716	Posbus 14	Elim		7284	Skoolstraat	Elim			ELIM	ELIM	BREDASDO	OVERBER	CAPE AGU	10303001	19.757829	-34.59388	Y	8919	9	R	261
136476331	ELIZABETHFONTEIN MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4822713	Posbus 223	Clanwilliam		8135	Elizabethfor	Clanwilliam		8135	CLANWILLI	CLANWILLI	CLANWILLI	WEST COA	CEDERBEF	10102006	19.056282	-32.05227	Y		7	R	240
103309241	ELLERTON PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4342441	P O Box 27	Rhine Road		8050	229 Main R	Three Anchor Bay			THREE AN	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100054	18.397958	-33.90849	Y		7	R	399
102480312	ELNOR PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	4	NQ4	21	9324910	Agste Straa	ELSIESRIVIER		7490	Agste Straa	ELSIESRIVIER		7490	ELSIES RIV	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100028	18.575518	-33.93287	Y		7	P	399
102480339	ELSBURY PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	6	Met_North	4	NQ4	21	9313562	P.O. Box 16	Matroosfontein		7490	Elsburyweg	Matroosfontein			MATROOSI	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100030	18.573563	-33.93883	Y		8	4	491
102483419	ELSIESRIVIER SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	6	NQ4	21	9325085	Haltweg	Elsiesrivier		7490	Haltweg	Elsiesrivier		7490	NORWOOI	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100028	18.570112	-33.92383	Y	1342215	12	8	1,505
102480355	ELSWOOD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	6	NQ4	21	9326510	26ste Straa	Leonsdale	ELSIESRIV	7490	26ste Straa	Leonsdale	ELSIESRIVIER		LEONSDAL	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100026	18.578198	-33.91776	Y		7	P	596
102483427	ELSWOOD SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	6	NQ4	21	9326012	Posbus 79	Elsiesrivier		7480	Eppinglaan	Elsiesrivier			LEONSDAL	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100026	18.577465	-33.91579	N	1342216	12	8	584
106041217	ELUXOLWENI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	5	NQ2	21	3614088	P O Box 34	KHAYELITSHA		7784	C/O Monge	KHAYELITSHA		7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.669716	-34.03015	N		7	R	901
114333328	EMIL WEDER SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	10	NQ3	28	2518119	Posbus 6	GENADENDAL		7234	Skoolstraat	GENADENDAL		7234	GENADENI	GENADENI	CALEDON	OVERBER	THEEWATE	10301002	19.560081	-34.03274	Y	1388817	12	8	616
106322385	ENCOTSHENI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	3	NQ2	21	3873272	P O Box 40	Elonwabeni		7791	A 45 Primro	Primrose St	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100018	18.637605	-34.00645	N		7	R	981
133477702	ENGELBRECHT NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	22	9721621	Posbus 12	ELANDSBAAI		8110	1 Seabreez	ELANDSBAAI		8110	ELANDSBA	ELANDSBA	PIKETBER	WEST COA	CEDERBEF	10102004	18.346645	-32.31201	Y		7	R	242
107322377	ENKULULEKWENI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_East	2	NQ2	21	9873962	P O Box 46	Kraaifontein		7570	Matshoba S	Wallaceden	KRAAIFONTEIN		WALLACEI	KRAAIFON	KUILSRIVIE	CITY OF CA	CITY OF CA	19100006	18.73502	-33.85647	N		7	R	1,372
106005107	ENTSHONA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	4	Met_South	7	NQ2	21	3715543	P O Box 32	Mitchell'S Plain		7785	673 Sagolo	Phillipi		7785	PHILLIPI	MITCHELL'	WYNBERG	CITY OF CA	CITY OF CA	19100034	18.591516	-34.00342	N		7	R	850
101321389	ERICA PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	1	NQ5	21	9525814	Homeria Road Belhar			7493	Homeria Ro	Belhar		7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.616486	-33.9417	Y		7	R	865
120350532	ERIKA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ4	44	6930020	Posbus 850	Da Gamask	MOSSELBA	6501	Grunterstra	Uitbreiding	MOSSELBAAI		MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403013	22.101641	-34.17834	Y		7	P	835
129338745	ERRIE MOLLER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ1	23	2310812	Posbus 76	Wolseley		6830	Waverley	Wolseley		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WINI	WITZENBE	10202007	19.226212	-33.41686	N		5	1	82
102323934	ESANGWENI SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	4	NQ2	21	3631368	P.O. Box 22	Lingelethu \	KHAYELITS	7765	Ntenetya Ro	Kuyasa	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100098	18.685001	-34.05883	N	1334410	12	8	1,079
136476366	ESELBANK MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4923830	Eselbank	WUPPERTHAL		8138	Eselbank	WUPPERTHAL		8138	WUPPERTI	WUPPERT.	CLANWILLI	WEST COA	CEDERBEF	10102006	19.215203	-32.34737	Y		6	1	14
130330043	ESSELENPARK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	4	NQ3	23	3470240	Posbus 123	Worcester		6849	Van Huysst	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205009	19.461005	-33.65019	Y		7	R	1,178
130333344	ESSELENPARK SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	4	NQ4	23	3470174	Posbus 308	Worcester		6849	Buitenkants	Esselenparl	WORCESTER		WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205011	19.455085	-33.65556	Y	1318818	12	8	1,559
102320560	EURECON PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	6	NQ4	21	9312902	Posbus 118	Matroosfontein		7489	Connaughtv	Elsiesrivier			CONNAUGI	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100025	18.591551	-33.93068	Y		7	R	521
102480363	EUREKA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	4	NQ4	21	9312410	Eurekastraa	Eurekaland	ELSIESRIV	7490	Eurekastraa	Eureka-Lan	ELSIESRIV	7490	EUREKA	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100025	18.591623	-33.93757	Y		7	R	785
101309242	EVERSDAL PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	2	NQ5	21	9768134	Privaatsak X	Durbanville		7550	Stepping St	Eversdal		7550	EVERSDAL	DURBANVI	BELLVILLE	CITY OF CA	CITY OF CA	19100021	18.651786	-33.8618	Y		7	1	1,164
101309243	EXCELSIOR PRIM. (BELLVILLE)	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_North	1	NQ5	21	9484797	P O Box 45	Sanlamhof	BELLVILLE	7532	Van Dyckst	De La Haye	BELLVILLE	7530	THALMAN/I	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.649694	-33.90045	Y		7	R	802
101323616	EXCELSIOR SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	1	NQ4	21	9525815	Portulacasi	BELHAR		7490	Portulacasi	BELHAR		7490	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.620769	-33.94536	Y	1342217	12	8	1,278
122356018	EXCELSIOR VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ3	44	2133524	Posbus 2	CALITZDORP		6660	Voortrekker	Bergsig	CALITZDOF	6660	CALITZDOF	CALITZDOF	CALITZDOF	EDEN	KANNALAN	10401002	21.677643	-33.52484	Y	3393	9	R	516
126336858	EZELFONTEIN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3123058	Posbus 221	Ceres		6835	Ezelfontein	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202005	19.420061	-33.39989	Y		6	R	108
118356468	EZELJACHT VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	8881812	Posbus 85	Herold		6615	Ezeljacht	Dist. George	EZELJACHT PLASE		GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404025	22.573187	-33.80724	Y		7	1	35
126309244	F.D. CONRADIE LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ4	23	3133407	Posbus 31	PRINCE ALFRED HAML		6840	Kerkstraat 2	PRINCE ALFRED HAML		6840	PRINCE AL	PRINCE AL	CERES	CAPE WINI	WITZENBE	10202004	19.330463	-33.29304	Y		7	P	315
130330361	F.J. CONRADIE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	3	NQ2	23	3562562	Posbus 266	DE DOORNS		6875	Glenco Roa	DE DOORNS		6875	DE DOORN	DE DOORN	WORCEST	CAPE WINI	BREEDE V.	10205004	19.667476	-33.48231	Y		7	R	1,221
103322113	FACTRETON PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5931431	16th Avenue	Factreton	MAITLAND-	7405	35 16th Ave	Factreton	MAITLAND-	7405	FACTRETO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.51817	-33.91373	N		7	R	563
102310231	FAIRBAIRN COLLEGE	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	6	NQ5	21	5917117	Hugo Street	Goodwood		7460	Hugo Street	Goodwood			RICHMONI	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100027	18.563252	-33.89848	Y	1342218	12	8	945
126336823	FAIRFIELD NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3155920	Posbus 167	Ceres		6835	Fairfield Pla	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202003	19.281572	-33.32157	Y		6	1	25
101310232	FAIRMONT HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_North	2	NQ5	21	9761147	Private Bag	Durbanville		7551	Medway	Durbell	DURBANVI	7551	DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100021	18.641069	-33.85298	Y	1342219	12	8	1,298
105313769	FAIRMOUNT SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	3	NQ5	21	7051826	Maroon Roa	Grassy Park		7941	Maroon Roa	Grassy Park		7941	PARKWOO	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100110	18.498812	-34.0365	Y	1369913	12	8	1,013
105311243	FAIRVIEW PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ5	21	7052182	First Avenue	GRASSY PARK		7941	First Avenue	GRASSY PARK		7941	PARKWOO	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100110	18.503042	-34.03892	N		7	R	970
106325651	FAKU PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	5	Met_South	3	NQ3	21	3 885 550	P. O. Box 3	Mitchell'S Plain		7789	Ngqwangi D	Phillipi East		7651	PHILLIPI	MITCHELL'	WYNBERG	CITY OF CA	CITY OF CA	19100035	18.619024	-34.01091	N		7	R	1,036
101309245	FANIE THERON PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	2	NQ5	21	9887490	Posbus 51	Cape Gate		7562	Bosmanstra	Kraaifontein			PEERLESS	KRAAIFON	KUILSRIVIE	CITY OF CA	CITY OF CA	19100102	18.720027	-33.83817	Y		7	R	1,119
105309246	FERNDALE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ5	21	7031200	Ottery Road	Ottery		7800	Ottery Road	Ottery		7800	OTTERY	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100066	18.51433	-34.02001	Y		7	R	661
106042201	FEZEKA SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_South	6	NQ3	21	6380944	P. O Box 13	GUGULETHU		7750	ny2 Fezeka	GUGULETHU		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100041	18.569213	-33.9847	N	1326605	12	8	1,327
124041301	FEZEKILE SEC	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ1	44	2740379	P.O. Box 58	Oudtshoorn		6620	Dassie Roa	Bongolethu	OUDTSHOORN		BONGOLET	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405008	22.23533	-33.60517	Y	1353309	12	8	434
110322016	FIRGROVE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	8	NQ5	21	8423635	Posbus 28	Firgrove		7110	Sewendestr	Firgrove			MACASSAI	SOMERSE	SOMERSE	CITY OF CA	CITY OF CA	19100015	18.783441	-34.05811	Y		7	R	831
100000122	FISANTEKRAAL HS	Par: Afr/Eng		ORDINARY	PUBLIC	Secondary School	METRO NORTH	2		0	NQ1			C/O Dulla C	Litchenberg	DURBANVI	7550	C/O Dulla C	Litchenberg	DURBANVI	7550	DURBANVI	DURBANVI	BELLVILLE	CITY OF CA	CITY OF CA	19100105	18.721786	-33.77955	N		10	8	539
104314201	FISH HOEK HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	2	NQ5	21	782-1107	13th Avenue	Fish Hoek		7975	13th Avenue	Fish Hoek		7975	FISH HOEK	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100064	18.419	-34.13407	Y	1369914	12	8	1,025
104309247	FISH HOEK PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	2	NQ5	21	7826113	Upper Recr	Fish Hoek		7975	Upper Recr	Fish Hoek			FISH HOEK	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100064	18.421963	-34.13034	Y		7	R	804
105310735	FLOREAT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	1	NQ5	21	7012303	Lute Lane	Steenberg		7945	Lute Lane	Steenberg		7945	STEENBER	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100068	18.47581	-34.06839	Y		7	R	681
101323373	FLORIDA SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	5	NQ4	21	9318922	Stroebelstra	Ravensmead		7493	Stroebelstra	Ravensmea	STROEBEL	7493	RAVENSMI	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.605807	-33.92558	Y	1342220	12	8	916
107323853	FOREST HEIGHTS HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	1	NQ5	21	9045802	Posbus 271	Eersterivier		7103	Bloekomlaa	Forest Heig	EERSTERIVIER		FOREST VI	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.708305	-34.0023	N	1334412	12	8	1,207
107322083	FOREST HEIGHTS PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	3	NQ5	21	9041644	Posbus 286	EERSTERIVIER		7100	Albertastraa	Forest Heig	EERSTERI	7100	FOREST VI	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.708855	-34.00557	N		7	R	1,071
119350079	FORMOSA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ3	44	5331621	P.O. Box 3	PLETTENBERG BAY		6600	Geelhoutstr	New Horizo	PLETTENBI	6660	PLETTENBI	PLETTENBI	KNYSNA	EDEN	BITOU	10407004	23.342178	-34.05067	Y		7	R	1,172
119350036	FRAAISIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ4	44	3850395	Posbus 150	Hornlee		6583	Gladstones	Hornlee	KNYSNA	6570	HORNLEE	KNYSNA	KNYSNA	EDEN	KNYSNA	10408008	23.088088	-34.04656	Y		7	R	963
118356476	FRANKEN VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	8881684	Posbus 33	HEROLD		6615	Langs Pad	HEROLD		6615	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404022	22.445087	-33.8419	Y	3373	9	R	233
108312212	FRANSCHHOEK HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	1	Westcoast/Winelands	2	NQ4	21	8762079	Po Box 43	Franschhoek		7690	Akademie S	Franschhoek			FRANSCH	FRANSCH	PAARL	CAPE WINI	STELLENB	10204001	19.121708	-33.90975	Y	1317707	12	P	396
127337412	FRANSIE DU TOIT NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6142005	Posbus 15	Montagu		6720	Scheepersr	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBER	10206007	20.397658	-33.90458	Y		6	P	47
120350060	FRIEMERSHEIM PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ1	44	6966883	Posbus 817	Groot Brakrivier		6525	Skoolstraat	Friemersheim		6526	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403014	22.144507	-33.9564	Y		7	R	171
127337544	G.B. BATT NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6142093	Posbus 222	Montagu		6720	Laatsrivier	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBER	10206012	19.793215	-33.647	Y		6	R	53
122356026	GAMKA-OOS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2133138	Posbus 135	Calitzdorp		6660	Gamka-Oos	Calitzdorp		6660	CALITZDOF	CALITZDOF	CALITZDOF	EDEN	KANNALAN	10401004	21.707643	-33.57352	Y	8915	9	R	339
115007999	GANSBAAI ACADEMIA	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	2	Overberg	0	NQ3	28	3842370	P.O. Box 72	Gansbaai		7220	Kampeerwe	Blompark	GANSBAAI	7220	GANSBAAI	GANSBAAI	HERMANU	OVERBER	OVERSTRA	10302002	19.351894	-34.59498	Y		12	8	684
115309249	GANSBAAI LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ5	28	3840000	Posbus 27	GANSBAAI		7220	Kerkstraat 2	GANSBAAI		7220	GANSBAAI	GANSBAAI	HERMANU	OVERBER	OVERSTRA	10302002	19.350239	-34.58174	Y	8926	7	R	334
115330493	GANSBAAI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ2	28	3840061	Posbus 115	GANSBAAI		7220	Ridderspoo	Blompark	GANSBAAI	7220	GANSBAAI	GANSBAAI	HERMANU	OVERBER	OVERSTRA	10302002	19.348637	-34.59724	Y	8911	7	R	562
120358517	GARDEN ROUTE PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ1	44	6939092	P.O. Bos 81	Da Gamask	MOSSEL B.	6501	4465 Adriaa	Asla Park	MOSSEL B.	6506	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403011	22.072913	-34.17999	Y		7	R	1,040
103316563	GARDEN VILLAGE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5112632	Discoveryla	Garden Villa	MAITLAND	7405	Discoveryla	Garden Villa	MAITLAND	7405	MAITLAND	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100053	18.485424	-33.93419	N		7	R	439
101321508	GARDENIA PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	1	NQ4	21	9525817	Posbus 100	Belhar		7535	Chestnutwe	Belhar			BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.620434	-33.94985	Y		7	R	840
103307200	GARDENS COMMERCIAL HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4651236	Paddock Av	Gardens	CAPE TOW	8001	Paddock Av	Gardens	CAPE TOW	8000	GARDENS	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100077	18.416086	-33.93029	Y	1321124	12	8	555
105480371	GARLANDALE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6968327	General Str	Athlone		7764	5 General S	Athlone			ATHLONE	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.497127	-33.96323	Y		7	R	457
105483435	GARLANDALE SEK.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6967908	General Str	Athlone		7764	General Str	Athlone			ATHLONE	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.49665	-33.96211	Y	1321125	12	8	823
118356298	GEELHOUTBOOM VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	3	NQ1	44	8810036	Posbus 703	Blanco		6531	Pk Molendri	Dist. Blanco	GEORGE		BLANCO	BLANCO	GEORGE	EDEN	GEORGE	10404022	22.347988	-33.95707	Y		7	1	118
117338435	GELUKSHOOP NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6163262	Posbus 324	Bonnievale		6730	Na-Die-Oes	Bonnievale		6730	BONNIEVA	BONNIEVA	SWELLENI	CAPE WINI	LANGEBER	10206008	20.128	-33.96722	Y		6	R	125
101309250	GENE LOUW PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	2	NQ5	21	9768144	Privaatsak X	Durbanville		7551	Tulipstraat	Amanda Gle	DURBANVILLE		DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100103	18.658725	-33.85412	Y		7	1	1,572
139360244	GEORGE FREDERICKS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ1	23	5014024	Posbus 101	Merweville		6940	Ds Pienaars	Merweville		6940	MERWEVIL	MERWEVIL	BEAUFORT	CENTRAL K	BEAUFORT	10503007	21.508169	-32.66979	Y	3407	9	R	301
118353310	GEORGE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ3	44	8711194	Posbus 406	George-Oos	GEORGE	6539	Missionstra	Rosemoor	GEORGE	6539	ROSEMOO	GEORGE	GEORGE	EDEN	GEORGE	10404005	22.4765	-33.9675	Y	1353311	12	8	1,655
118108207	GEORGE VOORB.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ5	44	8732885	Posbus 638	George		6530	H/V Courter	George		6530	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404019	22.463969	-33.95817	Y		3	R	620
118109247	GEORGE-SUID LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	3	NQ5	44	8733464	Posbus 406	George		6530	Laingstraat	George		6530	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404019	22.45533	-33.96767	Y		7	P	1,106
126309251	GERICKE LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ5	23	3121110	Owenstraat	Ceres		6835	Owenstraat	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202003	19.30422	-33.37038	Y		7	R	515
121353337	GERRIT DU PLESSIS SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ3	28	7132555	Posbus 84	Riversdal		6670	Panorama-I	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402008	21.257257	-34.10056	Y	1353312	12	8	980
108310233	GIMNASIUM HS. (PAARL)	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ5	21	8721541	Posbus 281	Paarl		7620	Hoofstraat 4	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203015	18.958559	-33.72026	Y	1317708	12	8	1,102
108309252	GIMNASIUM PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ5	21	8724505	Hoofstraat	Paarl		7646	Hoofstraat	Paarl			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203004	18.962129	-33.73286	Y		7	P	639
114336653	GLEN ELGIN MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	7	NQ2	21	8593323	Posbus 100	ELGIN		7180	Trio Way	Molteno Tru	ELGIN	7180	CALEDON	CALEDON	CALEDON	OVERBER	THEEWATE	10301009	19.042631	-34.14776	Y		7	R	221
130337978	GLEN HEATLIE AME PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3412653	Posbus 50	De Wet		6853	Tweefontein	De Wet		6853	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205005	19.51513	-33.60197	N		7	R	246
106493430	GLENDALE SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	5	NQ4	21	3927161	C/O Carave	Rocklands	MITCHELL'S	7785	C/O Carave	Rocklands	MITCHELLS	7798	ROCKLANI	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100081	18.609021	-34.06885	Y	1366606	12	8	1,219
132476404	GOEDEHOOP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4871571	Posbus 176	Malmesbury		7299	Middelpos	Malmesbury			MALMESBI	MALMESBI	MALMESBI	WEST COA	SWARTLAN	10105004	18.578585	-33.34371	Y		7	R	117
121357588	GOEDGEGUN VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7131939	Durbanstraa	Riversdal		6670	Wegwysers	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402006	21.339918	-34.05321	Y		6	1	40

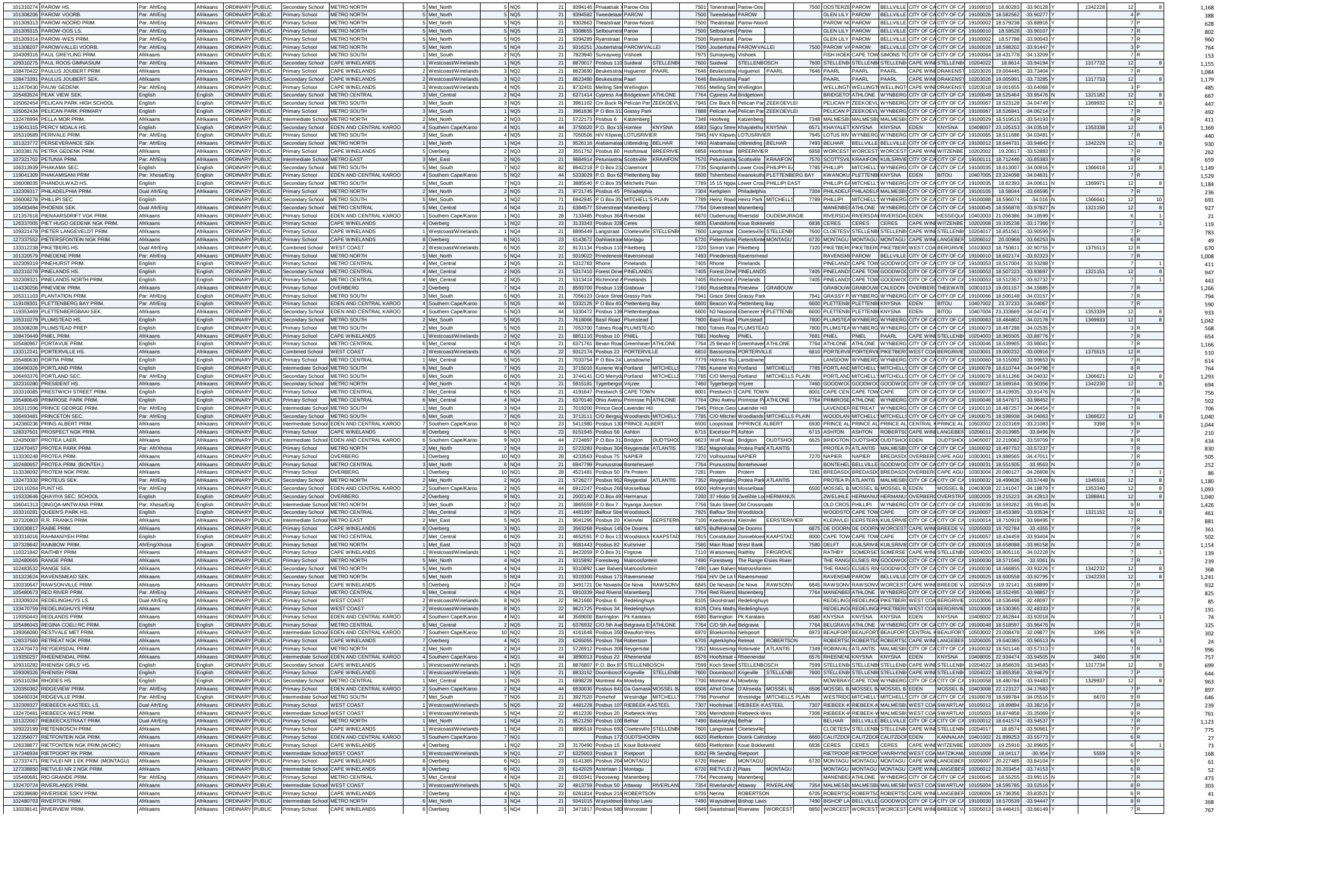


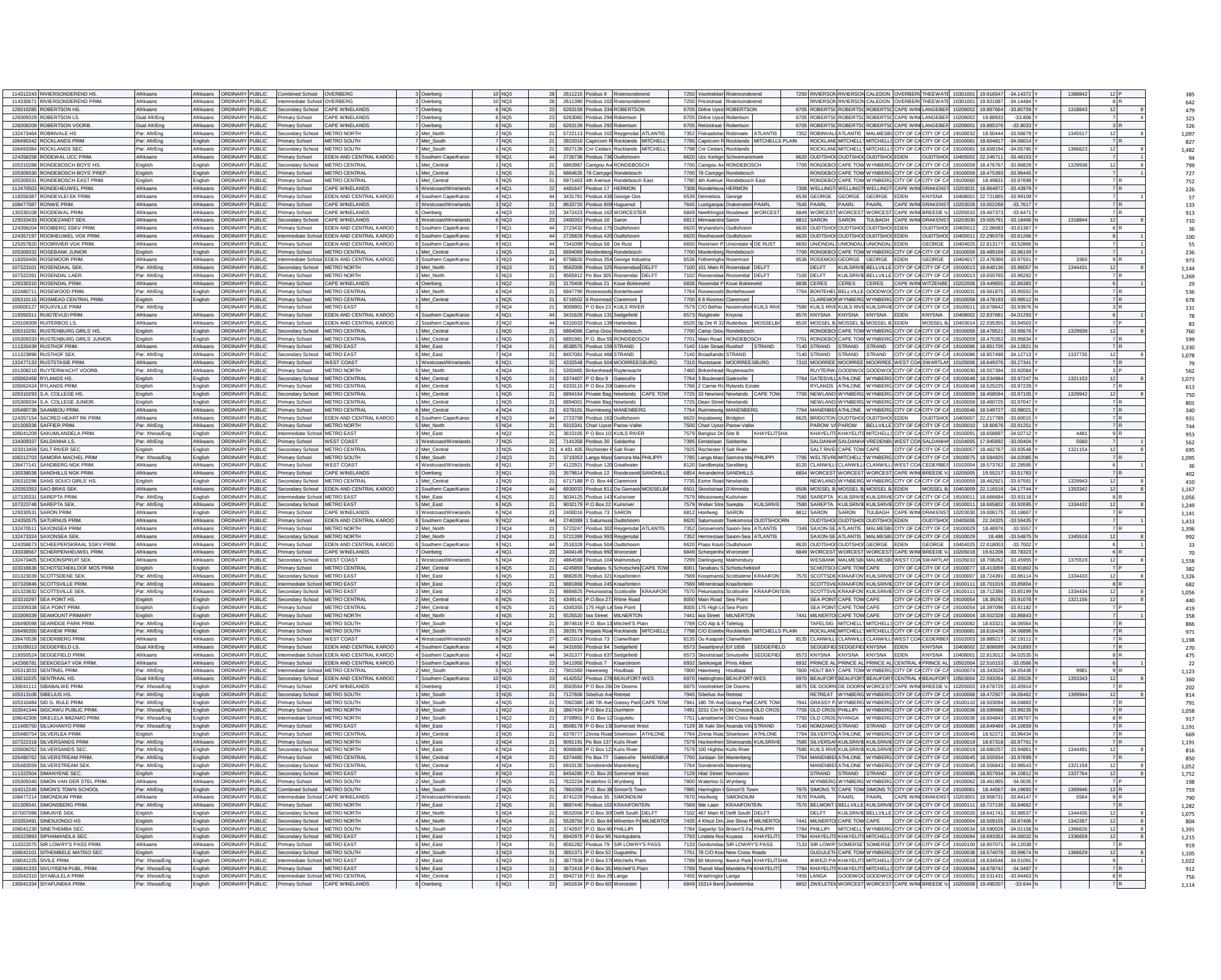
110310242	HOTTENTOTS-HOLLAND HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	8	NQ5	21	8521405	Posbus 358	Somerset-Wes		7129	Eilandweg	Somerset-Wes			SOMERSET	SOMERSET	STRAND	CITY OF CA	CITY OF CA	19100084	18.845407	-34.09269	Y	1337714	12	8	1,209
105313904	HOUTBAAI SEK.	English	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_South	1	NQ3	21	7904951	Marlin Cres	HOUT BAY		7806	Marlin Cres	HOUT BAY		7806	HOUT BAY	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100074	18.343034	-34.05308	Y	1329922	12	8	639
112310243	HUGENOTE HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ5	21	8732111	Privaatsak X	Wellington		7655	Blouvleiweg	Wellington			WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203029	19.010326	-33.64807	Y	1317715	12	8	841
112309264	HUGENOTE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ5	21	8731362	Genl. Hertz	Wellington		7655	Genl. Hertz	Wellington		7655	WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203002	19.013913	-33.64671	Y		7	R	562
112309265	HUGO RUST LAERSKOOL	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ5	21	8731598	Posbus 655	WELLINGTON		7654	Jan Van Rie	WELLINGTON		7655	WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203018	19.003665	-33.63667	Y		7	1	512
128337617	HUGUENOOT VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6 261 601	P.O.Box 119	Robertson		6705	Goree	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBER	10206006	19.781668	-33.81069	Y		7	R	181
106490180	HUGUENOT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	6	NQ4	21	3976003	P.O. Box 15	Mitchell'S Plain		7789	C/O A Z Be	Tafelsig	MITCHELLS PLAIN		TAFELSIG	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100082	18.641505	-34.06476	N		7	R	1,050
106490199	HYACINTH PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	3	NQ5	21	3761125	Hyacinth St	Lentegeur	MITCHELL'	7785	Hyacinth St	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.614183	-34.03312	Y		7	R	1,284
105311111	HYDE PARK PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ4	21	7057938	Hyde Road	Parkwood E	SOUTHFIEL	7941	Hyde Road	Parkwood E	SOUTHFIEL	7941	MONTAGU'	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.493385	-34.02643	Y		7	R	1,010
106042301	I. D. MKIZE SEN SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_South	6	NQ3	21	6336459	P.O. Box 56	Gatesville		7766	N Y 50	Gugulethu		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100041	18.567748	-33.99114	Y	1326607	12	8	1,229
109320293	IDASVALLEI PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ4	21	8864795	Posbus 612	Uniedal	STELLENB	7612	Bloekomlaa	IDASVALLEI		7612	IDASVALLE	STELLENB	STELLENB	CAPE WINI	STELLENB	10204006	18.883051	-33.91919	Y		7	R	859
130007282	IHLUMELO JUN SEK	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	2	NQ1	21	8682930	P.O.Box 80	Mbekweni		7655	Zingisani	Mbekweni			MBEKWEN	PAARL	PAARL	CAPE WINI	DRAKENST	10203016	18.986792	-33.68061	Y	7746	12	8	1,510
126041327	IINGCINGA ZETHU SEC	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3122337	P O Box 15	Ceres		6835	Bokoloshe A	Nduli		6835	NDULI	CERES	CERES	CAPE WINI	WITZENBE	10202012	19.342199	-33.35432	N	1318829	12	8	765
102041321	IKAMVALETHU SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	2	NQ3	21	6949933	P.O. Box 10	Thornton		7485	Zone 27 Off	Temba Nqo	LANGA	7455	LANGA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100051	18.54019	-33.94355	N	1321133	12	10	692
109322342	IKAYA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8896413	P.O. Box 21	Dennesig	STELLENB	7600	Mjandana S	Kaya Mandi	STELLENB	7600	KAYA MAN	STELLENB	STELLENB	CAPE WINI	STELLENB	10204012	18.849394	-33.92136	N		7	R	1,411
106041221	IKHUSI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	4	NQ2	21	3613290	P O Box 39	Khayelitsha		7784	Ntandazo D	U Section, S	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100090	18.655611	-34.02424	Y		7	R	1,050
106041215	IKHWEZI IeSIZWE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	4	NQ3	21	3615100	P O Box 15	KHAYELITSHA		7783	E580 Silum	KHAYELITSHA		7783	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100092	18.661246	-34.03895	Y		7	R	660
106042222	IMBASA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	3	Met_South	1	NQ2	21	3851281	P O Box 17	Guguletu		7751	Cnr New Ei	Old Crossroads			OLD CROS	PHILLIPI	WYNBERG	CITY OF CA	CITY OF CA	19100036	18.59241	-33.9968	N	1346654	8	R	683
108041324	IMBONISELO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8682987	P O Box 80	Mbekweni		7626	Thembelihle	Mbekweni			MBEKWEN	PAARL	PAARL	CAPE WINI	DRAKENST	10203012	18.991218	-33.67966	N		7	R	1,232
120041304	IMEKHAYA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ1	44	6931255	P.O.Box 21	Mossel Bay		6500	Cedile Stree	Kwanonqab	MOSSEL B	6502	KWANONQ	MOSSEL B	MOSSEL B	EDEN	MOSSEL B	10403001	22.09433	-34.17216	N		7	R	865
118041302	IMIZAMO YETHU SEC	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	4	NQ1	44	8801122	PO Box 209	GEORGE		6530	Ngcakani R	Thembaleth	GEORGE	6529	THEMBALE	GEORGE	GEORGE	EDEN	GEORGE	10404013	22.488312	-34.00249	Y	1353316	12	8	1,623
105319228	IMMACULATA RK SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	7	NQ5	21	7611930	P O Box 18	Wynberg		7824	Clare Road	Wittebome		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.472583	-34.01396	Y	1369923	12	8	485
106041223	IMPENDULO PUBL. PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	8	NQ2	21	3672681	Po Box 212	Durrheim		7491	C/O Paul &	43 Section	MACASSAR	7785	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100096	18.703664	-34.04334	N	1060412	7	P	1,334
106490504	IMPERIAL PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	7	NQ4	21	3761105	Imperial Ro	Beacon Val	MITCHELLS	7785	Imperial Ro	Beacon Val	MITCHELLS PLAIN		BEACON V	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.627376	-34.04597	Y		7	R	1,866
107322431	IMVUMELWANO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_East	2	NQ3	21	9886137	P. O. Box 3	Kraaifontein	KRAAIFONT	7570	Grootboom	Wallaceden	KRAAIFONT	7570	WALLACEI	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100111	18.731229	-33.8543	N		7	R	1,169
120041227	INDWE SEC	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ1	44	6931955	P.O. Box 11	Heiderand	MOSSEL B	6511	20 Gentswa	Kwanonqab	MOSSEL BAY		KWANONQ	MOSSEL B	MOSSEL B	EDEN	MOSSEL B	10403001	22.097406	-34.16792	Y	1353317	12	8	1,184
106041203	INJONGO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	3	NQ3	21	3614154	P O Box 13	Khayelitsha		7783	C 33 Lenge	Khayelitsha			KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100092	18.655883	-34.03384	N	1060412	7	R	951
103373443	INKWENKWEZI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ3	21	5568710	P O Box 38	Table View		7439	91 Waxberr	Du Noon	KILLARNEY	7441	MILNERTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100104	18.541814	-33.81246	Y	1342249	12	8	1,189
106041318	INTLANGANISO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	4	NQ2	21	N/A	P O Box 40	Elonwabeni		7791	Njongo Stre	Site C	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100018	18.641669	-34.01312	N	1334419	12	8	1,233
106323969	INTSEBENZISWANO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	1	NQ2	21	3726556	P.O. Box 16	Gugulethu		7751	Tywaka Roa	Philippi		7785	PHILLIPI	MITCHELL'	WYNBERG	CITY OF CA	CITY OF CA	19100080	18.580654	-34.00658	N	1366657	12	8	1,298
106041335	INTSHAYELELO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	5	NQ3	21	3610182	P O Box 14	Mitchell'S Plain		7785	107 Sinqola	Ilitha Park	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100092	18.661238	-34.04833	N		7	R	1,250
106042207	INTSHINGA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	6	NQ3	21	6370060	P O Box 22	Guguletu		7751	Ny 138	Gugulethu		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100040	18.568688	-33.97568	N		7	R	354
106042118	INTSHUKUMO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_South	2	NQ3	21	6371803	Private Bag	Guguletu		7751	Ny 50	Gugulethu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100042	18.561672	-33.99298	N	1326609	12	8	1,072
106324086	IQHAYIYA SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	5	NQ3	21	3615563	P O Box 17	Khayelitsha		7784	44 Mateta S	I - Section	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.676585	-34.03265	N	1336665	12	8	1,124
130041116	IRIS QWELA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3548750	P O Box 59	Orchard		6870	Moredou	Po Orchard		6870	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205004	19.625773	-33.4908	Y		7	R	191
107321753	IRISTA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO EAST	5	Met_East	6	NQ4	21	9033987	PO Box 412	Sarepta	KUILSRIVIE	7580	Irisstraat	Sarepta	KUILSRIVIE	7580	SAREPTA	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100011	18.666216	-33.93696	Y		8	R	1,058
120041336	ISALATHISO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ2	44	6932661	P.O.Box 21	Mossel Bay		6500	34 Cnr May	Kwanonqaba		6506	KWANONQ	MOSSEL B	MOSSEL B	EDEN	MOSSEL B	10403001	22.091004	-34.17432	Y		7	R	997
106322350	ISIKHOKELO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	1	NQ2	21	3873255	P O Box 40	Elonwabeni	KHAYELITS	7791	Idada Stree	Site C	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100087	18.652908	-34.01371	N		7	R	1,082
102042104	ISILIMELA SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	5	NQ3	21	6954975	P. O. Box 1	Eppindust		7475	Washington	Langa			LANGA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100052	18.540082	-33.94612	N	1321134	12	8	1,006
106322369	ISIPHIWO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	5	NQ2	21	3615992	P O Box 87	Mitchell'S Plain		7789	Hlula Street	Harare	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100098	18.679256	-34.05722	N		7	R	1,154
107008220	ITSITSA PRIM.	Par: Xhosa/Eng		ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ3	21	9096374	P O Box 49	P O Box 49	EERSTERI	7103	C/O Itsitsa A	Mfuleni		7100	MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100108	18.671711	-33.98947	Y		7	R	1,417
102310245	J.G. MEIRING HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	6	NQ5	21	5913131	Merrimanw	Goodwood		7460	Merrimanw	Goodwood			GOODWOO	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100027	18.549629	-33.90799	Y	1342224	12	8	1,033
109327336	J.J. RHODE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8844518	Posbus 50	Pk Elsenburg		7607	Vaaldraaipa	Elsenburg			STELLENB	STELLENB	STELLENB	CAPE WINI	STELLENB	10204019	18.843053	-33.8476	Y		7	P	243
102480452	J.S. KLOPPER PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	6	NQ4	21	9326075	Posbus 11	Matroosfontein		7490	34ste Laan	Elsiesrivier			BALVENIE	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100028	18.581558	-33.93279	Y		7	R	1,016
106490202	JAMAICAWEG PRIM.	English	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	6	Met_South	7	NQ5	21	3713073	Merrydale R	Portland	MITCHELLS	7785	Merrydale R	Portland	MITCHELLS	7785	PORTLAND	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.614351	-34.04408	Y		8	R	801
103310246	JAN VAN RIEBEECK HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4236347	Kloofstraat	Tuine	KAAPSTAD	8001	Kloofstraat	Tuine	KAAPSTAD	8001	GARDENS	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100077	18.408375	-33.93358	Y	1321136	12	8	538
103309268	JAN VAN RIEBEECK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4234209	Kloofstraat	Kaapstad		8001	Kloofstraat	Kaapstad		8001	TAMBOERS	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100077	18.409666	-33.92953	Y		7	R	382
106041220	JOE SLOVO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	1	NQ2	21	3613352	Private Bag	Khayelitsha		7784	Kusasa Roa	Khayelitsha			KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100092	18.657692	-34.03243	N	1334421	12	8	1,211
139360031	JOHN D CRAWFORD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4142664	Posbus732		BEAUFORT	6970	Schoolstree	Rustdene	BEAUFORT	6970	RUSTDENE	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503003	22.56974	-32.36775	Y		7	R	899
105309269	JOHN GRAHAM PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	5	NQ5	21	7974243	Milford Roa	Plumstead		7800	Milford Roa	Plumstead			PLUMSTEA	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.483459	-34.02292	Y		7	4	544
106042208	JOHN PAMA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	4	Met_South	7	NQ2	21	3863343	P O Box 11	Guguletu		7751	Sithandathu	Nyanga			NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100037	18.582954	-33.99167	Y		7	R	857
102483478	JOHN RAMSAY HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	6	NQ4	21	9346427	Lavisrylaan	Bishop Lavis		7490	Lavisrylaan	Bishop Lavis			BISHOP LA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100024	18.58698	-33.94953	Y	1342225	12	8	632
114309270	JONGENSKLIP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ1	28	2122241	Posbus 367	Caledon		7230	Jongensklip	Caledon	CALEDON		CALEDON	CALEDON	CALEDON	OVERBERG	THEEWATE	10301001	19.65327	-34.26587	Y		7	R	129
108476501	JOOSTENBERG SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ1	21	8844024	Posbus 56	Pk Elsenbu	MULDERSV	7607	Joostenberg	Muldersvlei			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203001	18.80867	-33.81067	Y		7	R	477
134470775	JURIE HAYES PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ2	22	7661568	Posbus 47	Vredenburg		7380	Langeenhei	Vredenburg			VREDENBU	VREDENBU	HOPEFIELD	WEST COA	SALDANHA	10104008	18.097081	-32.94633	Y	5562	9	R	464
107322466	KAIROS PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9542749	P.O. Box 30	Delft		7102	C/O Eland &	Leiden	DELFT		DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100106	18.634685	-33.97113	N		7	R	1,284
116333069	KAIROS SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ4	28	7222920	Posbus 203	Heidelberg		6665	Langs N2	Heidelberg		6665	HEIDELBEI	HEIDELBEI	HEIDELBEI	EDEN	HESSEQUA	10402005	20.956782	-34.10645	Y	1358830	12	8	589
107008021	KALKFONTEIN PRIM	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO EAST	5	Met_East	1	NQ4	21	9065330	P.O. Box 47	KUILS RIVE	KUILS RIVE	7579	C/O Belhar	Kalkfontein	KUILS RIVE	7100	KUILSRIVIE	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100011	18.670385	-33.94296	N		9	R	1,158
102480460	KALKSTEENFONTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	3	NQ4	21	9341008	Salviastraat	Kalksteenfontein		7490	Salviastraat	Kalksteenfontein			KALKSTEE	BONTEHEU	GOODWOO	CITY OF CA	CITY OF CA	19100030	18.565641	-33.94707	N		7	R	340
105310468	KANNEMEYER PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	3	NQ5	21	7062365	3rd Avenue	GRASSY PARK		7945	3rd Avenue	GRASSY PARK		7945	GRASSY P	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100110	18.492322	-34.04762	Y		7	R	518
138347213	KAPEL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2161246	Posbus 96	Klawer		8145	Kapel	Klawer			KLAWER	KLAWER	VREDENDA	WEST COA	MATZIKAM	10101005	18.580222	-31.75658	Y		6	R	100
119109273	KARATARA LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ1	44	3562655	Hoofstraat 1	Karatara		6580	Hoofstraat 1	Karatara		6580	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408002	22.839882	-33.9206	Y		7	R	151
133476552	KAROOKOP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	9421133	Posbus 435	Piketberg		7320	Karookop	Het Kruis			PIKETBER	PIKETBER	PIKETBER	WEST COA	BERGRIVIE	10103005	18.719924	-32.68605	Y		7	R	122
101323586	KASSELSVLEI KOMPREHENSIEWE HS	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ4	21	9513427	Posbus 723	Kasselsvlei		7533	Nick Kearns	Bellville-Sui	WESTERN CAPE		BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100009	18.64366	-33.91621	Y	1342226	12	8	1,159
101320544	KASSELSVLEI PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ4	21	9514922	Neethlingst	Bellville-Suid		7530	Neethlingst	Bellville-Suid			BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100009	18.642524	-33.9176	Y		7	P	657
114330027	KATHLEEN MURRAY PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	7	NQ4	21	8593600	Posbus 19	Pineview	GRABOUW	7160	Wyngaards	Pineview	GRABOUW	7160	GRABOUW	GRABOUW	CALEDON	OVERBERG	THEEWATE	10301013	19.003181	-34.15467	Y		7	R	1,137
109325694	KAYAMANDI PRIM.	Par: Xhosa/Eng		ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1		0	NQ1	21	8 895 716	P.O Box 21	Denisig	STELLENB	7600	Remaining	Watergang	STELLENB	7600	KAYAMANI	STELLENB	STELLENB	CAPE WINI	STELLENB	10204012	18.852489	-33.92065	N		7	R	704
109042106	KAYAMANDI SEC.	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8895481	P O Box 22	Dennesig		7601	Old Corobri	Kayamandi	STELLENB	7600	KAYA MAN	STELLENB	STELLENB	CAPE WINI	STELLENB	10204014	18.846671	-33.9176	N	1317717	12	8	953
127330892	KEEROM SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6143110	Posbus 468	Montagu		6720	Keerom Pla	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBER	10206012	19.689237	-33.56906	Y		7	1	19
127337536	KEISIE VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6141605	Posbus 231	Montagu		6720	Goedemoed	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBER	10206012	20.007753	-33.70156	Y		7	R	116
103322148	KENMERE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ5	21	5932300	Tenth Aven	Kensington		7405	Tenth Aven	Kensington		7405	KENSINGT	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.510945	-33.91298	Y		7	R	983
101309272	KENRIDGE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	2	NQ5	21	9763046	Van Riebee	KENRIDGE		7550	Van Riebee	KENRIDGE		7550	KENRIDGE	DURBANVI	BELLVILLE	CITY OF CA	CITY OF CA	19100070	18.63408	-33.86005	Y		7	R	1,529
103323810	KENSINGTON SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	3	NQ5	21	5933050	Sunderland	Kensington		7405	Sunderland	Kensington			KENSINGT	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.506993	-33.90843	Y	1321137	12	8	1,209
105309376	KENWYN PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	5	NQ5	21	7622720	Leafmore R	KENWYN		7764	Leafmore R	KENWYN		7764	LANSDOW	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.502329	-33.99111	Y		7	1	571
132470198	KERRIA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ5	21	5727093	Posbus 170	Dassenberg	ATLANTIS	7350	Kerria Aven	Protea Park	ATLANTIS		PROTEA P	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100032	18.500302	-33.57692	Y		7	R	886
108476579	KERSBOSLAAGTE SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Westcoast/Winelands	4	NQ1	21	8698266	Posbus 720	Noorder-Paarl		7623	Slentpad	Agter Paarl		7623	PAARL	PAARL	MALMESBU	CITY OF CA	CITY OF CA	19100105	18.802425	-33.67068	N		7	R	128
105480495	KEWTOWN PRIM.	English	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	1	NQ4	21	6377020	Klapperbos	Kewtown	ATHLONE	7764	Klapperbos	Kewtown	ATHLONE	7764	KEW TOWI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.511778	-33.95742	N		7	R	328
106312061	KHANYA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	2	NQ2	21	3916409	P O Box 16	Mitchell'S Plain		7784	Merrydale R	Portlands	MITCHELL'	7785	MITCHELL'	MITCHELL'	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.618988	-34.055	Y		7	R	1,231
111323942	KHANYOLWETHU SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	7	NQ3	21	8455290	P O Box 44	STRAND		7139	Noxolo Stre	Lwandle	STRAND		LWANDLE	STRAND	STRAND	CITY OF CA	CITY OF CA	19100086	18.865033	-34.1189	N	1337718	12	8	1,247
110007280	KHAYELITSHA NO 1 SENIOR SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	8	NQ2	21	3650601	P O Box 45	Mitchell'S Plain		7789	Tutu Avenue	Makaza	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100096	18.69975	-34.04191	N	1334444	12	8	1,261
105309273	KIRSTENHOF PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	3	NQ5	21	7011143	Lente Stree	Kirstenhof		7945	18 Lente St	Kirstenhof		7945	KIRSTENH	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.45521	-34.06947	Y		7	P	774
142360317	KLAARSTROOM PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	8	NQ1	23	5411993	Posbus 13	Klaarstroom		6932	Nuwe Uitbre	Klaarstroom		6932	PRINCE AL	PRINCE AL	PRINCE AL	CENTRAL K	PRINCE AL	10502004	22.527864	-33.32539	N		7	1	135
128330299	KLAASVOOGDS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6261700	Posbus 21	Klaasvoogds		6707	Pk Klaasvo	Klaasvoogdsrivier		6707	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBER	10206009	19.991744	-33.80203	N		7	R	174
108470201	KLAPMUTS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	1	Westcoast/Winelands	3	NQ1	21	8755471	Posbus 19	Klapmuts		7625	Merchantstr	Klapmuts			PAARL	PAARL	PAARL	CAPE WINI	STELLENB	10204018	18.864525	-33.81056	Y		7	R	1,316
137309274	KLAWER LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2161507	Posbus 100	Klawer		8145	Skoolstraat	Klawer			KLAWER	KLAWER	VANRHYNS	WEST COA	MATZIKAM	10101006	18.62733	-31.78217	Y		7	R	219
139366129	KLAWERVLEI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ1	23	4181672	Posbus 123	Beaufort-Wes		6970	Klawervlei	Beaufort-Wes		6970	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503007	22.413274	-32.11564	Y		7	1	50
108473367	KLEIN NEDERBURG SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ4	21	8622720	Posbus 13	Hugenot	PAARL	7645	Newmanstr	Paarl			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203023	18.99333	-33.73683	Y	1317719	12	8	1,367
104310972	KLEINBERG PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	2	NQ4	21	7831741	Aquila Way	Ocean View		7975	Aquila Way	Ocean View		7975	OCEAN VIE	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100061	18.349866	-34.14448	Y		7	1	1,027
117337714	KLEINFONTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ1	28	5142560	Posbus 201	Swellendam		6740	Kleinfontein	Swellendam		6740	SWELLEND	SWELLEND	SWELLEND	OVERBERG	SWELLEND	10304001	20.216586	-34.13975	Y		6	1	32
135476609	KLEINKARNMELKVLEI NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	4331025	Posbus 520	Moorreesburg		7310	Kleinkarnm	Moorreesburg			MOORREE	MOORREE	MOORREE	WEST COA	SWARTLAN	10105003	18.804147	-33.13589	Y		6	1	88
114309607	KLEINMOND LAER.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ4	28	2713440	Posbus 88	Kleinmond		7195	Hoofweg 22	Kleinmond			KLEINMON	KLEINMON	CALEDON	OVERBERG	OVERSTRA	10302009	19.030733	-34.33989	Y		7	1	214
114330663	KLEINMOND PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	2	Overberg	9	NQ3	28	2713149	Posbus 95	Kleinmond		7195	Skoolstraat	Proteadorp	KLEINMON	7195	KLEINMON	KLEINMON	CALEDON	OVERBERG	OVERSTRA	10302009	19.01783	-34.33733	N	8910	9	R	697
138347299	KLEINRIVIER VGK LS	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2133124	Posbus 246	Vredendal		8160	Nuwe Hoop	Vredendal			VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAM	10101004	18.5374	-31.68363	Y		7	R	226
107323578	KLEINVLEI SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	5	NQ5	21	9041217	Posbus 177	EERSTERIVIER		7103	Ixiastraat	Kleinvlei	EERSTERI	7103	KLEINVLEI	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100014	18.71248	-33.98786	N	1334422	12	8	1,173
113336017	KLIPDALE EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ1	28	4521765	Posbus 11	KLIPDALE		7283	KLIPDALE			7283	BREDASD	BREDASD	BREDASD	OVERBERG	CAPE AGU	10303002	19.97533	-34.30067	Y		7	P	120
118356409	KLIPDRIFT EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	2791459	Posbus 6	Herold		6615	Klipdrift	George		6530	GEORGE	GEORGE	GEORGE	EDEN	OUDTSHO	10405012	22.3115	-33.77517	Y		7	1	69
106496006	KLIPFONTEIN MET PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	4	Met_South	7	NQ3	21	3700161	Posbus 320	Ottery		7808	Disa Road	Phillipi East		7785	PHILLIPI	BISHOP LA	WYNBERG	CITY OF CA	CITY OF CA	19100035	18.618068	-33.99927	N		7	1	346
102480509	KLIPFONTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6947787	Oudehoutst	Bonteheuwel		7764	Oudehoutst	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100031	18.561754	-33.9603	N		7	R	423
121357499	KLIPFONTEIN VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	2	NQ1	28	7351321	Posbus 179	Klipfontein	ALBERTINI	6695	Klipfontein	Albertinia		6695	ALBERTINI	ALBERTINI	RIVERSDA	EDEN	HESSEQUA	10402002	21.56048	-34.06077	Y		6	1	30
132326011	KLIPHEUWEL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ3	21	9711640	Radioweg	Klipheuwel		7303	Radioweg	Klipheuwel			MALMESBU	MALMESBU	BELLVILLE	CITY OF CA	CITY OF CA	19100105	18.708457	-33.72431	N		7	1	304
138476641	KLIPHEUWEL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2171285	Posbus 57	Klipheuwel	LUTZVILLE	8165	Klipheuwel	Lutzville			LUTZVILLE	LUTZVILLE	VREDENDA	WEST COA	MATZIKAM	10101001	18.390424	-31.59387	Y		6	1	35

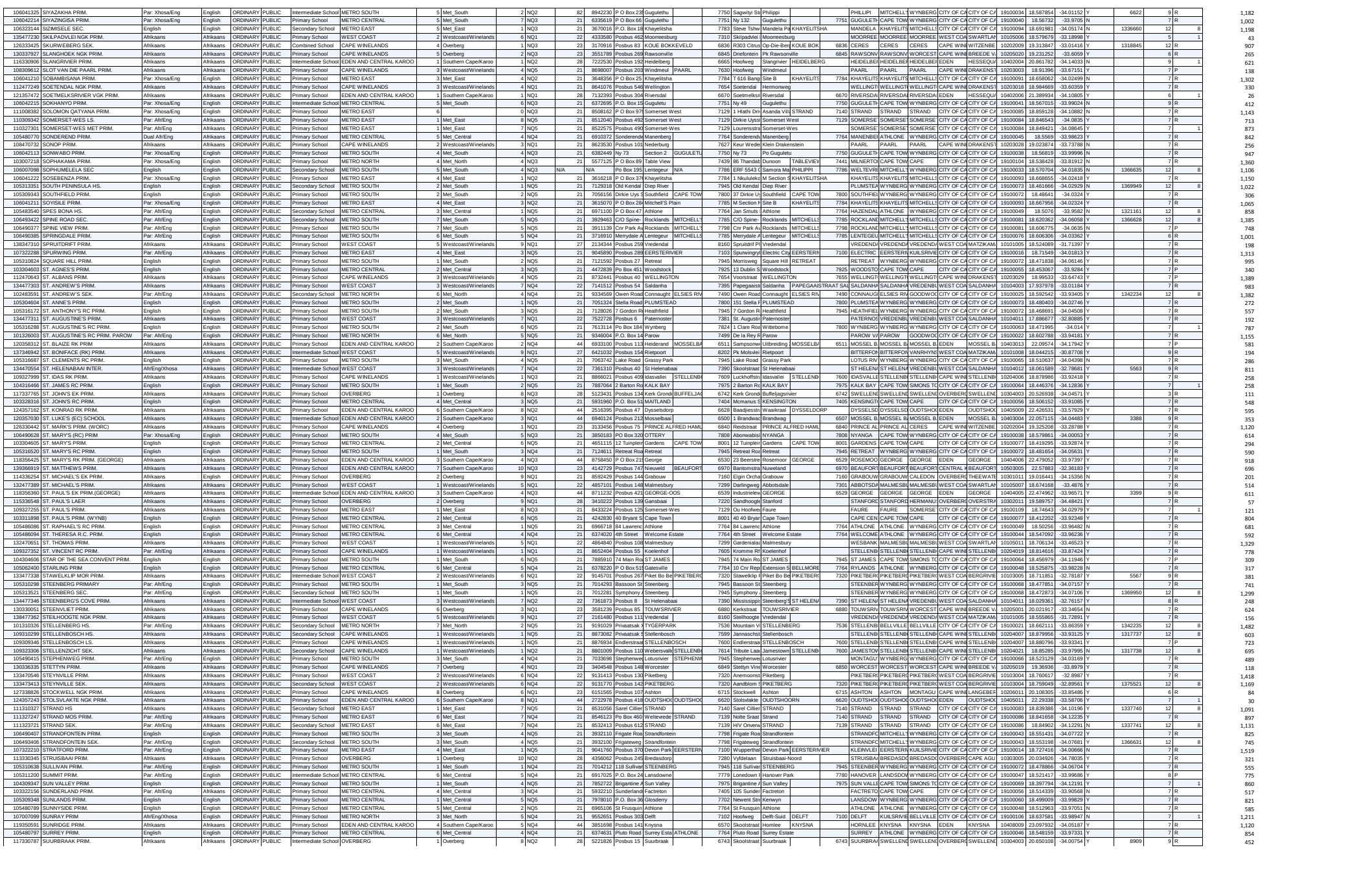
118356514	KLIPRIVIER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	7451018	Poskantoor	Noll		6462	Joncksrus	Noll		6462	UNIONDAL	UNIONDAL	GEORGE	EDEN	GEORGE	10404024	23.040307	-33.77322	Y		6	1	37
117337722	KLUITJIESKRAAL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ1	28	5143715	Posbus 390	Swellendam		6740	Kluitjieskraa	Swellendam		6740	SWELLEN	SWELLEN	SWELLEN	OVERBERG	SWELLEN	10304003	20.371676	-34.15627	Y		6	1	31
119110238	KNYSNA HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ5	44	3822137	Po Box 437	Knysna		6570	20 Long Str	Knysna		6571	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408010	23.049234	-34.0335	Y	1353318	12	8	583
119109279	KNYSNA PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ5	44	3821422	P.O. Box 13	KNYSNA		6570	6 Long Stre	KNYSNA		6570	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408010	23.048332	-34.03793	Y		7	R	909
119353019	KNYSNA SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ4	44	3850310	Posbus 150	Hornlee	KNYSNA	6583	Sunridgestr	Hornlee	KNYSNA	6570	HORNLEE	KNYSNA	KNYSNA	EDEN	KNYSNA	10408006	23.094683	-34.04613	Y	1353319	12	8	1,634
103309308	KOEBERG PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ5	21	5113443	H/V Koeber	Maitland		7405	H/V Koeber	Maitland			MAITLAND	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.481284	-33.92091	Y		7	R	372
138347086	KOEKENAAP VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2171673	Posbus 525	Lutzville		8165	Skoolstraat	Koekenaap			KOEKENA	KOEKENA	VREDEND	WEST COA	MATZIKAM	10101008	18.292005	-31.52481	Y		7	R	245
126336807	KOELFONTEIN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3133364	Posbus 25	PRINCE ALFRED HAML		6840	Koelfontein	PRINCE ALFRED HAML		6840	PRINCE AL	PRINCE AL	CERES	CAPE WIN	WITZENBE	10202010	19.336647	-33.25887	Y		7	R	106
125358339	KOMMANDANTSDRIFT SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	7451015	Posbus 11	Herold		6615	Kommanda	Oor Unionda	KOMMANDANTSDRIFT		UNIONDAL	UNIONDAL	GEORGE	EDEN	GEORGE	10404024	22.817028	-33.72147	Y		6	1	66
104309277	KOMMETJIE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	4	NQ5	21	7832973	Teubes Roa	Kommetjie		7975	Teubes Roa	Kommetjie			KOMMETJI	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100069	18.330139	-34.14125	Y		7	R	216
102309279	KOOS SADIE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	6	NQ5	21	5916151	Dingleweg	Goodwood		7460	Dingleweg	Goodwood			GOODWOO	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100027	18.55225	-33.90964	Y		7	R	909
132476676	KORANRUG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4922803	Posbus 205	Darling		7345	Korhaansru	Darling			DARLING	DARLING	MALMESBU	WEST COA	SWARTLAN	10105006	18.423766	-33.32781	Y		6	R	79
132470228	KORINGBERG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	4238009	Posbus 90	Koringberg		7312	Jakarandas	Rautenville	KORINGBE	7312	KORINGBE	KORINGBE	MOORREE	WEST COA	SWARTLAN	10105001	18.674713	-33.01101	Y		7	R	255
114330639	KOSIE DE WET PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ3	28	8401475	Posbus 360	VILLIERSDORP		6848	Buitenkants	VILLIERSDORP		6848	VILLIERSD	VILLIERSD	CALEDON	OVERBERG	THEEWATE	10301006	19.285869	-33.99154	Y		7	R	1,407
126309281	KOUE BOKKEVELD LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ5	23	3170611	Posbus 29	Koue Bokkeveld		6836	Protealaan	Op Die Berg	KOUE BOK	6836	CERES	CERES	CERES	CAPE WIN	WITZENBE	10202009	19.310605	-33.02374	Y		7	P	149
101326615	KRAAIFONTEIN AME PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	2	NQ5	21	9881204	Posbus 660	Kraaifontein		7569	9de Laan	Kraaifontein			EIKENDAL	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.715147	-33.85611	Y		7	R	387
119356875	KRANSHOEK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ1	44	5339357	Posbus 293	Plettenbergbaai		6600	Monuments	Kranshoek	PLETTENBERGBAAI		KRANTSHO	PLETTENB	KNYSNA	EDEN	BITOU	10407007	23.294	-34.08881	Y		9	R	726
118356336	KRETZENSHOOP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ4	44	8707470	Posbus 703	BLANCO		6531	John Kretze	BLANCO		6531	BLANCO	BLANCO	GEORGE	EDEN	GEORGE	10404001	22.418479	-33.94559	Y	3387	9	1	821
116337145	KROMBEKSRIVIER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7221180	Posbus 271	Heidelberg		6665	Krombeksri	Heidelberg		6665	HEIDELBE	HEIDELBE	HEIDELBE	EDEN	HESSEQUA	10402003	21.031705	-34.08517	Y		6	1	19
136476692	KROMLAND NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4822876	Posbus 82	Graafwater		8120	Kromland	Clanwilliam			CLANWILL	CLANWILL	CLANWILL	WEST COA	CEDERBER	10102004	18.78024	-32.27367	Y		6	1	25
126337013	KROMLIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3170351	Posbus 26	Koue Bokkeveld		6836	Kromfontein	Koue Bokkeveld		6836	CERES	CERES	CERES	CAPE WIN	WITZENBE	10202008	19.246125	-32.95402	Y		8	R	141
105309283	KRONENDAL PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_South	5	NQ5	21	7902060	Posbus 270	HOUT BAY		7872	Andrews Ro	HOUT BAY		7806	HOUT BAY	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100074	18.36102	-34.04112	Y		7	1	357
121358207	KRUISRIVIER EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133236	Posbus 28	Riversdal		6670	48 De Draai	Riversdal	VAN RIEBEECKSTRAAT		RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402006	21.32683	-34.08117	Y		6	1	48
122356115	KRUISRIVIER-WES UCC PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2133898	Posbus 304	Bridgton	OUDTSHOO	6625	Farm Kruisr	Distrik Calitzdorp		6633	CALITZDO	CALITZDO	CALITZDO	EDEN	KANNALAN	10401002	21.87852	-33.44088	Y		7	1	65
107320323	KUILS RIVER PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	6	NQ4	21	9035180	Posbus 207	Sarepta	KUILSRIVIE	7582	Sareptaweg	KUILSRIVIER		7580	SAREPTA	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100011	18.668024	-33.92618	N		7	R	1,271
107323977	KUILS RIVER TECHNICAL SEC	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_East	6	NQ4	21	9060040	P.O. Box 10	KUILSRIVIER		7580	22-40 Drieb	Highbury	KUILS RIVE	7580	KUILSRIVIE	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100019	18.675388	-33.94982	N	1344482	12	8	776
106041205	KUKHANYILE PUBL. PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	5	NQ2	21	3615120	P O Box 25	Nonkqubela		7793	Cnr. Pama	L Section S	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100093	18.671908	-34.02924	N		7	R	869
102042218	KULANI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	4	NQ3	21	6943301	PO Box 116	LANGA		7456	5 Zone 5	Thabo Mbek	LANGA	7455	LANGA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100051	18.533866	-33.948	N	1321138	12	8	640
106400742	KUYASA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	8	NQ3	21	3634313	P O Box 86	MITCHELL'S PLAIN		7789	Oscar Mpet	Kuyasa	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100098	18.683232	-34.06222	N		7	R	1,431
106323128	KWAMFUNDO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	6	NQ2	21	3619347	P O Box 35	Lingelethu \	HARARE	7765	16 Ncumo F	Harare	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100098	18.672963	-34.05558	N	1334423	12	8	1,281
136476706	KWEEKKRAAL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	22	9213631	Kweekkraal	Posbus 232	CITRUSDAI	7340	Kweekkraal	Citrusdal			CITRUSDAI	CITRUSDAI	CLANWILL	WEST COA	CEDERBER	10102001	18.957503	-32.4472	Y		6	R	107
108473499	KYLEMORE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ2	21	8851341	Posbus 1	Groot Drakenstein		7680	Skoolstraat	Kylemore			KYLEMORE	KYLEMORE	STELLENB	CAPE WIN	STELLENB	10204004	18.956447	-33.92432	Y	1317720	12	8	782
108470295	L.K. ZEEMAN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8623900	Posbus 935	Huguenot		7645	Suikerbekki	Amstelhof	PAARL OOS	7646	PAARL	PAARL	PAARL	CAPE WIN	DRAKENST	10203027	19.00967	-33.73964	Y		7	R	284
114336602	L.R. SCHMIDT MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	10	NQ3	28	2518207	Posbus 25	GENADENDAL		7234	George Sch	GENADENDAL		7234	GENADENI	GENADENI	CALEDON	OVERBERG	THEEWATE	10301002	19.559087	-34.03462	Y		7	R	463
129338753	LA PLAISANTE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ1	23	2310889	Posbus 87	Wolseley		6830	La Plaisante	Wolseley		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WIN	WITZENBE	10202002	19.20834	-33.45937	Y		6	R	114
108309284	LA ROCHELLE GIRLS PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8724371	Posbus 66	Hoofstraat P	PAARL	7646	Faurestraat	Paarl		7646	PAARL	PAARL	PAARL	CAPE WIN	DRAKENST	10203004	18.965055	-33.73716	Y		7	R	355
108310254	LA ROCHELLE MEISIES HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8724367	Posbus 21	Hoofstraat	PAARL	7622	Faurestraat	Paarl		7646	PAARL	PAARL	PAARL	CAPE WIN	DRAKENST	10203004	18.963639	-33.73734	Y	1317722	12	8	560
126336890	LAASTEDRIF NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3123476	Posbus 392	Ceres		6835	Laastedrift	Ceres		6835	CERES	CERES	CERES	CAPE WIN	WITZENBE	10202012	19.655372	-33.31687	Y		8	1	74
101309285	LABIANCE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ5	21	9499740	Steinbergst	Labiance	BELLVILLE	7530	Steinbergst	Labiance	BELLVILLE	7530	LABIANCE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100003	18.658996	-33.91126	Y		7	R	687
108310257	LABORI HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ5	21	8728293	Privaatsak X	Paarl		7620	Gimnasium	Paarl		7646	PAARL	PAARL	PAARL	CAPE WIN	DRAKENST	10203004	18.960814	-33.73167	Y	1317721	12	8	467
123112229	LADISMITH HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ5	28	5511065	Posbus 34	Ladismith		6655	Vredelaan	Ladismith		6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAN	10401004	21.267838	-33.48825	Y	1353320	12	R	275
123353450	LADISMITH SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ4	28	5511655	Posbus 139	Ladismith		6655	Van Eyckla	Ladismith		6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAN	10401001	21.272423	-33.49735	Y	1353321	12	8	552
140212221	LAINGSBURG HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	7	Overberg	3	NQ4	23	5511029	Posbus 42	Laingsburg		6900	Voortrekker	Laingsburg		6900	LAINGSBU	LAINGSBU	LAINGSBU	CENTRAL K	LAINGSBU	10501003	20.852437	-33.1973	Y	1358831	12	R	518
136309286	LAMBERTSBAAI LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ5	27	4321130	Posbus 146	Lambertsbaai		8130	Skoolstraat	Lambertsbaai			LAMBERT'S	LAMBERT'S	CLANWILL	WEST COA	CEDERBER	10102005	18.312851	-32.09169	Y		7	R	196
118358185	LANCEWOOD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ1	44	8501177	Posbus 474	George-Oos		6539	Ou Knysnaw	Lancewood	DISTRIK GEORGE		GEORGE	GEORGE	GEORGE	EDEN	KNYSNA	10408001	22.736612	-33.947	Y		7	1	59
102042103	LANGA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	1	NQ3	21	6941874	P.O. Box 24	Langa		7455	Washington	Langa			LANGA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100051	18.529842	-33.94449	N	1321140	12	8	810
108042209	LANGABUYA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8683110	P O Box 80	Mbekweni	PAARL	7626	Mafila Stree	Po Mbekweni			MBEKWEN	PAARL	PAARL	CAPE WIN	DRAKENST	10203009	18.992618	-33.6739	N		7	R	1,379
131470252	LANGEBAAN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7722860	Posbus 60	Langebaan		7357	Aandblom S	Langebaan			LANGEBAA	LANGEBAA	HOPEFIELD	WEST COA	SALDANHA	10104006	18.036679	-33.07977	Y	5552	9	R	395
131309287	LANGEBAANWEG LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7661720	Posbus 89	Langebaanweg		7375	Sentrale Vli	Langebaanweg			LANGEBAA	LANGEBAA	HOPEFIELD	WEST COA	SALDANHA	10104008	18.144062	-32.97909	Y		7	R	194
128333026	LANGEBERG SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	7	Overberg	6	NQ3	23	6263579	Posbus 354	Robertson		6705	George-We	Dagbreek	ROBERTSON		ROBERTSO	ROBERTSO	ROBERTSO	CAPE WIN	LANGEBER	10206003	19.88992	-33.78613	Y	1318832	12	8	1,576
124110240	LANGENHOVEN GIMNASIUM	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ5	44	2722151	Privaatsak X	OUDTSHOORN		6625	H/V Scheep	Jan Van Rie	OUDTSHOO	6625	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405002	22.198907	-33.57626	Y	1353322	12	8	669
121110243	LANGENHOVEN HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ5	28	7131065	Posbus 49	Riversdal		6670	Le Rouxstra	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402007	21.25669	-34.08469	Y	1358833	12	8	411
121357480	LANGKLOOF PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133823	Proteastraa	Riversdal		6670	Langkloof	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402007	21.320822	-33.95857	Y		6	1	11
136476722	LANGVLEI SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4221366	Posbus 114	GRAAFWATER		8120	Bo-Langvlei	SANDBERG		8120	CLANWILL	CLANWILL	CLANWILL	WEST COA	CEDERBER	10102004	18.684006	-32.33999	Y		6	R	70
121358274	LANQUEDOC VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133620	Posbus 304	Riversdal		6670	Lanquedoc	Riversdale		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402002	21.426992	-34.03863	Y		6	1	26
106490210	LANTANA PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	6	Met_South	3	NQ5	21	3711142	Lantanastra	Lentegeur	MITCHELL'S	7785	Lantanastra	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.620416	-34.02991	Y		8	R	1,163
124358665	LATEGANSVLEI SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2727591	Posbus 976	Oudtshoorn		6620	Lategansvle	Distrik-Oudtshoorn		6620	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405001	22.035629	-33.54007	Y		6	1	40
135470279	LAURIE HUGO PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ4	22	4331408	Posbus 392	Moorreesburg		7310	Meulstraat 2	Moorreesburg		7310	MOORREE	MOORREE	MOORREE	WEST COA	SWARTLAN	10105002	18.671603	-33.15086	Y	5569	9	R	1,376
105313661	LAVENDER HILL SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	3	NQ4	21	7019000	Depsiton Cr	Lavender Hill		7945	Depsiton Cr	Lavender Hill			LAVENDER	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100110	18.48788	-34.06707	Y	1369925	12	8	1,073
102480517	LAVISRYLAAN PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	3	NQ4	21	9341009	Lavisrylaan	Bishop Lavis		7490	Lavisrylaan	Bishop Lavis			BISHOP LA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100024	18.581119	-33.9458	N		3	R	264
101320234	LAWRENSIA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	7	Met_East	2	NQ2	21	9884129	Posbus 205	Kraaifontein		7569	De Novo	Kraaifontein			KUILSRIVIE	BELLVILLE	KUILSRIVIE	CAPE WIN	STELLENB	10204019	18.769315	-33.83923	N		9	1	434
139367044	LAYTON NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ1	23	4128900	Posbus 124	BEAUFORT WES		6970	Welgemoed	BEAUFORT WES		6970	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503007	21.9305	-32.2605	Y		7	1	46
128337625	LE CHASSEUR VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6263996	Posbus 121	Robertson		6705	Le Grand Cl	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WIN	LANGEBER	10206005	19.726041	-33.86428	Y		8	R	211
142360376	LEEU GAMKA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ1	23	5212049	Posbus 135	Leeu Gamka		6950	Granaatbos	Bitterwater	LEEU GAMKA		LEEU GAM	PRINCE AL	PRINCE AL	CENTRAL K	PRINCE AL	10502001	21.967551	-32.76879	Y	3359	9	R	604
106042210	LEHLOHONOLO PRIM.	Par: Eng/Sotho	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	5	Met_South	6	NQ3	21	6331823	P.O.Box 55	Guguletu		7751	Ny 137	Gugulethu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100040	18.565786	-33.9739	N		8	R	218
107008019	LEIDEN AVENUE PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	6	NQ4	21	9542662	P.O Box 30	Delft		7102	17882 Leide	Delft		7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100013	18.63839	-33.97396	N		7	R	1,278
107008018	LEIDEN PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9542691	Po Box 305	Leiden	DELFT	7102	Hartebees S	Delft		7102	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100013	18.64128	-33.96823	N		7	R	874
107007994	LEIDEN SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_North	3	NQ4	21	9542688	PO Box 305	DELFT		7102	C/O Leiden	Leiden	DELFT	7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100013	18.63642	-33.97069	Y	1342265	12	8	1,277
136476749	LEIPOLDTVILLE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4221979	Posbus 25	Leipoldtville		8122	Skoolstraat	Leipoldtville		8122	CLANWILL	CLANWILL	CLANWILL	WEST COA	CEDERBER	10102005	18.483072	-32.22142	Y		7	R	114
130338729	LEIPZIG SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3421227	Posbus 147	Worcester		6849	Sonja Plaas	Nuy	WORCEST	6849	WORCEST	WORCEST	WORCEST	CAPE WIN	BREEDE V	10205018	19.636193	-33.64163	Y		6	R	77
130330434	LEMOENPOORT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3404829	Posbus 112	WORCESTER		6849	Lemoenpoo	WORCESTER		6850	WORCEST	WORCEST	WORCEST	CAPE WIN	BREEDE V	10205019	19.487753	-33.83663	Y		6	R	102
117337846	LEMOENSHOEK NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	28	5721127	Posbus 39	Barrydale		6750	Lemoensho	Barrydale		6750	BARRYDAL	BARRYDAL	SWELLEN	OVERBERG	SWELLEN	10304002	20.857655	-33.8472	Y		6	R	60
106493392	LENTEGEUR SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	7	NQ5	21	3714161	Rooikrans F	Lentegeur	MITCHELL'S	7785	Rooikrans F	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.610443	-34.02991	Y	1366610	12	8	1,489
102480525	LEONSDALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	6	NQ4	21	9325470	26ste Straa	Leonsdale	ELSIESRIV	7490	26ste Straa	Leonsdale	ELSIESRIVIER		LEONSDAL	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100026	18.578902	-33.91868	Y		3	R	305
105311456	LEVANA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	3	NQ4	21	7019400	Depsitonsin	Lavender Hi	RETREAT	7945	Depsitonsin	Lavender Hi	RETREAT		LAVENDER	RETREAT	WYNBERG	CITY OF CA	CITY OF CA	19100068	18.488801	-34.06959	Y		7	R	1,084
132470287	LIEBENBERG PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ2	22	4864595	Posbus 208	Malmesbury		7299	Darlingweg	Malmesbury		7300	WESBANK	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105011	18.710245	-33.46198	Y		7	P	1,637
106490229	LIESBEECK PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	7	NQ5	21	3714860	Liesbeeck V	Portland	MITCHELL'S	7785	Liesbeeck V	Portland	MITCHELLS	7785	PORTLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.608019	-34.04328	Y		7	R	858
106042211	LINGE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	3	NQ2	21	3850063	P O Box 14	Nyanga		7755	Sibini Aven	Nyanga		7755	NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100037	18.587059	-33.99851	Y	6669	9	R	819
106042303	LITHA PRIM.	Par: Xhosa/Eng/Tswana	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	4	NQ3	21	6383492	P. O Box 13	Guguletu		7750	Ny 46	Gugulethu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100041	18.56299	-33.99001	N		7	R	430
106490393	LITTLEWOOD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	7	NQ4	21	3976001	100 Loheng	Eastridge	MITCHELL'S	7785	Lohengrinst	Eastridge	MITCHELLS PLAIN		EASTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.63558	-34.0507	Y		7	R	1,314
105313343	LIVINGSTONE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6715986	P O Box 20	Clareinch		7740	100 Lansdo	Claremont			CLAREMO	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100058	18.474931	-33.98449	Y	1329926	12	8	952
106042304	LIWA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	4	Met_South	7	NQ2	21	3865336	P O Box 33	Nyanga		7755	4th Street	Off Emm'S Drive			NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100038	18.581531	-33.99389	Y		7	R	456
105309291	LLANDUDNO PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_South	5	NQ5	21	7902010	Gully Road	Llandudno		7806	Gully Road	Llandudno		7806	LLANDUDN	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100074	18.345549	-34.00974	Y		7	R	215
132473510	LLINGELETHU SEC.	English	English	ORDINARY	PUBLIC	Secondary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4866976	P.O. Box 10	Malmesbury		7300	Holomisa S	Lingelethu T	MALMESBU	7300	ILINGE LET	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105009	18.698384	-33.46364	N	1375540	12	8	539
111309292	LOCHNERHOF LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	7	NQ5	21	8547316	Posbus 124	Strand		7139	Sarel Cillier	Strand			STRAND	STRAND	STRAND	CITY OF CA	CITY OF CA	19100083	18.832508	-34.10653	Y		7	P	950
111000840	LORETO PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	7	NQ5	21	8533377	P.O. Box 13	STRAND		7139	16 Gordons	STRAND		7140	STRAND	STRAND	STRAND	CITY OF CA	CITY OF CA	19100085	18.833597	-34.11811	Y		7	R	275
130337935	LORRAINE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ1	23	3491631	Posbus 218	Rawsonville		6845	Lorraine Pla	Rawsonville		6845	RAWSONV	RAWSONV	WORCEST	CAPE WIN	BREEDE V	10205019	19.261738	-33.71266	Y		3	R	106
105310166	LOTUS RIVER PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ5	21	7063746	C/O Lake R	LOTUS RIVER		7945	C/O Lake R	LOTUS RIVER		7945	LOTUS RIV	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100065	18.507628	-34.04123	N		7	R	461
105493341	LOTUS SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	5	NQ5	21	7031544	Park Cresce	Grassy Park		7941	Park Cresce	Grassy Park		7941	GRASSY P	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100066	18.511226	-34.02704	Y	1369927	12	8	418
105310794	LOURIER PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	1	Met_South	3	NQ4	21	7136753	Blagden Str	RETREAT		7945	Blagden Str	RETREAT		7945	RETREAT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100110	18.482043	-34.05998	Y		9	R	539
100000124	LOUWVILLE HS	Par: Afr/Eng		ORDINARY	PUBLIC	Secondary School	WEST COAST	3		0	NQ4	22	7133439	Duifstraat	Vredenburg		7380	Duifstraat	Vredenburg		7380	VREDENBU	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104013	18.006815	-32.91637	N		9	8	574
109323411	LUCKHOFF SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ4	21	8864766	Posbus 403	Idasvallei	STELLENB	7609	Bloekomlaa	Idasvallei	STELLENB	7600	IDASVALLE	STELLENB	STELLENB	CAPE WIN	STELLENB	10204006	18.884746	-33.91952	Y	1317723	12	8	829
106041101	LUHLAZA SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	1	NQ3	21	3613424	P O Box 14	Khayelitsha		7784	Makabeni R	Khayelitsha			KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100092	18.661828	-34.041	N	1334424	12	8	1,148
115042107	LUKHANYO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ1	28	3121552	Po Box 119	Hermanus		7200	1 Lusiba St	Zwelihle Lo	HERMANUS		ZWELIHLE	HERMANU	HERMANU	OVERBERG	OVERSTRA	10302006	19.21169	-34.43103	N		7	R	1,140
106041329	LULEKA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	1	NQ2	21	3610164	P.O.Box 34	Khayelitsha		7784	Ncumo Roa	Harari Ext	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100098	18.671536	-34.06026	N		7	R	1,026
138312229	LUTZVILLE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2171006	Posbus 6	Lutzville		8165	Stasieweg	Lutzville			LUTZVILLE	LUTZVILLE	VREDEND	WEST COA	MATZIKAM	10101001	18.34147	-31.55803	Y	1375510	12	1	397
138347078	LUTZVILLE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2171250	Posbus 62	Lutzville		8165	Strandfonte	Lutzville-Wes			LUTZVILLE	LUTZVILLE	VREDEND	WEST COA	MATZIKAM	10101001	18.328217	-31.55748	Y		7	R	228
106042305	LUZUKO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	7	NQ3	21	6333015	P.O.Box 16	Guguletu		7751	C/O Ny 4 &	Gugulethu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100045	18.56144	-33.98184	N		7	R	401
106041206	LWANDLE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO EAST	5	Met_East	5	NQ3	21	3615101	PO Box 132	KHAYELITSHA		7784	Lawula Roa	J. Section	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.67634	-34.03641	N		8	R	861
106042108	LWAZI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	5	NQ2	21	6382447	P.O. Box 14	Guguletu		7751	Ny 112	Gugulethu		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100040	18.574693	-33.9782	N		7	R	1,114
109320838	LYNEDOCH PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ2	21	8813515	Posbus 80	Lynedoch		7603	Drie Gewels	Lynedoch			STELLENB	STELLENB	STELLENB	CAPE WIN	STELLENB	10204020	18.771938	-33.98334	Y		8	R	282

118041306	M M MATEZA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ1	44	8801248	P.O. Box 44	Thembaleth	GEORGE	6530	525 Ngcaka	Thembaleth	GEORGE		THEMBALE	GEORGE	GEORGE	EDEN	GEORGE	10404013	22.480784	-34.00094	Y		7	R	1,639
136476765	MAASRUST SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4221277	Posbus 42	Graafwater		8120	Maasrust	Graafwater			GRAAFWA	GRAAFWA	VREDEND/	WEST COA	CEDERBEF	10102004	18.507591	-32.00807	Y		6	R	40
110320811	MACASSAR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	8	NQ5	21	8572400	Posbus 114	Macassar		7134	Krymekaar	Macassar			MACASSAI	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100109	18.763106	-34.06526	Y		7	R	1,067
110323527	MACASSAR SEK	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	8	NQ5	21	8571090	Posbus 36	Firgrove		7110	Ringlaan	Macassar			MACASSAI	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100109	18.764907	-34.06322	N	1337724	12	8	772
139360023	MADDISON PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ1	23	4143359	Posbus 393	Beaufort-Wes		6970	Letjiesbos	Beaufort-Wes		6970	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503007	22.268086	-32.56402	N		7	1	52
108470309	MAGNOLIA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8622610	Posbus 103	Nederburg	PAARL	7626	Magnoliastr	Huguenot		7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203025	19.001434	-33.72592	Y		7	R	693
103323829	MAITLAND SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5113772	Stasieweg	Maitland		7405	Stasieweg	Maitland		7405	MAITLAND	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.483169	-33.92035	Y	1321141	12	8	880
109324167	MAKUPULA SEC.	English		ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8897159	Makupula S	Kayamandi	STELLENB	7600	P O Box 99	Stellenbosch		7599	KAYAMANI	STELLENB	STELLENB	CAPE WINI	STELLENB	10204014	18.846505	-33.91732	Y	1317730	12	8	841
107323802	MALIBU SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	3	NQ5	21	9091105	Posbus 451	EERSTERIVIER		7103	Chatressing	Malibu Villa	BLUE DOW	7103	MALIBU VIL	EERSTERIV	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.695439	-33.9945	Y	1334425	12	8	1,563
132470783	MAMRE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	2	Met_North	2	NQ4	21	5761115	Posbus 69	MAMRE		7347	Johannesst	MAMRE		7347	MAMRE	MAMRE	MALMESBU	CITY OF CA	CITY OF CA	19100029	18.478886	-33.51521	Y	5535	9	R	761
106490601	MANDALAY PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	7	NQ4	21	3875141	Auber Aven	Mandalay	MITCHELLS	7785	Auber Aven	Mandalay	MITCHELLS	7785	MANDALAY	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.629475	-34.01471	Y		7	R	1,152
139041303	MANDLENKOSI SEC	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4152400	P.O. Box 60	Beaufort West		6970	Jabavu Roa	Kwa-Mandle	BEAUFORT WEST		KWA-MANI	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503004	22.58233	-32.37277	Y	1353323	12	8	460
105480533	MANENBERG PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_Central	4	NQ4	21	6371762	H/V Keistra	Manenberg		7764	H/V Keistra	Manenberg			MANENBEI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100045	18.554132	-33.98282	N		7	R	593
105483486	MANENBERG SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_Central	4	NQ4	21	6910050	Tugelaweg	Manenberg		7764	Tugelastraa	Manenberg			MANENBEI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100042	18.551866	-33.99601	Y	1321142	12	8	934
106373435	MANYANO HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	1	NQ3	21	3611110	Box 4	Khayelitsha		7784	Msobomvu	Ilitha Park	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100092	18.664352	-34.04684	N	1336651	12	8	1,221
199042109	MANZOMTHOMBO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_North	1	NQ3	21	9092010	P.O. Box 16	Blackheath		7581	Nkohla Stre	Mfuleni		7100	MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100016	0	0	N	1334426	12	8	1,479
117338303	MARAISDAL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6162731	Posbus 9	Bonnievale		6730	Maraisdal	Bonnievale		6730	BONNIEVA	BONNIEVA	ROBERTSC	CAPE WINI	LANGEBEF	10206008	20.009482	-33.93647	Y		6	R	70
103322474	MARCONI BEAM PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ4	21	5551764	P.O. Box 4	Marconi Be	MILNERTOI	7447	Democracy	Phoenix	MILNERTOI	7447	MILNERTOI	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100004	18.508313	-33.8735	N		7	R	1,145
102489220	MARIAN RC SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	3	NQ4	21	9314891	St Dominic'	Matroosfont	ELSIES RIV	7490	1 St Domini	Matroosfontein		7460	ADRIAANS	ELSIES RIV	GOODWOC	CITY OF CA	CITY OF CA	19100028	18.587592	-33.93918	Y	1342227	12	8	490
104311030	MARINE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	2	NQ4	21	7831616	Milky Way	Ocean View	FISH HOEK	7975	Milky Way	Ocean View	FISH HOEK	7975	OCEAN VIE	CAPE TOW	SIMONS TC	CITY OF CA	CITY OF CA	19100061	18.355396	-34.14785	Y		7	R	1,224
105304600	MARIST BROTHERS' JUNIOR	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6856715	P.O. Box 27	Rondebosch		7700	Belmont Ro	Rondebosch			RONDEBOS	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100058	18.474022	-33.95995	Y		7	P	283
110321494	MARVIN PARK PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	8	NQ5	21	8571440	Posbus 86	Macassar		7134	Basestraat	Macassar	FIRGROVE		MACASSAI	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100109	18.772034	-34.06119	N		7	R	1,167
115008277	MASAKHANE PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	OVERBERG	2	Overberg	9	NQ2	87	1502769	P.O. Box 88	GANSBAAI		7220	1933 Mande	Masakhane	GANSBAAI	7220	GANSBAAI	GANSBAAI	HERMANUS	OVERBERC	OVERSTRA	10302001	19.358722	-34.5916	N		9	R	505
128041108	MASAKHEKE COMBINED	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	7	Overberg	6	NQ2	23	6264310	P O Box 31	Nkqubela	ROBERTSC	6705	Peter Street	Nkqubela L	ROBERTSC	6705	NKQUBELA	ROBERTSC	ROBERTSC	CAPE WINI	LANGEBEF	10206002	19.895923	-33.82038	Y	1318834	12	7	423
107393436	MASIBAMBANE SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ1	21	9876075	P O Box 18	Kraaifontein		7569	Old Paarl R	Bloekombos	KRAAIFONTEIN		BLOEKOMI	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100101	18.747978	-33.84275	Y	1344468	12	8	1,467
103313920	MASIBAMBISANE SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_North	5	NQ4	21	9550466	P.O. Box 30	Delft		7102	669 Main R	Delft South		7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100106	18.633087	-33.99265	N	1341143	12	8	1,132
134008284	MASIPHATHISANE PRIM	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	0	NQ4	22	7151896	P O Box 88	Vredenburg		7380	Southern By	Ongegund	VREDENBU	7380	VREDENBU	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104002	18.015294	-32.92241	N		9	R	956
104373427	MASIPHUMELELE HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	2	NQ3	21	7854078	P O Box 12	SUN VALLEY		7985	Cnr Chasm	Sunnydale	FISH HOEK	7975	MASIPHUM	SUNNYDAL	SIMONS TC	CITY OF CA	CITY OF CA	19100069	18.377823	-34.13167	N	1369970	12	8	1,211
110377104	MASIPHUMELELE PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	5	NQ2	21	3650333	P.O. Box 37	Nonkqubela	MACASSAI	7784	Hlehla Stre	Section 39	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100097	18.695564	-34.05141	N		7	R	1,237
106007100	MASIVUKE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	5	Met_South	1	NQ2	21	3744095	P O Box 33	Nyanga		7755	Ntambanan	Village 4	PHILIPPI	7785	PHILLIPI	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100034	18.582355	-34.01016	N		7	R	1,299
106041105	MASIYILE SENIOR SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	4	NQ3	21	3641656	P.O.Box 87	Khayelitsha		7784	C/O Bonga	G Section	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.667271	-34.02964	N	1334427	12	8	1,230
137340049	MASKAM PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ4	27	2191440	Posbus 224	Van Rhynsdorp		8170	Bloekomstra	Vanrhynsdorp			VAN RHYN	VAN RHYN	VANRHYNS	WEST COA	MATZIKAM	10101007	18.749847	-31.59651	Y	5548	9	R	695
107322415	MASONWABE PRIM	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9553026	P O Box 31	Delft South		7100	Tamarisk St	Delft South		7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100106	18.629665	-33.9898	Y		7	R	1,349
140337307	MATJIESFONTEIN LB PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Overberg	3	NQ1	23	5613027	Posbus 205	Laingsburg		6900	Pk Matjiesfo	Matjiesfontein		6901	MATJIESFC	MATJIESFC	LAINGSBUI	CENTRAL K	LAINGSBUI	10501001	20.58217	-33.23383	Y		6	R	59
126336785	MATJIESRIVIER NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3123650	Posbus 553	Ceres		6835	Matjiesrivier	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202012	19.653777	-33.26749	Y		6	R	52
102486035	MATROOS. HOLY TRINITY RC PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	3	NQ4	21	9312604	St Dominic	Matroosfontein		7490	St Dominic	Matroosfontein			ADRIAANS	ELSIES RIV	GOODWOC	CITY OF CA	CITY OF CA	19100028	18.587093	-33.93905	Y		7	R	820
101321885	MATROOSBERGWEG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ4	21	9521060	P. O. Box 1	Belhar		7507	Haarlem Av	Belhar		7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100012	18.637503	-33.95071	Y		7	R	341
102480541	MATROOSFONTEIN PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	6	NQ4	21	9313263	Posbus 52	Matroosfontein		7490	Yorkweg	Matroosfontein			MATROOSI	ELSIES RIV	GOODWOC	CITY OF CA	CITY OF CA	19100030	18.575358	-33.93965	Y		4	R	763
106041102	MATTHEW GONIWE MEMORIAL HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	3	NQ2	21	3613385	P O Box 12	Khayelitsha		7784	Nyathi Stree	Site B	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100089	18.667614	-34.02201	Y	1334428	12	8	1,380
114336750	MAXONIA NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ1	21	8498545	Posbus 108	Grabouw		7160	Bergendal F	Hoogland P	GRABOUW		GRABOUW	GRABOUW	CALEDON	OVERBERC	THEEWATE	10301010	19.065378	-34.23235	Y		6	R	135
108042212	MBEKWENI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8682188	Posbus 801	MBEKWENI		7626	Pinzi Street	MBEKWENI		7626	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203012	18.992226	-33.68026	N		7	R	924
128330884	MCGREGOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	7	Overberg	4	NQ2	23	6251603	Posbus 46	Mcgregor		6708	Buitekantst	Mcgregor		6708	MCGREGO	MCGREGO	ROBERTSC	CAPE WINI	LANGEBEF	10206005	19.833582	-33.94769	Y		8	R	479
106490237	MEADOWRIDGE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	7	NQ5	21	3761145	Kreupelhou	Lentegeur	MITCHELL'S	7785	Kreupelhou	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.618713	-34.03357	Y		7	R	1,317
132470317	MEIRING PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	1	Westcoast/Winelands	5	NQ3	22	4481393	Posbus 16	Riebeek-Kasteel		7307	Leliestraat 1	Riebeeck-Kasteel		7307	RIEBEEK-K	RIEBEEK-K	MALMESBU	WEST COA	SWARTLAN	10105012	18.91627	-33.38231	Y	5550	9	R	681
100000110	MELKBOS HIGH SCHOOL	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	2	Metro_North	4	NQ5			Otto Du Ple	MELKBOSSTRAND		7441	Otto Du Ple	MELKBOSSTRAND		7441	MELKBOSS	MELKBOSS	MALMESBU	CITY OF CA	CITY OF CA	19100023	18.444036	-33.73001	N		9	8	95
121357375	MELKHOUTFONTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ3	28	7541681	Posbus 855	Melkhoutfor	STILBAAI	6674	Melkhoutfor	Stilbaai		6674	STILBAAI	STILBAAI	RIVERSDA	EDEN	HESSEQUA	10402001	21.408432	-34.33227	Y	3405	9	R	524
107320978	MELTON PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	5	NQ5	21	9041394	Posbus 455	Eersterivier		7100	Daisystraat	Kleinvlei	EERSTERIV	7100	KLEINVLEI	EERSTERIV	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.710554	-33.99011	N		7	R	923
106490245	MERRYDALE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	6	Met_South	2	NQ5	21	3713010	Merrydalela	Lentegeur	MITCHELL'S	7785	Merrydalela	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.60798	-34.03809	N		8	R	1,130
139209234	MERWEVILLE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ5	23	5014003	Posbus 60	Merweville		6940	Kerkstraat	Merweville		6940	MERWEVIL	MERWEVIL	BEAUFORT	CENTRAL K	BEAUFORT	10503007	21.514178	-32.6733	Y		7	1	48
132320773	MEULENHOF PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ3	21	9721781	Pk Philadelp	Bakenstraat	PHILADELF	7304	Bakenstraat	Philadelphia			PHILADELF	MALMESBU	MALMESBU	CITY OF CA	CITY OF CA	19100105	18.584527	-33.66498	Y		7	R	636
107042109	MFULENI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_North	1	NQ3	21	9091601	P O Box 12	Blackheath		7581	443 School	Mfuleni Location			MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100016	18.681585	-34.00652	Y		7	R	1,116
107008031	MFULENI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ3	21	9093305	P.O Box 20	Kuils River		7579	T Tokwana	Extention 6	MFULENI	7100	MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100108	18.67033	-33.98989	Y	1342270	12	8	1,437
133476838	MIDDELDEURVLEI NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	9421243	Posbus 26	Piketberg		7320	Middeldeurv	Piketberg			PIKETBERC	PIKETBERC	PIKETBERC	WEST COA	BERGRIVIE	10103003	18.926518	-32.79439	Y		7	R	82
117337692	MIDDELRIVIER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6162152	Posbus 141	Bonnievale		6730	Farm Midde	Bonnievale		6730	BONNIEVA	BONNIEVA	SWELLENI	CAPE WINI	LANGEBEF	10206008	20.236615	-33.96637	Y		6	R	72
107309296	MIKRO LS	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	6	NQ5	21	9032126	Posbus 53	KUILSRIVIER		7579	Spruitstraat	KUILSRIVIER		7579	KUILSRIVIE	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100011	18.688615	-33.92978	Y		7	R	927
120109288	MILKWOOD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ5	44	6911858	Po Box 48	Mossel Bay		6500	Muir Street	Mossel Bay		6500	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403008	22.154374	-34.18293	Y		7	R	619
103310260	MILNERTON HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ5	21	5512217	Pienaar Roa	Milnerton		7441	Pienaar Roa	Milnerton			MILNERTOI	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100004	18.496813	-33.87177	Y	1341144	12	8	1,075
103309297	MILNERTON PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_North	4	NQ5	21	5522028	Zastron Roa	Milnerton		7441	Zastron Roa	Milnerton		7441	MILNERTOI	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100055	18.499111	-33.87396	Y		7	1	628
102480568	MIMOSA PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6947808	Vlamboomw	BONTEHEU	KAAPSTAD	7764	Vlamboomw	BONTEHEUWEL		7764	BONTEHEU	BELLVILLE	GOODWOC	CITY OF CA	CITY OF CA	19100050	18.54774	-33.95285	N		7	R	576
106008013	MITCHELL HEIGHTS PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	7	Met_South	6	NQ4	21	3973377	C/O Tafelbe	Tafelsig, Mitchells Plain		7785	C/O Tafelbe	Tafelsig, Mitchells Plain		7785	TAFELSIG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100099	18.639496	-34.05382	N		9	R	1,128
106490253	MITCHELL'S PLAIN PRIM	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	6	NQ5	21	3710800	C/O Dagbre	Westridge	MITCHELLS	7785	C/O Dagbre	Westridge	MITCHELLS	7785	WESTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.594035	-34.04624	Y		7	1	1,072
106042307	MKHANYISELI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	4	Met_South	3	NQ2	21	3863454	P O Box 11	Nyanga		7755	Terminus R	Nyanga			NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100037	18.579986	-33.99123	Y		7	R	715
102483508	MODDERDAM SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6947785	Bonteheuwe	Bonteheuwel		7764	Bonteheuwe	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOC	CITY OF CA	CITY OF CA	19100031	18.559985	-33.95603	Y	1321145	12	8	1,149
102042308	MOKONE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	4	Met_Central	3	NQ3	21	6940201	P O Box 23	Langa		7455	Rubusana A	Langa			LANGA	GOODWOC	GOODWOC	CITY OF CA	CITY OF CA	19100053	18.519694	-33.94286	N		8	R	807
121350281	MOLENRIVIER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133512	Posbus645	Riversdal		6670	Novo Rivers	District	RIVERSDALE		RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402007	21.233532	-34.03827	Y		6	1	38
106493368	MONDALE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	1	NQ5	21	3927031	Merrydale A	Portlands	MITCHELLS	7785	Merrydale A	Portlands	MITCHELLS	7785	PORTLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100081	18.616944	-34.05533	Y	1366615	12	8	1,311
106490261	MONTAGU DRIVE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	7	Met_South	2	NQ5	21	3924104	98 Montagu	Portland	MITCHELL'S	7785	98 Montagu	Portland	MITCHELLS PLAIN		PORTLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100081	18.616137	-34.05713	Y		8	R	1,124
127310261	MONTAGU HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	8	Overberg	6	NQ4	23	6141390	Posbus 85	Montagu		6720	Kohlerstraat	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBEF	10206011	20.123738	-33.79331	Y	1318835	12	8	481
127309298	MONTAGU LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ5	23	6141640	Posbus 10	Montagu		6720	Langstraat 5	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBEF	10206007	20.125058	-33.789	Y		7	1	328
105310883	MONTAGU'S GIFT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ4	21	7056767	Ternweg	Grassy Park		7945	Ternweg	Grassy Park			MONTAGU'	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100066	18.503491	-34.03147	N		7	R	510
130310263	MONTANA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	3	NQ5	23	3470476	Posbus 135	WORCESTER		6849	Kluestraat	WORCESTER		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205006	19.446	-33.63117	Y	1318836	12	8	550
102480576	MONTANA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	9341047	Botterbloms	Kalksteenfontein		7490	Botterbloms	Kalksteenfontein		7490	KALKSTEE	BONTEHEU	GOODWOC	CITY OF CA	CITY OF CA	19100031	18.564265	-33.95575	N		7	R	644
102309299	MONTE VISTA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	6	NQ5	21	5584637	Huisinglaan	Monte Vista		7460	Huisinglaan	Monte Vista		7460	MONTE VIS	GOODWOC	GOODWOC	CITY OF CA	CITY OF CA	19100001	18.553408	-33.88219	Y		7	1	752
114336491	MONTEITH SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ1	21	8498552	Posbus 104	Grabouw		7160	Highlandsro	Grabouw			GRABOUW	GRABOUW	CALEDON	OVERBERC	THEEWATE	10301010	19.05456	-34.26512	N		7	P	108
102480975	MONTEVIDEO PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	9348048	P.O. Box 21	Durrheim		7490	School Stre	Montana			MONTANA	BELLVILLE	GOODWOC	CITY OF CA	CITY OF CA	19100031	18.572151	-33.95991	Y		7	R	991
129338761	MONTROUGE VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ2	23	2302554	Posbus 35	Tulbagh		6820	Montrouge	Tulbagh		6820	TULBAGH	TULBAGH	TULBAGH	CAPE WINI	WITZENBE	10202011	19.159457	-33.1991	Y		7	R	234
101310264	MONUMENT PARK HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	2	NQ5	21	9871630	Privaatsak X	Kraaifontein		7569	Dan Kingstr	Kraaifontein			WINDSOR	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100102	18.71382	-33.83877	Y	1334429	12	8	1,092
124350680	MOOI UITSIG PRIM NO.2	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ1	44	2792261	Posbus 362	Oudtshoorn		6620	Plaas 2	Paardebont	MOSSELBAAI PAD		OUDTSHOC	OUDTSHOC	OUDTSHOC	EDEN	OUDTSHOC	10405001	22.029957	-33.78857	Y		6	1	22
126330507	MOOI-UITSIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ5	23	3155820	Posbus 222	CERES		6835	Langstraat	Bella Vista	CERES	6837	BELLA VIS	CERES	CERES	CAPE WINI	WITZENBE	10202006	19.311381	-33.33103	Y		7	R	923
124353329	MORESTER SEK	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ3	44	2724471	Posbus 311	Bridgton	OUDTSHOC	6623	Blackwoods	Bridgton	OUDTSHOC	6625	BRIDGTON	OUDTSHOC	OUDTSHOC	EDEN	OUDTSHOC	10405007	22.21583	-33.59717	Y	1353326	12	8	1,211
105311340	MORGENSON PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6919164	Hanoverpar	HANOVER PARK		7780	Hanoverpar	HANOVER PARK		7780	PENLYN ES	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100046	18.523003	-33.99039	Y		7	R	530
132476870	MORNING STAR NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4923785	Posbus 210	Darling		7345	Darlingweg	Darling			DARLING	DARLING	MALMESBU	WEST COA	SWARTLAN	10105006	18.473985	-33.41706	Y		6	P	68
126330213	MORRISDALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ5	23	3121404	Posbus 608	Ceres		6835	Vosstraat 2	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202005	19.312075	-33.37075	Y	1263302	8	R	996
102042309	MOSHESH PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	4	Met_Central	5	NQ3	21	6941834	PO Box 79	LANGA		7455	Rose Innes	LANGA		7455	LANGA	GOODWOC	GOODWOC	CITY OF CA	CITY OF CA	19100051	18.528039	-33.94137	N	1193	9	R	604
120357057	MOSSELBAAI EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ4	44	6912998	Posbus 234	Mosselbaai		6500	Hydrangela	Uitbreiding	MOSSELBA	6500	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403008	22.12967	-34.1765	Y		7	R	133
115330175	MOUNT PLEASANT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ2	28	3130816	Posbus 94	HERMANUS		7200	Dahliastraat	Mount Plea	HERMANUS	7200	MOUNT PL	HERMANUS	HERMANUS	OVERBERC	OVERSTRA	10302004	19.213419	-34.42127	Y		7	R	757
105313610	MOUNT VIEW SEC.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6921359	P.O. Box 36	HANOVER PARK		7780	Athwood	HANOVER PARK		7780	HANOVER	LANDSDOV	WYNBERG	CITY OF CA	CITY OF CA	19100046	18.524749	-33.98992	Y	1321146	12	8	870
103309300	MOUNTAIN ROAD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4475246	Mountain R	Woodstock		7925	Mountain R	Woodstock		7925	WOODSTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.449028	-33.93338	Y		7	P	675
106042213	MSEKI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	6	NQ3	21	6378981	P O Box 12	Guguletu		7751	Ny 44	Gugulethu		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100041	18.570311	-33.98634	N		7	R	480
105316024	MUHAMMADEYAH MOS PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	6	NQ5	21	7978047	103 Batts R	Wynberg		7800	103 103 Ba	Wynberg		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.475021	-34.01454	Y		7	R	773
104310265	MUIZENBERG HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	5	NQ5	21	7881424	P.O. Box 6	Muizenberg		7950	Dover Road	Muizenberg			MUIZENBE	WYNBERG	SIMONS TC	CITY OF CA	CITY OF CA	19100064	18.476996	-34.09747	Y	1369928	12	8	706
104309301	MUIZENBERG JUNIOR	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	3	NQ5	21	7884118	Main Road	Muizenberg		7945	Main Road	Muizenberg			MUIZENBE	WYNBERG	SIMONS TC	CITY OF CA	CITY OF CA	19100064	18.467459	-34.10402	Y		7	R	555
117330604	MULLERSRUS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	1	Overberg	8	NQ1	28	5123795	Posbus 50	Buffeljagsrivier		6742	Mullersrus	Buffeljagsrivier		6742	SWELLENI	SWELLENI	SWELLENI	OVERBERC	SWELLENI	10304003	20.52952	-34.08286	Y		7	R	295
119353078	MURRAY HIGH SCHOOL	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ2	44	5333193	P.O. Box 15	Plettenberg Bay		6600	Skosana St	Kwanokuthu	PLETTENBI	6600	KWANOKU	PLETTENBI	KNYSNA	EDEN	BITOU	10407006	23.314841	-34.05523	Y	1353328	12	8	887
141112238	MURRAYSBURG HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	49	8440244	Posbus 334	Murraysburg		6995	Graaff-Rein	Murraysburg		6995	MURRAYSI	MURRAYSI	MURRAYSI	CENTRAL K	BEAUFORT	10503001	23.768299	-31.96406	Y	1353329	12	8	591
141440698	MURRAYSBURG PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ1	49	8440089	Posbus 378	MURRAYSBURG		6995	Basson Stre	MURRAYSBURG		6995	MURRAYSI	MURRAYSI	MURRAYSI	CENTRAL K	BEAUFORT	10503001	23.763177	-31.96706	Y		7	R	1,160
106005100	MVULA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_South	3	NQ3	21	3853658	P.O. Box 29	NYANGA		7755	1 Miller Stre	NYANGA		7755	NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100039	18.588958	-33.98685	N		7	P	1,055
106041226	MZAMOMHLE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	1	NQ2	21	3746397	P O Box 21	Durrheim		7491	Sagoloda S	Philippi			PHILLIPI	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100034	18.588887	-34.0058	N		8	R	1,137
106461792	MZAMOMTSHA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ3	21	9010008	P O Box 40	Elonwabeni		7791	49 Valange	Driftsands		7100	DRIFTSANI	KHAYELITS	KUILSRIVIE	CITY OF CA	CITY OF CA	19100019	18.651192	-34.00332	N		7	R	223
118041337	MZOXOLO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	3	NQ2	44	8758662	P.O. Box 24	George		6530	Vuyani Nca	Lawaaikam	GEORGE	6529	LAWAAIKA	GEORGE	GEORGE	EDEN	GEORGE	10404007	22.473965	-33.99289	Y		7	R	1,163
138347264	NAASTDRIFT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2135009	Posbus 103	Vredendal		8160	Naastdrift	Vredendal			VREDEND/	VREDEND/	VREDEND/	WEST COA	MATZIKAM	10101002	18.478461	-31.66319	Y		7	R	187

107328661	NAL'IKAMVA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ3	21	9095648	P.O. Box 51	Extension 6	MFULENI	7105	35 Qumra S	Extension 6	MFULENI	7100	MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100108	18.667216	-33.99396	N		7	R		1,064
106007058	NAL'UXULO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	5	Met_South	2	NQ2	21	3700062	P O Box 38	Gatesville		7766	C/O Helen J	Steve Biko (	WELTEVREDEN VALLE		WELTEVRE	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100033	18.572659	-34.01645	N		7	R		1,193
132470805	NAPHAKADE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4866376	Posbus 103	MALMESBURY		7299	Holomisa S	Lingelethu T	MALMESBU	7300	ILINGE LET	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105009	18.698614	-33.4657	Y		7	R		806
126041106	NDULI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3122879	P O Box 33	Ceres		6835	Chris Hani D	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202001	19.342322	-33.35666	N		7	R		864
101320382	NEBO PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	5	NQ4	21	9326649	Stroebelstra	RAVENSMEAD		7493	Stroebelstra	RAVENSMEAD		7493	RAVENSMI	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.606167	-33.92738	N		7	R		279
105483516	NED DOMAN HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_Central	2	NQ4	21	6965114	Po Box 59	Athlone		7760	St Athans R	Athlone			ATHLONE	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100048	18.508525	-33.96858	N	1321147	12		8	568
108470325	NEDERBURG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8621900	Bo - Solomo	Huguenot	PAARL	7646	Bo - Solomo	Huguenot	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203025	19.00467	-33.72853	Y		7	R		702
124357294	NELSRIVIER VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2412401	Posbus 49	De Rust		6650	Nelsrivier	Le Roux	DE RUST	6650	DE RUST	DE RUST	OUDTSHOO	EDEN	OUDTSHOO	10405011	22.492421	-33.5174	Y		6		1	71
102480584	NERINA PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6941005	Lepelhoutst	Bonteheuwel		7764	Lepelhoutst	Bonteheuwel			BONTEHEU	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100050	18.558225	-33.95087	Y		7	R		782
118008008	NEW DAWN PARK PRIM.	Afrikaans		ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	5	NQ2	44	8781276	Posbus 366	New Dawn	PACALTSD	6534	Proteaweg	New Dawn	PACALTSD	6534	PACALTSD	GEORGE	GEORGE	EDEN	GEORGE	10404016	22.476702	-34.01631	Y		7	R		978
106493554	NEW EISLEBEN SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_South	6	NQ3	21	3867771	P.O. Box 11	CAPE TOWN		8000	Cnr Stulo &	CROSSROADS		7755	NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100036	18.592109	-33.9909	N	1346658	12		8	1,388
108470333	NEW ORLEANS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ3	21	8620420	Wilgerlaan	New Orlean	PAARL	7646	Wilgerlaan	New Orleans		7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203022	18.986257	-33.71802	Y		8	R		523
108473375	NEW ORLEANS SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ3	21	8620900	Suikerbosla	New Orlean	PAARL	7646	Suikerbosla	New Orlean	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203024	18.991929	-33.71529	Y	1317727	12		8	1,512
105480932	NEWFIELDS PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ5	21	6921386	Andrews Ro	Newfields E	ATHLONE	7764	Andrews Ro	Newfields E	ATHLONE		NEWFIELD	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100046	18.535731	-33.98494	N		7	R		416
112470341	NEWTON PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ5	21	8732638	Posbus 809	Mbekweni	PAARL	7646	Valleistraat	Newton	WELLINGT	7655	WELLINGT	WELLINGT	WELLINGT	CAPE WINI	DRAKENST	10203011	19.005354	-33.67412	Y		7	R		973
108321745	NIEUWE DRIFT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8724217	Posbus 730	Noorder-Paarl		7623	Wynkelder	Noorder-Paarl			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203017	18.974117	-33.67975	Y	7766	9	P		665
130338109	NIEUWE MORGEN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3404022	Posbus 759	Worcester		6849	Alfalfa	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205018	19.539448	-33.77323	Y		7	R		159
137340065	NIEUWOUDT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ4	27	2161180	Posbus 3	Klawer		8145	Langstraat	Klawer			KLAWER	KLAWER	VANRHYNS	WEST COA	MATZIKAM	10101006	18.62527	-31.76866	Y	5537	9	R		906
139209238	NIKO BRUMMER PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ5	23	4142507	Posbus 286	Beaufort-Wes		6970	Voortrekker	Beaufort-Wes		6970	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503004	22.59267	-32.3535	Y		7		4	251
106041320	NKAZIMLO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	1	NQ2	21	3675302	P O Box 10	Khayelitsha		7784	Fukutha Str	Town 3 Villa	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100095	18.71066	-34.04929	N		7	R		1,272
128048365	NKQUBELA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7		0	NQ1	23	6261543	33 Mokwen	Nkqubela	ROBERTSO	6705	33 Mokwen	Nkqubela	ROBERTSO	6705	NKQUBELA	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBER	10206002	19.894683	-33.81947	N		6	R		686
106042110	NOBANTU PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	4	NQ3	21	6331591	P. O. Box 1	Guguletu		7751	N Y 89	Gugulethu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100038	18.570093	-33.99574	Y	6661	9	R		607
106460826	NOLUNGILE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	4	NQ2	21	3885539	P O Box 40	Elonwabeni		7791	Jongo Aven	Site C	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100087	18.642921	-34.0137	Y		7	R		1,013
106042111	NOMLINGANISELO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	1	NQ3	21	3850752	P O Box 16	Guguletu		7751	Davids Stre	New Crossroads			NEW CROS	NYANGA	WYNBERG	CITY OF CA	CITY OF CA	19100038	18.575284	-33.9944	N		9	R		901
106041229	NOMSA MAPONGWANA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	6	NQ3	21	3671460	P O Box 34	Khayelitsha		7784	65 65 Winn	Mandela Pa	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100097	18.684813	-34.04523	Y		7	R		1,119
108042116	NONDZAME PRIM. (S.A.)	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	2	NQ1	21	8 741 222	P.O. Box 69	Pniel		7681	Pniel Road	Pniel		7681	PAARL	PAARL	PAARL	CAPE WINI	STELLENB	10204003	18.977106	-33.87052	Y		7	R		80
102480592	NOOITGEDACHT PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	3	Met_North	6	NQ4	21	9346019	Heilbotweg	Bishop Lavis		7490	Heilbotweg	Bishop Lavis			NOOITGED	BISHOP LA	GOODWOO	CITY OF CA	CITY OF CA	19100031	18.586401	-33.9553	Y		8	P		837
108309304	NOORD-EIND PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ5	21	8724237	Suite 55	Posbus X30	PAARL	7646	Hoofstraat	Noorder-Paarl		7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203003	18.960867	-33.70676	Y		7	P		499
108473383	NOORDER-PAARL SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ3	21	8727016	Berlynstraat	Noorder-Paarl		7646	Berlynstraat	Noorder-Paarl			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203019	18.967495	-33.71991	Y	1317728	12		8	1,118
136476889	NOORDHOEK NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	22	9212768	Posbus 96	Citrusdal		7340	Noordhoek	Citrusdal			CITRUSDAI	CITRUSDAI	CLANWILLI	WEST COA	CEDERBEF	10102001	19.06546	-32.71992	Y		6	R		270
134470376	NOORDHOEK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7830481	Posbus 233	Velddrift		7365	Noordhoekv	Laaiplek	VELDDRIF	7365	LAAIPLEK	LAAIPLEK	VREDENBU	WEST COA	BERGRIVIE	10103007	18.161159	-32.76785	Y	5553	9	R		978
105480606	NORMA ROAD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_Central	2	NQ5	21	6376900	Norma Roa	Silvertown	ATHLONE	7764	Norma Roa	Silvertown	ATHLONE	7764	SILVERTOV	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100049	18.524268	-33.96135	N		7	R		599
105310269	NORMAN HENSHILWOOD HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	7	NQ5	21	7978043	Constantia	Constantia		7806	Constantia	Constantia		7806	CONSTANT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.458175	-34.015	Y	1369930	12		8	913
107321915	NORTHPINE PRIMARY SCHOOL.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	6	NQ5	21	9815777	Posbus 96	Brackenfell		7561	Eastwoodry	Northpine	BRACKENF	7561	NORTH PIN	BRACKENF	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.712949	-33.86824	Y		7	R		756
100000108	NORTHPINE TECHNICAL HS	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	2		0	NQ5	21	9820207	PO Box 154	BRACKENFELL		7561	C/O Coetze	NORTHPINE		7560	NORTHPIN	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.708212	-33.87092	N		10		8	302
126336793	NORTHRIDGE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3121803	Northridge F	Posbus 418	CERES	6835	Northridge F	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202012	19.456053	-33.30443	N		6		1	34
101320099	NORTHWAY PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	5	NQ4	21	9313307	Milldenestra	RAVENSMEAD		7493	Milldenestra	RAVENSMEAD		7493	RAVENSMI	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100010	18.607922	-33.91987	Y		7	P		572
106490288	NORTHWOOD PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	7	NQ4	21	3717510	Minerva Roa	Woodlands	MITCHELL'S	7785	Minerva Roa	Woodlands	MITCHELLS PLAIN		WOODLAN	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100075	18.594827	-34.03503	Y		7	R		977
102480614	NORWOOD SENTRAAL PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	4	NQ4	21	9320841	268 Halt Ro	Elsies River		7490	268 Halt Ro	Elsies River		7490	NORWOOD	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100028	18.573182	-33.92677	Y		7	R		674
106008326	NOXOLO XAUKA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	8	NQ2	21	3659900	P O Box 14	Mitchell'S Plain		7789	C/O Tutu Av	Khayelitsha			KHAYELITS	CAPE TOW	MITCHELLS	CITY OF CA	CITY OF CA	19100096	18.711287	-34.04278	N		7		1	1,194
106041219	NTWASAHLOBO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	4	NQ2	21	3615104	P O Box 35	Khayelitsha		7783	1 Bangiso S	Y Section	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100090	18.659525	-34.02797	Y		7	R		744
133476897	NUHOOP NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	9313155	Posbus 217	Porterville		6810	Nuhoop	Porterville		6810	PORTERVII	PORTERVII	PIKETBER	WEST COA	BERGRIVIE	10103001	18.934086	-32.91454	Y		6	R		36
137340391	NUWEFONTEIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	5011066	Posbus 43	Kliprand		8203	Nuwefontei	Hoofweg	KLIPRAND		KLIPRAND	KLIPRAND	VANRHYNS	WEST COA	MATZIKAM	10101008	18.688575	-30.6007	Y		7		1	35
137312234	NUWERUS HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	5	Westcoast/Winelands	9	NQ3	27	6432002	Posbus 2	Nuwerus		8201	Kalossiestra	Nuwerus		8201	NUWERUS	NUWERUS	VANRHYNS	WEST COA	MATZIKAM	10101008	18.361613	-31.15095	Y	1375542	12	R		251
130338222	NUYSTASIE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3421279	Posbus 143	Worcester	WORCEST	6850	Oude Schuu	Nuy		6861	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205018	19.614382	-33.67657	Y		6	R		90
107322482	NYAMEKO PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_North	1	NQ3	21	9095202	P.O. Box 16	BLACKHEATH		7581	Cnr. Tokwa	Extension 4	MFULENI		MFULENI	BLACKHEA	KUILSRIVIE	CITY OF CA	CITY OF CA	19100108	18.671041	-33.99772	Y		7	R		1,226
132476919	O.J. ERASMUS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4813730	P. O. Box 4	Malmesbury		7299	Frahmslaan	Kalbaskraal			KALBASKR	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105007	18.650951	-33.57761	Y		7	R		326
121106203	OAKDALE LANDBOUSKOOL	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ5	28	7132549	Privaatsak X	RIVERSDAL		6670	Ladismithw	RIVERSDAL		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402007	21.24374	-34.07105	Y	1353330	12		8	406
105309306	OAKHURST GIRLS' PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6864404	7 Oakhurst	Rondebosch		7700	7 7 Oakhurs	Rondebosch			RONDEBOS	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100058	18.477845	-33.96667	Y		7	R		240
105313432	OAKLANDS SEK.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	5	NQ5	21	7617302	P.O. Box 36	Glosderry		7702	Chukker Ro	Lansdowne			LANSDOW	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.493575	-33.98986	N	1321148	12		8	1,039
103309307	OBSERVATORY JUNIOR	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4471495	Clifton Terra	Observatory		7925	Clifton Terra	Observatory			OBSERVAT	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.471681	-33.94129	Y		7	R		624
104313491	OCEAN VIEW SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	2	NQ4	21	7831623	Hydra Aven	Ocean View		7975	Hydra Aven	Ocean View			OCEAN VIE	CAPE TOW	SIMONS TO	CITY OF CA	CITY OF CA	19100061	18.349148	-34.14947	Y	1369931	12		8	1,185
121350478	OKER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	2	NQ3	28	7351095	Posbus 74	Albertinia		6695	Rangerstraa	Albertinia		6695	ALBERTINI	ALBERTINI	RIVERSDA	EDEN	HESSEQUA	10402002	21.57607	-34.20455	Y		8	R		698
115309609	OKKIE SMUTS PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	9	NQ4	28	3410611	Posbus 8	Stanford		7210	Kerkstraat 1	Stanford			STANFORD	STANFORD	HERMANUS	OVERBERG	OVERSTRA	10302011	19.45367	-34.4395	Y		7	P		213
110321001	OKLAHOMASTRAAT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	1	Met_East	8	NQ5	21	8571610	Posbus 165	Macassar		7134	Oklahomas	Macassar		7130	MACASSAI	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100109	18.766928	-34.06039	N		7	R		1,114
136312206	OLIFANTSVALLEI PRIM	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ5	22	9212100	Privaatsak X	CITRUSDAL		7340	Mullerstraat	CITRUSDAL		7340	CITRUSDAI	CITRUSDAI	CLANWILLI	WEST COA	CEDERBEF	10102002	19.014841	-32.58773	Y	1375504	7		1	219
125357642	ONGELEGEN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	7631307	Posbus 61	Uniondale		6460	Fairy Brand	Ongelegen	DISTRICT UNIONDALE		UNIONDALI	UNIONDALI	UNIONDALI	EDEN	GEORGE	10404024	23.412688	-33.73689	Y		7		1	79
105316660	ORANJEKLOOF MOR PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	2	Met_South	5	NQ3	21	7903350	Main Road	Hout Bay		7806	C/O Main &	Hout Bay		7806	HOUT BAY	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100074	18.365251	-34.02287	Y		8	R		1,147
130330833	ORCHARD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3548840	Posbus 11	ORCHARD		6870	Sunnyside	ORCHARD		6870	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205004	19.63567	-33.49	Y		8	R		903
108470384	ORLEANSVALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8620310	Duikerlaan	New Orlean	PAARL	7646	Duikerlaan (	New Orlean	PAARL	7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203021	18.998456	-33.71934	Y		7	P		765
106042203	OSCAR MPETHA HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	4	Met_South	2	NQ2	21	3863498	P O Box 10	Guguletu		7751	NO 8 Emms	Nyanga		7755	NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100037	18.583454	-33.99395	N	1366616	12		8	972
105316407	OTTERY ROAD (METH.) PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	6	NQ5	21	7623549	P O Box 18	Wynberg		7800	65 Ottery R	Wynberg		7945	WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.476308	-34.00842	Y		7		1	288
103303206	OUDE MOLEN HTS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	3	NQ5	21	5312108	Private Bag	HOWARD PLACE		7450	Jan Smuts	PINELANDS		7405	PINELAND	CAPE TOW	GOODWOO	CITY OF CA	CITY OF CA	19100053	18.50434	-33.92471	Y	1321149	12		8	575
124110254	OUDTSHOORN HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ5	44	2791623	Posbus 194	OUDTSHOORN		6620	Voortrekker	OUDTSHOORN		6620	OUDTSHO	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405003	22.195275	-33.59347	Y	1353331	12		8	685
124108210	OUDTSHOORN JUNIOR PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ5	44	2722487	Posbus 31	Oudtshoorn		6620	Adderleystra	Oudtshoorn		6625	OUDTSHO	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405003	22.206037	-33.59485	Y		3	R		366
124109293	OUDTSHOORN-NOORD LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	8	NQ5	44	2723946	Posbus 61	Oudtshoorn		6620	Hoopstraat	Oudtshoorn		6625	OUDTSHO	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405007	22.211174	-33.5836	Y		7	P		244
113336068	OUPLAAS EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ1	28	5421160	Posbus 14	Bredasdorp		7280	Ouplaas	Wydgelee	BREDASDO	7282	BREDASDO	BREDASDO	BREDASDO	OVERBERG	SWELLEND	10304003	20.435141	-34.37836	Y		6	R		114
113309309	OUPLAAS LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ5	28	5421326	Posbus 248	Bredasdorp		7280	Wydgelee	Bredasdorp			BREDASDO	BREDASDO	BREDASDO	OVERBERG	SWELLEND	10304003	20.433051	-34.37375	Y		7		1	35
118110257	OUTENIQUA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	5	NQ5	44	8744156	Posbus 181	George		6530	Courtenays	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404005	22.467527	-33.95903	Y	1353334	12		8	1,608
118109294	OUTENIQUA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	5	NQ5	44	8732292	Posbus 108	George		6530	Cathedralst	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404019	22.4625	-33.959	Y		7		4	806
106493503	OVAL NORTH SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	5	NQ4	21	3761067	Oval North I	Beacon Val	MITCHELL'S	7785	Oval North I	Beacon Val	MITCHELLS PLAIN		BEACON V	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100099	18.631496	-34.03718	Y	1366617	12		8	1,121
114310270	OVERBERG HS	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ5	28	2123083	Posbus 183	CALEDON		7230	Venterweg	CALEDON		7230	CALEDON	CALEDON	CALEDON	OVERBERG	THEEWATE	10301004	19.425665	-34.22591	Y	1388839	12		8	534
114309310	OVERBERG LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ5	28	2141590	Posbus 186	Caledon		7230	Laingstraat	Caledon	OVERBERG	7230	CALEDON	CALEDON	CALEDON	OVERBERG	THEEWATE	10301004	19.421576	-34.22512	Y		7		1	456
130338249	OVERHEX NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	3421231	Posbus 1	Overhex		6859	Nooitgedacl	Overhex	WORCESTER		WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205018	19.54367	-33.66417	Y		7	R		348
109470244	P.C. PETERSEN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ3	21	8851616	Posbus 406	Kylemore	GOUSBLOM	7600	Gousbloms	Kylemore			KYLEMORE	STELLENB	STELLENB	CAPE WINI	STELLENB	10204004	18.953817	-33.92325	N		7	R		458
124350540	P.J. BADENHORST PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2516684	Posbus 18	Dysselsdorp		6628	Dysselsweg	Dysselsdorp		6628	DYSSELSD	DYSSELSD	OUDTSHO	EDEN	OUDTSHO	10405010	22.431009	-33.57435	Y		7	R		1,042
130041110	P.J.B. CONA PRIM.	Xhosa	English	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	5	NQ1	23	3451434	Po Box 109	Worcester		6849	850 Mayinja	Zweletemba	WORCEST	6850	ZWELETEN	WORCEST	WORCEST	CAPE WINI	BREEDE V	10205008	19.487136	-33.6479	N		3	R		685
118103202	P.W. BOTHA KOLLEGE	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ5	44	8744166	Privaatsak X	George		6530	Uniestraat	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404023	22.447809	-33.97356	Y	1353341	12		8	813
136470465	P.W. DE BRUIN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	4	Westcoast/Winelands	8	NQ4	27	4321012	Posbus 40	Lambertsbaai		8130	Petersenstr	Lambertsbaai			LAMBERT'S	LAMBERT'S	CLANWILLI	WEST COA	CEDERBEF	10102005	18.3094	-32.09502	Y	5555	9	R		793
126336777	PAARDEKLOOF NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3133288	Posbus 237	Ceres		6835	Paardekloo	Ceres		6835	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202010	19.254417	-33.2616	Y		8	R		199
136476943	PAARDEKOP NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	4	Westcoast/Winelands	8	NQ1	22	9213981	Posbus 90	Citrusdal		7340	Nuwedam F	Citrusdal			CITRUSDAI	CITRUSDAI	CLANWILLI	WEST COA	CEDERBEF	10102001	18.938961	-32.60287	Y		6	R		204
108309311	PAARL BOYS' PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8724651	P.O. Box 14	Paarl		7622	Devine Stre	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203004	18.965004	-33.7398	Y		7	R		466
108312236	PAARL GIRLS HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8721730	P O Box 50	Paarl		7622	Hoogstraat	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203004	18.959487	-33.74435	Y	1317729	12	P		729
108470392	PAARLZICHT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8622300	Lantanastra	Paarl-Oos		7646	Lantanastra	Paarl-Oos			PAARL	PAARL	PAARL	CAPE WINI	DRAKENST	10203021	18.993905	-33.72631	Y		7	R		1,074
118350206	PACALTSDORP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	5	NQ4	44	8782019	Posbus 16	Pacaltsdorp		6534	Missionstra	Pacaltsdorp		6534	PACALTSD	PACALTSD	GEORGE	EDEN	GEORGE	10404014	22.463212	-34.01805	Y		7		1	1,199
118353345	PACALTSDORP SEK.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	5	NQ4	44	8782500	Posbus 47	Pacaltsdorp		6534	Beachweg 1	Pacaltsdorp		6529	PACALTSD	PACALTSD	GEORGE	EDEN	GEORGE	10404014	22.45133	-34.00983	Y	1353335	12		8	1,159
107322393	PALM PARK PRIM	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	1	NQ5	21	9045794	Posbus 116	Melton Ros	EERSTERIV	7100	Hartogstraa	Melton Ros	EERSTERIVER		EERSTERIV	EERSTERIV	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.720044	-33.99559	Y		7	R		1,163
121357502	PALMIETRIVIER VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133342	Posbus 468	Riversdal		6670	P/A K. Van	Palmietrivie	RIVERSDAI	6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402006	21.312168	-34.0744	Y		6	R		49
101309312	PANORAMA LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	5	NQ5	21	5587337	Malmesbury	WELGELEGEN		7500	Malmesbury	WELGELEGEN		7500	WELGELE	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100001	18.570139	-33.87437	Y		7	R		1,510
121350095	PANORAMA PRIM. (RIVERSDAL)	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ3	28	7131086	Posbus 26	Riversdal		6670	Solomonstr	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402006	21.259779	-34.09366	Y		7	P		1,211
134470406	PANORAMA PRIM. (VREDENBURG)	Par: Afr/Xhosa	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7131360	Posbus 111	Vredenburg		7380	Sesdestraat	Louwville	VREDENBURG		LOUWVILL	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104010	17.99848	-32.91841	Y		8	P		1,199
110310273	PAREL VALLEI HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	8	NQ5	21	8521228	P O Box 40	Somerset West		7129	95 Parel Va	Somerset West			SOMERSET	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100084	18.857374	-34.06655	Y	1337731	12		8	1,161
120109295	PARK LS. MOSSELBAAI	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ5	44	6911020	Posbus 96	MOSSELBAAI		6500	Kaapweg 4	MOSSELBAAI		6500	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403008	22.139111	-34.18455	Y		7	P		679
101320900	PARKDENE PRIM. (Bellville)	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	6	NQ5	21	9881831	Posbus 803	Eikefontein	KRAAIFON	7571	Parklaan	Scottsdene	KRAAIFON	7570	SCOTTSDE	KRAAIFON	KUILSRIVIE	CITY OF CA	CITY OF CA	19100007	18.724108	-33.85962	Y		7	R		1,297
118350656	PARKDENE PRIM. (George)	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	4	NQ3	44	8758562	Posbus 357	George Industria		6536	Ballotstraat	Parkdene	GEORGE	6529	PARKDENE	GEORGE	GEORGE	EDEN	GEORGE	10404008	22.484352	-33.99051	Y		7	R		1,522
118353426	PARKDENE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ3	44	8759457	Posbus 324	George-Industria		6536	Ballotstraat	Parkdene	GEORGE		PARKDENE	GEORGE	GEORGE	EDEN	GEORGE	10404007	22.482443	-33.98963	Y	1353337	12		8	1,427
105311146	PARKFIELDS PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6921428	Lansburg R	Hanover Park		7764	Lansburg R	Hanover Park			HANOVER	LANDSDOV	WYNBERG	CITY OF CA	CITY OF CA	19100047	18.535738	-33.98923	Y		7	R		767
106490318	PARKHURST PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	6	NQ5	21	3718910	Park And S	Westridge	MITCHELLS	7785	Park And S	Westridge	MITCHELLS	7785	WESTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.599473	-34.04906	Y		7	R		1,198
102480487	PARKVALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	3	Met_North	6	NQ4	21	9345693	Johannesst	Valhalla Park		7490	Johannesst	Valhalla Park		7490	VALHALLA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100031	18.570889	-33.95623	Y		7	R		1,073
132470414	PARKVIEW PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ4	21	5723535	Posbus 301	Reygersdal		7352	Palmerlaan	Atlantis			ATLANTIS	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100029	18.488462	-33.56631	Y		7	R		851
105310522	PARKWOOD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	4	NQ4	21	7056151	Acaciaweg	Parkwood-L	SOUTHFIEL	7941	Acaciaweg	Parkwood-L	SOUTHFIEL	7941	PARKWOO	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100066	18.499353	-34.02973	N		7	R		455







114330078	SWARTBERG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ3	28	2121927	Posbus 252	Caledon		7230	Vyfdelaan 1	Bergsig	CALEDON	7230	BERGSIG	CALEDON	CALEDON	OVERBER	THEEWATE	10301003	19.436111	-34.24349	Y		7	R	1,062
114333336	SWARTBERG SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ3	28	2121470	Posbus 227	Caledon		7230	Koalisiestra	Bergsig	CALEDON		BERGSIG	CALEDON	CALEDON	OVERBER	THEEWATE	10301003	19.444498	-34.24664	Y	1388846	12	8	647
121358428	SWARTHEUWEL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	7133440	Darlingstraa	Riversdal		6670	Die Prinsipa	Swartheuwe	DISTRIK RIVERSDAL		RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402003	21.173789	-34.22192	Y		6	1	35
132310302	SWARTLAND HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	1	Westcoast/Winelands	5	NQ5	22	4821469	Posbus 253	Malmesbury		7299	Dirkie Uyss	Malmesbury		7300	MALMESBU	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105010	18.732925	-33.45627	Y	1375522	12	8	733
132309349	SWARTLAND LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ5	22	4822251	Posbus 140	MALMESBURY		7299	St. Thomas	MALMESBURY			MALMESBU	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105008	18.726651	-33.46288	Y		7	P	1,015
105309352	SWEET VALLEY PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	1	NQ5	21	7123081	100 Dreyers	Bergvliet	CAPE TOW	7945	100 Dreyers	Bergvliet	CAPE TOW	7945	BERGVLIET	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.450109	-34.04291	Y		7	R	914
117310305	SWELLENDAM HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	1	Overberg	8	NQ5	28	5141361	Posbus 141	SWELLENDAM		6740	Buitekantstr	SWELLENDAM		6740	SWELLEND	SWELLEND	SWELLEND	OVERBER	SWELLEND	10304001	20.436665	-34.02209	Y	1388847	12	8	365
117309353	SWELLENDAM LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ5	28	5141347	Posbus 307	Swellendam		6740	Fairbainstra	Swellendam		6740	SWELLEND	SWELLEND	SWELLEND	OVERBER	SWELLEND	10304001	20.444219	-34.02575	Y		7	1	488
117333417	SWELLENDAM SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	1	Overberg	8	NQ3	28	5142257	Posbus 335	Swellendam		6740	Ringstraat	Swellendam		6740	SWELLEND	SWELLEND	SWELLEND	OVERBER	SWELLEND	10304005	20.445171	-34.04078	Y	1388848	12	8	1,041
101321729	SYMPHONY PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_North	1	NQ4	21	9521170	Posbus 100	Belhar	CAPE TOW	7507	Organstraat	Belhar	CAPE TOW	7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.632124	-33.9492	Y		7	R	818
101323659	SYMPHONY SEK.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ4	21	9521140	Posbus 101	Belhar		7507	Symphonyw	Belhar		7507	BELHAR	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100022	18.632777	-33.94426	Y	1342236	12	8	776
120350664	T.M. NDANDA PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ2	44	6930517	P.O. Box 78	Mossel Bay		6500	1 F. Sam St	Joe Slovo L	MOSSEL B.	6506	MOSSEL B.	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403012	22.114263	-34.16815	N		7	R	452
103310307	TABLE VIEW HS.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ5	21	5573602	Janssens A	Table View		7441	Janssens A	Table View		7441	TABLE VIE	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100107	18.498277	-33.83116	Y	1341164	12	8	1,062
103309356	TABLE VIEW PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ5	21	5576143	P.O.Box 17	Table View		7439	Fairway	Table View		7441	TABLE VIE	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100004	18.513728	-33.83444	Y		7	1	1,393
106490296	TAFELSIG PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	5	NQ4	21	3976040	Olifantshoel	Tafelsig	MITCHELLS	7785	Olifantshoel	Tafelsig	MITCHELLS	7785	TAFELSIG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100082	18.637762	-34.05902	Y		7	R	1,223
106493414	TAFELSIG SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	3	NQ4	21	3976031	H/V Spine &	Tafelsig	MITCHELL'S	7785	H/V Spine &	Tafelsig	MITCHELLS PLAIN		TAFELSIG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100082	18.634485	-34.05501	Y	1366632	12	8	1,343
128337420	TALANA NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6141545	Posbus 487	Montagu		6720	1 Talana	Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINI	LANGEBER	10206007	20.260218	-33.82964	Y		6	R	42
105480746	TALFALAH PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_Central	4	NQ4	21	6910352	C/O Fourth	Sherwood P	MANENBER	7764	C/O Fourth	Sherwood Park			SHERWOO	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100042	18.556613	-33.99995	Y		7	R	1,063
103309357	TAMBOERSKLOOF PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4236338	Belle Ombr	Tamboerskloof		8001	Belle Ombr	Tamboerskloof			TAMBOERS	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100077	18.405529	-33.93076	Y		7	R	442
126338893	TANDFONTEIN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3171921	Posbus 42	Koue Bokkeveld		6836	Tandfontein	Koue Bokkeveld		6836	CERES	CERES	CERES	CAPE WINI	WITZENBE	10202009	19.250128	-32.76722	Y		7	1	135
111320307	TEMPERANCE TOWN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	7	NQ4	21	8561548	Appollostraa	Temperance	GORDONS	7150	Appollostraa	Temperance	GORDONSBAAI		GORDONS	GORDONS	STRAND	CITY OF CA	CITY OF CA	19100100	18.882956	-34.15324	N		7	R	691
139360155	TESKE GEDENK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4142665	Posbus 717	Nieuveld	BEAUFORT	6970	De Klerklaa	Newtown	BEAUFORT	6970	BEAUFORT	BEAUFORT	BEAUFORT	CENTRAL K	BEAUFORT	10503005	22.577991	-32.35913	Y		7	R	596
114330264	TESLAARSDAL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ1	28	2122530	Posbus 399	Teslaarsdal	CALEDON	7230	Skoolstraat	Teslaarsdal	CALEDON		CALEDON	CALEDON	CALEDON	OVERBER	THEEWATE	10301004	19.527927	-34.37641	Y		7	R	110
105041120	THANDOKHULU SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	2	NQ4	21	6867823	P O Box 13	Mowbray		7705	C/O Main &	Mowbray		7700	MOWBRAY	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100057	18.471174	-33.94567	N	1329953	12	8	1,164
119350435	THE CRAGS PRIM.	Par: Afr/Xhosa	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ2	44	5348840	Posbus 49	The Crags		6602	Skoolstraat	Kurland Wo	THE CRAGS		PLETTENB	PLETTENB	KNYSNA	EDEN	BITOU	10407001	23.493	-33.948	Y	3358	9	R	663
114336513	THE GLEBE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	7	NQ3	28	2121593	Posbus 143	Caledon		7230	Kerkstraat	Middleton	CALEDON		MIDDLETO	CALEDON	CALEDON	OVERBER	THEEWATE	10301003	19.45626	-34.22562	Y		7	1	98
107322334	THE HAGUE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	6	NQ3	21	9561123	Posbus 305	Delft		7102	The Hague	The Hague,Delft		7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100013	18.639051	-33.95834	Y		7	R	1,241
102309320	THE PINELANDS PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	2	NQ5	21	5313674	10 Central S	Pinelands		7405	10 Central S	Pinelands		7460	PINELANDS	CAPE TOW	GOODWOO	CITY OF CA	CITY OF CA	19100053	18.498601	-33.93713	Y		7	R	458
101310308	THE SETTLERS HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_North	3	NQ5	21	9486116	P.O. Box 59	Bellville		7535	Settlers Stre	Off Mike Pie	BELLVILLE		BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.607752	-33.89731	Y	1342237	12	8	1,230
101321990	THE VALLEY PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	2	NQ3	21	9134985	Posbus 431	Tygervallei		7536	Tygerbergva	Altydgedach	KENRIDGE	7550	KENRIDGE	DURBANVI	BELLVILLE	CITY OF CA	CITY OF CA	19100070	18.627341	-33.85133	Y		6	R	181
118353485	THEMBALETHU SEC.	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	4	NQ2	44	8809180	P. O. Box 3	George Industria		6536	Qhawa Stre	Thembaleth	GEORGE		THEMBALE	GEORGE	GEORGE	EDEN	GEORGE	10404015	22.474632	-34.00088	Y	1353306	12	8	1,478
118325686	THEMBALETU PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	4	NQ2			P.O. Box 90	George		6530	197 Sandkr	Thembaleth	GEORGE	6530	THEMBALE	GEORGE	GEORGE	EDEN	GEORGE	10404011	22.507742	-34.00949	N		7	R	1,414
102042312	THEMBANI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	4	Met_Central	5	NQ3	21	6941829	Thembani F	Lerotholi Ro	LANGA	7455	Lerotholi Ro	Langa			LANGA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100051	18.526125	-33.9427	N		8	R	863
103313947	THEMBELIHLE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	6	NQ2	21	3642144	P O Box 38	Cape Town		8000	Govan Mbel	Town 2	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100097	18.677005	-34.0408	N	1331166	12	8	886
119041307	THEMBELITSHA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ2	44	3827144	P.O. Box 17	Knysna		6570	5 Concordia	Knysna	CONCORD	6570	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408008	23.084938	-34.02807	Y		7	R	1,107
105310360	THOMAS WILDSCHUTT JUN. PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	3	NQ4	21	7154720	Second Ave	Retreat		7945	Second Ave	Retreat			RETREAT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100072	18.468147	-34.05645	Y		3	R	455
105310875	THOMAS WILDSCHUTT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	3	NQ4	21	7122042	Fifth Avenu	Retreat		7945	Fifth Avenu	Retreat		7945	RETREAT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100072	18.470443	-34.05512	Y		7	4	455
102309358	THORNTON PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	1	NQ5	21	5341769	P O Box 10	Eppindust		7475	23 Manatok	Thornton			THORNTON	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100053	18.537012	-33.92302	Y		7	R	494
105480819	THORNTONWEG PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_Central	2	NQ4	21	6971938	204 Thornto	Crawford		7764	204 Thornto	Crawford			CRAWFOR	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100048	18.511359	-33.97908	N		7	R	231
105309359	TIMOUR HALL PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	3	NQ5	21	7621161	Timour Hall	PLUMSTEAD		7800	Timour Hall	PLUMSTEAD		7800	PLUMSTEA	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.466293	-34.01921	Y		7	R	698
110327360	TONKO BOSMAN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ2	21	8553096	Posbus 25	Firgrove		7110	Stellenbosc	Somerset-Wes			SOMERSET	SOMERSET	SOMERSET	CAPE WINI	STELLENB	10204020	18.823928	-34.03146	N		6	1	29
101309360	TOTIUS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	1	NQ5	21	9483944	Bostonstraa	Boston	BELLVILLE	7530	Bostonstraa	Boston	BELLVILLE		BOSTON	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.624505	-33.89481	Y		7	P	528
118358177	TOUWSRANTEN VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ1	44	8501570	Touwsrante	Pk Hoekwil		6538	Adonisstraa	Touwsrante	PK HOEKW	6538	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404004	22.617398	-33.95635	Y		7	R	336
130309361	TOUWSRIVIER LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3581057	Posbus 28	TOUWSRIVIER		6880	Suidstraat	TOUWSRIVIER		6880	TOUWSRIV	TOUWSRIV	WORCEST	CAPE WINI	BREEDE V.	10205001	20.03417	-33.34283	Y		7	R	738
123350028	TOWERKOP PRIM	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ4	28	5511309	Posbus 362	LADISMITH		6655	Raubenheir	Nissenville	LADISMITH	6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAN	10401001	21.27667	-33.498	Y		9	R	1,138
103313335	TRAFALGAR SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4652969	Birchington	Cape Town		8001	Birchington	Cape Town			CAPE CEN	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.428216	-33.93318	Y	1321167	12	8	728
138347167	TRAWAL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2161405	Posbus 58	Klawer		8145	Middelplaas	Trawal		8147	KLAWER	KLAWER	VREDENDA	WEST COA	MATZIKAMA	10101006	18.635678	-31.88584	Y		6	R	105
101327956	TREVOR MANUEL PRIM.	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	2	Met_North	2	NQ1	21	9761717	Posbus 552	Durbanville		7551	1154 Sierra	Fisantekraa	DURBANVILLE		DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100105	18.718774	-33.78204	Y	2263	9	1	1,340
129312252	TULBAGH HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	5	Overberg	2	NQ5	23	2301091	Posbus 90	Tulbagh		6820	Markstraat	Tulbagh		6820	TULBAGH	TULBAGH	TULBAGH	CAPE WINI	WITZENBE	10202011	19.141087	-33.284	Y	1318850	12	R	334
105480827	TURFHALL PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	2	NQ5	21	6919922	Penlyn Ave	Penlyn Estate		7780	Penlyn Ave	Penlyn Estate		7780	PENLYN ES	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100048	18.518863	-33.98349	Y		7	1	1,151
107322105	TUSCANY GLEN PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	3	NQ5	21	9091121	Posbus 162	Eersterivier		7103	18 Vikingstr	Tuscany Gle	EERSTERI	7100	TUSCANY	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.70428	-34.00059	Y		7	R	1,074
107323187	TUSCANY GLEN SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	3	NQ5	21	9093239	P.O. Box 48	EERSTE RIVER		7100	Vanguard R	Tuscany Gle	EERSTE RI	7100	EERSTERI	EERSTERI	KUILSRIVIE	CITY OF CA	CITY OF CA	19100017	18.699754	-34.00175	N	1334483	12	8	1,006
129338788	TWEE JONGE GEZELLEN VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ2	23	2300713	Posbus 116	Tulbagh	TWEE JON	6820	Twee Jonge	Tulbagh		6820	TULBAGH	TULBAGH	TULBAGH	CAPE WINI	WITZENBE	10202011	19.115152	-33.23505	Y		7	R	217
101310310	TYGERBERG HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	5	NQ5	21	9392023	Fairfieldweg	Parow		7500	Fairfieldweg	Parow		7500	FAIRFIELD	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.594447	-33.8933	Y	1342238	12	8	977
103309363	TYGERHOF PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_North	4	NQ4	21	5523300	Posbus 178	Milnerton		7435	Valentynstra	Milnerton			MILNERTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100055	18.500247	-33.89025	Y		7	R	592
102480835	TYGERSIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	5	NQ3	21	9312466	Uitsig Aven	Uitsig		7493	Uitsig Aven	Uitsig		7493	UITSIG	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100025	18.597673	-33.93515	Y		7	R	666
118041330	TYHOLORA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ1	44	8801369	P.O. Box 21	George		6530	Sandkraal F	Thembaleth	GEORGE	6529	THEMBALE	GEORGE	GEORGE	EDEN	GEORGE	10404009	22.49151	-34.00693	N		7	R	1,416
114309364	UITKYK LS	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	3	Overberg	10	NQ5	28	2549605	Posbus 9	Greyton		7233	Parkstraat 1	Greyton			GREYTON	GREYTON	CALEDON	OVERBER	THEEWATE	10301002	19.606408	-34.04811	Y		7	1	85
138347108	UITKYK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ2	27	2171080	Posbus 87	Lutzville		8165	Suikerhoek	Lutzville		8165	LUTZVILLE	LUTZVILLE	VREDENDA	WEST COA	MATZIKAMA	10101001	18.343002	-31.55332	Y	5541	9	R	828
128337587	UITNOOD NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6262534	Posbus 61	Robertson		6705	Uitnood	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBER	10206005	19.887063	-33.86407	Y		7	R	113
102480843	UITSIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	5	NQ3	21	9327631	Uitsiglaan	Uitsig		7490	Uitsiglaan	Uitsig			UITSIG	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100025	18.599375	-33.93747	Y		7	R	709
117337749	UITVLUG VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ1	28	5143276	Posbus 395	Swellendam		6740	Uitvlug	Swellendam		6740	SWELLEND	SWELLEND	SWELLEND	OVERBER	SWELLEND	10304001	20.243479	-34.19411	Y		6	1	32
124358541	UITVLUGT UCC PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2133011	Posbus 117	OUDTSHOORN		6620	Warmbad S	Uitvlugt	OUDTSHOO	6620	OUDTSHOO	OUDTSHOO	CALITZDOR	EDEN	KANNALAN	10401002	21.906929	-33.64202	Y		7	R	69
102483567	UITZIG SEK.	Afrikaans	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	5	NQ3	21	9312487	Jakarandala	Uitsig		7493	Jakarandala	Uitsig		7493	UITSIG	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100025	18.597946	-33.93401	Y	1342240	12	8	545
104041331	UKHANYO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	2	NQ2	21	7852442	P O Box 50	Masiphume	FISH HOEK	7975	64 Pokela F	Masiphume	SUNNYDAL	7975	MASIPHUM	SUNNYDAL	SIMONS TO	CITY OF CA	CITY OF CA	19100069	18.379885	-34.1289	Y		7	R	1,381
106041212	UMMANGALISO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	3	Met_East	1	NQ2	21	3613641	P .O. Box 1	Khayelitsha		7784	T 617 Bang	T617	SITE B KHA	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100091	18.657726	-34.02398	N		7	R	1,100
111041228	UMNQOPHISO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	6	Met_East	8	NQ2	21	8458113	P O Box 31	Somerset West		7129	Nonkqubela	Lwandle	STRAND		LWANDLE	STRAND	STRAND	CITY OF CA	CITY OF CA	19100086	18.861132	-34.12247	N		7	R	1,295
106041328	UMTHAWELANGA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	5	Met_East	5	NQ3	21	3618763	P O Box 37	Khayelitsha		7784	Thokozi Roa	Ekuphumle	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.671804	-34.04329	N		7	1	948
114041326	UMYEZO WAMA APILE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Combined School	OVERBERG	2	Overberg	7	NQ1	21	8595221	P O Box 60	GRABOUW		7160	Escom Buil	Old Cape R	GRABOUW	7160	GRABOUW	GRABOUW	CALEDON	OVERBER	THEEWATE	10301012	18.987196	-34.1604	N	1388914	12	R	1,903
125112257	UNIONDALE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ4	44	7521033	Posbus 32	UNIONDALE		6460	Victoriastraa	UNIONDALE		6460	UNIONDAL	UNIONDAL	UNIONDAL	EDEN	GEORGE	10404025	23.123859	-33.65671	Y	1353345	12	1	343
137347159	URIONSKRAAL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2191258	Posbus 185	Van Rhynsdorp		8170	Urionskraal	Vanrhynsdorp			VAN RHYN	VAN RHYN	VANRHYNS	WEST COA	MATZIKAMA	10101007	18.862953	-31.66057	Y		6	1	35
103323926	USASAZO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	4	NQ2	21	3641695	P.O. Box 40	Elonwabeni		7791	Bangiso Dri	Y Section S	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100091	18.6585	-34.0258	N	1331168	12	8	1,304
106041339	UXOLO HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	5	NQ3	21	3673706	P O Box 27	Khayelitsha		7784	Bathandwa	20 Section	MANDELA PARK		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100094	18.6812	-34.04912	N	1334437	12	8	1,100
132477486	VAATJIE MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ2	21	9721735	Posbus 106	Mamre		7347	Ou Mamre-I	Philadelphia			PHILADELP	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100032	18.50609	-33.66975	Y		7	R	187
102480851	VALHALLA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	4	NQ4	21	5922003	Midseaweg	Elsiesrivier		7490	Midseaweg	Elsiesrivier			VALHALLA	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100026	18.561634	-33.9155	Y		7	R	1,029
102483575	VALHALLA SEK	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	4	NQ4	21	9320116	Newstraat	Elsiesrivier		7490	Newstraat 1	Elsiesrivier			VALHALLA	ELSIES RIV	GOODWOO	CITY OF CA	CITY OF CA	19100030	18.563023	-33.92001	N	1342241	12	8	387
102480479	VALPARK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	6	Met_North	6	NQ4	21	9344414	Paulusstraa	Valhalla Pa	BELLVILLE	7490	Paulusstraa	Valhalla Park		7490	VALHALLA	BELLVILLE	GOODWOO	CITY OF CA	CITY OF CA	19100030	18.572151	-33.95226	N		7	R	305
130041107	VAN CUTSEM COMBINED SCHOOL	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3562797	PO Box 19	De Doorns		6875	N 1 Nationa	De Doorns		6875	DE DOORN	DE DOORN	WORCEST	CAPE WINI	BREEDE V.	10205003	19.678919	-33.48057	N	1318851	12	R	1,152
118109333	VAN DER HOVEN LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ5	44	8760133	Posbus 561	George		6530	Sinksabrug	George		6530	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404022	22.288404	-34.00053	Y		7	1	53
124109334	VAN REEDE LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ5	44	2722845	Posbus 60	Oudtshoorn		6620	Hoogstraat	Oudtshoorn		6620	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405003	22.204777	-33.59532	Y		7	4	390
132309366	VAN RIEBEECKSTRAND LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	4	NQ5	21	5533409	Dromedaris	Melkbosstrand		7441	Dromedaris	Melkbosstrand		7441	MELKBOSS	CAPE TOW	MALMESBU	CITY OF CA	CITY OF CA	19100023	18.445342	-33.70552	Y		7	1	1,015
123356948	VAN WYKSDORP PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5812308	Posbus 47	Van Wyksdorp		6690	Skoolstraat	Van Wyksd	VAN WYKS	6690	VANWYKS	VANWYKS	LADISMITH	EDEN	KANNALAN	10401004	21.462836	-33.74587	Y		7	R	172
105480878	VANGUARD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6371207	Doman Roa	Vanguard E	ATHLONE	7764	Doman Roa	Vanguard E	ATHLONE		VANGUARD	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100044	18.543875	-33.96759	Y		7	R	817
137312254	VANRHYNSDORP HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2191010	Posbus 37	VAN RHYNSDORP		8170	Skoolstraat	VAN RHYNSDORP		8170	VAN RHYN	VAN RHYN	VANRHYNS	WEST COA	MATZIKAMA	10101007	18.737919	-31.60701	Y	1375523	12	R	378
133312257	VELDDRIF HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7830028	Posbus 32	Velddrif		7365	H/V Voortre	Velddrif			VELDDRIF	VELDDRIF	VREDENBU	WEST COA	BERGRIVIE	10103007	18.1706	-32.7855	Y	1375524	12	R	413
124358487	VERGELEGEN VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ1	44	2724417	Posbus 311	Bridgton	OUDTSHOO	6623	Mothstraat	Colridge Uit	OUDTSHOO	6620	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405011	22.353321	-33.48486	Y		6	1	18
138347248	VERGENOEG RK PRIM.	Par: Afr/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2132232	Posbus 60	Vredendal		8160	Buitekantstraat		VREDENDA	8160	VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAMA	10101003	18.529364	-31.6344	Y		7	R	856
107322245	VERGENOEGD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	6	NQ4	21	9541244	Posbus 306	Voorbrug	DELFT	7100	Vergenoegd	Voorbrug	DELFT		DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100020	18.648014	-33.96649	Y		7	R	1,262
128330620	VERGESIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	7	Overberg	6	NQ3	23	6263839	Posbus 337		ROBERTSO	6705	Jasmynstra	Panorama	ROBERTSO	6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBER	10206003	19.898594	-33.79302	Y		8	R	888
130330469	VICTORIAPARK PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	4	NQ4	23	3420770	Posbus 617	WORCESTER		6849	Rainierstraa	Victoriapark	WORCEST	6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205014	19.441043	-33.65967	Y		7	R	1,190
114333077	VILLIERSDORP SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ3	28	8401079	P.O Box 34	VILLIERSDORP		6848	Serruria Str	VILLIERSDORP		6848	VILLIERSD	VILLIERSD	CALEDON	OVERBER	THEEWATE	10301005	19.281339	-33.9863	Y	1388852	12	8	785
128330280	VINKRIVIER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6263484	Posbus 499	Robertson		6705	Vinkrivier	Langvlei	ROBERTSON		ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINI	LANGEBER	10206006	19.775564	-33.74921	Y		6	R	73
101327972	VISSERSHOK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ3	21	9721986	Posbus 163	Durbanville		7550	H/V Vissers	Contermans	DURBANVI	7551	DURBANVI	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100105	18.585898	-33.78602	N		7	R	487
103313416	VISTA HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4247430	P.O.Box 15	Vlaeberg		8018	Military Roa	Cape Town			CAPE CEN	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100077	18.409865	-33.92383	Y	1321169	12	8	564
124356239	VLAKTEPLAAS UCC PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ1	44	2412199	Posbus 192	De Rust		6650	Vlakteplaas	De Rust		6650	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405011	22.701708	-33.49577	Y		7	1	102
120356565	VLEESBAAI NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	2	NQ1	44	6991148	Posbus 865	Da Gamaskop		6501	Misguns	Vleesbaai	MOSSELBA	6500	MOSSELBA	MOSSEL B.	MOSSEL B.	EDEN	MOSSEL B.	10403007	21.913633	-34.29722	Y		6	1	24
117337854	VLEIPLAAS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ1	28	5721063	Posbus 58	Barrydale		6750	Vleiplaas	Pk Barrydale		6750	BARRYDAL	BARRYDAL	SWELLEND	OVERBER	SWELLEND	10304002	20.583181	-33.9232	N		6	1	30
109321893	VLOTTENBURG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8813209	Pk Vlottenb	Vlottenburg		7604	Vlottenburg	Vlottenburg	STELLENBOSCH		STELLENB	STELLENB	STELLENB	CAPE WINI	STELLENB	10204020	18.797036	-33.95571	N		7	P	376
124357200	VOLMOED PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ1	44	2727642	Highgatewe	Volmoed	OUDTSHOO	6631	Highgatewe	Volmoed	OUDTSHOORN		OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405012	22.088566	-33.65656	Y		8	R	305
121109342	VOLSCHENK LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ5	28	7131064	Posbus 477	RIVERSDAL		6670	Wardenstra	RIVERSDAL		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402007	21.25714	-34.09019	Y		7	1	361
116337242	VONDELING NAK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ1	28	5371403	Posbus 56	Witsand		6666	Hoofpad	Witsand		6666	WITSAND	HEIDELBEI	HEIDELBEI	EDEN	HESSEQUA	10402004	20.837568	-34.3292	Y		7	1	127

112477532	VOOR-GROENBERG NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8641023	Posbus 433	Wellington		7655	Oakdene	Wellington			WELLINGT	WELLINGT	WELLINGT	CAPE WINE	DRAKENST	10203031	19.010398	-33.61139	N		4	R	80
124358401	VOORBEDAG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ1	44	2722844	Posbus 155	Oudtshoorn		6625	Matjiesrivier	Distrik Oudtshoorn		6634	OUDTSHO	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405001	22.058268	-33.39132	Y		6	1	65
107323845	VOORBRUG SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_North	3	NQ3	21	9543040	Posbus 304	DELFT		7100	Voorbrugwe	Voorbrug	DELFT	7100	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100020	18.651717	-33.97327	Y	1344438	12	8	1,469
126337048	VOORSORG NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3170401	Posbus 9	KOUE BOKKEVELD		6836	Voorsorg	KOUE BOKKEVELD		6836	CERES	CERES	CERES	CAPE WINE	WITZENBE	10202009	19.302331	-32.90247	Y		6	1	80
105311286	VOORSPOED PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	5	NQ4	21	6921410	Posbus 148	Kenwyn		7790	Lonedownw	Hanover Park			HANOVER	LANDSDOW	WYNBERG	CITY OF CA	CITY OF CA	19100047	18.537494	-33.99567	N		7	R	950
105310311	VOORTREKKER HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	7624268	Salisburywe	Kenilworth		7708	Salisburywe	Kenilworth			KENILWOR	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100059	18.471731	-33.99965	Y	1329955	12	8	513
132470562	VOORUITSIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	1	Westcoast/Winelands	5	NQ4	22	4922678	P. O. Box 6	DARLING		7345	Durban Stre	DARLING		7345	DARLING	DARLING	MALMESBU	WEST COA	SWARTLAN	10105005	18.385879	-33.36756	Y	5568	9	R	1,381
121350214	VOORWAARTS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ3	28	7131695	Posbus 238	Riversdal		6670	Olieslagerst	Riversdal		6670	RIVERSDA	RIVERSDA	RIVERSDA	EDEN	HESSEQUA	10402008	21.259	-34.097	Y		7	R	494
120109344	VORENTOE LS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ5	44	6202211	Posbus 707	Groot-Brakrivier		6525	Langstraat	Groot-Brakrivier		6525	GROOT BR	GROOT BR	MOSSEL B.	EDEN	MOSSEL B.	10403004	22.216301	-34.04595	Y		7	R	250
101320714	VORENTOE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	5	NQ4	21	9311911	Sandhurstst	Ravensmead		7493	Sandhurstst	Ravensmead			RAVENSMI	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100025	18.600122	-33.92707	Y		7	R	342
101309369	VREDELUST PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	1	NQ5	21	9483051	Sixth Avenu	Bellville		7530	Sixth Avenu	Bellville			BOSTON	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100002	18.613467	-33.89768	Y		7	R	456
134310314	VREDENBURG HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7131151	Posbus 96	Vredenburg		7380	Skoolstraat	Vredenburg		7380	VREDENBU	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104008	17.989944	-32.90487	Y	1375525	12	8	917
134309371	VREDENBURG LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7131161	Posbus 104	Vredenburg		7380	Skoolstraat	Vredenburg			VREDENBU	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104008	17.988204	-32.90501	Y		7	R	1,031
138310312	VREDENDAL HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2131050	Posbus 185	Vredendal		8160	Grensstraat	Vredendal		8160	VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAMA	10101002	18.503843	-31.66194	Y	1375526	12	8	432
138309370	VREDENDAL LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2133016	Posbus 175	Vredendal		8160	Skoolstraat	Vredendal		8160	VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAMA	10101005	18.503949	-31.66529	Y		7	R	510
138473421	VREDENDAL SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	5	Westcoast/Winelands	9	NQ3	27	2131790	Posbus 114	VREDENDAL		8160	Hoerskoolw	VREDENDAL-NOORD		8160	VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAMA	10101004	18.525852	-31.64421	Y	1375527	12	8	1,141
138347256	VREDENDAL-NOORD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ3	27	2135703	Privaatsak X	Vredendal		8160	H/V Woltem	Vredendal-Noord		8160	VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAMA	10101004	18.528698	-31.6471	Y		7	R	1,024
102308211	VRIJZEE VOORB.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ5	21	5911175	Dingleweg	Vrijzee		7460	Dingleweg	Vrijzee			VASCO ES	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100027	18.563243	-33.90783	Y		3	P	709
106007103	VUKANI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	5	Met_South	3	NQ2	82	6732115	P.O.Box 15	Philippi		7781	Sinqolamthi	Lower Cros	PHILIPPI EAST		PHILLIPI	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100035	18.613137	-34.00984	N		7	R	1,079
106042114	VUKUKHANYE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	5	NQ2	21	6332131	P O Box 91	Guguletu		7750	Ny 102	Guguletu			GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100041	18.572728	-33.98704	N		7	R	557
106041214	VUSELELA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	3	NQ2	21	3885543	P O Box 11	KHAYELITS	EAGLE STF	7784	Eagle Stree	A Section S	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100018	18.639712	-34.01084	N		7	R	1,108
130041103	VUSISIZWE SEC	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	5	NQ1	23	3452426	P O Box 12	Worcester		6849	Cona Avenu	Zweletemba		6852	ZWELETEM	WORCEST	WORCEST	CAPE WINE	BREEDE V.	10205018	19.492211	-33.64997	N	1318853	12	8	1,521
106042313	VUYANI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	6	NQ3	21	6376419	P O Box 35	Gatesville		7766	Ny 58	Gugulethu		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100042	18.563131	-33.99237	N		7	R	770
106041343	VUYISEKA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	2	NQ2	21	3713008	P O Box 94	Cape Town		8000	Sheffield Rd	Philippi East			PHILLIPI	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100088	18.601378	-34.00816	Y	1366634	12	8	801
106041213	VUZAMANZI PUBL. PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	2	Met_East	1	NQ2	21	3871655	P.O. Box 11	Khayelitsha		7784	Intengu	Road A Site	KHAYELITS	7784	KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100087	18.648988	-34.01374	N		7	R	1,214
108309372	W.A. JOUBERT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ5	21	8722832	Posbus 270	PAARL		7620	Stirlingstraa	PAARL		7620	PAARL	PAARL	PAARL	CAPE WINE	DRAKENST	10203019	18.96533	-33.72433	Y		7	P	304
127330140	W.A. ROSSOUW PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	6	NQ2	23	6141810	PO Box 42	MONTAGU		6720	Wilhelm Th	MONTAGU		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINE	LANGEBER	10206007	20.124053	-33.77975	Y	8904	9	R	648
103322164	W.D. HENDRICKS PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5931810	Mustangstra	Uit Acreweg	KENSINGT	7405	Mustangstra	Uit Acreweg	KENSINGTON		KENSINGT	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.516154	-33.90314	N		7	R	282
129330574	W.F. LOOTS PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ4	23	2310155	Posbus 129	WOLSELEY		6830	Vierdelaan	WOLSELEY		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WINE	WITZENBE	10202002	19.203898	-33.42539	Y		7	R	799
123357014	W.J. LE ROUX LB PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5511581	Posbus 364	LADISMITH		6655	Voorbaat	Dist. Ladismith		6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAN	10401004	21.077936	-33.48499	Y		7	1	78
117338354	WABOOMSHEUWEL NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6162867	Posbus 233	Bonnievale		6730	Waboomsh	Plaas Waboomsheuwel		6730	BONNIEVA	BONNIEVA	SWELLEND	CAPE WINE	LANGEBER	10206008	20.220203	-34.02043	Y		7	R	94
118356492	WABOOMSKRAAL VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	6	NQ1	44	8860052	Posbus 1374		GEORGE	6530	Waboomsk	George		6530	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404022	22.34773	-33.8751	Y		7	R	91
113336041	WAGENHUISKRANTZ PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	10	NQ1	28	4459737	Posbus 408	Bredasdorp		7280	Kampstraat	Waenhuiskr	KAMPSTRA	7280	BREDASDO	BREDASDO	BREDASDO	OVERBERG	CAPE AGU	10303005	20.225046	-34.66232	Y		7	R	157
112477540	WAGENMAKERSVALLEI NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8641096	Posbus 356	WELLINGTON		7655	Vrugbaar Bo	WELLINGTON		7655	WELLINGT	WELLINGT	WELLINGT	CAPE WINE	DRAKENST	10203031	19.047522	-33.63133	Y		7	R	322
128338281	WAKKERSTROOM-OOS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6162626	Posbus 328	Bonnievale		6730	Wolvendrift	Wakkerstro	BONNIEVALE		BONNIEVA	BONNIEVA	ROBERTSO	CAPE WINE	LANGEBER	10206008	20.011312	-33.91413	N		7	R	73
128330655	WAKKERSTROOM-WES PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6151967	Posbus 592	Robertson		6705	Wakkerstro	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINE	LANGEBER	10206008	19.990635	-33.91773	Y		9	R	396
107008015	WALLACEDENE PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_East	0	NQ3	21	9 860 001	P O Box 14	Kraaifontein		7570	Ndlali Stree	Wallaceden	KRAAIFONT	7570	WALLACED	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100006	18.734412	-33.85733	N		7	R	1,227
107008016	WALLACEDENE SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ3	21	9875715	Po Box 478	Kraaifontein		7569	29342 Walt	Wallaceden	KRAAIFONT	7570	WALLACED	KRAAIFONT	KUILSRIVIE	CITY OF CA	CITY OF CA	19100006	18.73065	-33.86028	N	4484	11	8	1,134
103310379	WALMER ESTATE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4476760	Cambridge	Walmer Est	WOODSTO	7925	Cambridge	Walmer Est	WOODSTO	7925	WOODSTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.440619	-33.93566	N		7	R	316
103313122	WALMER SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4472739	40 Marsden	Walmer Est	WOODSTO	7925	40 Marsden	Walmer Est	WOODSTO	7925	WOODSTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.441894	-33.93778	Y	1191	12	8	381
106042216	WALTER TEKA PUB. PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	5	NQ2	21	3863430	P O Box 68	Guguletu		7751	4th Street	Nyanga		7755	NYANGA	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100038	18.580855	-33.99394	N		9	R	662
126338664	WANGANELLA NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3122083	Posbus 263	Ceres		6835	Wanganella	Ceres		6835	CERES	CERES	CERES	CAPE WINE	WITZENBE	10202012	19.472919	-33.36734	Y		6	R	133
128338702	WANSBEK VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6266420	Posbus 516	Robertson		6705	Wansbek	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINE	LANGEBER	10206005	19.665581	-33.9029	Y		6	1	12
127338656	WARDIA VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	6	NQ1	23	6142298	Posbus 88	Montagu		6720	Op Barrydal	Via Montagu		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINE	LANGEBER	10206007	20.309675	-33.88251	Y		6	P	78
122356123	WARMBAD-SPA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2133081	Posbus 314	Oudtshoorn		6620	Warmbad D	Calitzdorp		6660	CALITZDOF	CALITZDOF	CALITZDOF	EDEN	KANNALAN	10401002	21.771751	-33.64065	Y		6	1	62
101321788	WATSONIA PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	7	Met_East	6	NQ5	21	9887464	Buitensinge	Watsonia P	KRAAIFONT	7570	Buitensinge	Watsonia P	KRAAIFONT	7570	SCOTTSDE	BELLVILLE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100006	18.727745	-33.86775	N	1013217	8	R	830
106490431	WAVECREST PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	5	NQ4	21	3913232	H/V Spine-	Rocklands	MITCHELL'S	7785	H/V Spine-	Rocklands	MITCHELL'S	7785	ROCKLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100043	18.600387	-34.06689	Y		7	P	647
129330566	WAVEREN HS	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	5	Overberg	2	NQ5	23	2301002	Posbus 32	Tulbagh		6820	Ryk Tulbagh	Tulbagh		6820	TULBAGH	TULBAGH	TULBAGH	CAPE WINE	WITZENBE	10202007	19.153405	-33.28684	Y	1318855	12	R	1,407
109327409	WEBER GEDENK NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ2	21	8800286	Posbus 478	Stellenbosch		7599	Tribute Stre	Stellenbosch			JAMESTOW	STELLENB	STELLENB	CAPE WINE	STELLENB	10204021	18.847351	-33.98317	Y		7	R	629
101320528	WEBNERSTRAAT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	5	Met_North	5	NQ4	21	9312063	Webnerstra	Ravensmead		7493	Webnerstra	Ravensmead			RAVENSMI	PAROW	BELLVILLE	CITY OF CA	CITY OF CA	19100025	18.592637	-33.92393	Y		7	R	604
124356166	WELBEDACHT UCC PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2720147	Posbus 305	Bridgton	OUDTSHO	6623	Welbedacht	Oudtshoorn		6623	OUDTSHO	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405001	21.986834	-33.61177	Y		7	R	101
105480886	WELCOME PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6374201	3rd Street	WELCOME ESTATE		7764	3rd Street	WELCOME ESTATE		7764	WELCOME	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100044	18.544574	-33.96075	N		7	R	454
132328049	WELGEMEEND NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4873143	Posbus 100	Malmesbury		7299	Welgemeen	Malmesbury	JOUBERTSKLOOF		MALMESBU	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105007	18.765291	-33.53735	Y		7	P	159
126336815	WELGEMOED NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ1	23	3122903	Posbus 383	Ceres		6835	Olckersia, D	Warmbokke	CERES		CERES	CERES	CERES	CAPE WINE	WITZENBE	10202012	19.540168	-33.23502	N		6	1	31
101309374	WELGEMOED PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	7	Met_North	1	NQ5	21	9132104	Posbus 605	WELGEMOED		7538	Jip De Jage	Welgemoed	BELLVILLE	7530	WELGEMO	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100070	18.618245	-33.87296	Y		7	1	712
112470570	WELLINGTON PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ4	21	8732321	Posbus 324	Wellington		7654	Voorstraat	Wellington			WELLINGT	WELLINGT	WELLINGT	CAPE WINE	DRAKENST	10203029	18.998269	-33.64534	Y		7	R	1,080
112473537	WELLINGTON SEC.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ3	21	8736427	Posbus 355	Wellington		7655	Davidslaan	Van Wyksvl	WELLINGTON		WELLINGT	WELLINGT	WELLINGT	CAPE WINE	DRAKENST	10203007	18.993056	-33.66611	N	1315565	12	8	1,200
130337951	WELTEVREDE NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ2	23	3491270	Leipoldtlaar	WORCESTER		6850	Louwshoek	RAWSONVILLE		6845	RAWSONV	RAWSONV	WORCEST	CAPE WINE	BREEDE V.	10205019	19.344261	-33.7352	N		7	R	196
128337595	WELTEVREDE NGK PRIM. (ROBERTS)	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6251144	Posbus 467	Mcgregor		6708	Takkap	Mcgregor		6708	MCGREGO	MCGREGO	ROBERTSO	CAPE WINE	LANGEBER	10206005	19.780554	-33.98083	N		6	1	26
112473448	WELTEVREDE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ4	21	8731559	Posbus 375	Wellington		7655	Bloekomlaa	Wellington			WELLINGT	WELLINGT	WELLINGT	CAPE WINE	DRAKENST	10203007	18.993974	-33.65913	Y	1317744	12	8	886
117337889	WELTEVREDE VGK PRIM. (BARRYD)	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	OVERBERG	1	Overberg	8	NQ1	28	5721801	Posbus 40	BARRYDALE		6750	Weltevrede	BARRYDALE		6750	BARRYDAL	BARRYDAL	SWELLEND	OVERBERG	SWELLEND	10304002	20.647739	-33.91235	Y		6	R	67
132477664	WELTEVREDEN NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	1	Westcoast/Winelands	5	NQ1	22	4612833	Posbus 17	Riebeek-Wes		7306	Weltevrede	Riebeek-W	WELTEVREDE		RIEBEEK-W	RIEBEEK-W	MALMESBU	WEST COA	SWARTLAN	10105003	18.902653	-33.32446	Y		6	R	134
106007097	WELTEVREDEN VALLEY CORE PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	5	Met_South	2	NQ3	21	3719739	P.O. Box 85	Gugulethu		7750	Oliver Tamb	Samora Ma	PHILIPPI		WELTEVRE	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100075	18.578487	-34.01872	N		7	R	1,219
126336874	WELVAART NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	4	Overberg	1	NQ2	23	3162066	Posbus 191	Posbus 191	CERES	6835	Welvaart	Warm Bokk	CERES		CERES	CERES	CERES	CAPE WINE	WITZENBE	10202012	19.507219	-33.38532	Y		6	R	49
138347280	WELVERDIEND NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2135401	Posbus 219	Vredendal		8160	Welverdien	Vredendal			VREDENDA	VREDENDA	VREDENDA	WEST COA	MATZIKAMA	10101002	18.423292	-31.63628	Y		6	1	78
117337838	WELVILLE EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6163731	Posbus 172	Bonnievale		6730	Welville Pla	Distrik Bonnievale		6730	BONNIEVA	BONNIEVA	SWELLEND	CAPE WINE	LANGEBER	10206008	20.171419	-33.98609	Y		6	R	69
107331023	WELWITSCIHA PRIM	Afr/Eng/Xhosa	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	3	Met_North	5	NQ4	21	9550221	P.O. Box 31	Eindhoven	DELFT	7102	9 9 Welwits	Eindhoven	DELFT	7102	DELFT	KUILSRIVIE	BELLVILLE	CITY OF CA	CITY OF CA	19100020	18.643574	-33.98428	N		7	R	1,130
108470589	WEMMERSHOEK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	2	NQ1	21	8670166	Posbus 47	LA MOTTE		7691	Franschhoe	LA MOTTE	WEMMERS	7691	FRANSCHO	FRANSCHO	PAARL	CAPE WINE	STELLENB	10204003	19.045792	-33.87706	Y		7	R	360
108470597	WES-EIND PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	1	Westcoast/Winelands	2	NQ1	21	8762360	Posbus 193	FRANSCHOEK		7690	Dirkie Uyss	FRANSCHOEK		7690	FRANSCHO	FRANSCHO	PAARL	CAPE WINE	STELLENB	10204001	19.115938	-33.903	Y		7	R	346
124109347	WESBANK LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	8	NQ5	44	2791731	Posbus 301	OUDTSHOORN		6620	Vredestraat	OUDTSHOORN		6625	OUDTSHO	OUDTSHO	OUDTSHO	EDEN	OUDTSHO	10405003	22.192998	-33.59722	Y		7	1	708
132470686	WESBANK SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	1	Westcoast/Winelands	5	NQ4	22	4864868	Posbus 102	Malmesbury		7299	Fresiastraat	Malmesbury			WESBANK	MALMESBU	MALMESBU	WEST COA	SWARTLAN	10105008	18.709459	-33.46537	Y	1375529	12	8	993
132470600	WESFLEUR PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	2	Met_North	2	NQ5	21	5722250	Posbus 173	Dassenberg		7350	Grosvenorla	Atlantis			ATLANTIS	ATLANTIS	MALMESBU	CITY OF CA	CITY OF CA	19100029	18.487921	-33.57195	Y		7	R	1,449
103316725	WESLEY MET. PRACTISING SCHOOL	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4481646	Durham Ave	Salt River		7925	16a Durham	Salt River		7925	SALT RIVE	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.45951	-33.93039	N	1119	7	R	294
106490423	WESPOORT PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	2	NQ5	21	3926604	H/V Wespo	Portland	MITCHELL'S	7785	H/V Wespo	Portland	MITCHELLS PLAIN		PORTLAND	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100079	18.615546	-34.04782	Y		7	R	1,017
107324078	WEST BANK HS	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_East	3	NQ3	21	9552424	P.O. Box 98	KUILS RIVER		7579	Beaverstraa	WESBANK		7580	WESBANK	MALMESBU	KUILSRIVIE	CITY OF CA	CITY OF CA	19100019	18.659218	-33.97362	Y	1344411	12	8	885
107319333	WEST BANK NO. 1 PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	1	Met_East	3	NQ3	21	9550777	Main Road	West Bank	KUILSRIVE	7580	Main Road	West Bank	KUILSRIVE	7580	DELFT	KUILSRIVIE	KUILSRIVIE	CITY OF CA	CITY OF CA	19100019	18.655382	-33.97387	Y		7	R	1,321
106490458	WEST END PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	1	NQ5	21	3712400	Merrydale A	Lentegeur	MITCHELLS	7785	Merrydale A	Lentegeur	MITCHELLS	7785	LENTEGEU	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100076	18.602612	-34.03078	Y		7	R	1,224
103008011	WEST RIDING PRIM	English	English	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	4	NQ4	21	5563330	P.O. Box 33	TABLE VIEW		7439	142 Circle F	West Riding	TABLE VIEW	7441	TABLE VIEW	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100107	18.515028	-33.82056	Y		7	R	648
105309375	WESTCOTT PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	1	NQ5	21	7126600	Myburgh Rd	Diep River		7800	Myburgh Rd	Diep River			DIEP RIVER	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100073	18.461555	-34.03615	Y		7	R	438
105310316	WESTERFORD HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6899154	Main Road	Rondebosch	CAPE TOW	7700	220 Main R	Rondebosch	CAPE TOW	7700	RONDEBOS	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100059	18.464763	-33.96904	Y	1329957	12	8	914
100000056	WESTLAKE PRIM	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2		0	NQ4	21	7026178	Ficus Street	Westlake	TOKAI	7945	Ficus Street	Westlake	TOKAI	7945	WESTLAKE	WESTLAKE	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.436522	-34.07414	N		7	R	431
134473456	WESTON SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7132083	Posbus19	VREDENBURG		7380	Kootjieskloo	Louwville	VREDENBU	7380	LOUWVILL	VREDENBU	VREDENBU	WEST COA	SALDANHA	10104013	18.004937	-32.91366	Y	1375530	12	8	1,393
106493449	WESTRIDGE SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	6	NQ5	21	3717161	Silversands	Westridge	MITCHELL'S	7785	Silversands	Westridge	MITCHELLS PLAIN		WESTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100078	18.595339	-34.05052	Y	1366637	12	8	1,055
106490466	WESTVILLE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	7	Met_South	2	NQ5	21	3925510	Cnr Cedars	Westridge	MITCHELL'S	7798	Cnr Cedars	Westridge	MITCHELLS	7798	WESTRIDG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100081	18.60678	-34.05719	Y		7	P	1,018
128337668	WILLEM BUCHHOLZ NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	7	Overberg	4	NQ1	23	6264679	Posbus 156	Robertson		6705	Sewefontein	Robertson		6705	ROBERTSO	ROBERTSO	ROBERTSO	CAPE WINE	LANGEBER	10206005	19.602426	-33.95345	Y		7	R	127
133470619	WILLEMSVALLEI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ4	22	9312505	Posbus 129	Porterville		6810	Loeriestraat	Porterville		6810	PORTERVI	PORTERVI	PIKETBERG	WEST COA	BERGRIVIE	10103002	18.987156	-33.0235	Y	5558	9	R	1,093
108470627	WILLIAM LLOYD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ4	21	8625593	Maasdorpst	Paarl		7646	Maasdorp S	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINE	DRAKENST	10203023	18.995574	-33.73497	N		7	R	881
105480908	WILLOWS PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6375560	Longkloofsi	Heideveld	ATHLONE	7764	16 Longkloo	Heideveld			HEIDEVELI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100044	18.559261	-33.96826	Y		7	R	990
103322172	WINDERMERE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ5	21	5938264	69 Tenth Avenue, Kensington			7405	69 Tenth Av	Kensington			KENSINGT	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.510702	-33.91568	N		7	R	798
103323837	WINDERMERE SEK.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5932550	Bostonstraa	Factreton		7405	Bostonstraa	Factreton			FACTRETO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.515978	-33.90715	Y	1321171	12	8	626
108477591	WINDMEUL PRIM.	Afr/Eng/Xhosa	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8698027	Posbus 202	Windmeul		7630	Vrygunspad	Windmeul			PAARL	PAARL	PAARL	CAPE WINE	DRAKENST	10203001	18.904635	-33.67114	Y		7	P	458
105310317	WINDSOR HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	5	NQ5	21	6962974	1 Smuts Ro	Rondebosch East		7780	1 Smuts Ro	Rondebosch East			RONDEBOS	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.500797	-33.98636	Y	1321172	12	8	723
105308212	WINDSOR PREP.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	5	NQ5	21	6962800	P.O. Box 24	Lansdowne		7779	419 419 Lan	Lansdowne			LANSDOW	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.499893	-33.98703	Y		3	R	415
103322180	WINGFIELD PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5933710	Factreton A	Kensington		7405	Factreton A	Kensington		7405	FACTRETO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100056	18.516813	-33.90949	N		7	R	675
101321265	WINSLEY PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	1	Met_North	1	NQ4	21	9511441	William Tay	Bellville-Suid		7530	William Tay	Bellville-Suid			BELLVILLE	BELLVILLE	BELLVILLE	CITY OF CA	CITY OF CA	19100009	18.649956	-33.91845	Y	1013212	8	R	588
105313424	WITTEBOME HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	6	NQ5	21	7611535	Ottery Road	Wynberg		7800	Ottery Road	Wynberg		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.474666	-34.00844	Y	1369959	12	8	939
119350303	WITTEDRIF PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ1	44	5359662	Posbus 15	Wittedrif		6603	Stofpad	Wittedrif		6603	WITTEDRIF	WITTEDRIF	KNYSNA	EDEN	BITOU	10407001	23.331931	-34.00308	Y		7	1	218
119112261	WITTEDRIFT HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ5	44	5359731	Posbus 118	Plettenbergbaai		6600	Kerkstraat	Wittedrif		6603	WITTEDRIF	WITTEDRIF	KNYSNA	EDEN	BITOU	10407001	23.340374	-34.00653	Y	1353347	12	1	419
129330760	WITZENBERG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ5	23	2310138	Posbus 26	Wolseley		6830	Angelierstra	Wolseley		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WINE	WITZENBE	10202007	19.20483	-33.41883	Y		7	R	899
102309377	WOLRAAD WOLTEMADE PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO NORTH	4	Met_North	3	NQ5	21	5583600	Meerhoffstra	Bothasig		7441	Meerhoffstra	Bothasig			BOTHASIG	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100005	18.536907	-33.85403	Y		7	R	586
129312259	WOLSELEY LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ5	23	2310122	Millstraat 24	WOLSELEY		6830	Millstraat 24	WOLSELEY		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WINE	WITZENBE	10202007	19.20055	-33.41015	Y	8856	7	1	126

129333530	WOLSELEY SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	5	Overberg	2	NQ4	23	2311120	Posbus 18	Wolseley		6830	Malvastraat	Wolseley		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WINI	WITZENBE	10202007	19.20736	-33.41599	Y	1318866	12	8	818
103309384	WOODBRIDGE PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_North	4	NQ5	21	5512228	P.O. Box 87	Milnerton		7435	7 Union Roa	Milnerton		7441	MILNERTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100055	18.489436	-33.88965	Y		7	R	628
105480916	WOODLANDS PRIM.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	6	Met_Central	4	NQ4	21	6371823	Zuurbergwe	Heideveld		7764	Zuurberg Ro	Heideveld			HEIDEVELI	ATHLONE	WYNBERG	CITY OF CA	CITY OF CA	19100044	18.549061	-33.96174	N		8	R	491
106493457	WOODLANDS SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	4	NQ5	21	3710610	P O Box 70	West Gate	MITCHELLS	7702	Mitchell Ave	Woodlands	MITCHELLS	7798	WOODLAN	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100075	18.594598	-34.03252	Y	1366638	12	8	868
106490474	WOODVILLE PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	6	Met_South	4	NQ5	21	3716510	Juno Road	Woodlands	MITCHELL'S	7785	Juno Road	Woodlands			WOODLAN	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100075	18.599451	-34.03624	Y		7	R	1,106
130310235	WORCESTER GIMNASIUM	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	5	Overberg	5	NQ5	23	3470426	Posbus 210	WORCESTER		6849	Tulbaghstra	WORCESTER		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205012	19.437308	-33.64206	Y	1318859	12	8	980
130309378	WORCESTER LS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	5	NQ5	23	3470663	Pobus 193	Worcester		6849	Krigestraat	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205015	19.432519	-33.6461	Y		7	R	752
130338001	WORCESTER MOS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	3	NQ4	23	3471568	Posbus 980	Worcester		6849	Africastraat	Esselenparl	WORCESTER		WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205009	19.453929	-33.65184	Y		7	R	214
130338117	WORCESTER NGK OEFEN PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	5	NQ4	23	3471916	Posbus 372	Worcester		6849	Greystraat 1	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205011	19.448006	-33.65084	Y		7	P	939
130338400	WORCESTER RK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	6	Overberg	4	NQ4	23	3472425	P.O. Box 14	Worcester	PARKERSD	6850	169 Parker	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205011	19.449096	-33.6564	Y		8	P	659
130333395	WORCESTER SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	4	NQ2	23	3420857	Posbus 581	Worcester		6849	Stynderstra	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205009	19.461714	-33.65115	Y	1318861	12	8	1,600
130308213	WORCESTER VOORB.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	5	NQ5	23	3471160	Tulbaghstra	Worcester		6850	Tulbaghstra	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205012	19.439381	-33.64205	Y		3	R	503
130309379	WORCESTER-NOORD PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	5	NQ5	23	3470325	Jakarandala	Worcester		6850	Jakarandala	Worcester		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205006	19.45136	-33.63037	Y		7	R	726
130309380	WORCESTER-OOS LS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	6	Overberg	5	NQ5	23	3470453	Posbus 500	HEATLIEVALE		6851	Sutherlands	WORCESTER		6850	WORCEST	WORCEST	WORCEST	CAPE WINI	BREEDE V.	10205007	19.45339	-33.63974	Y		7	P	602
136477621	WUPPERTHAL MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	4	Westcoast/Winelands	8	NQ1	27	4923370	Die Werf	WUPPERTAL		8138	Die Werf	WUPPERTAL		8138	WUPPERTI	WUPPERTA	CLANWILLI	WEST COA	CEDERBEF	10102006	19.2145	-32.27883	Y	5556	9	1	197
105310318	WYNBERG BOYS' HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	7	NQ5	21	7974247	Lovers' Wal	WYNBERG		7800	Lovers' Wal	WYNBERG		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.458163	-33.99627	Y	1369960	12	8	856
105309381	WYNBERG BOYS' JUNIOR	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	7	NQ5	21	7625707	Oxford Stre	Wynberg		7800	Oxford Stre	Wynberg			WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.464538	-34.00053	Y		7	R	701
105310321	WYNBERG GIRLS' HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	6	NQ5	21	7642200	Aliwal Road	Wynberg		7800	Aliwal Road	Wynberg			WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.463771	-34.00283	Y	1369961	12	8	943
105309382	WYNBERG GIRLS' JUNIOR.	English	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	2	Met_South	6	NQ5	21	7974214	Aliwal Road	Wynberg		7800	Aliwal Road	Wynberg			WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100062	18.465182	-34.00147	Y		7	R	652
105313696	WYNBERG SEK.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	6	NQ5	21	7970017	Cheddar Ro	Wynberg		7800	Cheddar Ro	Wynberg		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100063	18.47875	-34.0132	Y	1369962	12	8	897
130330272	WYSERSDRIFT PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	CAPE WINELANDS	5	Overberg	2	NQ1	23	3443651	Pk Goudiniv	Posbus 11		6856	Groenvlei	Goudini-Weg		6856	GOUDA	GOUDA	WORCEST	CAPE WINI	BREEDE V.	10205015	19.306444	-33.62075	Y		6	R	165
106042314	XOLANI PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	5	Met_South	5	NQ3	21	6377256	P.O. Box 42	Guguletu		7751	NY 141 Ny 1	Gugulethu		7750	GUGULETH	CAPE TOW	WYNBERG	CITY OF CA	CITY OF CA	19100040	18.573102	-33.97678	N		7	R	695
106490369	YELLOWWOOD PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	7	Met_South	6	NQ4	21	3922194	Skeleton St	Eastridge	MITCHELL'S	7785	C/O Skeleto	Eastridge	MITCHELLS PLAIN		TAFELSIG	MITCHELL'S	MITCHELLS	CITY OF CA	CITY OF CA	19100082	18.624041	-34.06157	Y		8	R	1,041
106041216	YOMELELA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO EAST	4	Met_East	5	NQ2	21	3613404	P O Box 17	Khayelitsha		7784	34 Benya S	L Section S	KHAYELITSHA		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100093	18.674372	-34.02824	N		7	R	861
118110288	YORK HS.	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	3	NQ5	44	8742333	P.O. Box 25	GEORGE		6530	15 C/O Mea	GEORGE		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404019	22.451045	-33.97105	Y	1353348	12	8	863
105480924	YORK ROAD PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	1	Met_Central	5	NQ5	21	7041705	33 Lower Yo	LANSDOWNE		7780	33 Lower Yo	LANSDOWNE		7780	LANSDOW	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100060	18.515923	-33.9974	Y		7	R	853
103308214	YSTERPLAAT JUNIOR PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_North	4	NQ4	21	5111646	Forridonstra	Ysterplaat		7405	Forridonstra	Ysterplaat		7405	YSTERPLA	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100055	18.48459	-33.90699	Y		3	R	534
103309383	YSTERPLAAT PRIM.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	4	Met_North	4	NQ4	21	5111493	Koebergwe	Ysterplaat		7405	Koebergwe	Ysterplaat			YSTERPLA	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100055	18.484651	-33.91111	Y		7	4	422
110323780	ZANDVLIET HS.	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	8	NQ5	21	8571016	Posbus 11	Macassar		7134	Zandvlietwe	Macassar			MACASSAI	SOMERSET	SOMERSET	CITY OF CA	CITY OF CA	19100109	18.764701	-34.05596	Y	1337745	12	8	1,233
106328634	ZANEMFUNDO PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	5	Met_South	3	NQ2	82	6 775 477	P.O. Box 35	Mitchell'S Plain		7789	Corner Of V	And 5th Stre	PHILLIPI	7785	PHILLIPI	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100088	18.59772	-34.00994	Y		7	R	1,103
124357219	ZEEKOEGAT VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	9	NQ1	44	2720023	Posbus 278	OUDTSHOORN		6620	Mosselbaai	Safari Volst	OUDTSHOO	6620	OUDTSHOO	OUDTSHOO	OUDTSHOO	EDEN	OUDTSHOO	10405012	22.160266	-33.62694	Y		6	1	84
105490482	ZEEKOEVLEI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	METRO SOUTH	3	Met_South	2	NQ4	21	7034533	370 Sixth A	Lotus River		7941	370 Sixth A	Lotus River		7941	LOTUS RIV	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100065	18.522058	-34.04189	Y		7	R	486
105313890	ZEEKOEVLEI SEC.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	1	NQ5	21	7033797	C/O Buck R	Lotus River		7945	370 Seventh	Lotus River			LOTUS RIV	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100067	18.523293	-34.04338	Y	1369963	12	8	712
105312010	ZERILDA PARK PRIM.	Par: Afr/Eng	English	ORDINARY	PUBLIC	Primary School	METRO SOUTH	1	Met_South	1	NQ4	21	7019824	Stormvo?l S	Seawind	STEENBER	7945	Stormvo?l S	Seawind	STEENBERG		ZERILDA P.	STEENBER	SIMONS TO	CITY OF CA	CITY OF CA	19100067	18.48566	-34.07598	Y		7	R	1,237
102042315	ZIMASA PRIM.	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	4	Met_Central	4	NQ3	21	6942775	Po Box 2	Langa		7455	Washington	Langa			LANGA	GOODWOO	GOODWOO	CITY OF CA	CITY OF CA	19100051	18.540184	-33.94453	Y	1155	9	R	1,501
106007102	ZISUKHANYO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	5	NQ3	79	2014187	Po Box 921	Westridge		7802	Oliver Tamb	Weltevreden Valley			WELTEVRE	MITCHELL'S	WYNBERG	CITY OF CA	CITY OF CA	19100075	18.579619	-34.01817	Y	1366636	12	8	1,114
123357022	ZOAR EK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Primary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5611315	Posbus 36	Zoar		6656	Barryweg	Lovedale	ZOAR	6656	ZOAR	ZOAR	LADISMITH	EDEN	KANNALAN	10401003	21.445884	-33.49711	Y		6	R	338
123356913	ZOAR R.P. BOTHA VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	28	5611306	Posbus 145	Ladismith		6655	Hoofstraat	Zoar		6656	ZOAR	ZOAR	LADISMITH	EDEN	KANNALAN	10401003	21.445064	-33.49471	Y	3394	9	7	240
102483605	ZOLA SENIOR SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	4	NQ3	21	3873888	P.O. Box 10	Elonwabeni		7791	1 Hope Stre	Thembani V	THEMBANI VILLAGE		KHAYELITS	KHAYELITS	MITCHELLS	CITY OF CA	CITY OF CA	19100018	18.634394	-34.01509	Y	1331173	12	8	864
103316733	ZONNEBLOEM BOYS PRIM.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4654260	Cambridge	Walmer Estate		7925	Cambridge	Walmer Estate			WOODSTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.43835	-33.93422	N		7	1	299
103316741	ZONNEBLOEM GIRLS PRAC. SCH.	English	English	ORDINARY	PUBLIC	Primary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4654481	Zonnebloen	Cambridge	WALMER E	7925	Cambridge	WALMER ESTATE		7925	WOODSTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.439195	-33.935	N		7	R	340
103310328	ZONNEBLOEM NEST SENIOR SCHOOL	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4615308	P.O. Box 21	WOODSTOCK		7915	Cambridge	Walmer Est	WOODSTO	7915	WOODSTO	CAPE TOW	CAPE	CITY OF CA	CITY OF CA	19100057	18.439269	-33.93389	Y	1321174	12	8	309
105309386	ZWAANSWYK ACADEMY/AKADEMIE	Par: Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	2	Met_South	1	NQ5	21	7122051	Hoofweg 33	RETREAT		7945	Hoofweg 33	RETREAT		7945	RETREAT	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.458683	-34.05812	Y	6671	9	P	520
105310323	ZWAANSWYK HS.	Dual Afr/Eng	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	1	NQ5	21	7127721	Posbus 302	TOKAI		7966	Hoofweg 37	BERGVLIET			TOKAI	WYNBERG	WYNBERG	CITY OF CA	CITY OF CA	19100071	18.458746	-34.05961	Y	1369964	12	8	566
142212240	ZWARTBERG HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	8	NQ5	23	5411570	Posbus 37	PRINCE ALBERT		6930	Pastoriestra	PRINCE ALBERT		6930	PRINCE AL	PRINCE AL	PRINCE AL	CENTRAL K	PRINCE AL	10502002	22.032482	-33.22649	Y	1353349	12	1	411
115008001	ZWELIHLE PRIM	Par: Xhosa/Eng	English	ORDINARY	PUBLIC	Primary School	OVERBERG	2	Overberg	0	NQ2			P O Box 18	Zwelihle	HERMANUS	7200	9720 Sisulu	Zwelihle	HERMANUS	7200	HERMANUS	HERMANUS	HERMANUS	OVERBERG	OVERSTRA	10302004	19.219402	-34.42702	Y		7	R	849

2012 Enrolment by School per Grade. School Types - P Ordinary/Ecd Open Schools

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
EDUC DISTRICT	IRCUIT NO	SCHOOL_NAME	EMIS_NO	TYPE	EXDEPT	QUINTILE	PREGRR	GRR	GR1	GR2	GR3	GR4	GR5	GR6	GR7	GR8	GR9	GR10	GR11	GR12	LSEN	PMATRIC	REMEDIAL	TOTAL	TOTAL
METRO EAST	6	A.C.J. PHAKADE PRIM	1.11E+08	Primary School	DET	NQ2	0	79	462	308	264	258	221	226	233	0	0	0	0	0	0	0	0	2,051	1,972

LNRR_CONTROL

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Addendum 4.5

Addendum 4.5 Systematic Sample of Schools in the Western Cape Education Department

EMIS_NO	SCHOOL NAME	M.O.I	CORRESP	SECTOR	CONTROL	SCHOOL	EDUCATION	NEW	EMDC	OLD	QUINTILE	TEL	TEL NO	ADDRESS1	ADDRESS2	ADDRESS3	POST	STREET_ADDRESS1	STREET_ADDRESS2	STREET_ADDRESS3	STREET	SUBURB	TOWN	MAGISTERIAL	DISTRICT	MUNICIPALITY	WARD	LONGITUDE	LATITUDE	SECTION21	EXAM	HIGHEST	LOWEST	Number of Learners
1.3E+08	GOUDINI HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	5	Overberg	2	NQ5	23	3491070	Posbus 25	Rawsonville		6845	Van Riebeeckstraat 39	Rawsonville		6845	RAWSONVILLE	RAWSONVILLE	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205020	19.313565	-33.68769	Y	1318820	12	1	396
1.28E+08	WAKKERSTROOM-WES PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	8	NQ1	23	6151967	Posbus 592	Robertson		6705	Wakkerstroom-Wes	Robertson		6705	ROBERTSON	ROBERTSON	ROBERTSON	CAPE WINELANDS	LANGEBERG	10206008	19.990635	-33.91773	Y		9	R	396
1.08E+08	LABORI HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ5	21	8728293	Privaatsak X:	Paarl		7620	Gimnasiumstraat	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203004	18.960814	-33.73167	Y	1317721	12	8	467
1.27E+08	MONTAGU HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	8	Overberg	6	NQ4	23	6141390	Posbus 85	MONTAGU		6720	Kohlerstraat 2	MONTAGU		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINELANDS	LANGEBERG	10206011	20.123738	-33.79331	Y	1318835	12	8	481
1.3E+08	DE KRUINE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3581751	Posbus 164	TOUWSRIVIER		6880	Skoolstraat	TOUWSRIVIER		6880	TOUWSRIVIER	TOUWSRIVIER	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205001	20.019205	-33.34772	N	1318812	12	8	513
1.3E+08	BONNE ESPERANCE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	6	Overberg	3	NQ1	23	3562434	Posbus 148	De Doorns		6875	Bo-Voortrekkerweg	De Doorns		6875	DE DOORNS	DE DOORNS	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205003	19.675982	-33.46009	Y	8878	9	R	543
1.08E+08	LA ROCHELLE MEISIES HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8724367	Posbus 21	Hoofstraat	PAARL	7622	Faurestraat	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203004	18.963639	-33.73734	Y	1317722	12	8	560
1.09E+08	STELLENBOSCH HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ5	21	8873082	Privaatsak 5(	Stellenbosch		7599	Jannaschstraat	STELLENBOSCH			STELLENBOSCH	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204007	18.879956	-33.93125	Y	1317737	12	8	603
1.27E+08	W.A. ROSSOUW PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	6	NQ2	23	6141810	PO Box 42	MONTAGU		6720	Wilhelm Theyslaan	MONTAGU		6720	MONTAGU	MONTAGU	MONTAGU	CAPE WINELANDS	LANGEBERG	10206007	20.124053	-33.77975	Y	8904	9	R	648
1.09E+08	STELLENZICHT SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ2	21	8801009	Posbus 1103	Webersvallei	STELLENBOSCH	7614	Tribute Laan Valleypad	Jamestown	STELLENBOSCH	7600	JAMESTOWN	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204021	18.85285	-33.97995	N	1317738	12	8	695
1.09E+08	BLOEMHOF HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ5	21	8873044	Posbus 188	Stellenbosch		7599	Kochstraat	STELLENBOSCH		7600	STELLENBOSCH	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204022	18.857248	-33.94344	Y	1317702	12	8	704
1.08E+08	PAARL GIRLS HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ5	21	8721730	P O Box 50	Paarl		7622	Hoogstraat 1	Paarl		7646	PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203004	18.959487	-33.74435	Y	1317729	12	P	729
1.08E+08	KYLEMORE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ2	21	8851341	Posbus 1	Groot Drakenstein		7680	Skoolstraat	Kylemore			KYLEMORE	KYLEMORE	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204004	18.956447	-33.92432	Y	1317720	12	8	782
1.29E+08	WOLSELEY SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	5	Overberg	2	NQ4	23	2311120	Posbus 18	Wolseley	roy@wolseley.wcape.school.za	6830	Malvastraat	Wolseley		6830	WOLSELEY	WOLSELEY	TULBAGH	CAPE WINELANDS	WITZENBERG	10202007	19.20736	-33.41599	Y	1318866	12	8	818
1.09E+08	LUCKHOFF SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ4	21	8864766	Posbus 4033	Idasvallei	STELLENBOSCH	7609	Bloekomlaan 167	Idasvallei	STELLENBOSCH	7600	IDASVALLEY	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204006	18.884746	-33.91952	Y	1317723	12	8	829
1.09E+08	MAKUPULA SEC.	English		ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8897159	Makupula Stre	Kayamandi	STELLENBOSCH	7600	P O Box 993	STELLENBOSCH		7599	KAYAMANDI	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204014	18.846505	-33.91732	Y	1317730	12	8	841
1.12E+08	WELTEVREDE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ4	21	8731559	Posbus 375	WELLINGTON		7655	Bloekomlaan	WELLINGTON			WELLINGTON	WELLINGTON	WELLINGTON	CAPE WINELANDS	DRAKENSTEIN	10203007	18.993974	-33.65913	Y	1317744	12	8	886
1.26E+08	SKURWEBERG SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	4	Overberg	1	NQ3	23	3170916	Posbus 83	Koue Bokkeveld		6836	R303 Citrusdal Pad	Op-Die-Berg	KOUE BOKKEVELD	6836	CERES	CERES	CERES	CAPE WINELANDS	WITZENBERG	10202009	19.313847	-33.01416	Y	1318845	12	R	907
1.09E+08	KAYAMANDI SEC.	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ1	21	8895481	P O Box 2271	DENNESIG		7601	Old Corobrick Road	Kayamandi	STELLENBOSCH	7600	KAYA MANDI	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204014	18.846671	-33.9176	N	1317717	12	8	953
1.3E+08	WORCESTER GIMNASIUM	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	5	Overberg	5	NQ5	23	3470426	Posbus 210	WORCESTER		6849	Tulbaghstraat 0	WORCESTER		6850	WORCESTER	WORCESTER	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205012	19.437308	-33.64206	Y	1318859	12	8	980
1.26E+08	BOPLAAS NGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	4	Overberg	1	NQ3	23	3170231	Posbus 36	Koue Bokkeveld		6836	Boplaas	Koue Bokkeveld		6836	CERES	CERES	CERES	CAPE WINELANDS	WITZENBERG	10202008	19.36384	-32.9766	Y	8927	9	R	1036
1.12E+08	BERGRIVIER SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ4	21	8732301	Posbus 1	WELLINGTO	WELLINGTON	7656	Champagneweg	WELLINGTON		7656	WELLINGTON	WELLINGTON	WELLINGTON	CAPE WINELANDS	DRAKENSTEIN	10203010	18.993479	-33.64873	Y	1317701	12	8	1066
1.3E+08	HEXVALLEI HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	6	Overberg	3	NQ5	23	3562229	Posbus 111	De Doorns		6875	Voortrekkerweg 22	De Doorns		6875	DE DOORNS	DE DOORNS	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205004	19.660904	-33.48038	Y	1318827	12	R	1105
1.08E+08	NOORDER-PAARL SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	2	NQ3	21	8727016	Berlynstraat	Noorder-Paarl		7646	Berlynstraat	Noorder-Paarl			PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203019	18.967495	-33.71991	Y	1317728	12	8	1118
1.09E+08	PAUL ROOS GIMNASIUM	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	1	Westcoast/Winelands	1	NQ5	21	8870017	Posbus 110	Suidwal	STELLENBOSCH	7600	Suidwal	STELLENBOSCH		7600	STELLENBOSCH	STELLENBOSCH	STELLENBOSC	CAPE WINELANDS	STELLENBOSCH	10204022	18.8614	-33.94194	Y	1317732	12	8	1155
1.26E+08	BELLA VISTA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	4	Overberg	1	NQ4	23	3155058	Posbus 1	Bella Vista		6837	Frieslandstraat	Bella Vista		6837	BELLA VISTA	CERES	CERES	CAPE WINELANDS	WITZENBERG	10202004	19.312944	-33.32558	Y	1318805	12	8	1167
1.08E+08	PAULUS JOUBERT SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8623480	Beukesstraat	Paarl		7646	Beukesstraat	Paarl			PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203026	19.005991	-33.73285	Y	1317733	12	8	1179
1.08E+08	CHARLESTON HILL SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ2	21	8620212	Van Der Stels	Klein Nederbu	PAARL	7646	Van Der Stelstraat	Klein Nederburg	PAARL		PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203021	18.994538	-33.72384	Y	1317704	12	8	1198
1.3E+08	DESMOND MPILO TUTU SEC.	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	4	NQ1	21	8682959	P O Box 893	HUGENOT		7645	Funda Street	Polar Park	MBEKWENI	7626	MBEKWENI	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203011	18.993169	-33.68423	N	1317706	12	8	1201
1.08E+08	BERGENDAL SSKV PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	2	Westcoast/Winelands	3	NQ1	21	8633470	Posbus 514	Suider-Paarl		7624	Suid Agter-Paarl Pad	Paarl			PAARL	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203001	18.919069	-33.7699	Y	1084767	9	R	1297
1.17E+08	BONNIEVALE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	CAPE WINELANDS	8	Overberg	8	NQ2	23	6162655	Posbus 243	Bonnievale		6730	Newcrossstraat 0	Happy Valley	BONNIEVALE	6730	HAPPY VALLEY	BONNIEVALE	SWELLENDAM	CAPE WINELANDS	LANGEBERG	10206004	20.071339	-33.9322	Y	8873	9	R	1342
1.29E+08	WAVEREN HS	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	CAPE WINELANDS	5	Overberg	2	NQ5	23	2301002	Posbus 32	Tulbagh		6820	Ryk Tulbaghstraat	Tulbagh		6820	TULBAGH	TULBAGH	TULBAGH	CAPE WINELANDS	WITZENBERG	10202007	19.153405	-33.28684	Y	1318855	12	R	1407
1.3E+08	IHLUMELO JUN SEK	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	3	Westcoast/Winelands	2	NQ1	21	8682930	P.O.Box 8072	Mbekweni		7655	Zingisani	Mbekweni			MBEKWENI	PAARL	PAARL	CAPE WINELANDS	DRAKENSTEIN	10203016	18.986792	-33.68061	Y	7746	12	8	1510
1.3E+08	VUSISIZWE SEC	English	English	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	5	NQ1	23	3452426	P O Box 120	WORCESTER		6849	Cona Avenue	Zweletemba		6852	ZWELETEMBA	WORCESTER	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205018	19.492211	-33.64997	N	1318853	12	8	1521
1.28E+08	LANGEBERG SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	7	Overberg	6	NQ3	23	6263579	Posbus 354	Robertson		6705	George-Weg	Dagbreek	ROBERTSON		ROBERTSON	ROBERTSON	ROBERTSON	CAPE WINELANDS	LANGEBERG	10206003	19.88992	-33.78613	Y	1318832	12	8	1576
1.3E+08	WORCESTER SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	CAPE WINELANDS	6	Overberg	4	NQ2	23	3420857	Posbus 581	WORCESTER		6849	Stynderstraat	WORCESTER		6850	WORCESTER	WORCESTER	WORCESTER	CAPE WINELANDS	BREEDE VALLEY	10205009	19.461714	-33.65115	Y	1318861	12	8	1600
1.42E+08	ZWARTBERG HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	8	NQ5	23	5411570	Posbus 37	PRINCE ALBERT		6930	Pastoriestraat	PRINCE ALBERT		6930	PRINCE ALBERT	PRINCE ALBERT	PRINCE ALBER	CENTRAL KAROO	PRINCE ALBERT	10502002	22.032482	-33.22649	Y	1353349	12	1	411
1.19E+08	WITTEDRIFT HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ5	44	5359731	Posbus 1183	Plettenbergbaai		6600	Kerkstraat	Wittedrif		6603	WITTEDRIFT	WITTEDRIFT	KNYSNA	EDEN	BITOU	10407001	23.340374	-34.00653	Y	1353347	12	1	419
1.39E+08	MANDLENKOSI SEC	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4152400	P.O. Box 606	BEAUFORT WEST		6970	Jabavu Road	Kwa-Mandlenkosi	BEAUFORT WEST		KWA-MANDLENKOSI	BEAUFORT WEST	BEAUFORT WE	CENTRAL KAROO	BEAUFORT WEST	10503004	22.58233	-32.37277	Y	1353323	12	8	460
1.22E+08	EXCELSIOR VGK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ3	44	2133524	Posbus 2	CALITZDORP		6660	Voortrekkerstraat	Bergsig	CALITZDORP	6660	CALITZDORP	CALITZDORP	CALITZDORP	EDEN	KANNALAND	10401002	21.677643	-33.52484	Y	3393	9	R	516
1.21E+08	ALBERTINIA HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	2	NQ4	28	7351018	Posbus 180	ALBERTINIA		6695	13 Hornstreet	ALBERTINIA		6695	ALBERTINIA	ALBERTINIA	RIVERSDALE	EDEN	HESSEQUA	10402002	21.584806	-34.19994	Y	1353301	12	R	523
1.22E+08	CALITZDORP HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ4	44	2133313	Posbus 20	CALITZDORP		6660	Andries Pretoriusstraat	CALITZDORP		6660	CALITZDORP	CALITZDORP	CALITZDORP	EDEN	KANNALAND	10401002	21.687659	-33.53368	Y	1353305	12	R	542
1.19E+08	KNYSNA HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ5	44	3822137	Po Box 437	Knysna		6570	20 Long Street	Knysna		6571	KNYSNA	KNYSNA	KNYSNA	EDEN	KNYSNA	10408010	23.049234	-34.0335	Y	1353318	12	8	583
1.41E+08	MURRAYSBURG HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	49	8440244	Posbus 334	Murraysburg		6995	Graaff-Reinetweg	Murraysburg		6995	MURRAYSBURG	MURRAYSBURG	MURRAYSBURG	CENTRAL KAROO	BEAUFORT WEST	10503001	23.768299	-31.96406	Y	1353329	12	8	591
1.18E+08	ST. PAUL'S EK PRIM.(GEORGE)	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	4	NQ3	44	8711232	Posbus 4212	George-Oos		6539	Industrieleweg	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404005	22.474962	-33.96571	Y	3399	9	R	611
1.19E+08	THE CRAGS PRIM.	Par: Afr/Xh	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ2	44	5348840	Posbus 49	The Crags		6602	Skoolstraat	Kurland Woonbuurt	THE CRAGS		PLETTENBERG BAY	PLETTENBERG BAY	KNYSNA	EDEN	BITOU	10407001	23.493	-33.948	Y	3358	9	R	663
1.24E+08	AURIAL COLLEGE	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	8	NQ3	44	2724505	Posbus 3006	Bridgton	OUDTSHOORN	6625	Kollegeweg	Bridgton	OUDTSHOORN		BRIDGTON	OUDTSHOORN	OUDTSHOORN	EDEN	OUDTSHOORN	10405013	22.22297	-33.59566	Y	3391	12	8	681
1.4E+08	ACACIA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	7	Overberg	3	NQ1	23	5511191	Posbus 85	Laingsburg		6900	Skoolstraat	Laingsburg		6900	LAINGSBURG	LAINGSBURG	LAINGSBURG	CENTRAL KAROO	LAINGSBURG	10501004	20.864057	-33.19608	Y	8918	9	R	703
1.19E+08	RHEENENDAL PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ1	44	3890013	Posbus 22	Rheenendal		6576	Hoofstraat 41 41	Rheenendal		6576	RHEENENDAL	KNYSNA	KNYSNA	EDEN	KNYSNA	10408005	22.934474	-33.94505	N	3400	9	R	757
1.18E+08	P.W. BOTHA KOLLEGE	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ5	44	8744166	Privaatsak X6	George		6530	Uniestraat	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404023	22.447809	-33.97356	Y	1353341	12	8	813
1.18E+08	YORK HS.	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	3	NQ5	44	8742333	P.O. Box 254	George		6530	15 C/O Meade & Palora	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404019	22.451045	-33.97105	Y	1353348	12	8	863
1.19E+08	MURRAY HIGH SCHOOL	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ2	44	5333193	P.O. Box 150	PLETTENBERG BAY		6600	Skosana Street	Kwanokuthula	PLETTENBERG BAY	6600	KWANOKUTHULA	PLETTENBERG BAY	KNYSNA	EDEN	BITOU	10407006	23.314841	-34.05523	Y	1353328	12	8	887
1.19E+08	PLETTENBERGBAAI SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ3	44	5330472	Posbus 1394	Plettenbergbaai		6600	N2 Nasionale Pad	Ebenezer Heights	PLETTENBERGBAAI	6600	PLETTENBERG BAY	PLETTENBERG BAY	KNYSNA	EDEN	BITOU	10407004	23.333669	-34.04741	Y	1353339	12	8	933
1.21E+08	GERRIT DU PLESSIS SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	1	Southern Cape/Karoo	1	NQ3	28	7132555	Posbus 84	Riversdal		6670	Panorama-Meent	Riversdal		6670	RIVERSDALE	RIVERSDALE	RIVERSDALE	EDEN	HESSEQUA	10402008	21.257257	-34.10056	Y	1353312	12	8	980
1.24E+08	DYSSELSDORP SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	8	NQ1	44	2516323	Posbus 25	DYSSELSDORP		6628	Deelmanstraat 1	DYSSELSDORP		6628	DYSSELSDORP	DYSSELSDORP	OUDTSHOORN	EDEN	OUDTSHOORN	10405009	22.42586	-33.57675	Y	1353308	12	8	1038
1.22E+08	GAMKA-OOS PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ1	44	2133138	Posbus 135	CALITZDORP		6660	Gamka-Oos	CALITZDORP		6660	CALITZDORP	CALITZDORP	CALITZDORP	EDEN	KANNALAND	10401004	21.707643	-33.57352	Y	8915	9	R	1065
1.2E+08	PUNT HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ5	44	6912247	Posbus 266	Mosselbaai		6500	Hofmeyrstraat 20	Mosselbaai		6500	MOSSEL BAY	MOSSEL BAY	MOSSEL BAY	EDEN	MOSSEL BAY	10403008	22.141047	-34.18879	Y	1353340	12	8	1093
1.39E+08	BASTIAANSE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ3	23	4152550	Posbus 708	BEAUFORT WEST		6970	Langstraat 708	BEAUFORT WEST		6070	BEAUFORT WEST	BEAUFORT WEST	BEAUFORT WE	CENTRAL KAROO	BEAUFORT WEST	10503005	22.57567	-32.36917	Y	1353302	12	8	1138
1.39E+08	SENTRAAL HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	7	Southern Cape/Karoo	10	NQ5	23	4142552	Posbus 278	Beaufort-Wes		6970	Hattingshstraat	Beaufort-Wes		6970	BEAUFORT WEST	BEAUFORT WEST	BEAUFORT WE	CENTRAL KAROO	BEAUFORT WEST	10503004	22.593264	-32.35526	Y	1353343	12	8	1151
1.2E+08	SAO BRAS SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	2	NQ4	44	6930033	Posbus 811	Da Gamaskoi	MOSSELBAAI	6501	Skoolstraat	D'Almeida		6506	MOSSEL BAY	MOSSEL BAY	MOSSEL BAY	EDEN	MOSSEL BAY	10403009	22.116516	-34.17744	Y	1353342	12	8	1167
1.24E+08	MORESTER SEK	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	6	Southern Cape/Karoo	9	NQ3	44	2724471	Posbus 3119	Bridgton	OUDTSHOORN	6623	Blackwoodstraat	Bridgton	OUDTSHOORN	6625	BRIDGTON	OUDTSHOORN	OUDTSHOORN	EDEN	OUDTSHOORN	10405007	22.21583	-33.59717	Y	1353326	12	8	1211
1.19E+08	HORNLEE PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ4	44	3850306	Posbus 520	Knysna		6570	Wingstraat 2	Hornlee	KNYSNA	6570	HORNLEE	KNYSNA	KNYSNA	EDEN	KNYSNA	10408006	23.100597	-34.0472	Y	3325	9	R	1252
1.23E+08	LADISMITH HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	EDEN AND CENTRAL KAROO	5	Southern Cape/Karoo	7	NQ5	28	5511065	Posbus 34	Ladismith		6655	Vredelaan	Ladismith		6655	LADISMITH	LADISMITH	LADISMITH	EDEN	KANNALAND	10401004	21.267838	-33.48825	Y	1353320	12	R	1299
1.19E+08	PERCY MDALA HS.	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	4	NQ1	44	3750020	P.O. Box 152	Hornlee	KNYSNA	6583	Sigcu Street	Khayalethu South	KNYSNA	6571	KHAYALETHU SOUTH	KNYSNA	KNYSNA	EDEN	KNYSNA	10408007	23.105153	-34.03518	Y	1353338	12	8	1369
1.2E+08	ST. LUKE'S (EC) SCHOOL	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	EDEN AND CENTRAL KAROO	2	Southern Cape/Karoo	3	NQ1	44	6940124	Posbus 2129	Mosselbaai		6500	1 Brandwacht	Brandwag		6507	MOSSEL BAY	MOSSEL BAY	MOSSEL BAY	EDEN	MOSSEL BAY	10403004	22.057115	-34.04483	Y	3388	9	R	1393
1.18E+08	PARKDENE SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	6	NQ3	44	8759457	Posbus 3244	George-Industria		6536	Ballotstraat	Parkdene	GEORGE		PARKDENE	GEORGE	GEORGE	EDEN	GEORGE	10404007	22.482443	-33.98963	Y	1353337	12	8	1427
1.18E+08	THEMBALETHU SEC.	English	English	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	4	NQ2	44	8809180	P. O. Box 313	GEORGE INDUSTRIA		6536	Qhawa Street	Thembalethu	GEORGE		THEMBALETHU	GEORGE	GEORGE	EDEN	GEORGE	10404015	22.474632	-34.00088	Y	1353306	12	8	1478
1.18E+08	OUTENIQUA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	3	Southern Cape/Karoo	5	NQ5	44	8744156	Posbus 181	George		6530	Courtenaystraat	George		6529	GEORGE	GEORGE	GEORGE	EDEN	GEORGE	10404005	22.467527	-33.95903	Y	1353334	12	8	1608
1.19E+08	KNYSNA SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	EDEN AND CENTRAL KAROO	4	Southern Cape/Karoo	5	NQ4	44	3850310	Posbus 1507	Hornlee	KNYSNA	6583	Sunridgestraat	Hornlee	KNYSNA	6570	HORNLEE	KNYSNA	KNYSNA	EDEN	KNYSNA	10408006	23.094683	-34.04613	Y	1353319	12	8	1634
1.03E+08	GOOD HOPE SEMINARY HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4652330	Hope Street	Gardens	CAPE TOWN	8001	30 Hope Street	Gardens			GARDENS	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100077	18.417144	-33.93285	Y	1321126	12	8	403
1.05E+08	SANS SOUCI GIRLS' HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6717188	P.O. Box 443	CLAREMONT		7735	Esme Road	Newlands			NEWLANDS	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100059	18.462921	-33.97591	Y	1329943	12	8	410
1.03E+08	CAPE TOWN HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4242168	P.O.Box 1220	Mill Street	CAPE TOWN	8010	Government Avenue	Gardens	CAPE TOWN		GARDENS	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100077	18.414887	-33.93189	Y	1321117	12	8	434
1.03E+08	QUEEN'S PARK HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4481997	Balfour Street	WOODSTOCK		7925	Balfour Street	Woodstock			WOODSTOCK	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100057	18.453389	-33.93534	Y	1321152	12	8	461
1.05E+08	VOORTREKKER HS.	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	7624268	Salisburyweg	Kenilworth		7708	Salisburyweg 18	Kenilworth			KENILWORTH	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100059	18.471731	-33.99965	Y	1329955	12	8	513
1.03E+08	BUREN HS.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_North	4	NQ4	21	5111912	Poolestraat	Ysterplaat		7405	Poolestraat	Ysterplaat			YSTERPLAAT	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100055	18.483522	-33.90551	Y	1321112	12	8	526
1.03E+08	GARDENS COMMERCIAL HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4651236	Paddock Ave	Gardens	CAPE TOWN	8001	Paddock Avenue	Gardens	CAPE TOWN	8000	GARDENS	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100077	18.416086	-33.93029	Y	1321124	12	8	555
1.05E+08	NED DOMAN HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_Central	2	NQ4	21	6965114	Po Box 59	Athlone		7760	St Athans Road	Athlone			ATHLONE	ATHLONE	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100048	18.508525	-33.96858	N	1321147	12	8	568
1.02E+08	MOSHESH PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	4	Met_Central	5	NQ3	21	6941834	PO Box 79	LANGA		7455	Rose Innes Street	Langa		7455	LANGA	GOODWOOD	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100051	18.528039	-33.94137	N	1193	9	R	604
1.05E+08	HOUTBAAI SEK.	English	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_South	1	NQ3	21	7904951	Marlin Cresce	HOUT BAY		7806	Marlin Crescent	HOUT BAY		7806	HOUT BAY	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100074	18.343034	-34.05308	Y	1329922	12	8	639
1.02E+08	ARCADIA SEN. SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6941736	Kareeweg 3	Bonteheuwel		7764	Kareeweg 3	Bonteheuwel			BONTEHEUWEL	BELLVILLE	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100050	18.556688	-33.94758	N	1321103	12	8	653
1.03E+08	CAMPS BAY HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4381507	P O Box 3215	CAMPS BAY		8040	1 Lower Kloof Road	CAMPS BAY		8040	CAMPS BAY	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100054	18.378287	-33.94403	Y	1321115	12	8	681
1.03E+08	SALT RIVER SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4481405	Rochester Rc	Salt River		7925	Rochester Road	Salt River			SALT RIVER	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100057	18.462767	-33.93548	Y	1321154	12	8	695
1.03E+08	TRAFALGAR SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	6	NQ5	21	4652969	Birchington R	Cape Town		8001	Birchington Road	Cape Town			CAPE CENTRAL	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100057	18.428216	-33.93318	Y	1321167	12	8	728
1.05E+08	S.A. COLLEGE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6894164	Private Bag X	Newlands	CAPE TOWN	7725	33 Newlands Avenue	Newlands	CAPE TOWN	7700	NEWLANDS	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100059	18.458594	-33.97105	Y	1329942	12	8	750
1.05E+08	RONDEBOSCH BOYS' HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6863987	Canigou Aver	Rondebosch		7700	Canigou Avenue	Rondebosch		7700	RONDEBOSCH	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100059	18.476767	-33.96829	Y	1329938	12	8	799
1.02E+08	BONTEHEUWEL SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	3	NQ4	21	6944654	Disselweg	Bonteheuwel		7764	Disselweg	Bonteheuwel		7764	BONTEHEUWEL	BELLVILLE	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100050	18.547322	-33.94788	Y	1321108	12	8	805
1.05E+08	GARLANDALE SEK.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6967908	General Stree	Athlone		7764	General Street	Athlone			ATHLONE	ATHLONE	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100060	18.49665	-33.96211	Y	1321125	12	8	823
1.05E+08	SPES BONA HS.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_Central	1	NQ5	21	6971100	P O Box 47	Athlone		7764	Jan Smuts Drive	Athlone		7764	HAZENDAL	ATHLONE	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100049	18.5076	-33.9582	N	1321161	12	8	858
1.03E+08	MAITLAND SEK.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	4	Met_Central	3	NQ4	21	5113772	Stasieweg	Maitland		7405	Stasieweg	Maitland		7405	MAITLAND	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100056	18.483169	-33.92035	Y	1321141	12	8	880
1.05E+08	WESTERFORD HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6899154	Main Road	Rondebosch	CAPE TOWN	7700	220 Main Road	Rondebosch	CAPE TOWN	7700	RONDEBOSCH	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100059	18.464763	-33.96904	Y	1329957	12	8	914
1.05E+08	MANENBERG SEK.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_Central	4	NQ4	21	6910050	Tugelaweg	MANENBERG		7764	Tugelastraat	MANENBERG			MANENBERG	ATHLONE	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100042	18.551866	-33.99601	Y	1321142	12	8	934
1.05E+08	LIVINGSTONE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6715986	P O Box 2058	Clareinch		7740	100 Lansdowne Rd	CLAREMONT			CLAREMONT	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100058	18.474931	-33.98449	Y	1329926	12	8	952
1.05E+08	RHODES HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6898228	Montreal Ave	Mowbray		7700	Montreal Avenue	Mowbray			MOWBRAY	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100058	18.480784	-33.94483	Y	1329937	12	8	963
1.05E+08	OAKLANDS SEK.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	5	NQ5	21	7617302	P.O. Box 362	Glosderry		7702	Chukker Road	Lansdowne			LANSDOWNE	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100060	18.493575	-33.98986	N	1321148	12	8	1039
1.06E+08	INTSHUKUMO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_South	2	NQ3	21	6371803	Private Bag X	Guguletu		7751	Ny 50	Gugulethu			GUGULETHU	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100042	18.561672	-33.99298	N	1326609	12	8	1072
1.03E+08	WALMER SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4472739	40 Marsden R	Walmer Estat	WOODSTOCK	7925	40 Marsden Road	Walmer Estate	WOODSTOCK	7925	WOODSTOCK	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100057	18.441894	-33.93778	Y	1191	12	8	1103
1.05E+08	SENTINEL PRIM.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	2	Met_South	5	NQ3	21	7901560	Haweweg	Houtbaai		7800	Haweweg	Houtbaai		7800	HOUT BAY	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100074	18.343029	-34.05436	Y	9981	9	R	1123
1.02E+08	MODDERDAM SEK.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	3	Met_North	6	NQ4	21	6947785	Bonteheuwell	Bonteheuwel		7764	Bonteheuwellaan 281	Bonteheuwel			BONTEHEUWEL	BELLVILLE	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100031	18.559985	-33.95603	Y	1321145	12	8	1149
1.03E+08	ZONNEBLOEM NEST SENIOR SCHOOL	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	2	Met_Central	3	NQ5	21	4615308	P.O. Box 216	WOODSTOCK		7915	Cambridge Street	Walmer Estate	WOODSTOCK	7915	WOODSTOCK	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100057	18.439269	-33.93389	Y	1321174	12	8	1180
1.06E+08	I. D. MKIZE SEN SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	5	Met_South	6	NQ3	21	6336459	P.O. Box 564	Gatesville		7766	N Y 50	Gugulethu		7750	GUGULETHU	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100041	18.567748	-33.99114	Y	1326607	12	8	1229
1E+08	CLAREMONT HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO CENTRAL	1	Met_Central	1	NQ5	21	6710645	Molteno Road	CLAREMONT		7708	Molteno Road	CLAREMONT		7708	KENILWORTH	KENILWORTH	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100059	18.469091	-33.98801	N		11	8	1281
1.02E+08	ZIMASA PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO CENTRAL	4	Met_Central	4	NQ3	21	6942775	Po Box 2	LANGA		7455	Washington Street	Langa			LANGA	GOODWOOD	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100051	18.540184	-33.94453	Y	1155	9	R	1501
1.1E+08	MACASSAR SEK	Dual Afr/Er	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	8	NQ5	21	8571090	Posbus 36	Firgrove		7110	Ringlaan	Macassar			MACASSAR	SOMERSET WEST	SOMERSET WE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100109	18.764907	-34.06322	N	1337724	12	8	772
1.03E+08	THEMBELIHLE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	6	NQ2	21	3642144	P O Box 3873	Cape Town		8000	Govan Mbeki Road	Town 2	KHAYELITSHA		KHAYELITSHA-TOWN2	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100097	18.677005	-34.0408	N	1331166	12	8	886
1.07E+08	TUSCANY GLEN SEC.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	3	NQ5	21	9093239	P.O. Box 485	EERSTE RIVER		7100	Vanguard Road	Tuscany Glen	EERSTE RIVER	7100	EERSTERIVIER	EERSTERIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100017	18.699754	-34.00175	N	1334483	12	8	1006
1.07E+08	BLACKHEATH SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	5	NQ5	21	9054848	Posbus 163	Blackheath		7581	Meterensingel	Dennemere	BLACKHEATH	7581	DENNEMERE	BLACKHEATH	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100014	18.704607	-33.98238	N	1334402	12	8	1047
1.11E+08	RUSTHOF SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	7	NQ4	21	8457081	Posbus 468	STRAND		7140	Broadlandsweg	STRAND		7140	STRAND	STRAND	STRAND	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100086	18.857498	-34.12713	Y	1337735	12	8	1078
1.11E+08	STRAND HS	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	7	NQ5	21	8531056	Sarel Cillierss	STRAND		7140	Sarel Cilliersstraat 205	STRAND		7140	STRAND	STRAND	STRAND	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100083	18.839386	-34.10196	Y	1337740	12	8	1091
1.06E+08	UXOLO HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	5	NQ3	21	3673706	P O Box 275	Khayelitsha		7784	Bathandwa Ndodo Road	20 Section	MANDELA PARK		KHAYELITSHA-MAKHAYA	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100094	18.6812	-34.04912	N	1334437	12	8	1100
1.06E+08	IQHAYIYA SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	5	NQ3	21	3615563	P O Box 175	Khayelitsha		7784	44 Mateta Street	I - Section	KHAYELITSHA		KHAYELITSHA	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100094	18.676585	-34.03265	N	1336665	12	8	1124
1.11E+08	STRAND SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	7	NQ4	21	8532413	Posbus 612	STRAND		7139	H/V Onverwacht- En 12	STRAND		7139	STRAND	STRAND	STRAND	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100086	18.84902	-34.12291	N	1337741	12	8	1131
1.07E+08	KALKFONTEIN PRIM	Afr/Eng/Xh	English	ORDINARY	PUBLIC	Intermediate School	METRO EAST	5	Met_East	1	NQ4	21	9065330	P.O. Box 473	Kuils River	KUILS RIVER	7579	C/O Belhar Road & Isob	Kalkfontein	KUILS RIVER	7100	KUILSRIVIER	KUILSRIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100011	18.670385	-33.94296	N		9	R	1158
1.07E+08	KLEINVLEI SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	5	NQ5	21	9041217	Posbus 177	Eersterivier		7103	Ixiastraat	Kleinvlei	EERSTERIVIER	7103	KLEINVLEI	EERSTERIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100014	18.71248	-33.98786	N	1334422	12	8	1173
1.07E+08	FOREST HEIGHTS HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	1	NQ5	21	9045802	Posbus 271	Eersterivier		7103	Bloekomlaan	Forest Heights	EERSTERIVIER		FOREST VILLAGE	EERSTERIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100017	18.708305	-34.0023	N	1334412	12	8	1207
1.06E+08	JOE SLOVO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	1	NQ2	21	3613352	Private Bag X	Khayelitsha		7784	Kusasa Road	Khayelitsha			KHAYELITSHA-SECTC	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100092	18.657692	-34.03243	N	1334421	12	8	1211
1.06E+08	MANYANO HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	4	Met_East	1	NQ3	21	3611110	Box 4	Khayelitsha		7784	Msobomvu Drive	Ilitha Park	KHAYELITSHA		KHAYELITSHA	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100092	18.664352	-34.04684	N	1336651	12	8	1221
1.06E+08	INTLANGANISO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	4	NQ2	21	N/A	P O Box 4039	Elonwabeni		7791	Njongo Street	Site C	KHAYELITSHA		KHAYELITSHA-SITE C	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100018	18.641669	-34.01312	N	1334419	12	8	1233
1.11E+08	KHANYOLWETHU SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	7	NQ3	21	8455290	P O Box 441	STRAND		7139	Noxolo Street	Lwandle	STRAND		LWANDLE	STRAND	STRAND	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100086	18.865033	-34.1189	N	1337718	12	8	1247
1.1E+08	KHAYELITSHA NO 1 SENIOR SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	8	NQ2	21	3650601	P O Box 450	Mitchell'S Plain		7789	Tutu Avenue	Makaza	KHAYELITSHA		KHAYELITSHA-MACASSAR	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100096	18.69975	-34.04191	N	1334444	12	8	1261
1.03E+08	HARRY GWALA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	1	Met_East	4	NQ2	21	3627500	P.O. Box 100	BELHAR		7507	Hlehla Street	Macassar	KHAYELITSHA	7784	KHAYELITSHA-MACASSAR	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100097	18.695576	-34.049	Y	1334443	12	8	1292
1.03E+08	USASAZO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	4	NQ2	21	3641695	P.O. Box 401	Elonwabeni		7791	Bangiso Drive	Y Section Site B	KHAYELITSHA		KHAYELITSHA-SITE B	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100091	18.6585	-34.0258	N	1331168	12	8	1304
1.06E+08	CHRIS HANI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	6	Met_East	8	NQ2	21	3671838	P O Box 15	Khayelitsha		7784	C/O Cekeca And Lansdo	Makhaza	KHAYELITSHA		KHAYELITSHA-MACASSAR	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100096	18.706034	-34.0469	N	1334405	12	8	1347
1.06E+08	MATTHEW GONIWE MEMORIAL HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	3	Met_East	3	NQ2	21	3613385	P O Box 126	Khayelitsha		7784	Nyathi Street	Site B	KHAYELITSHA		KHAYELITSHA-SITE B	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100089	18.667614	-34.02201	Y	1334428	12	8	1380
1.06E+08	BULUMKO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	5	NQ3	21	3610257	P.O.Box 64	Khayelitsha		7784	31 Mongezi Street	F Section	KHAYELITSHA	7784	KHAYELITSHA-SECTF	KHAYELITSHA	MITCHELLS PL/	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100094	18.672728	-34.03881	N	1334404	12	8	1474
1.07E+08	DE KUILEN HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	5	Met_East	6	NQ5	21	9035121	Posbus 301	KUILSRIVIER		7579	Kerkstraat	KUILSRIVIER		7580	KUILSRIVIER	KUILSRIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100011	18.685121	-33.92561	Y	1334407	12	8	1484
1.07E+08	BRACKENFELL HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO EAST	2	Met_East	3	NQ5	21	9815522	Privaatsak X(	BRACKENFELL		7561	Roglandstraat	BRACKENFELL		7560	BRACKENFELL CENTRAL	BELLVILLE	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100102	18.687605	-33.87127	Y	1334403	12	8	1599
1.02E+08	VALHALLA SEK	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	4	NQ4	21	9320116	Newstraat	Elsiesrivier		7490	Newstraat 11	Elsiesrivier			VALHALLA PARK	ELSIES RIVER	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100030	18.563023	-33.92001	N	1342241	12	8	387
1.03E+08	BLOUBERGRANT SEC	Dual Afr/Eng		ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ5	21	5576390	P O Box 5079	West Beach		7449	6 Curlewis Road	Bloubergrant			BLOUBERGRANT	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100023	18.487498	-33.8175	N	1342261	12	8	454
1E+08	FISANTEKRAAL HS	Par: Afr/Eng		ORDINARY	PUBLIC	Secondary School	METRO NORTH	2		0	NQ1			C/O Dulla Om	Litchenberg S	DURBANVILLE	7550	C/O Dulla Omar	Litchenberg Str	DURBANVILLE	7550	DURBANVILLE	DURBANVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100105	18.721786	-33.77955	N		10	8	539
1.02E+08	ELSWOOD SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	6	NQ4	21	9326012	Posbus 79	Elsiesrivier		7480	Eppinglaan	Elsiesrivier			LEONSDALE	ELSIES RIVER	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100026	18.577465	-33.91579	N	1342216	12	8	584
1.02E+08	GOODWOOD KOLLEGE	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	4	NQ4	21	5346246	Paul Krugerla	Ruyterwacht		7460	Paul Krugerlaan	Ruyterwacht			RUYTERWACHT	GOODWOOD	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100030	18.554795	-33.91474	Y	1342211	12	8	683
1.01E+08	ALPHA PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	7	Met_North	2	NQ4	21	9761493	Posbus 399	Morningstar	DURBANVILLE	7550	H/V Skool- En Kerkstraa	Morningstar	DURBANVILLE		MORNING STAR	DURBANVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100103	18.655218	-33.82818	Y	1198	9	R	753
1.07E+08	KUILS RIVER TECHNICAL SEC	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_East	6	NQ4	21	9060040	P.O. Box 105	KUILSRIVIER		7580	22-40 Driebergen Road	Highbury	KUILS RIVER	7580	KUILSRIVIER	KUILSRIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100019	18.675388	-33.94982	N	1344482	12	8	776
1.01E+08	EBEN DONGES HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ5	21	9887430	Posbus 93	Kraaifontein		7569	Van Der Bylstraat	Kraaifontein			BELMONT PARK	BELLVILLE	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100111	18.728585	-33.84568	Y	1344408	12	8	794
1.05E+08	SILVERSANDS SEC.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_East	6	NQ4	21	9066688	P O Box 1231	Kuils River		7579	100 Highbury Road	Kuils River		7580	KUILS RIVER	KUILSRIVIER	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100019	18.680257	-33.94861	Y	1344491	12	8	816
1.07E+08	BARDALE SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1		0	NQ2	21	9096742	P.O Box 5113	Mfuleni		7100	Cnr Jury & Parliament S	MFULENI		7100	MFULENI	BLACKHEATH	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100108	18.677778	-33.99217	Y		12	8	840
1.07E+08	WEST BANK HS	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_East	3	NQ3	21	9552424	P.O. Box 983	Kuils River		7579	Beaverstraat	WESBANK		7580	WESBANK	MALMESBURY	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100019	18.659218	-33.97362	Y	1344411	12	8	885
1.01E+08	PERSEVERANCE SEK	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ4	21	9526116	Alabamalaan	Uitbreiding 13	BELHAR	7493	Alabamalaan	Uitbreiding 13	BELHAR	7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100012	18.644731	-33.94842	Y	1342229	12	8	930
1.07E+08	HINDLE HS	Par: Afr/Eng		ORDINARY	PUBLIC	Secondary School	METRO NORTH	3		0	NQ4	21	9553673	P.O. Box 101	BELHAR		7507	Owen Madikane Str	Rustin Olive Str	DELFT	7100	DELFT	KUILSRIVER	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100106	18.636775	-33.9766	N		12	8	946
1.32E+08	SAXONSEA SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	2	Met_North	2	NQ4	21	5721399	Posbus 993	Reygersdal		7352	Hermeslaan	Saxon-Sea	ATLANTIS		SAXON-SEA	ATLANTIS	MALMESBURY	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100029	18.486	-33.54875	N	1345518	12	8	992
1.01E+08	D.F. MALAN HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_North	1	NQ5	21	9488781	Frans Conrad	BELLVILLE		7530	Frans Conradierylaan	BELLVILLE		7530	BELLVILLE CENTRAL	BELLVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100002	18.627111	-33.89368	Y	1342212	12	8	1055
1.03E+08	MILNERTON HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ5	21	5512217	Pienaar Road	Milnerton		7441	Pienaar Road	Milnerton			MILNERTON	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100004	18.496813	-33.87177	Y	1341144	12	8	1075
1.32E+08	ROBINVALE HS	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	2	Met_North	2	NQ5	21	5722113	Posbus 1025	Reygersdal	ATLANTIS	7352	Fiskaalstraat	Robinvale	ATLANTIS	7352	ROBINVALE	ATLANTIS	MALMESBURY	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100032	18.50444	-33.56679	Y	1345517	12	8	1097
1.01E+08	BELLVILLE-SUID SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ4	21	9515270	Posbus 367	Kasselsvlei		7535	Oopstraat	Bellville-Suid			BELLVILLE SOUTH	BELLVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100009	18.637909	-33.91941	Y	1342207	12	8	1125
1.07E+08	WALLACEDENE SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ3	21	9875715	Po Box 478	Kraaifontein		7569	29342 Walter Sisulu Str	Wallacedene	KRAAIFONTEIN	7570	WALLACEDENE	KRAAIFONTEIN	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100006	18.73065	-33.86028	N	4484	11	8	1134
1.02E+08	EDGEMEAD HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	3	NQ5	21	5581132	Letchworth D	Edgemead		7441	Letchworth Drive	Edgemead			EDGEMEAD	GOODWOOD	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100005	18.552306	-33.87163	Y	1342214	12	8	1158
1.01E+08	BELLVILLE HTS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ5	21	9486951	Privaatsak X4	Sanlamhof		7532	H/V Strand En Kollegew	Labiance	BELLVILLE	7532	LABIANCE	BELLVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100003	18.66192	-33.91245	Y	1342206	12	8	1161
1.06E+08	HLENGISA PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO NORTH	3	Met_South	6	NQ3	21	3861325	P.O.Box 53	Nyanga		7755	Hlati Road	White City	NYANGA		NYANGA	NYANGA	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100036	18.588459	-33.99025	Y		9	R	1179
1.01E+08	BELHAR SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	6	Met_North	1	NQ5	21	9522147	Suikerbossiew	BELHAR		7493	Suikerbossieweg	BELHAR		7493	BELHAR	BELLVILLE	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100022	18.610716	-33.94457	Y	1342203	12	8	1182
1.03E+08	INKWENKWEZI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	4	Met_North	4	NQ3	21	5568710	P O Box 381	Table View		7439	91 Waxberry Street	Du Noon	KILLARNEY	7441	MILNERTON	CAPE TOWN	CAPE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100104	18.541814	-33.81246	Y	1342249	12	8	1189
1.01E+08	RAVENSMEAD SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	5	NQ4	21	9319300	Posbus 1717	Ravensmead		7504	H/V De La Reyweg & UI	Ravensmead			RAVENSMEAD	PAROW	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100025	18.600558	-33.92795	Y	1342233	12	8	1241
1.07E+08	LEIDEN SEC.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_North	3	NQ4	21	9542688	PO Box 3055	DELFT		7102	C/O Leiden & Jan Disse	Leiden	DELFT	7100	DELFT	KUILSRIVIER	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100013	18.63642	-33.97069	Y	1342265	12	8	1277
1.06E+08	DR. NELSON R. MANDELA HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_South	4	NQ2	21	3861150	P O Box 133	PHILLIPI		7781	Cnr Lansdowne & Eislel	CROSSROADS	CNR Ieslebern Road		OLD CROSSROADS	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100036	18.595025	-33.99845	Y	1346604	12	8	1290

	1.07E+08	HECTOR PETERSON SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ2	21	9873729	Private Bag 1	Kraaifontein		7569	cnr of Pedro & Mandlaka	Wallacedene	KRAAIFONTEIN		WALLACEDENE	KRAAIFONTEIN	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100006	18.73228	-33.85942	N	1344415	12		8	1331
	1.07E+08	BLOEKOMBOS SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ1	21	9881115	P O Box 149	Kraaifontein		7569	Old Paarl Road	Bloekombos	KRAAIFONTEIN	7570	BLOEKOMBOS	KRAAIFONTEIN	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100101	18.742231	-33.8445	N	1344454	12		8	1361
	1.06E+08	NEW EISLEBEN SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_South	6	NQ3	21	3867771	P.O. Box 117	Cape Town		8000	Cnr Stulo & New Eislebe	CROSSROADS		7755	NYANGA	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100036	18.592109	-33.9909	N	1346658	12		8	1388
	1.07E+08	MFULENI SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	1	Met_North	1	NQ3	21	9093305	P.O Box 201	Kuils River		7579	T Tokwana Street	Extention 6	MFULENI	7100	MFULENI	BLACKHEATH	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100108	18.67033	-33.98989	Y	1342270	12		8	1437
	1.07E+08	MASIBAMBANE SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO NORTH	7	Met_East	2	NQ1	21	9876075	P O Box 182	Kraaifontein		7569	Old Paarl Road	Bloekombos	KRAAIFONTEIN		BLOEKOMBOS	KRAAIFONTEIN	KUILSRIVIER	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100101	18.747978	-33.84275	Y	1344468	12		8	1467
	1.07E+08	VOORBRUG SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	3	Met_North	3	NQ3	21	9543040	Posbus 3048	DELFT		7100	Voorbrugweg	Voorbrug	DELFT	7100	DELFT	KUILSRIVIER	BELLVILLE	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100020	18.651717	-33.97327	Y	1344438	12		8	1469
	1.02E+08	ELSIESRIVIER SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO NORTH	5	Met_North	6	NQ4	21	9325085	Haltweg	Elsiesrivier		7490	Haltweg	Elsiesrivier		7490	NORWOOD	ELSIES RIVER	GOODWOOD	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100028	18.570112	-33.92383	Y	1342215	12		8	1505
	1.05E+08	LOTUS SEK.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	5	NQ5	21	7031544	Park Crescen	Grassy Park		7941	Park Crescent	Grassy Park		7941	GRASSY PARK	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100066	18.511226	-34.02704	Y	1369927	12		8	418
	1.05E+08	IMMACULATA RK SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	7	NQ5	21	7611930	P O Box 1841	Wynberg		7824	Clare Road	Wittebome		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100063	18.472583	-34.01396	Y	1369923	12		8	485
	1.05E+08	LOURIER PRIM.	Par: Afr/En	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	1	Met_South	3	NQ4	21	7136753	Blagden Stree	Retreat		7945	Blagden Street	Retreat		7945	RETREAT	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100110	18.482043	-34.05998	Y		9	R		539
	1.06E+08	NOBANTU PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	4	NQ3	21	6331591	P. O. Box 145	Guguletu		7751	N Y 89	Gugulethu			GUGULETHU	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100038	18.570093	-33.99574	Y	6661	9	R		607
	1.06E+08	WALTER TEKA PUB. PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	5	NQ2	21	3863430	P O Box 68	Guguletu		7751	4th Street	Nyanga		7755	NYANGA	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100038	18.580855	-33.99394	N		9	R		662
	1.04E+08	MUIZENBERG HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	5	NQ5	21	7881424	P.O. Box 6	Muizenberg		7950	Dover Road	Muizenberg			MUIZENBERG	WYNBERG	SIMONS TOWN	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100064	18.476996	-34.09747	Y	1369928	12		8	706
	1.06E+08	STRANDFONTEIN SEK.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	4	NQ5	21	3932100	Frigateweg	Strandfontein		7798	Frigateweg	Strandfontein			STRANDFONTEIN	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100043	18.553198	-34.07681	Y	1366631	12		8	745
	1.06E+08	VUYISEKA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	2	NQ2	21	3713008	P O Box 941	Cape Town		8000	Sheffield Road	Philippi East			PHILLIPI	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100088	18.601378	-34.00816	Y	1366634	12		8	801
	1.05E+08	GRASSDALE HOeR	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	4	NQ5	21	7061816	Vierdelaan	Grassy Park		7945	Vierdelaan	Grassy Park			GRASSY PARK	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100065	18.5041	-34.0432	N	1369915	12		8	810
	1.06E+08	LINGE PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	4	Met_South	3	NQ2	21	3850063	P O Box 142	Nyanga		7755	Sibini Avenue	Nyanga		7755	NYANGA	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100037	18.587059	-33.99851	Y	6669	9	R		819
	1.05E+08	HEATHFIELD HS	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	3	NQ5	21	7154622	Consta Road	Heathfield		7945	Consta Road	Heathfield		7945	HEATHFIELD	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100072	18.466472	-34.05188	Y	1369920	12		8	866
	1.05E+08	WYNBERG SEK.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	6	NQ5	21	7970017	Cheddar Roa	Wynberg		7800	Cheddar Road	Wynberg		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100063	18.47875	-34.0132	Y	1369962	12		8	897
	1.05E+08	CRESTWAY SEC.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	1	Met_South	4	NQ4	21	7011551	Concert Boule	Retreat		7945	Concert Boulevard	Retreat			RETREAT	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100072	18.477958	-34.06308	N	1369908	12		8	903
	1.05E+08	WITTEBOME HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	6	NQ5	21	7611535	Ottery Road	Wynberg		7800	Ottery Road	Wynberg		7800	WYNBERG	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100063	18.474666	-34.00844	Y	1369959	12		8	939
	1.06E+08	OSCAR MPETHA HS	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	4	Met_South	2	NQ2	21	3863498	P O Box 106	Guguletu		7751	NO 8 Emms Drive	Nyanga		7755	NYANGA	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100037	18.583454	-33.99395	N	1366616	12		8	972
	1.05E+08	SOUTH PENINSULA HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	1	NQ5	21	7129318	Old Kendal Ro	Diep River		7945	Old Kendal Road	Diep River			PLUMSTEAD	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100073	18.461666	-34.02929	N	1369949	12		8	1022
	1.05E+08	BERGVLIET HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	1	NQ5	21	7120284	Firgrove Way	BERGVLIET		7806	Firgrove Way	BERGVLIET		7806	BERGVLIET	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100071	18.452426	-34.04104	Y	1369903	12		8	1034
	1.05E+08	PLUMSTEAD HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	2	Met_South	5	NQ5	21	7618066	Basil Road	Plumstead		7800	Basil Road	Plumstead		7800	PLUMSTEAD	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100063	18.484802	-34.02178	Y	1369933	12		8	1042
	1.05E+08	GRASSY PARK SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	3	Met_South	4	NQ5	21	7062369	Cnr Victoria R	Grassy Park		7941	Cnr Sixth Avenue/Victori	Grassy Park			GRASSY PARK	WYNBERG	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100110	18.497029	-34.05097	Y	1369916	12		8	1061
	1.06E+08	SITHEMBELE MATISO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	4	Met_South	3	NQ3	21	3851371	P O Box 52	GUGULETHU		7751	78 C/O Koornof Street &	New Cross Roads			GUGULETHU	CAPE TOWN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100038	18.574078	-33.99674	N	1366629	12		8	1105
	1.06E+08	ZISUKHANYO SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	5	NQ3	79	2014187	Po Box 921	Westridge		7802	Oliver Tambo Drive	Weltevreden Valley			WELTEVREDEN VALLEY	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100075	18.579619	-34.01817	Y	1366636	12		8	1114
	1.06E+08	ALOE JUN. HS	Par: Afr/En	English	ORDINARY	PUBLIC	Intermediate School	METRO SOUTH	6	Met_South	1	NQ5	21	3710467	Aloeweg	Lentegeur	MITCHELLS PLAIN	7785	Aloeweg 16	Lentegeur	MITCHELLS PLAIN	7785	LENTEGEUR	MITCHELL'S PLAIN	MITCHELLS PL	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100076	18.607787	-34.03106	Y	6672	9		7	1124
	1.06E+08	PHAKAMA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	7	NQ2	82	8942218	P O Box 2322	CLAREMONT		7735	Sinqolamthi Road	Lower Crossroads	PHILIPPI EAST	7785	PHILLIPI	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100035	18.613007	-34.00916	Y	1366618	12		8	1149
	1.06E+08	PHANDULWAZI HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	7	NQ3	21	3885540	P.O.Box 359	MITCHELLS PLAIN		7789	15 15 Ngqwangi Drive	Lower Cross Roads	PHILLIPI EAST		PHILLIPI EAST	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100035	18.62393	-34.00611	N	1369971	12		8	1184
	1.06E+08	BEACON HILL SEK.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	6	Met_South	6	NQ4	21	3761300	Posbus 148	MITCHELLS PLAIN		7789	Imperiallaan	Beacon Valley	MITCHELLS PLAIN	7789	BEACON VALLEY	MITCHELL'S PLAIN	MITCHELLS PL	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100079	18.629361	-34.04538	Y	1366602	12		8	1200
	1.06E+08	GLENDALE SEC.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	5	NQ4	21	3927161	C/O Caravelle	Rocklands	MITCHELL'S PLAIN	7785	C/O Caravelle & Weltev	Rocklands	MITCHELLS PLAIN	7798	ROCKLANDS	MITCHELL'S PLAIN	MITCHELLS PL	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100081	18.609021	-34.06885	Y	1366606	12		8	1219
	1.06E+08	INTSEBENZISWANO SEC	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	1	NQ2	21	3726556	P.O. Box 165	GUGULETHU		7751	Tywaka Road	Philippi		7785	PHILLIPI	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100080	18.580654	-34.00658	N	1366657	12		8	1298
	1.06E+08	MONDALE HS.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	1	NQ5	21	3927031	Merrydale Ave	Portlands	MITCHELLS PLAIN	7785	Merrydale Avenue	Portlands	MITCHELLS PLAIN	7785	PORTLANDS	MITCHELL'S PLAIN	MITCHELLS PL	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100081	18.616944	-34.05533	Y	1366615	12		8	1311
	1.06E+08	SPINE ROAD SEC.	Par: Afr/En	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	5	NQ5	21	3929463	C/O Spine- &	Rocklands	MITCHELL'S PLAIN	7785	C/O Spine- & Merrydale	Rocklands	MITCHELLS PLAIN	7785	ROCKLANDS	MITCHELL'S PLAIN	MITCHELLS PL	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100081	18.620362	-34.06058	Y	1366628	12		8	1385
	1.06E+08	SINETHEMBA SEC.	English	English	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	5	Met_South	7	NQ2	21	3742937	P.O. Box 90	PHILLIPI		7784	Sagwityi Street	Brown'S Farm	PHILIPPI	7784	PHILLIPI	MITCHELL'S PLAIN	WYNBERG	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100034	18.590026	-34.01158	N	1366626	12		8	1391
	1.06E+08	ROCKLANDS SEC.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	METRO SOUTH	7	Met_South	1	NQ5	21	3927139	Cnr Cedars A	Rocklands	MITCHELL'S PLAIN	7798	Cnr Cedars Ave & Eisle	Rocklands			ROCKLANDS	MITCHELL'S PLAIN	MITCHELLS PL	CITY OF CAPE TOWN	CITY OF CAPE TOWN	19100081	18.609194	-34.05785	Y	1366623	12		8	1482
	1.14E+08	RIVIERSONDEREND HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	OVERBERG	3	Overberg	10	NQ3	28	2611215	Posbus 9	Riviersonderend		7250	Voortrekkerweg 22	Riviersonderend		7250	RIVIERSONDEREND	RIVIERSONDEREND	CALEDON	OVERBERG	THEEWATERSKLOOF	10301001	19.916547	-34.14372	Y	1388842	12	P		385
	1.17E+08	SUURBRAAK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	OVERBERG	1	Overberg	8	NQ2	28	5221826	Posbus 15	Suurbraak		6743	Skoolstraat	Suurbraak		6743	SUURBRAAK	SWELLENDAM	SWELLENDAM	OVERBERG	SWELLENDAM	10304003	20.650108	-34.00754	Y	8909	9	R		452
	1.17E+08	BARRYDALE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	OVERBERG	1	Overberg	8	NQ3	28	5721228	Posbus 13	BARRYDALE		6750	Tennantstraat	BARRYDALE		6750	BARRYDALE	BARRYDALE	SWELLENDAM	OVERBERG	SWELLENDAM	10304002	20.724751	-33.89928	Y	1388804	12	R	.	
	1.15E+08	MASAKHANE PRIM	Par: Xhosa	English	ORDINARY	PUBLIC	Intermediate School	OVERBERG	2	Overberg	9	NQ2	87	1502769	P.O. Box 881	Gansbaai		7220	1933 Mandela Street	Masakhane	GANSBAAI	7220	GANSBAAI	GANSBAAI	HERMANUS	OVERBERG	OVERSTRAND	10302001	19.358722	-34.5916	N		9	R		505
	1.14E+08	OVERBERG HS	Dual Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ5	28	2123083	Posbus 183	Caledon		7230	Venterweg	Caledon		7230	CALEDON	CALEDON	CALEDON	OVERBERG	THEEWATERSKLOOF	10301004	19.425665	-34.22591	Y	1388839	12		8	534
	1.14E+08	SWARTBERG SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ3	28	2121470	Posbus 227	Caledon		7230	Koalisiestraat 10	Bergsig	CALEDON		BERGSIG	CALEDON	CALEDON	OVERBERG	THEEWATERSKLOOF	10301003	19.444498	-34.24664	Y	1388846	12		8	647
	1.15E+08	GANSBAAI ACADEMIA	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	2	Overberg	0	NQ3	28	3842370	P.O. Box 723	Gansbaai		7220	Kampeerweg	Blompark	GANSBAAI	7220	GANSBAAI	GANSBAAI	HERMANUS	OVERBERG	OVERSTRAND	10302002	19.351894	-34.59498	Y		12		8	684
	1.14E+08	DE RUST FUTURA AKADEMIE	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	OVERBERG	2	Overberg	9	NQ3	21	8440448	Posbus 112	Grabouw		7160	Patryslaagte	De Rust Landgoed	GRABOUW	7160	GRABOUW	GRABOUW	CALEDON	OVERBERG	THEEWATERSKLOOF	10301007	19.076942	-34.17628	Y	1388885	12	R		717
	1.15E+08	HAWSTON SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	2	Overberg	9	NQ3	28	3151992	Posbus 36	HAWSTON		7202	Kerkstraat	HAWSTON		7202	HAWSTON	HAWSTON	HERMANUS	OVERBERG	OVERSTRAND	10302008	19.130656	-34.3795	N	1388823	12		8	749
	1.15E+08	HERMANUS HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	2	Overberg	9	NQ5	28	3123760	Posbus 132	Hermanus		7200	Moffatstraat	Hermanus			HERMANUS	HERMANUS	HERMANUS	OVERBERG	OVERSTRAND	10302003	19.242511	-34.41032	Y	1388826	12		8	818
	1.17E+08	SWELLENDAM HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	1	Overberg	8	NQ5	28	5141361	Posbus 141	SWELLENDAM		6740	Buitekantstraat 29	SWELLENDAM		6740	SWELLENDAM	SWELLENDAM	SWELLENDAM	OVERBERG	SWELLENDAM	10304001	20.436665	-34.02209	Y	1388847	12		8	1029
	1.17E+08	SWELLENDAM SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	1	Overberg	8	NQ3	28	5142257	Posbus 335	SWELLENDAM		6740	Ringstraat	SWELLENDAM		6740	SWELLENDAM	SWELLENDAM	SWELLENDAM	OVERBERG	SWELLENDAM	10304005	20.445171	-34.04078	Y	1388848	12		8	1041
	1.14E+08	DE VILLIERS GRAAFF HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	OVERBERG	3	Overberg	7	NQ5	28	8401640	Posbus 32	VILLIERSDORP		6848	H/V Ham- & Graaffstraat	Villiersdorp		6848	VILLIERSDORP	VILLIERSDORP	CALEDON	OVERBERG	THEEWATERSKLOOF	10301005	19.29183	-33.9855	Y	1388814	12		8	1572
	1.14E+08	UMYEZO WAMA APILE PRIM.	Par: Xhosa	English	ORDINARY	PUBLIC	Combined School	OVERBERG	2	Overberg	7	NQ1	21	8595221	P O Box 609	Grabouw		7160	Escom Building	Old Cape Road	GRABOUW	7160	GRABOUW	GRABOUW	CALEDON	OVERBERG	THEEWATERSKLOOF	10301012	18.987196	-34.1604	N	1388914	12	R		1903
	1.38E+08	LUTZVILLE HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2171006	Posbus 6	Lutzville		8165	Stasieweg	Lutzville			LUTZVILLE	LUTZVILLE	VREDENDAL	WEST COAST	MATZIKAMA	10101001	18.34147	-31.55803	Y	1375510	12		1	397
	1.33E+08	VELDDRIF HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7830028	Posbus 32	Velddrif		7365	H/V Voortrekker & Leliel	Velddrif			VELDDRIF	VELDDRIF	VREDENBURG	WEST COAST	BERGRIVIER	10103007	18.1706	-32.7855	Y	1375524	12	R		413
	1.34E+08	JURIE HAYES PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ2	22	7661568	Posbus 47	Vredenburg		7380	Langeenheidstasie	Vredenburg			VREDENBURG	VREDENBURG	HOPEFIELD	WEST COAST	SALDANHA BAY	10104008	18.097081	-32.94633	Y	5562	9	R		464
	1.36E+08	GRAAFWATER HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	4	Westcoast/Winelands	8	NQ4	27	4221009	Posbus 4	Graafwater		8120	H/V Hoof & Van Der Ste	Graafwater			GRAAFWATER	GRAAFWATER	CLANWILLIAM	WEST COAST	CEDERBERG	10102004	18.604597	-32.15536	Y	1375508	12	R		517
	1.38E+08	EBENHAESER PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	2171611	Posbus 123	Lutzville		8165	Skoolstraat 152	Nuwestasie	EBENHAESER	8149	VREDENDAL	VREDENDAL	VREDENDAL	WEST COAST	MATZIKAMA	10101002	18.23956	-31.58304	Y	5570	9	R		535
	1.31E+08	HOPEFIELD HS.	Dual Afr/En	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7230040	Posbus 23	Hopefield		7355	Stasiestraat 5	Hopefield			HOPEFIELD	HOPEFIELD	HOPEFIELD	WEST COAST	SALDANHA BAY	10104007	18.350742	-33.06542	Y	1375509	12	P		549
	1.36E+08	CLANWILLIAM SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	4	Westcoast/Winelands	8	NQ3	27	4821708	Posbus 233	CLANWILLIAM		8135	Ou Kaapseweg	CLANWILLIAM			CLANWILLIAM	CLANWILLIAM	CLANWILLIAM	WEST COAST	CEDERBERG	10102003	18.889454	-32.18946	Y	1375505	12		8	607
	1.32E+08	MEIRING PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	1	Westcoast/Winelands	5	NQ3	22	4481393	Posbus 16	Riebeek-Kasteel		7307	Leliestraat 1	Riebeeck-Kasteel		7307	RIEBEEK-KASTEEL	RIEBEEK-KASTEEL	MALMESBURY	WEST COAST	SWARTLAND	10105012	18.91627	-33.38231	Y	5550	9	R		681
	1.32E+08	SWARTLAND HS.	Dual Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	1	Westcoast/Winelands	5	NQ5	22	4821469	Posbus 253	Malmesbury		7299	Dirkie Uysstraat	Malmesbury		7300	MALMESBURY	MALMESBURY	MALMESBURY	WEST COAST	SWARTLAND	10105010	18.732925	-33.45627	Y	1375522	12		8	733
	1E+08	CEDERBERG ACADEMY	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	4		0	NQ4	22	9213106	Posbus 372	CITRUSDAL		7340	Heuwelsingel	CITRUSDAL		7340	CITRUSDAL	CITRUSDAL	CLANWILLIAM	WEST COAST	CEDERBERG	10102002	19.011434	-32.57759	N		12		8	771
	1.34E+08	ST. HELENABAAI INTER.	Afr/Eng/Xh	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7361310	Posbus 40	St Helenabaai		7390	Skoolstraat	St Helenabaai			ST HELENABAAI	ST HELENABAAI	VREDENBURG	WEST COAST	SALDANHA BAY	10104012	18.061589	-32.78681	Y	5563	9	R		811
	1.38E+08	UITKYK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ2	27	2171080	Posbus 87	Lutzville		8165	Suikerhoekstraat	Lutzville		8165	LUTZVILLE	LUTZVILLE	VREDENDAL	WEST COAST	MATZIKAMA	10101001	18.343002	-31.55332	Y	5541	9	R		828
	1.34E+08	VREDENBURG HS.	Par: Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	3	Westcoast/Winelands	7	NQ5	22	7131151	Posbus 96	Vredenburg		7380	Skoolstraat	Vredenburg		7380	VREDENBURG	VREDENBURG	VREDENBURG	WEST COAST	SALDANHA BAY	10104008	17.989944	-32.90487	Y	1375525	12		8	917
	1.34E+08	NOORDHOEK PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7830481	Posbus 233	Velddrift		7365	Noordhoekweg 1	Laaiplek	VELDDRIF	7365	LAAIPLEK	LAAIPLEK	VREDENBURG	WEST COAST	BERGRIVIER	10103007	18.161159	-32.76785	Y	5553	9	R		978
	1.33E+08	AURORA HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ3	22	9521660	Posbus 23	Aurora		7325	Skoolstraat 14	Aurora			AURORA	AURORA	PIKETBERG	WEST COAST	BERGRIVIER	10103006	18.486049	-32.70455	Y	5539	9	R		1011
	1.33E+08	WILLEMSVALLEI PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ4	22	9312505	Posbus 129	Porterville		6810	Loeriestraat 1	Porterville		6810	PORTERVILLE	PORTERVILLE	PIKETBERG	WEST COAST	BERGRIVIER	10103002	18.987156	-33.0235	Y	5558	9	R		1093
	1.33E+08	STAWELKLIP MOR PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	2	Westcoast/Winelands	6	NQ1	22	9145701	Posbus 267	Piket Bo Berg	PIKETBERG	7320	Stawelklip Plaas	Piket Bo Berg	PIKETBERG	7320	PIKETBERG	PIKETBERG	PIKETBERG	WEST COAST	BERGRIVIER	10103005	18.711851	-32.78187	Y	5567	9	R		1103
	1.38E+08	VREDENDAL SEK.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	5	Westcoast/Winelands	9	NQ3	27	2131790	Posbus 1145	VREDENDAL		8160	Hoerskoolweg	VREDENDAL-NOORD		8160	VREDENDAL	VREDENDAL	VREDENDAL	WEST COAST	MATZIKAMA	10101004	18.525852	-31.64421	Y	1375527	12		8	1141
	1.34E+08	DIAZVILLE HS.	Dual Afr/En	Afrikaans	ORDINARY	PUBLIC	Secondary School	WEST COAST	3	Westcoast/Winelands	7	NQ4	22	7141909	P.O. Box 122	SALDANHA		7395	Vraagomstraat 117A	Diazville	SALDANHA	7395	DIAZVILLE	SALDANHA	VREDENBURG	WEST COAST	SALDANHA BAY	10104001	17.909627	-33.00804	Y	1375506	12		8	1212
	1.37E+08	VANRHYNSDORP HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	5	Westcoast/Winelands	9	NQ5	27	2191010	Posbus 37	Van Rhynsdorp		8170	Skoolstraat 66	VAN RHYNSDORP		8170	VAN RHYNSDORP	VAN RHYNSDORP	VANRHYNSDOR	WEST COAST	MATZIKAMA	10101007	18.737919	-31.60701	Y	1375523	12	R		1321
	1.32E+08	VOORUITSIG PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	1	Westcoast/Winelands	5	NQ4	22	4922678	P. O. Box 62	Darling		7345	Durban Street	Darling		7345	DARLING	DARLING	MALMESBURY	WEST COAST	SWARTLAND	10105005	18.385879	-33.36756	Y	5568	9	R		1381
	1.37E+08	NUWERUS HS.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Combined School	WEST COAST	5	Westcoast/Winelands	9	NQ3	27	6432002	Posbus 2	Nuwerus		8201	Kalossiestraat	Nuwerus		8201	NUWERUS	NUWERUS	VANRHYNSDOR	WEST COAST	MATZIKAMA	10101008	18.361613	-31.15095	Y	1375542	12	R		1431
228	1.37E+08	ST. BONIFACE (RK) PRIM.	Afrikaans	Afrikaans	ORDINARY	PUBLIC	Intermediate School	WEST COAST	5	Westcoast/Winelands	9	NQ1	27	6421032	Posbus 154	Rietpoort		8202	Pk Molsvlei	Rietpoort			BITTERFONTEIN	BITTERFONTEIN	VANRHYNSDOR	WEST COAST	MATZIKAMA	10101008	18.044215	-30.87708	Y		9	R		1572

Addendum 4.6: Frequency Tables of Schools Selected through a Stratified Sample Selection

	Frequency table: M.O.I (Spreadsheet55)			
Category	Count	Cumulative Count	Percent	Cumulative Percent
Par: Xhosa/Eng	8	8	3.5087	3.508
Afrikaans	76	84	33.3333	36.842
Par: Afr/Eng	56	140	24.5614	61.403
English	72	212	31.5789	92.982
Dual Afr/Eng	13	225	5.7017	98.684
Afr/Eng/Xhosa	2	227	0.8771	99.561
Par: Afr/Xhosa	1	228	0.4386	100.000
Missing	0	228	0.0000	100.000

	Frequency table: EDUCATION (Spreadsheet			
Category	Count	Cumulative Count	Percent	Cumulative Percent
METRO EAST	24	24	10.5263	10.526
CAPE WINELANDS	36	60	15.7894	26.315
EDEN AND CENTRAL KAROO	33	93	14.4736	40.789
METRO SOUTH	31	124	13.5964	54.386
METRO NORTH	34	158	14.9122	69.298
METRO CENTRAL	33	191	14.4736	83.771
OVERBERG	14	205	6.1403	89.912
WEST COAST	23	228	10.0877	100.000
Missing	0	228	0.0000	100.000

	Frequency table: QUINTILE (Spreadsheet5			
Category	Count	Cumulative Count	Percent	Cumulative Percent
NQ2	32	32	14.0350	14.035
NQ1	22	54	9.6491	23.684
NQ4	45	99	19.7368	43.421
NQ3	48	147	21.0526	64.473
NQ5	81	228	35.5263	100.000
Missing	0	228	0.0000	100.000

	Frequency table: HIGHEST (Spreadsheet5			
Category	Count	Cumulative Count	Percent	Cumulative Percent
9	38	38	16.6666	16.666
10	1	39	0.4386	17.105
11	2	41	0.8771	17.982
12	187	228	82.0175	100.000
Missing	0	228	0.0000	100.000

	Frequency table: LOWEST (Spreadsheet5			
Category	Count	Cumulative Count	Percent	Cumulative Percent
1	4	4	1.7543	1.754
7	1	5	0.4386	2.193
8	170	175	74.5614	76.754
R	50	225	21.9298	98.684
P	3	228	1.3157	100.000
Missing	0	228	0.0000	100.000

	Descriptive Statistics (Spreadsheet55)			
Variable	Valid N	Mean	Minimum	Maximum
Number of Learner	228	961.846	385.000	1903.00

	Frequency table: SCHOOL (Spreadsheet			
Category	Count	Cumulative Count	Percent	Cumulativ Percent
Intermediate Scho	38	38	16.6666	16.66
Secondary School	170	208	74.5614	91.228
Combined School	20	228	8.7719	100.00
Missing	0	228	0.0000	100.00

Addendum 4.7: Cover Letter of the Cross-Sectional Questionnaire

Faculty of Education Sciences
School of Continuing Teacher Education
5 November 2012

Dear Colleague

Professional development of teachers is part of the Department of Basic Education's initiative to encourage school communities to improve the quality of Mathematics teaching and learning through information and communication technology. The South African Council of Educators stipulates the following criteria for professional development programmes: (i) they should align with system-wide needs; strengthen learning area content and outcomes; and (ii) promote system transformation. Imbedded in these system-wide criteria is *The White Paper on e-Education* to have a fully ICT integrated system at all levels of education: management, teaching and learning, and administration. Teachers need professional development that would meet the requirements of a democratic South Africa during the 21st century, bridge the technology gap between South Africa and other education systems, achieve the aims of *The White Paper on e-Education*, and fulfil their own professional needs. Currently no guidelines are available for the professional development of Mathematics teachers in the pedagogical use of ICT.

Delivering professional development within the current context of our schools is a challenge. Distance learning is becoming the mode of furthering education as teaching is not limited to a specific location. Therefore, with the assistance of your input, the researcher aims to develop guidelines to address Mathematics teachers' professional development needs in the pedagogical use of ICT with distance learning as mode of delivery.

This research requires your input as a Mathematics teacher on your professional development needs regarding the implementation, use and integration of information and communication technology (ICT) in the teaching and learning of Mathematics in the senior phase (grades 7-9) in the Western Cape Education Department. The educational technologies referred to in this instrument include ICT (e.g. computers, mobile devices and networks), teaching and learning spaces, mobile devices, video conferencing and multi-media.

Ethical clearance for this questionnaire has been obtained from the ethics committee at the North-West University, as well as the Western Cape Education Department. This questionnaire will take less than one hour to complete in full. Participation is voluntary and I, the researcher, will ensure that your responses be kept anonymous. I will also, at the end of my study, provide you with feedback on my findings in an electronic newsletter.

Further enquiries may be addressed to Prof Seugnet Blignaut from the School of Continuing Teacher Education, Faculty of Education Sciences at the Potchefstroom Campus of the North-West University. Her email address is Seugnet.Blignaut@nwu.ac.za and office number is 0182994566.

In advance, I thank you for your time and valued contribution towards the attainment of professional development for Mathematics teachers and education.

Yours faithfully

_____

Verona Leendertz
PhD Candidate, North-West University
Mobile number: 0762825334
Office number: 0182994548

Addendum 4.8: Basic Instructions to Complete the Questionnaire

Faculty of Education Sciences
School of Continuing Teacher Education
5 November 2012

QUESTIONNAIRE:

Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning

To be submitted to the **SENIOR PHASE (GRADE 7-9) MATHEMATICS TEACHERS OF THE WESTERN CAPE EDUCATION DEPARTMENT (WCED)**

The survey comprises the following sections:

SECTION A: Personal information
SECTION B: Demographical information
SECTION C: Governance
SECTION D: School environment
SECTION E: Information and communication technology (ICT)
SECTION F: Professional development (PD)
SECTION G: Professional development models

Dear Participant

- Thank you for your willingness and time to answer the questions in this survey
- Please respond to all the statements of the survey
- Please check the number of inputs required from you for each of the questions and mark with an X in the applicable block.

Addendum 4.9: Validation of Questionnaire: Mathematics Lecturer

On the 5th of November 2012 the researcher and five colleagues from the Faculty of Education validated the questionnaire with a full walkthrough of the items for clarity and validity.

	Lecturer
1	Ms. D. Laubsher
2	Ms. J. Fransman
3	Ms. T. Jordaan
4	Ms. D. Mamiala
5	Ms. H. Dreyer

The questionnaire was checked whether the respondents will be able to answer the questionnaire within the given timeframe.
The questionnaire items were checked for clarity.

The lecturers felt the questionnaire was clear and they could answer the items, but it was a bit long.

Addendum 4.10: Validation of Questionnaire: Mathematics Teachers

On the 12th and 13th of November 2012 the researcher and a colleague from the Faculty of Education Sciences visited three schools in the Potchefstroom area to complete the questionnaire to make sure that the questions were clear and unambiguous.

Mathematics teachers in the senior phase (grades 7-9) completed the questionnaire.

School		Quintile	Number of Participants	Grade
1	Promosa Secondary School	1	2	7-9
2	Retsilephesi Secondary School	3	2	8-9
3	Boys High	5	1	9

Education District number:
Respondent number:

Addendum 4.11

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Faculty of Education Sciences
February/March 2013

Senior Phase Mathematics Educator
Grade 7-9

Dear Sir/Madam

Permission to participate in research

I, Verona Leendertz, am a PhD student enrolled at the Faculty of Education Sciences, Potchefstroom Campus of the North-West University. I intend to collect data for my research study on learning and teaching. The title of my proposed thesis is: *Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning.*

I hereby request you to participate in a survey on the professional development of Mathematics teachers regarding the pedagogical use of ICT in open distance learning. The completion of the survey will last about an hour.

I pledge to maintain the professional and research ethical codes. This signifies that:

- Your participation in this research remains voluntary and you may, at any time, withdraw from the research
- Your personal information will at all times be treated as confidential
- No demands will be made on your academic teaching programme
- Should you be interested, the research findings will be made available to you and your school.

I am planning to conduct this research during February and March 2013. Could you please provide me with your written consent by filling in the sections on the next page? Your input and opinions will be greatly appreciated.

Yours sincerely

Verona Leendertz
PhD Candidate, North-West University
Student number: 13173391
Mobile number: 076 282 5334

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Faculty of Education Sciences
February/March 2013

Permission for Research Project:

Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning

LETTER OF PERMISSION: RESEARCH PARTICIPANT

I, _____, (name and surname) am an educator from _____ (name of school), hereby agree to participate in the above mentioned research project.

I am aware that my participation in this study remains voluntary and that I may at any time withdraw from the research. I also understand that the researchers will treat all personal information confidential.

_____
Name and signature

_____
Date

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Faculty of Education Sciences
February/March 2013

Dear Colleague

Professional development of teachers is part of the Department of Basic Education's initiative to encourage school communities to improve the quality of Mathematics teaching and learning through information and communication technology. The South African Council of Educators stipulates the following criteria for professional development programmes: (i) they should align with system-wide needs; strengthen learning area content and outcomes; and (ii) promote system transformation. Imbedded in these system-wide criteria is *The White Paper on e-Education* to have a fully ICT integrated system at all levels of education: management, teaching and learning, and administration. Teachers need professional development that would meet the requirements of a democratic South Africa during the 21st century, bridge the technology gap between South Africa and other education systems, achieve the aims of *The White Paper on e-Education*, and fulfil their own professional needs. Currently no guidelines are available for the professional development of Mathematics teachers in the pedagogical use of ICT.

Delivering professional development within the current context of our schools is a challenge. Distance learning is becoming the mode of furthering education as teaching is not limited to a specific location. Therefore, with the assistance of your input, the researcher aims to develop guidelines to address Mathematics teachers' professional development needs in the pedagogical use of ICT with distance learning as mode of delivery.

This research requires your input as a Mathematics teacher on your professional development needs regarding the implementation, use and integration of information and communication technology (ICT) in the teaching and learning of Mathematics in the senior phase (grades 7-9) in the Western Cape Education Department. The educational technologies referred to in this instrument include ICT (e.g. computers, mobile devices and networks), teaching and learning spaces, mobile devices, video conferencing and multi-media. Ethical clearance for this questionnaire has been obtained from the ethics committee at the North-West University, as well as the Western Cape Education Department. This questionnaire will take less than one hour to complete in full. Participation is voluntary and I, the researcher, will ensure that your responses be kept anonymous. I will also, at the end of my study, provide you with feedback on my findings in an electronic news letter.

Further enquiries may be addressed to Prof Seugnet Blignaut, my promoter from the Faculty of Education Sciences at the Potchefstroom Campus of the North-West University. Her email address is Seugnet.Blignaut@nwu.ac.za and office number is 0182994566.

In advance, I thank you for your time and valued contribution towards the attainment of professional development for Mathematics teachers and education.

Yours faithfully

_____

Verona Leendertz
PhD Candidate, North-West University
Mobile number: 0762825334
Office number: 0182994566

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Faculty of Education Sciences
February/March 2013

QUESTIONNAIRE:

Guidelines to the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning

To be submitted to the:

SENIOR PHASE (GRADE 7-9) MATHEMATICS TEACHERS OF THE WESTERN CAPE EDUCATION DEPARTMENT (WCED)

The survey comprises seven sections:

SECTION A: Personal information

SECTION B: Demographical information

SECTION C: Governance

SECTION D: School environment

SECTION E: Information and communication technology (ICT)

SECTION F: Professional development (PD)

SECTION G: Professional development models

Survey on the Professional Development of Mathematics Teachers in the Pedagogical Use of ICT in Open Distance Learning

Dear participant

- Thank you for your willingness and time to answer the questions in this survey
- Please supply answers to **all** the statements of the survey
- Please check the number of inputs required from you for each of the questions and mark with an **X** in the applicable block.

SECTION A: PERSONAL INFORMATION

							Office Use
A1	Gender	a. Male		b. Female			1
A2	Age					years	1
A3	Total number of years teaching					years	1
A4	Total number of years Mathematics teaching for each of the indicated grades respectively				Grade 7		1
					Grade 8		2
					Grade 9		3
A5	Home language				English		1
					Afrikaans		2
					isiXhosa		3
					Zulu		4
					Other		5
		If *Other*, please specify:					6
A6	Language of instruction				English		1
					Afrikaans		2
					isiXhosa		3
					Other		4
		If *Other*, please specify:					5
A7	Qualifications	DE III		1	BEd Hons		6
		HDE		2	BSc		7
		ACE		3	BA		8
		NPDE		4	Masters		9
		BEd		5	PhD		10
					Other		11
		If *Other*, please specify:					12
A8	Subject specialisation				English		1
					Afrikaans		2
					Zulu		3
					Mathematics		4
					Biology		5
					Physical Sciences		6
					Computer Sciences		7
					Human Sciences		8
					Home Economics		9
					Business Economics		10
					Entrepreneurship		11
					Tourism		12
					Graphic Design		13
					Arts and Culture		14
					Foreign Languages		15
					Other		16
		If *Other*, please specify:					17

SECTION B: DEMOGRAPHICAL INFORMATION

B1	My school district:	Metro **Central** Education District		1
		Metro **East** Education District		2
		Metro **North** Education District		3
		Metro **South** Education District		4
		Cape Winelands Education District		5
		Eden and Central Karoo Education District		6
		Overberg Education District		7
		West Coast Education District		8
B2	Nearest main town or city:			1
B3	Name of school (confidential):			1
B4	School quintile:	1 2 3 4 5 Independent		1
B5	Type of school:	Farm		1
		Semi-urban		2
		Urban		3
		Former Model-C		4
		Independent		5
		International South African school		6
B6	Total number of learners at my school:	Exact number		1
	Or, approximate number of learners at my school:	0-500		2
		500-1000		3
		1000^{+}		4
B7	I teach Mathematics to:	Gr 7 1 Gr 8 2 Gr 9		3
B8	Number of Mathematics classes for each of the indicated grades at my school:	Gr 7 1 Gr 8 1 Gr 9		3
B9	Number of Mathematics learners I teach:	Gr 7 1 Gr 8 2 Gr 9		3
B10	Number of computer laboratories available at my school:	1 2 3 4 5 6		1
B11	Number of computers at my school available for:	Administration purposes		1
		General teaching and learning		2
		Teaching and learning of Mathematics for: Gr 7		3a
		Gr 8		3b
		Gr 9		3c
B12	Number of computers with Internet available for:	Administration purposes		1
		Teaching and learning in general		2
		Teaching and learning of Mathematics for: Gr 7		3a
		Gr 8		3b
		Gr 9		3c
B13	I rate my computer literacy level as:	poor		1
		fair		2
		good		3
		excellent		4

B14	I rate the average computer literacy level of my Mathematics learners as:	Gr 7	Gr 8	Gr 9	
	poor				1a
	fair				1b
	good				1c
	excellent				1d

B15	Number of personal computers available for my use at my:	school			1a
		home			1b
B16	I have Internet access at my:	school	Yes	No	1a
		home	Yes	No	1b
B17	We have interactive whiteboards (IWBs) at our school:		Yes	No	1a
		number of IWBs			1b

B18	I have enrolled for an course online before: If **Yes,** please provide details of the course:			Yes	No	1a 1b
B19	I use my cell phone, computer or iPad (with Internet) for: (more than one answer possible)	**General use**	**Cell**	**Com**	**iPad**	
		banking	a	b	c	1
		surfing the Web	a	b	c	2
		chatting with friends and family	a	b	c	3
		playing games	a	b	c	4
		shopping online	a	b	c	5
B20	I use my cell phone, computer or iPad (with Internet) for: (more than one answer possible)	**School use**	**Cell**	**Com**	**iPad**	
		communicating with other Mathematics teachers	a	b	c	1
		searching of teaching and learning materials	a	b	c	2
		preparing of Mathematics lesson content	a	b	c	3
		planning of Mathematics instruction	a	b	c	4

SECTION C: GOVERNANCE

		Strongly disagree	Disagree	Agree	Strongly agree	Do not know	
		1	2	3	4	5	
C1	The *WCED* motivates the use of ICT in Mathematics teaching						
C2	The *WCED* allocates funds for ICT Mathematics training						
C3	The *WCED* gives funds for ICT resources						
C4	The *WCED* provides my school with computers for administration						
C5	The *WCED* supplies my school with computers for teaching and learning						
C6	The *WCED* gives training to Mathematics teachers in ICT integration						
C7	The *WCED* provides Mathematics teachers with Webquest training						
C8	The *WCED* offers IntelTeach training to Mathematics teachers						
C9	The *circuit* stimulates the development of ICT in Mathematics teaching and learning						
C10	The *circuit* provides professional development in ICT integration in Mathematics						
C11	The *circuit* motivates Mathematics teachers to share their practices with ICT						
C12	The *circuit* creates an online network where Mathematics teachers share practices						
C13	My *school* supplies computers for administrative purposes						
C14	My *school* installs computers for teaching and learning of Mathematics						
C15	My *school* provides IWB for the teaching and learning of Mathematics						
C 16	My *school* supports ICT professional development activities from external providers						
C17	My *school* provides access to the educational PORTAL (Thutong Portal)						
C18	My *school* supports ICT professional development activities initiated by the WCED						
C19	My *school* provides time for Mathematics teachers to use the ICT facilities at school to prepare lessons						
C20	My *school* supports the use of ICT in the teaching and learning of Mathematics						
C21	My *school* creates a timetable for Mathematics teachers to use the ICT facilities for teaching and learning						
C22	My *school* encourages Mathematics teachers to use the ICT facilities for teaching and learning						
C23	My *school* supports online Mathematics networks						

SECTION D: SCHOOL ENVIRONMENT

		Strongly disagree	Disagree	Agree	Strongly agree	Do not know	
		1	2	3	4	5	
D1	I use social software for personal use, e.g. email, Facebook, Twitter, Mxit, Whatsapp, BBM, Twoo, LinkedIn, etc.						
D2	I use the Internet to find Mathematics resources						
D3	I use ICT in Mathematics teaching to achieve the Learning Outcomes						
D4	I develop lessons to use ICT in Mathematics teaching						
D5	I use a variety of teaching methods with ICT in my Mathematics class						
D6	I decide which ICT applications to use in Mathematics teaching and learning						
D7	I assist my learners to use ICT in Mathematics lessons						
D8	I take responsibility for my own learning regarding the integration of ICT in Mathematics teaching						
D9	I have a positive attitude towards ICT for teaching and learning Mathematics						
D10	I carry out Mathematics investigations with my learners through ICT						
D11	I stimulate my learners to be creative with ICT						
D12	I use ICT to accommodate the diverse group of learners in my class						

SECTION E: INFORMATION AND COMMUNICATION TECHNOLOGY

		Strongly disagree	Disagree	Agree	Strongly agree	Do not know	
		1	2	3	4	5	
E1	My school negotiate with service providers for reliable Internet access						
E2	My school has an ICT policy						
E3	My schools has teachers who use ICT innovatively						
E4	My schools ICT vision aligns with the latest trends in the curriculum						
E5	I plan my ICT integration Mathematics activities in advance						
E6	I communicate with in remote colleagues through ICT						
E7	I am confident to use the ICT applications in my Mathematics lessons						
E8	I do not use ICT in the teaching and learning Mathematics despite the affordances for teaching and learning						
E9	I use ICT for assessment of Learning Outcomes						
E10	My learners gain ICT competency when I use ICT in my Mathematics lessons						

SECTION F: PROFESSIONAL DEVELOPMENT

		Strongly disagree	Disagree	Agree	Strongly agree	Do not know	
		1	2	3	4	5	
F1	I should develop my Mathematics competencies myself						
F2	I should know about the current trends in Mathematics education						
F3	I should be innovative with ICT in my Mathematics teaching						
F4	I should use ICT to communicate with other Mathematics teachers						
F5	I should share ICT practices with other Mathematics teachers						
F6	I should share my views in an online environment						
F7	I should network with other Mathematics teachers						
F8	I should attend ICT Mathematics professional development training according to my individual needs						
F9	I should attend ICT Mathematics professional development based at my own pace						
F10	I should receive ICT subject specialized professional development training						
F11	I should be attend ICT professional development training at my school						
F12	I should attend online ICT Mathematics professional development training						
F13	I should combine face to face and online ICT Mathematics professional development training						
F14	I should receive classroom support based training and mediation where trainers visit my classroom						
F15	I should advance my ICT Mathematics professional development through distance learning						
F16	I should have access a lead teacher at my school during ICT professional development training						
F17	I should attend ICT professional development Mathematics training to suit the context and needs of my school						
F18	I should have access to joined WCED and district ICT professional development training						
F19	I should have access to ICT professional development guidelines on the integration of ICT in the teaching and learning of Mathematics						

This section presents a few ICT Mathematics professional development options.

Please read carefully through descriptions of these models.

Select **a maximum of two models** that would address your professional development needs best.

SECTION G: PROFESSIONAL DEVELOPMENT MODELS

		Mark X	
G1	**Model 1** • Teachers and HOD determine the ICT development needs • The school organises training in collaboration with the WCED and local EMDC • Teachers attend skills training sessions • Teachers share ideas and learn in subject group training (face to face or online) • Teachers contribute their best practices with peers • Teachers evaluate their contributions in their subject groups • Teachers determine the focus of their ICT professional development training • Teachers decide on individual development which meet their subject needs		
G2	**Model 2** • Teachers accept ICT for Mathematics as a teaching and learning strategy • Teachers start a subject network group (face-to-face or online) • Teachers adapt lessons from the Internet to suit their local needs and context • Teachers create new ICT integrated lessons • Teachers share ICT best practices and inadequacies with their subject network group • Teachers assess their initiatives in their subject network groups (face to face or online)		
G 3	**Model 3** • Teachers develop within the school context (face to face or in an online environment) • School leaders include staff to shape the school's vision and its ICT integration development plan • Teachers and HOD plan the professional development activities • Teachers determine their own professional development needs • Teachers undergo professional development training online • Teachers determine their own future individual professional development • Teachers collaborate at each stage of the professional development (face-to-face or online)		
G4	**Model 3** • Teachers participate in a structured problem-based group activity to introduce them to Web 2.0 technologies (social networking sites, blogs, wikis video sharing sites) • Teachers conduct a needs-analysis to focus on suitable technologies and applications for integration • Teachers participate in session on how to utilize each of the Web 2.0 technologies in Mathematics teaching • Teachers brainstorm on the appropriate use of Web 2.0 technologies in their own context • Teachers repeat the process for a number of Web 2.0 technologies • Teachers assess their ideas and prioritise action plans for their professional development of Web 2.0 technologies and applications		

Thank you for taking time to complete this survey!

Addendum 4.12 Data Collection Schedule for the WCED

Date	District/EMDC	Contact Person	Venue
31 January 2013	Eden Central Karoo		Beaufort-West-
1 February 2013	Winelands/Eden Central Karoo	Edwin Schroeder Daclon Arries	Touwsriver De Doorns Laingsburg
2 February 2013	Metro Central EMDC	Andrea Sampson	Belgravia High School- Athlone (standard settting Meeting)
4 February 2013	Westcoast EMDC	Deodat Thomas	Steynville Secondary- Piketberg (standard settting Meeting)
5 February 2013			Augburg Landbou Gimnasium-Clanwilliam (standard settting meeting)
6 February 2013			Weston Secondary-Vredenburg(standard settting meeting)
7 February 2013			Vredendal High School-Vredendal (standard settting meeting)
9 February 2013	Overberg EMDC	Basil Sakoor	Workshop
11 February 2013	Metro South EMDC	Phillip Cupido	Portlands High School-Mitchells Plain (standard settting meeting)
12 February 2013			AZ Burmann Drive-Mitchells Plain (standard settting meeting)
13 February 2013	Westcoast EMDC		Swartland High School-Malmesbury
15 February 2013	Metro South EMDC		Bergvliet High, Wittebome High, Glendale High, Plumstead High
18 February 2013	Cape Winelands EMDC		Worcester (Worcester Gimnasium, , Ceres, Koue Bokkeveld (Skurweberg Secondary School), Wolseley Secondary School, Tulbach
19 February 2013	Metro Central	Andrea Sampson	Rylands High School
21 February 2013	Cape Winelands EMDC		Paarl region- Paulus Joubert High School, Bergendal SSKV, Paarl High School for Girls, La Rochelle High School, Charleston Hill High School, Bergrivier Secondary School, Labori High School

Date	District/EMDC	Contact Person	Venue
22 February 2013	Cape Winelands EMDC		Stellenbosch region (Stellenbosch High, Kayamandi High School, Luckhoff Secondary School, Paul Roos High, Makupula Secondary, Kylemore Secondary School, Bloemhoff Girls High)
25 February 2013	Eden Central Karoo	Daclon Arries, Charles Snyders	Gerrit Du Plessis, Albertinia High, Bonnevale High.
26 February 2013			Parkdene High, Tembalethu High, York High, Outeniqua High, PW Botha Technical College, St. Pauls Primary, Outeniqua Primary, Pacaltsdorp Primary
27 February 2013			Knysna High, Wittedrift High, Plettenberg Secondary School, Knysna Secondary,
1 March 2013			Punt High
4 March 2013	Metro East EMDC	Razzia Ebrahim	Western Cape Leadership Institute (standard settting meeting)
5 March 2013			Western Cape Leadership Institute (standard settting meeting)
6-8 March 2013	Metro North EMDC	Leila Daniels, Dumisani Mdalosa	Schools in the Bellville, Ravenmeade, Kraaifontein area

Addendum 4.13

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19 February 2013

ETHICS APPROVAL OF PROJECT

The North-West University Ethics Committee (NWU-EC) hereby approves your project as indicated below. This implies that the NWU-EC grants its permission that, provided the special conditions specified below are met and pending any other authorisation that may be necessary, the project may be initiated, using the ethics number below.

Project title : Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning.

Project Leader: Prof AS Blignaut
Student: V Leendertz

Ethics number:

N	W	U	-	0	0	1	2	0	-	1	2	-	A	2
Institution				Project Number						Year			Status	

Status: S = Submission; R = Re-Submission; P = Provisional Authorisation; A = Authorisation

Approval date: 2012/11/22 **Expiry date:** 2017/11/21

Special conditions of the approval (if any): None

General conditions:

While this ethics approval is subject to all declarations, undertakings and agreements incorporated and signed in the application form, please note the following:

- *The project leader (principle in vestigator) must report in the prescribed format to the NWU-EC:*
  - *annually (or as otherwise requested) on the progress of the project,*
  - *without any delay in case of any adverse event (or any matter that interrupts sound ethical principles) during the course of the project.*
- *The approval applies strictly to the protocol as stipulated in the application form. Would any changes to the protocol be deemed necessary during the course of the project, the project leader must apply for approval of these changes at the NWU-EC. Would there be deviated from the project protocol without the necessary approval of such changes, the ethics approval is immediately and automatically forfeited.*
- *The date of approval indicates the first date that the project may be started. Would the project have to continue after the expiry date, a new application must be made to the NWU-EC and new approval received before or on the expiry date.*
- *In the interest of ethical responsibility the NWU-EC retains the right to:*
  - *request access to any information or data at any time during the course or after completion of the project;*
  - *withdraw or postpone approval if:*
    - *any unethical principles or practices of the project are revealed or suspected,*
    - *it becomes apparent that any relevant information was withheld from the NWU-EC or that information has been false or misrepresented,*
    - *the required annual report and reporting of adverse events was not done timely and accurately,*
    - *new institutional rules, national legislation or international conventions deem it necessary.*

The Ethics Committee would like to remain at your service as scientist and researcher, and wishes you well with your project. Please do not hesitate to contact the Ethics Committee for any further enquiries or requests for assistance.

Yours sincerely

Prof Amanda Lourens
(chair NWU Ethics Committee)

Western Cape Government
Education

Addendum 4.14

Directorate: Research

Audrey.wyngaard2@pgwc.gov.za
tel: +27 021 467 9272
Fax: 0865902282
Private Bag x9114, Cape Town, 8000
wced.wcape.gov.za

REFERENCE: 20121115-0033
ENQUIRIES: Dr A T Wyngaard

Mrs Verona Leendertz
School of Continuing Teacher Education
North-West University
Potchefstroom

Dear Mrs Verona Leendertz

RESEARCH PROPOSAL: GUIDELINES FOR THE PROFESSIONAL DEVELOPMENT OF MATHEMATICS TEACHERS IN THE PEDAGOGICAL USE OF ICT IN OPEN DISTANCE LEARNING

Your application to conduct the above-mentioned research in schools in the Western Cape has been approved subject to the following conditions:

1. Principals, educators and learners are under no obligation to assist you in your investigation.
2. Principals, educators, learners and schools should not be identifiable in any way from the results of the investigation.
3. You make all the arrangements concerning your investigation.
4. Approval for projects should be conveyed to the District Director of the schools where the project will be conducted.
5. Educators' programmes are not to be interrupted.
6. The Study is to be conducted from **15 January 2013 till 30 March 2013**
7. No research can be conducted during the fourth term as schools are preparing and finalizing syllabi for examinations (October to December).
8. Should you wish to extend the period of your survey, please contact Dr A.T Wyngaard at the contact numbers above quoting the reference number?
9. A photocopy of this letter is submitted to the principal where the intended research is to be conducted.
10. Your research will be limited to the list of schools as forwarded to the Western Cape Education Department.
11. A brief summary of the content, findings and recommendations is provided to the Director: Research Services.
12. The Department receives a copy of the completed report/dissertation/thesis addressed to:

    The Director: Research Services
    Western Cape Education Department
    Private Bag X9114
    CAPE TOWN
    8000

We wish you success in your research.

Kind regards.
Signed: Dr Audrey T Wyngaard
for: **HEAD: EDUCATION**
DATE: 15 November 2012

Addendum 4.15: Data Reflection Journal

Thursday 31 January 2013

I started my data collection in Beaufort-West which is a small town situated in the Eden-Central Karoo Education district after I have travelled nearly 1000 kilometres from my university town: Potchefstroom. I visited my first school which was a secondary school where I consulted with three female Mathematics teachers for grade eight and nine. One of the teachers was a substitute teacher for two weeks. She felt it was not necessary for her to complete the survey as she was there only on a short time basis. Two of the teachers completed the questionnaire. As I left the street of the town was covered with the signs of recent unrest in the area. The locals were in strike: regarding service delivery; against the corruption of the local municipality; and shortage of jobs for the locals in municipal government. The schools are influenced by the unrest within the community. I realised that once a teacher leave the system we forget the reality at ground level and the challenges teachers face every day.

Friday 1 February 2013

I travelled about two hundred and fifty kilometres from there to Laingsburg where I visited a primary school. Only one Mathematics teacher teach grade seven.

The journey continued to Touwsriver where I paid a visit to the secondary school. This school was the first school from the Winelands district which I visited. The school accommodated me during the first break as I scheduled the meeting beforehand with the school principal. Two Mathematics teachers one female and one male completed the survey. During the orientation of the survey I could pick up a very positive attitude from the male teachers and derive from our conversation that he is very enthusiastic to use ICT during his teaching and learning. His ICT terminology was well established. As the conversation between us was from the start of the meeting established as confidential they shared some valuable information with me. The school has a Khanya lab, but the lab's server has been replaced, but not installed for more than one year. The learners were not able to access the resources like Mathematics software programmes. He felt that the management of the school did not see the value of the resources. They also said that many days their broadband did not work at the school so they could no download their incoming emails form the WCED website.

The third and last stop for the day was in De Doorns where I went to two schools. The first school was a combined school from grade R to twelve. The school had one female Mathematics teachers still fresh form university and quite ICT savvy. During the process of completing the survey we talked a bit about the setup at their school. The learners regularly attend the computer lab at the school, but mostly it is used for learners who have CAT as a subject. So the access for the rest of the grades was quite limited, but she has her own laptop that she uses interactively for class instruction.

Travelling from the combined school I could still see the debris from the recent farmworkers strike for salary increase. The teacher responsible for Mathematics in grade seven was not a qualified Mathematics or intermediate phase teacher. As they have classroom with nearly fifty learners and many of the community problems funnel back to the school she was the only staff member willing to teach that group of learners. Regarding the ICT integration I could pick up from our conversation that the local EMDC is very supportive and organise workshops for ICT integration. However the standard

and type of training they attend is mediocre and not sufficient to make them confident enough. From there I travelled to Cape Town.

Saturday 2 February 2013

The first of the group sessions I attended in the Metro Central. This session was a standard setting meeting for grade twelve Mathematics teachers. Andrea the subject advisor in the district felt it was a good platform for me to discuss my study with the group as most of the HODs from the school in the district were at the meeting. The next standard setting session for the district I shall have the group to complete the survey for me. I was impressed with the standard and quality of the work in the district as the enthusiasm from the teachers in the group. It was heart-warming to see that there is still passion in the teaching and irrespective of the media and results many teachers still give their utmost to the profession and stay positive which can be challenging.

Week 4 to 7 February-Westcoast District

A week of group sessions I attended with Thomas Deodat and Alli across the district where I travelled more than vast distances each day from Piketberg where I was stationed for the week. As the district covered a large geographical area some of the sample schools selected did not attend the session and were situated in rural areas far from the towns. The schools in the Darling area and Malmesbury area I arranged to visit individually at a later stage.

Piketberg-Monday 4 February 2013

I attended the first standard setting meeting where Deodat allowed me to have the first session of the meeting to speak to the teachers and have them complete the survey. It was a very small group of Mathematics teachers of school in the Piketberg vicinity. The meeting went very well, but I could not see the ICT facilities at the school. It was also difficult to speak to the teachers on things outside aspects addressed in the survey.

Clanwilliam-5 February 2013

Another group session held at a local high school where four of the Mathematics teachers in the area attended the session. What I noticed during the second day of the group session is that there were very few schools in the area, but the distances between schools sometimes were about 100 kilometres. The school allowed me to visit their computer lab which was fully equipped. I picked up from the conversation I had with the small group of teachers is that they share Mathematics software in their group. One female teacher in the group learners achieved top results in Mathematics in the district. She conveyed that it is very hard work and she spends a lot of money on incentives to have her learners achieve those results, but it is worth it when they excel at the end of the year. Her words: “Ek is seker bangkrot en my hele salaris gaan na die kinders, my man sal wonder waarvoor ek werk. Wat anders kan ek gebruik om kinders uit so gemeenskap te motiveer om Wiskunde te doen.” Teenage pregnancies in her school have a big impact on learners dropping out of school. It became clear to me that community problems have a big impact on the school and the performance of the learners. Another female teacher in the group was very negative and was constantly complaining. The school from Citrusdal could not attend the session as major road works prevented them from coming. Deodat arranged with the school to have the survey completed, which I picked up on the Thursday passing through.

Vredenburg-6 February 2013

I travelled to Vredendal which is a real fishing town of the Westcoast. The session had a bigger group as the area covered more school than the previous two sessions in the district. A large group of teachers completed the survey; there was only one female teacher which did not complete the survey. After completing of the survey I had an opportunity to have a general discussion with the local Mathematics teachers. He was well qualified with a master's degree in Mathematics from UWC. He was very despondent with the WCED which do not adhere to their request on learner-teacher ratio. He felt that attending the session was a waste of time as the same issues are discussed every time, but the official cannot help them, but expect them to achieve results with sometimes more than fifty learners in a classroom.

The ANA results were discussed in the session as well. The results indicate that teachers still prefer to make use of drill and practice activities and not enough high order thinking questions and activities are used when teaching and learning of Mathematics in classrooms. Language of instruction was another issue raised in this session. Many of the teachers which have multi-lingual classes, but they have no formal training in teaching the second language. The Mathematics terminology can be a problem for them as well as they did not feel comfortable teaching in a language not their preference. It was difficult to pick up the ICT usage and skills from this group as so many other issues at organisational level were raised and discussed. I realised that teachers are faced with so many fundamental problems which hinder their capabilities and the performance of their learners. ICT usage is not a priority to them. The analysis of the quantitative data will be enlightening or scary. I wondered if my study is fundamental enough looking at the broader contexts.

Vredendal-7 February 2013

This town was the furthest point of the district which is more than 300 kilometres from the district offices. I first stopped in Citrusdal to collect the surveys from the school which could not attend the session in Clanwilliam. The principal was very kind and accommodating. Nearly twenty teachers from the area attended this session. One female teacher was very enthusiastic to complete the survey. She teaches at a rural school where they do not have access to the Internet. They are situated so rural that the WCED cannot connect them with broadband or any facilities to access the Internet. She however tries to expose her learners to a computer.

Two young teachers fresh from the university was very enthusiastic about ICT usage in their classes. I think as they are from a younger generation and the computer usage is part of their daily existence it comes naturally to them to use ICT for planning and teaching.

I travelled nearly two thousand kilometres for the week, but the amount of surveys I got back made me worried and wondered if it was worth travelling so far. Hopefully I shall feel better during my second week.

Saturday-9 February 2013

The first group session I arranged to attend with Basil Sakoor in the Overberg district. There was a bit of a miscommunication about where the workshop was held. Eventually through much effort I found the venue where the workshop was held. It was an intervention strategy workshop arranged for the

poor performing schools in the district to hopefully better the ANAs in 2013. Only three of the schools attending the workshop teach grade 7-9.

Week 11-15 February- Metro South EMDC

I arranged beforehand with Phillip Cupido to attend two standard setting meetings in the district. The first meeting was held at a secondary school in Mitchells Plain.

Monday 11 February 2013

When I drove into the school yard I security guard at the gate said I have to make sure that my car is parked at the back of the school for safety. I was early for the workshop and started to chat with one of the school non-teaching staff members. The school experience many gang related problems, but still try hard to uphold the standard of education. She took me to the computer labs. The doors of the labs was bolted with steel doors and all the computers was stacked under the desks to make sure that thieves could not see the computers and break into the labs. One of the labs has outdated computers which could not be used anymore. The second lab was a relatively new one, but the lab was not yet in use for the new academic year. It made me wonder if it will be used still in the term.

A relative big group of Mathematics teachers attended the workshop. I was lucky to sit with a group of teachers which communicated openly with me on issues in the district. Through a conversation with one of my colleague from BCE which I attended in the early nineties I could pick up that they experience a lot of behavioural problems in the schools in the area. Many of them were enthusiastic to use ICT in their classes, but the workload and large groups of learners in their classes prevented them from using the labs at their schools optimally. They are however interested to be developed to utilise the ICT resources at their schools.

I noticed that when I start with the session with a brief explanation of who I am, where I come from and can relate to their circumstances having been part of a system for many years made them more accommodating and willing to complete the survey. Teachers want to better their skills, but they want the WCED to take into consideration that they try their best and the circumstances at school hinder them from really performing to the best of their ability. The reality of the contexts at schools once again made me worried about the current issues at school level. I also wondered if the DBE truly realise the extent of the problems teachers at ground level have to deal with every day.

Tuesday 12 February 2013

This session was held at the EMDC offices in Mitchells Plain and mostly schools from the Kayelitsha area attended the session. Phillip Cupido was straightforward and challenged the teachers with some Mathematical problems and questions related to terminology needed in the Mathematics classroom. He told them that their work was not up to standard if they did not know what and how to teach the content to the learners. He also addressed the issue of poor performance and absence of Mathematics teachers from school during the term. The standard of the assessment tasks they set was also a serious topic of discussion. He said that the ANAs reflect that learner's formal assessment tasks are not up to standard and do not include any high order thinking questions therefore when it comes to the ANAs they cannot answer those questions. It was however a good cooperative group and they felt at ease to ask questions and stay afterwards for help from him. Only one teacher did not

want to complete the survey, but I asked her if she would be kind enough to do it. I noticed that I could mostly convince them to complete the survey for me.

Phillip arranged for me to see the other school on my sample list the Thursday and Friday by means of individual visits.

Wednesday 13 February 2013

I travelled to Malmesbury as I still had to visit some schools of the Westcoast district. I arranged beforehand with the principal to visit the school. The HOD from the Mathematics department met me and I explained the survey to him. He felt that the staff members would prefer to complete the survey in their own time and that I could return to collect it. It was not the preferred method of conducting the process, but I was the one in need so I agreed to collect it the following week.

Thursday 14 February 2013

This morning I spend time to confirm my appointments with schools in the Winelands, Westcoast and Eden Central Karoo district. It took me the whole morning to contact a total of six schools and send out emails to other schools in the Metro North and South districts.

Friday 15 February 2013

I visited four more schools in the Metro South district: Wittebome High, Plumstead High, Bergvliet High, and Glendale Secondary school. I had to return to the schools the following week again as most of them close on a Friday at twelve to attend Mosque. Friday was not a good day in Cape Town area to visit schools and have Mathematics teachers complete the survey.

Monday 18 February 2013

I travelled further into the Winelands district to schools in the Worcester, Ceres, Koue Bokkeveld, Wolseley and Tulbach region. I left Cape Town early the morning to make sure I can cover all the schools in the area. My first stop at Goudini High school—one Mathematics teacher completed the survey. I got a good reception and the secretary served me coffee in the staff lounge while I waited for the Mathematics teacher. The Mathematics teacher had overcrowded classroom and were responsible for all the grades 7-9 classes. She struggles as the learners come from different schools in the area and there are vast differences in their competency levels when they enter the high school. She worries about covering the work in the curriculum.

From there I travelled to the Koue Bokkeveld. I visited two schools really in the rural areas. The gps did not even pick up any signals in the area. The primary school had a brand new computer lab with flat screens and adequate workstations for the learners. The Mathematics teacher also vice-principal of the school was very positive regarding the use of ICT. He currently makes use of his own laptop in his classroom for teaching and enrichment activities for the learners. The secondary school in the area has two computer labs. One was still locked up and has not been used for the year, the other in use for teaching CAT. The teacher who is involved says that technical support and a fulltime staff member is needed to manage the centres. He teaches fulltime and cannot take responsibility for the equipment and management.

From there I travelled to Ceres. The principal of the school is related to me and we could have an open discussion. The secretary said that he is very strict and learners have respect for him. Numerous rewards were in the foyer awarded for academic achievement in the grade twelve results.

Then I went to Wolseley and Tulbach. I was in a hurry and could not visit the computer labs as I did at the other schools.

My last stop for the day was in Worcester where I arranged with Worcester Gymnasium to use their school for the schools in the area to come together and complete the survey. Two of the local schools did not pitch up for the session even though I confirmed the previous week and morning.

Tuesday 19 February 2013

I visited all the schools in the Stellenbosch region which were on my sample list: Stellenbosch High, Stellenbosch Gymnasium, Kayamandi Secondary School, Bloemhoff High School, Makupula Secondary, Luckhoff Secondary School, Kylemore Secondary School, and Stellenzight Secondary School. Even though I made appointments beforehand and confirmed the date the previous Thursday with the principal and HODs some of the school forgot of my scheduled visit. I explained the survey and I arranged with those schools to return the following week to collect and complete the survey with them. It was very frustrating for me to get to a school, wait for an hour and then have to return. I was however in need of their cooperation therefore eating humble pie was the order of the day. At Luckhoff I had the privilege to visit the two establish Khanya labs. Fully equipped and functioning well. All the schools in the area had separate computers for teachers to do their planning and administration. One of the teachers at Kylemore Secondary teaches constantly using all the Smart applications supplied to them by the Vodacom foundation. The quintile of the school did not affect the administration and innovation at schools. I was very impressed with the two schools in Kayamandi. While I was waiting for the principal the school bell rang and the staff members came into the offices to do some administration. One of the learners stopped the female Mathematics teacher to ask a question on factorisation. The learner crossed questioned the teacher and was very enthusiastic to understand the problem. It was very heart-warming to see there are kids who want to learn about Mathematics even though so much negative reports are given on Mathematics education. I believe if the attitude of the teacher in positive as some literature and research can substantiate learners will also become engaged. The teacher told me after her session with the learner is that she does not even teach her Mathematics. The principal of the school invited me into his office, offered me tea and we could openly discuss the availability of the ICT resources at the school. He has well-integrated staff which is the way to education in South Africa. Choose the best person for the job, irrespective of heritage is his attitude. For that I salute him and it is visible when you walk into the school yard. Another school in Stellenbosch thought it was time that the DBE should come to ground level and access the needs of the schools even if they had adequate resources. She said that the WCED did not give any funding to their school for ICT equipment, and what they currently have is all bought by the school. She felt that ICT resources are important, but PCK is way more important and teachers need to have PCK to teach the subject. The

Wednesday 20 February 2013

Monday 25 February 2013

On my way to George and schools in the Eden Central Karoo EMDC. I stopped at the schools on my list in Riversdale and Albertinia.

Tuesday 26 February 2013

I went to all the schools in the George area: eight high/secondary schools and one primary school. Some of the schools I have to return to the Thursday.

Wednesday 27 February 2013

I travelled to Plettenberg Bay, Wittedrift and Knysna area. I had to return later in the day to some of the schools to collect the completed surveys.

Thursday 28 February 2013

I went to the schools which I did not attend the Tuesday in George.

Friday 1 March 2013

On my way back to Cape Town I went to the schools in Mossel Bay area to have the survey completed. I also went back to Albertinia and Riversdale. I also stopped in Caledon at the follow-up workshop which I attended two weeks back.

Week 4 to 8 March 2013

The beginning of my last week collecting data for my research project— a very stressful week. It is the make or break week. I have two session scheduled at the Metro East EMDC in Kuilsriver and a various individual appointment with schools in Kuilsriver, Kraaifontein, Durbanville, Belhar, Ravensmeade, Delft, Macassar and Bellville area. In addition: a return trip to two schools in Stellenbosch.

Monday 4 March 2013

The morning I visited some of the schools on my list in the Metro North EMDC.

The first group session arranged by Razia Ebrahim for the Metro East EMDC. The school which attended the session was all the schools with satisfactory performance in Mathematics. The teachers were all eager to listen and complete the survey. I made arrangement with a teacher from a school in Macassar to visit the school on the Thursday. She was very despondent with the negative attitude of her colleagues.

Tuesday 5 March 2013

The second group session which were a large group of all the poorer Mathematics performing schools. It is amazing to see the negative attitudes of some of the teachers in the session.

Some concerns and inspiration

As I drove into each schoolyard across the WCED, I could immediately pick up whether the school functions well or not. The saying of first impressions last. A peaceful atmosphere, clean schoolyard and good reception irrespective of quintile and location I encountered in many schools. One thing that is disturbing is the visible social inequities which will take many years if ever to bridge. Schools with: resources galore, less than thirty learners per class competing with schools with so many social issues like drugs, gangsters, and poverty.

In most of the session I attended and schools I visited the teachers experienced problems with the mathematical competencies of the learners—they are not on the level which they have to be for the phase.

A school I visited in Ravensmeade on the Cape flats: a model and innovative school. The school community in cooperation of the SMT must be saluted for their hard work and determination to aspire

for quality innovative teaching and learning. They converted two classrooms and made a computer centre for innovation raising the funds through initiatives by the school governing body and SMT.

I encountered that many teachers who are in the process of furthering their studies are very positive towards PD and ICT innovation.

I was not able to reach all the schools on my list with the restricted time I had to complete the process and the many hold ups in the various districts.

Addendum 4.16

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Faculty of Education Sciences
February/March 2013

Dear Sir/Madam

Complete of survey instrument: Mathematics teachers in the Senior Phase (grades 7-9)

I, Verona Leendertz, am enrolled for a PhD study at the Faculty of Education Sciences, Potchefstroom Campus of the North-West University. I am in the process of conducting research on the professional development of Mathematics teachers. The title of my thesis is: *Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning.*

I obtained permission from the WCED to conduct research in your educational district between February and March 2013. The attachment lists the schools which were selected from a systematic stratified sample in your educational district. I shall appreciate it if you can assist me in the following regard.

I arranged with the Mathematics subject advisors to distribute the survey to your schools to complete. Your contribution will be valuable to determine the professional developments needs for Mathematics teachers in ICT integration in the WCED and compile the professional development guidelines for the WCED.

I commit myself to the professional code of ethics for researchers and other aspects of respectful research:

- Research approved by the Ethics Committee of the North-West University (NWU-00120-12-S2)
- Voluntary participation of all research respondents
- Guaranteed anonymity and confidentiality of the research respondents
- No interference with the general and academic programme of the school will take place
- Dissemination of research results to the Western Cape Education Department, as well as the schools and respondents who participated in the study.

Please find attach the following information:

- Survey instrument
- Permission letter WCED
- Contact details for fax:

Thank you for your willingness to complete this survey.

Yours sincerely

Verona Leendertz
Cel: 0762825334
Email: 13173391@nwu.ac.za

Addendum 4.17

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOMKAMPUS
Faculty of Education Sciences
February/March 2013

Dear Sir/Madam

Complete of survey instrument: Mathematics teachers in the Senior Phase (grades 7-9)

I, Verona Leendertz, am enrolled for a PhD study at the Faculty of Education Sciences, Potchefstroom Campus of the North-West University. I am in the process of conducting research on the professional development of Mathematics teachers. The title of my thesis is: *Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning.*

I obtained permission from the WCED to conduct research in your educational district between February and March 2013. The attachment lists the schools which were selected from a systematic stratified sample in your educational district. I shall appreciate it if you, as curriculum advisors, can assist me in the following regard during your standard setting meetings and school visits.

I commit myself to the professional code of ethics for researchers and other aspects of respectful research:

- Research approved by the Ethics Committee of the North-West University (NWU-00120-12-S2)
- Voluntary participation of all research respondents
- Guaranteed anonymity and confidentiality of the research respondents
- No interference with the general and academic programme of the school will take place
- Dissemination of research results to the Western Cape Education Department, as well as the schools and respondents who participated in the study.

Please find attach the following information:

- Survey instrument
- Permission letter WCED
- Contact details for fax:

Thank you for your willingness to accommodate me in your busy schedule.

Yours sincerely

Verona Leendertz
Cel: 0762825334
Email: 13173391@nwu.ac.za

Addendum 4.18

NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
B
Building B11A, G17A
Potchefstroom Campus
North-West University
Potchefstroom
2531

Senior Phase Mathematics Educator
X
P.O. Box X
X
X

Dear Sir/Madam

Permission to participate in research

I, Verona Leendertz, am a PhD student enrolled at the Faculty of Education Sciences, Potchefstroom Campus of the North-West University. I intend to collect data for my research study on learning and teaching. The title of my proposed thesis is: *Guidelines for the professional development of Mathematics teachers in the pedagogical use of ICT in open distance learning.*

I hereby request you to participate in a survey on the professional development of Mathematics teachers regarding the pedagogical use of ICT in open distance learning. The completion of the survey will last about an hour.

I pledge to maintain the professional and research ethical codes. This signifies that:

- Your participation in this research remains voluntary and you may, at any time, withdraw from the research
- Your personal information will at all times be treated as confidential
- No demands will be made on your academic teaching programme
- Should you be interested, the research findings will be made available to you and your school.

I am planning to conduct this research from January to March 2013. Could you please provide me with your written consent by filling in the consent form. Please return the consent form to me or fax it to (018) 299 4558. Your input and opinions will be greatly appreciated.
Yours sincerely,

_____

Verona Leendertz
PhD Candidate, North-West University
Student number: 13173391
Mobile number: 076 282 5334

Addendum 5.1: Descriptive Statistics of Biographical Information

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GET
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b19bipad b19ccell b19ccom b19cipad b19dcell b19dcom b19dipad b19ecell
b19ecom b19eipad b20acell b20acom b20aipad b20bcell b20bcom b20bipad
 b20ccell b20ccom b20cipad b20dcell b20dcom b20dipad

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  /ORDER=ANALYSIS.
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Frequencies

Notes

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Frequency Table

a1

		Frequency	Percent	Valid Percent	Cumulative Percent
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Missing	System	2	.7		
Total		302	100.0		

a2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	21.00	1	.3	.3	.3
	23.00	8	2.6	2.7	3.0
	24.00	7	2.3	2.3	5.3
	25.00	12	4.0	4.0	9.3
	26.00	11	3.6	3.7	13.0
	27.00	13	4.3	4.3	17.3
	28.00	9	3.0	3.0	20.3
	29.00	5	1.7	1.7	22.0
	30.00	6	2.0	2.0	24.0
	31.00	6	2.0	2.0	26.0
	32.00	7	2.3	2.3	28.3
	33.00	5	1.7	1.7	30.0
	34.00	6	2.0	2.0	32.0
	35.00	8	2.6	2.7	34.7
	36.00	10	3.3	3.3	38.0

	37.00	9	3.0	3.0	41.0
	38.00	5	1.7	1.7	42.7
	39.00	9	3.0	3.0	45.7
	40.00	11	3.6	3.7	49.3
	41.00	5	1.7	1.7	51.0
	42.00	13	4.3	4.3	55.3
	43.00	12	4.0	4.0	59.3
	44.00	7	2.3	2.3	61.7
	45.00	6	2.0	2.0	63.7
	46.00	10	3.3	3.3	67.0
	47.00	10	3.3	3.3	70.3
	48.00	10	3.3	3.3	73.7
	49.00	11	3.6	3.7	77.3
	50.00	5	1.7	1.7	79.0
	51.00	7	2.3	2.3	81.3
	52.00	14	4.6	4.7	86.0
	53.00	6	2.0	2.0	88.0
	54.00	5	1.7	1.7	89.7
	55.00	4	1.3	1.3	91.0
	56.00	5	1.7	1.7	92.7
	57.00	3	1.0	1.0	93.7
	58.00	2	.7	.7	94.3
	59.00	6	2.0	2.0	96.3
	60.00	2	.7	.7	97.0
	61.00	1	.3	.3	97.3
	62.00	2	.7	.7	98.0
	64.00	3	1.0	1.0	99.0
	65.00	3	1.0	1.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	5	1.7	1.7	1.7
	1.00	18	6.0	6.0	7.7
	2.00	18	6.0	6.0	13.7
	3.00	15	5.0	5.0	18.7
	4.00	7	2.3	2.3	21.0
	5.00	17	5.6	5.7	26.7
	6.00	9	3.0	3.0	29.7
	7.00	12	4.0	4.0	33.7
	8.00	6	2.0	2.0	35.7
	9.00	6	2.0	2.0	37.7
	10.00	11	3.6	3.7	41.3
	11.00	1	.3	.3	41.7
	12.00	10	3.3	3.3	45.0
	13.00	10	3.3	3.3	48.3
	14.00	9	3.0	3.0	51.3
	15.00	7	2.3	2.3	53.7
	16.00	4	1.3	1.3	55.0
	17.00	16	5.3	5.3	60.3
	18.00	4	1.3	1.3	61.7
	19.00	6	2.0	2.0	63.7
	20.00	9	3.0	3.0	66.7
	21.00	7	2.3	2.3	69.0
	22.00	7	2.3	2.3	71.3
	23.00	12	4.0	4.0	75.3
	24.00	3	1.0	1.0	76.3
	25.00	13	4.3	4.3	80.7
	26.00	8	2.6	2.7	83.3
	27.00	7	2.3	2.3	85.7
	28.00	7	2.3	2.3	88.0
	29.00	4	1.3	1.3	89.3
	30.00	11	3.6	3.7	93.0
	31.00	4	1.3	1.3	94.3
	32.00	2	.7	.7	95.0
	33.00	2	.7	.7	95.7
	34.00	1	.3	.3	96.0
	35.00	5	1.7	1.7	97.7
	38.00	2	.7	.7	98.3
	39.00	1	.3	.3	98.7
	40.00	3	1.0	1.0	99.7
	43.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a4g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	230	76.2	76.7	76.7
	1.00	8	2.6	2.7	79.3
	2.00	10	3.3	3.3	82.7

	3.00	7	2.3	2.3	85.0
	4.00	3	1.0	1.0	86.0
	5.00	8	2.6	2.7	88.7
	6.00	2	.7	.7	89.3
	7.00	2	.7	.7	90.0
	8.00	2	.7	.7	90.7
	9.00	1	.3	.3	91.0
	10.00	2	.7	.7	91.7
	12.00	1	.3	.3	92.0
	13.00	2	.7	.7	92.7
	14.00	1	.3	.3	93.0
	15.00	2	.7	.7	93.7
	16.00	1	.3	.3	94.0
	17.00	2	.7	.7	94.7
	18.00	2	.7	.7	95.3
	19.00	1	.3	.3	95.7
	20.00	2	.7	.7	96.3
	21.00	1	.3	.3	96.7
	23.00	1	.3	.3	97.0
	25.00	5	1.7	1.7	98.7
	26.00	3	1.0	1.0	99.7
	40.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a4g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	73	24.2	24.3	24.3
	1.00	15	5.0	5.0	29.3
	2.00	24	7.9	8.0	37.3
	3.00	30	9.9	10.0	47.3
	4.00	19	6.3	6.3	53.7
	5.00	19	6.3	6.3	60.0
	6.00	8	2.6	2.7	62.7
	7.00	14	4.6	4.7	67.3
	8.00	6	2.0	2.0	69.3
	9.00	2	.7	.7	70.0
	10.00	14	4.6	4.7	74.7
	12.00	7	2.3	2.3	77.0
	13.00	5	1.7	1.7	78.7
	14.00	3	1.0	1.0	79.7
	15.00	5	1.7	1.7	81.3
	16.00	3	1.0	1.0	82.3
	17.00	3	1.0	1.0	83.3
	18.00	1	.3	.3	83.7
	20.00	8	2.6	2.7	86.3
	21.00	3	1.0	1.0	87.3
	22.00	3	1.0	1.0	88.3
	23.00	8	2.6	2.7	91.0
	24.00	1	.3	.3	91.3
	25.00	7	2.3	2.3	93.7
	26.00	2	.7	.7	94.3
	27.00	3	1.0	1.0	95.3
	28.00	2	.7	.7	96.0
	29.00	3	1.0	1.0	97.0
	30.00	4	1.3	1.3	98.3
	31.00	2	.7	.7	99.0
	33.00	1	.3	.3	99.3
	39.00	1	.3	.3	99.7
	40.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a4g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	50	16.6	16.7	16.7
	1.00	21	7.0	7.0	23.7
	2.00	35	11.6	11.7	35.5
	3.00	25	8.3	8.4	43.8
	4.00	14	4.6	4.7	48.5
	5.00	18	6.0	6.0	54.5
	6.00	9	3.0	3.0	57.5
	7.00	12	4.0	4.0	61.5
	8.00	11	3.6	3.7	65.2
	9.00	6	2.0	2.0	67.2
	10.00	10	3.3	3.3	70.6
	11.00	2	.7	.7	71.2
	12.00	2	.7	.7	71.9
	13.00	6	2.0	2.0	73.9
	14.00	8	2.6	2.7	76.6
	15.00	5	1.7	1.7	78.3

	16.00	3	1.0	1.0	79.3
	17.00	4	1.3	1.3	80.6
	18.00	2	.7	.7	81.3
	19.00	1	.3	.3	81.6
	20.00	9	3.0	3.0	84.6
	21.00	2	.7	.7	85.3
	22.00	5	1.7	1.7	87.0
	23.00	6	2.0	2.0	89.0
	24.00	2	.7	.7	89.6
	25.00	5	1.7	1.7	91.3
	26.00	3	1.0	1.0	92.3
	27.00	2	.7	.7	93.0
	28.00	4	1.3	1.3	94.3
	29.00	3	1.0	1.0	95.3
	30.00	6	2.0	2.0	97.3
	31.00	2	.7	.7	98.0
	32.00	2	.7	.7	98.7
	33.00	1	.3	.3	99.0
	38.00	2	.7	.7	99.7
	43.00	1	.3	.3	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

a5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	58	19.2	19.3	19.3
	2.00	188	62.3	62.7	82.0
	3.00	48	15.9	16.0	98.0
	4.00	3	1.0	1.0	99.0
	5.00	3	1.0	1.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	121	40.1	40.3	40.3
	2.00	167	55.3	55.7	96.0
	3.00	1	.3	.3	96.3
	4.00	7	2.3	2.3	98.7
	5.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	21	7.0	7.0	7.0
	2.00	62	20.5	20.7	27.7
	3.00	27	8.9	9.0	36.7
	4.00	4	1.3	1.3	38.0
	5.00	45	14.9	15.0	53.0
	6.00	33	10.9	11.0	64.0
	7.00	54	17.9	18.0	82.0
	8.00	16	5.3	5.3	87.3
	9.00	8	2.6	2.7	90.0
	10.00	1	.3	.3	90.3
	11.00	29	9.6	9.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	2	.7	.7	.7
	2.00	8	2.6	2.7	3.3
	3.00	1	.3	.3	3.7
	4.00	252	83.4	84.0	87.7
	5.00	8	2.6	2.7	90.3
	6.00	6	2.0	2.0	92.3
	7.00	2	.7	.7	93.0
	8.00	2	.7	.7	93.7
	9.00	2	.7	.7	94.3
	10.00	3	1.0	1.0	95.3
	11.00	1	.3	.3	95.7
	12.00	1	.3	.3	96.0
	13.00	1	.3	.3	96.3
	14.00	1	.3	.3	96.7
	16.00	10	3.3	3.3	100.0
	Total	300	99.3	100.0	

Missing	System	2	.7		
Total		302	100.0		

b1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	40	13.2	13.3	13.3
	2.00	46	15.2	15.3	28.7
	3.00	17	5.6	5.7	34.3
	4.00	28	9.3	9.3	43.7
	5.00	68	22.5	22.7	66.3
	6.00	54	17.9	18.0	84.3
	7.00	5	1.7	1.7	86.0
	8.00	42	13.9	14.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	52	17.2	17.3	17.3
	2.00	21	7.0	7.0	24.3
	3.00	56	18.5	18.7	43.0
	4.00	61	20.2	20.3	63.3
	5.00	95	31.5	31.7	95.0
	6.00	14	4.6	4.7	99.7
	8.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	15	5.0	5.0	5.0
	2.00	107	35.4	35.7	40.7
	3.00	86	28.5	28.7	69.3
	4.00	76	25.2	25.3	94.7
	5.00	16	5.3	5.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	1	.3	.3	.3
	1.00	3	1.0	1.0	1.3
	2.00	52	17.2	17.3	18.7
	3.00	115	38.1	38.3	57.0
	4.00	128	42.4	42.7	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b7g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	262	86.8	87.3	87.3
	1.00	36	11.9	12.0	99.3
	3.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b7g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	123	40.7	41.0	41.0
	1.00	171	56.6	57.0	98.0
	2.00	1	.3	.3	98.3
	4.00	4	1.3	1.3	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b7g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	74	24.5	24.7	24.7
	1.00	218	72.2	72.7	97.3
	2.00	1	.3	.3	97.7

	3.00	2	.7	.7	98.3
	4.00	4	1.3	1.3	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b8g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	248	82.1	82.7	82.7
	1.00	15	5.0	5.0	87.7
	2.00	16	5.3	5.3	93.0
	3.00	10	3.3	3.3	96.3
	4.00	2	.7	.7	97.0
	5.00	3	1.0	1.0	98.0
	6.00	2	.7	.7	98.7
	7.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b8g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	43	14.2	14.3	14.3
	1.00	32	10.6	10.7	25.0
	2.00	35	11.6	11.7	36.7
	3.00	37	12.3	12.3	49.0
	4.00	52	17.2	17.3	66.3
	5.00	25	8.3	8.3	74.7
	6.00	35	11.6	11.7	86.3
	7.00	23	7.6	7.7	94.0
	8.00	15	5.0	5.0	99.0
	9.00	3	1.0	1.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b8g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	39	12.9	13.0	13.0
	1.00	29	9.6	9.7	22.7
	2.00	38	12.6	12.7	35.3
	3.00	33	10.9	11.0	46.3
	4.00	50	16.6	16.7	63.0
	5.00	31	10.3	10.3	73.3
	6.00	32	10.6	10.7	84.0
	7.00	29	9.6	9.7	93.7
	8.00	15	5.0	5.0	98.7
	9.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b9g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	263	87.1	87.7	87.7
	18.00	1	.3	.3	88.0
	22.00	3	1.0	1.0	89.0
	23.00	1	.3	.3	89.3
	28.00	2	.7	.7	90.0
	30.00	3	1.0	1.0	91.0
	31.00	1	.3	.3	91.3
	32.00	1	.3	.3	91.7
	35.00	1	.3	.3	92.0
	36.00	1	.3	.3	92.3
	37.00	2	.7	.7	93.0
	40.00	2	.7	.7	93.7
	41.00	1	.3	.3	94.0
	42.00	2	.7	.7	94.7
	43.00	1	.3	.3	95.0
	44.00	1	.3	.3	95.3
	45.00	1	.3	.3	95.7
	47.00	1	.3	.3	96.0
	54.00	1	.3	.3	96.3
	60.00	2	.7	.7	97.0
	65.00	2	.7	.7	97.7
	70.00	1	.3	.3	98.0
	72.00	1	.3	.3	98.3
	94.00	1	.3	.3	98.7
	96.00	1	.3	.3	99.0
	100.00	1	.3	.3	99.3

	105.00	1	.3	.3	99.7
	126.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b9g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	119	39.4	39.7	39.7
	10.00	1	.3	.3	40.0
	13.00	1	.3	.3	40.3
	18.00	6	2.0	2.0	42.3
	19.00	2	.7	.7	43.0
	20.00	2	.7	.7	43.7
	23.00	1	.3	.3	44.0
	24.00	1	.3	.3	44.3
	25.00	2	.7	.7	45.0
	26.00	1	.3	.3	45.3
	27.00	1	.3	.3	45.7
	28.00	1	.3	.3	46.0
	29.00	2	.7	.7	46.7
	30.00	5	1.7	1.7	48.3
	31.00	2	.7	.7	49.0
	32.00	5	1.7	1.7	50.7
	33.00	3	1.0	1.0	51.7
	34.00	1	.3	.3	52.0
	35.00	5	1.7	1.7	53.7
	36.00	7	2.3	2.3	56.0
	38.00	3	1.0	1.0	57.0
	40.00	10	3.3	3.3	60.3
	41.00	1	.3	.3	60.7
	42.00	2	.7	.7	61.3
	43.00	1	.3	.3	61.7
	44.00	1	.3	.3	62.0
	45.00	6	2.0	2.0	64.0
	46.00	1	.3	.3	64.3
	48.00	3	1.0	1.0	65.3
	49.00	2	.7	.7	66.0
	50.00	2	.7	.7	66.7
	51.00	1	.3	.3	67.0
	52.00	3	1.0	1.0	68.0
	54.00	2	.7	.7	68.7
	56.00	1	.3	.3	69.0
	57.00	2	.7	.7	69.7
	58.00	1	.3	.3	70.0
	60.00	8	2.6	2.7	72.7
	62.00	1	.3	.3	73.0
	63.00	2	.7	.7	73.7
	65.00	1	.3	.3	74.0
	67.00	1	.3	.3	74.3
	68.00	1	.3	.3	74.7
	69.00	1	.3	.3	75.0
	70.00	7	2.3	2.3	77.3
	72.00	2	.7	.7	78.0
	73.00	1	.3	.3	78.3
	75.00	2	.7	.7	79.0
	76.00	2	.7	.7	79.7
	78.00	1	.3	.3	80.0
	80.00	6	2.0	2.0	82.0
	82.00	1	.3	.3	82.3
	85.00	1	.3	.3	82.7
	86.00	2	.7	.7	83.3
	88.00	1	.3	.3	83.7
	89.00	1	.3	.3	84.0
	90.00	6	2.0	2.0	86.0
	91.00	1	.3	.3	86.3
	93.00	1	.3	.3	86.7
	94.00	1	.3	.3	87.0
	95.00	1	.3	.3	87.3
	96.00	2	.7	.7	88.0
	100.00	2	.7	.7	88.7
	105.00	2	.7	.7	89.3
	109.00	1	.3	.3	89.7
	113.00	1	.3	.3	90.0
	120.00	8	2.6	2.7	92.7
	128.00	1	.3	.3	93.0
	130.00	1	.3	.3	93.3
	140.00	2	.7	.7	94.0
	150.00	1	.3	.3	94.3
	154.00	2	.7	.7	95.0
	160.00	2	.7	.7	95.7
	165.00	1	.3	.3	96.0
	180.00	2	.7	.7	96.7
	184.00	1	.3	.3	97.0

	200.00	1	.3	.3	97.3
	210.00	1	.3	.3	97.7
	218.00	1	.3	.3	98.0
	240.00	1	.3	.3	98.3
	245.00	1	.3	.3	98.7
	250.00	2	.7	.7	99.3
	280.00	1	.3	.3	99.7
	350.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b9g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	82	27.2	27.4	27.4
	1.00	1	.3	.3	27.8
	12.00	2	.7	.7	28.4
	15.00	1	.3	.3	28.8
	18.00	3	1.0	1.0	29.8
	20.00	1	.3	.3	30.1
	21.00	1	.3	.3	30.4
	22.00	1	.3	.3	30.8
	23.00	2	.7	.7	31.4
	24.00	2	.7	.7	32.1
	25.00	3	1.0	1.0	33.1
	26.00	1	.3	.3	33.4
	27.00	1	.3	.3	33.8
	28.00	4	1.3	1.3	35.1
	30.00	8	2.6	2.7	37.8
	32.00	10	3.3	3.3	41.1
	33.00	3	1.0	1.0	42.1
	34.00	2	.7	.7	42.8
	35.00	3	1.0	1.0	43.8
	36.00	5	1.7	1.7	45.5
	37.00	5	1.7	1.7	47.2
	38.00	2	.7	.7	47.8
	39.00	1	.3	.3	48.2
	40.00	5	1.7	1.7	49.8
	41.00	2	.7	.7	50.5
	42.00	2	.7	.7	51.2
	45.00	3	1.0	1.0	52.2
	46.00	3	1.0	1.0	53.2
	47.00	2	.7	.7	53.8
	48.00	1	.3	.3	54.2
	49.00	1	.3	.3	54.5
	50.00	4	1.3	1.3	55.9
	51.00	2	.7	.7	56.5
	52.00	2	.7	.7	57.2
	55.00	2	.7	.7	57.9
	56.00	1	.3	.3	58.2
	57.00	1	.3	.3	58.5
	60.00	7	2.3	2.3	60.9
	61.00	1	.3	.3	61.2
	62.00	1	.3	.3	61.5
	65.00	2	.7	.7	62.2
	70.00	5	1.7	1.7	63.9
	71.00	1	.3	.3	64.2
	73.00	1	.3	.3	64.5
	75.00	2	.7	.7	65.2
	78.00	1	.3	.3	65.6
	80.00	8	2.6	2.7	68.2
	83.00	1	.3	.3	68.6
	89.00	1	.3	.3	68.9
	90.00	7	2.3	2.3	71.2
	91.00	1	.3	.3	71.6
	92.00	1	.3	.3	71.9
	93.00	1	.3	.3	72.2
	95.00	1	.3	.3	72.6
	96.00	2	.7	.7	73.2
	98.00	1	.3	.3	73.6
	100.00	9	3.0	3.0	76.6
	102.00	1	.3	.3	76.9
	104.00	2	.7	.7	77.6
	106.00	3	1.0	1.0	78.6
	108.00	1	.3	.3	78.9
	110.00	1	.3	.3	79.3
	111.00	1	.3	.3	79.6
	117.00	1	.3	.3	79.9
	120.00	13	4.3	4.3	84.3
	121.00	1	.3	.3	84.6
	125.00	3	1.0	1.0	85.6
	128.00	1	.3	.3	86.0
	136.00	1	.3	.3	86.3
	140.00	1	.3	.3	86.6

	142.00	2	.7	.7	87.3
	150.00	1	.3	.3	87.6
	155.00	1	.3	.3	88.0
	157.00	1	.3	.3	88.3
	158.00	1	.3	.3	88.6
	160.00	3	1.0	1.0	89.6
	165.00	2	.7	.7	90.3
	168.00	1	.3	.3	90.6
	170.00	2	.7	.7	91.3
	175.00	1	.3	.3	91.6
	180.00	1	.3	.3	92.0
	186.00	2	.7	.7	92.6
	190.00	1	.3	.3	93.0
	194.00	1	.3	.3	93.3
	195.00	1	.3	.3	93.6
	196.00	1	.3	.3	94.0
	200.00	3	1.0	1.0	95.0
	205.00	1	.3	.3	95.3
	210.00	2	.7	.7	96.0
	230.00	3	1.0	1.0	97.0
	240.00	3	1.0	1.0	98.0
	248.00	1	.3	.3	98.3
	250.00	2	.7	.7	99.0
	300.00	1	.3	.3	99.3
	310.00	2	.7	.7	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

b10

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15	5.0	5.0	5.0
	1.00	143	47.4	47.7	52.7
	2.00	88	29.1	29.3	82.0
	3.00	45	14.9	15.0	97.0
	4.00	8	2.6	2.7	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11adm

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	14	4.6	4.7	4.7
	1.00	21	7.0	7.0	11.7
	2.00	73	24.2	24.3	36.0
	3.00	49	16.2	16.3	52.3
	4.00	39	12.9	13.0	65.3
	5.00	22	7.3	7.3	72.7
	6.00	18	6.0	6.0	78.7
	7.00	3	1.0	1.0	79.7
	8.00	12	4.0	4.0	83.7
	9.00	1	.3	.3	84.0
	10.00	15	5.0	5.0	89.0
	11.00	4	1.3	1.3	90.3
	15.00	10	3.3	3.3	93.7
	19.00	1	.3	.3	94.0
	20.00	8	2.6	2.7	96.7
	22.00	2	.7	.7	97.3
	25.00	3	1.0	1.0	98.3
	30.00	1	.3	.3	98.7
	40.00	3	1.0	1.0	99.7
	70.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11gen

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	58	19.2	19.3	19.3
	1.00	6	2.0	2.0	21.3
	2.00	9	3.0	3.0	24.3
	3.00	5	1.7	1.7	26.0
	4.00	6	2.0	2.0	28.0
	6.00	1	.3	.3	28.3
	8.00	2	.7	.7	29.0
	9.00	2	.7	.7	29.7
	10.00	7	2.3	2.3	32.0
	12.00	1	.3	.3	32.3
	15.00	2	.7	.7	33.0
	16.00	1	.3	.3	33.3
	18.00	1	.3	.3	33.7

	19.00	1	.3	.3	34.0
	20.00	27	8.9	9.0	43.0
	22.00	5	1.7	1.7	44.7
	23.00	3	1.0	1.0	45.7
	24.00	5	1.7	1.7	47.3
	25.00	11	3.6	3.7	51.0
	26.00	2	.7	.7	51.7
	27.00	2	.7	.7	52.3
	28.00	4	1.3	1.3	53.7
	29.00	4	1.3	1.3	55.0
	30.00	36	11.9	12.0	67.0
	33.00	1	.3	.3	67.3
	35.00	3	1.0	1.0	68.3
	36.00	5	1.7	1.7	70.0
	40.00	28	9.3	9.3	79.3
	42.00	1	.3	.3	79.7
	43.00	4	1.3	1.3	81.0
	45.00	2	.7	.7	81.7
	50.00	4	1.3	1.3	83.0
	60.00	14	4.6	4.7	87.7
	70.00	6	2.0	2.0	89.7
	80.00	10	3.3	3.3	93.0
	90.00	4	1.3	1.3	94.3
	98.00	1	.3	.3	94.7
	99.00	2	.7	.7	95.3
	100.00	6	2.0	2.0	97.3
	105.00	2	.7	.7	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	260	86.1	86.7	86.7
	1.00	5	1.7	1.7	88.3
	10.00	1	.3	.3	88.7
	15.00	1	.3	.3	89.0
	19.00	1	.3	.3	89.3
	20.00	5	1.7	1.7	91.0
	22.00	2	.7	.7	91.7
	23.00	3	1.0	1.0	92.7
	25.00	3	1.0	1.0	93.7
	26.00	1	.3	.3	94.0
	27.00	2	.7	.7	94.7
	29.00	4	1.3	1.3	96.0
	30.00	5	1.7	1.7	97.7
	35.00	1	.3	.3	98.0
	36.00	3	1.0	1.0	99.0
	40.00	1	.3	.3	99.3
	50.00	1	.3	.3	99.7
	80.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	161	53.3	53.7	53.7
	1.00	11	3.6	3.7	57.3
	3.00	3	1.0	1.0	58.3
	8.00	2	.7	.7	59.0
	10.00	3	1.0	1.0	60.0
	11.00	1	.3	.3	60.3
	12.00	1	.3	.3	60.7
	15.00	4	1.3	1.3	62.0
	16.00	1	.3	.3	62.3
	19.00	1	.3	.3	62.7
	20.00	21	7.0	7.0	69.7
	22.00	4	1.3	1.3	71.0
	23.00	4	1.3	1.3	72.3
	24.00	4	1.3	1.3	73.7
	25.00	8	2.6	2.7	76.3
	26.00	2	.7	.7	77.0
	27.00	2	.7	.7	77.7
	28.00	1	.3	.3	78.0
	29.00	4	1.3	1.3	79.3
	30.00	23	7.6	7.7	87.0
	33.00	1	.3	.3	87.3
	35.00	4	1.3	1.3	88.7
	36.00	3	1.0	1.0	89.7
	40.00	11	3.6	3.7	93.3

	50.00	2	.7	.7	94.0
	60.00	3	1.0	1.0	95.0
	70.00	6	2.0	2.0	97.0
	80.00	1	.3	.3	97.3
	90.00	4	1.3	1.3	98.7
	125.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	141	46.7	47.0	47.0
	1.00	10	3.3	3.3	50.3
	3.00	6	2.0	2.0	52.3
	6.00	1	.3	.3	52.7
	8.00	1	.3	.3	53.0
	10.00	4	1.3	1.3	54.3
	11.00	1	.3	.3	54.7
	12.00	1	.3	.3	55.0
	15.00	4	1.3	1.3	56.3
	16.00	1	.3	.3	56.7
	18.00	1	.3	.3	57.0
	19.00	1	.3	.3	57.3
	20.00	23	7.6	7.7	65.0
	22.00	4	1.3	1.3	66.3
	23.00	4	1.3	1.3	67.7
	24.00	4	1.3	1.3	69.0
	25.00	9	3.0	3.0	72.0
	26.00	3	1.0	1.0	73.0
	27.00	1	.3	.3	73.3
	28.00	3	1.0	1.0	74.3
	29.00	4	1.3	1.3	75.7
	30.00	26	8.6	8.7	84.3
	33.00	1	.3	.3	84.7
	35.00	4	1.3	1.3	86.0
	36.00	3	1.0	1.0	87.0
	40.00	10	3.3	3.3	90.3
	50.00	3	1.0	1.0	91.3
	60.00	3	1.0	1.0	92.3
	70.00	6	2.0	2.0	94.3
	80.00	1	.3	.3	94.7
	90.00	4	1.3	1.3	96.0
	100.00	6	2.0	2.0	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12adm

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	14	4.6	4.7	4.7
	1.00	25	8.3	8.3	13.0
	2.00	72	23.8	24.0	37.0
	3.00	42	13.9	14.0	51.0
	4.00	40	13.2	13.3	64.3
	5.00	22	7.3	7.3	71.7
	6.00	19	6.3	6.3	78.0
	7.00	3	1.0	1.0	79.0
	8.00	12	4.0	4.0	83.0
	9.00	1	.3	.3	83.3
	10.00	14	4.6	4.7	88.0
	11.00	4	1.3	1.3	89.3
	13.00	4	1.3	1.3	90.7
	15.00	5	1.7	1.7	92.3
	19.00	1	.3	.3	92.7
	20.00	9	3.0	3.0	95.7
	22.00	2	.7	.7	96.3
	25.00	3	1.0	1.0	97.3
	30.00	2	.7	.7	98.0
	40.00	3	1.0	1.0	99.0
	44.00	2	.7	.7	99.7
	70.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12gen

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	86	28.5	28.7	28.7
	1.00	4	1.3	1.3	30.0

	2.00	4	1.3	1.3	31.3
	3.00	7	2.3	2.3	33.7
	4.00	2	.7	.7	34.3
	6.00	1	.3	.3	34.7
	8.00	2	.7	.7	35.3
	10.00	4	1.3	1.3	36.7
	12.00	1	.3	.3	37.0
	15.00	4	1.3	1.3	38.3
	16.00	2	.7	.7	39.0
	18.00	1	.3	.3	39.3
	19.00	1	.3	.3	39.7
	20.00	25	8.3	8.3	48.0
	22.00	5	1.7	1.7	49.7
	23.00	3	1.0	1.0	50.7
	24.00	4	1.3	1.3	52.0
	25.00	9	3.0	3.0	55.0
	26.00	2	.7	.7	55.7
	27.00	2	.7	.7	56.3
	28.00	3	1.0	1.0	57.3
	29.00	3	1.0	1.0	58.3
	30.00	35	11.6	11.7	70.0
	33.00	1	.3	.3	70.3
	35.00	2	.7	.7	71.0
	36.00	5	1.7	1.7	72.7
	40.00	27	8.9	9.0	81.7
	42.00	1	.3	.3	82.0
	45.00	1	.3	.3	82.3
	50.00	4	1.3	1.3	83.7
	60.00	14	4.6	4.7	88.3
	70.00	4	1.3	1.3	89.7
	80.00	10	3.3	3.3	93.0
	90.00	4	1.3	1.3	94.3
	98.00	1	.3	.3	94.7
	99.00	2	.7	.7	95.3
	100.00	6	2.0	2.0	97.3
	105.00	2	.7	.7	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	262	86.8	87.3	87.3
	1.00	4	1.3	1.3	88.7
	2.00	1	.3	.3	89.0
	15.00	1	.3	.3	89.3
	19.00	1	.3	.3	89.7
	20.00	4	1.3	1.3	91.0
	22.00	2	.7	.7	91.7
	23.00	3	1.0	1.0	92.7
	25.00	1	.3	.3	93.0
	26.00	1	.3	.3	93.3
	27.00	2	.7	.7	94.0
	29.00	3	1.0	1.0	95.0
	30.00	7	2.3	2.3	97.3
	35.00	1	.3	.3	97.7
	36.00	3	1.0	1.0	98.7
	40.00	3	1.0	1.0	99.7
	80.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	174	57.6	58.0	58.0
	1.00	9	3.0	3.0	61.0
	3.00	3	1.0	1.0	62.0
	6.00	1	.3	.3	62.3
	8.00	1	.3	.3	62.7
	10.00	2	.7	.7	63.3
	11.00	1	.3	.3	63.7
	12.00	1	.3	.3	64.0
	15.00	4	1.3	1.3	65.3
	16.00	1	.3	.3	65.7
	19.00	1	.3	.3	66.0
	20.00	18	6.0	6.0	72.0
	22.00	4	1.3	1.3	73.3
	23.00	4	1.3	1.3	74.7
	24.00	3	1.0	1.0	75.7
	25.00	5	1.7	1.7	77.3

	26.00	1	.3	.3	77.7
	27.00	2	.7	.7	78.3
	28.00	1	.3	.3	78.7
	29.00	3	1.0	1.0	79.7
	30.00	21	7.0	7.0	86.7
	33.00	1	.3	.3	87.0
	35.00	3	1.0	1.0	88.0
	36.00	3	1.0	1.0	89.0
	40.00	11	3.6	3.7	92.7
	50.00	3	1.0	1.0	93.7
	60.00	3	1.0	1.0	94.7
	70.00	6	2.0	2.0	96.7
	80.00	1	.3	.3	97.0
	90.00	4	1.3	1.3	98.3
	98.00	1	.3	.3	98.7
	125.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	156	51.7	52.0	52.0
	1.00	8	2.6	2.7	54.7
	2.00	1	.3	.3	55.0
	3.00	6	2.0	2.0	57.0
	6.00	1	.3	.3	57.3
	10.00	3	1.0	1.0	58.3
	11.00	1	.3	.3	58.7
	12.00	1	.3	.3	59.0
	15.00	4	1.3	1.3	60.3
	16.00	1	.3	.3	60.7
	18.00	1	.3	.3	61.0
	19.00	1	.3	.3	61.3
	20.00	19	6.3	6.3	67.7
	22.00	4	1.3	1.3	69.0
	23.00	4	1.3	1.3	70.3
	24.00	3	1.0	1.0	71.3
	25.00	6	2.0	2.0	73.3
	26.00	2	.7	.7	74.0
	27.00	1	.3	.3	74.3
	28.00	3	1.0	1.0	75.3
	29.00	3	1.0	1.0	76.3
	30.00	25	8.3	8.3	84.7
	33.00	1	.3	.3	85.0
	35.00	3	1.0	1.0	86.0
	36.00	3	1.0	1.0	87.0
	40.00	9	3.0	3.0	90.0
	50.00	3	1.0	1.0	91.0
	60.00	3	1.0	1.0	92.0
	70.00	6	2.0	2.0	94.0
	80.00	1	.3	.3	94.3
	90.00	4	1.3	1.3	95.7
	98.00	1	.3	.3	96.0
	100.00	6	2.0	2.0	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b13

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	5	1.7	1.7	1.7
	1.00	19	6.3	6.3	8.0
	2.00	73	24.2	24.3	32.3
	3.00	152	50.3	50.7	83.0
	4.00	51	16.9	17.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b14g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	255	84.4	85.6	85.6
	1.00	15	5.0	5.0	90.6
	2.00	22	7.3	7.4	98.0
	3.00	5	1.7	1.7	99.7
	4.00	1	.3	.3	100.0
	Total	298	98.7	100.0	
Missing	System	4	1.3		
Total		302	100.0		

b14g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	124	41.1	41.3	41.3
	1.00	58	19.2	19.3	60.7
	2.00	81	26.8	27.0	87.7
	3.00	32	10.6	10.7	98.3
	4.00	3	1.0	1.0	99.3
	5.00	1	.3	.3	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b14g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	87	28.8	29.0	29.0
	1.00	71	23.5	23.7	52.7
	2.00	92	30.5	30.7	83.3
	3.00	47	15.6	15.7	99.0
	4.00	3	1.0	1.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b15a

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	105	34.8	35.0	35.0
	1.00	117	38.7	39.0	74.0
	2.00	32	10.6	10.7	84.7
	3.00	13	4.3	4.3	89.0
	4.00	13	4.3	4.3	93.3
	5.00	7	2.3	2.3	95.7
	6.00	6	2.0	2.0	97.7
	7.00	4	1.3	1.3	99.0
	8.00	1	.3	.3	99.3
	9.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b15b

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	42	13.9	14.0	14.0
	1.00	199	65.9	66.3	80.3
	2.00	46	15.2	15.3	95.7
	3.00	11	3.6	3.7	99.3
	4.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b16a

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	33	10.9	11.0	11.0
	1.00	266	88.1	89.0	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

b16b

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	104	34.4	34.8	34.8
	1.00	195	64.6	65.2	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

b17

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	137	45.4	45.7	45.7
	1.00	163	54.0	54.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b17nr

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	138	45.7	46.0	46.0
	1.00	39	12.9	13.0	59.0
	2.00	16	5.3	5.3	64.3
	3.00	36	11.9	12.0	76.3
	4.00	13	4.3	4.3	80.7
	5.00	11	3.6	3.7	84.3
	6.00	17	5.6	5.7	90.0
	7.00	3	1.0	1.0	91.0
	8.00	4	1.3	1.3	92.3
	10.00	3	1.0	1.0	93.3
	13.00	2	.7	.7	94.0
	16.00	1	.3	.3	94.3
	20.00	5	1.7	1.7	96.0
	21.00	4	1.3	1.3	97.3
	23.00	5	1.7	1.7	99.0
	40.00	1	.3	.3	99.3
	60.00	1	.3	.3	99.7
	80.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b18

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	268	88.7	89.3	89.3
	1.00	31	10.3	10.3	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19acell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	162	53.6	54.0	54.0
	1.00	138	45.7	46.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19acom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	202	66.9	67.3	67.3
	1.00	98	32.5	32.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19aipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	292	96.7	97.3	97.3
	1.00	8	2.6	2.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19bcell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	149	49.3	49.7	49.7
	1.00	151	50.0	50.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19bcom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	106	35.1	35.3	35.3
	1.00	194	64.2	64.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19bipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	284	94.0	94.7	94.7
	1.00	16	5.3	5.3	100.0
	Total	300	99.3	100.0	

Missing	System	2	.7		
Total		302	100.0		

b19ccell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	56	18.5	18.7	18.7
	1.00	244	80.8	81.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19ccom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	187	61.9	62.3	62.3
	1.00	113	37.4	37.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19cipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	285	94.4	95.0	95.0
	1.00	15	5.0	5.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19dcell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	225	74.5	75.0	75.0
	1.00	75	24.8	25.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19dcom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	214	70.9	71.3	71.3
	1.00	86	28.5	28.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19dipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	293	97.0	97.7	97.7
	1.00	7	2.3	2.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19ecell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	283	93.7	94.3	94.3
	1.00	17	5.6	5.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19ecom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	243	80.5	81.0	81.0
	1.00	57	18.9	19.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b19eipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	295	97.7	98.3	98.3
	1.00	5	1.7	1.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20acell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	179	59.3	59.7	59.7
	1.00	121	40.1	40.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20acom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	178	58.9	59.3	59.3
	1.00	122	40.4	40.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20aipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	293	97.0	97.7	97.7
	1.00	7	2.3	2.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20bcell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	246	81.5	82.0	82.0
	1.00	54	17.9	18.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20bcom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	97	32.1	32.3	32.3
	1.00	203	67.2	67.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20bipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	289	95.7	96.3	96.3
	1.00	11	3.6	3.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20ccell

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	274	90.7	91.3	91.3
	1.00	26	8.6	8.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20ccom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	95	31.5	31.7	31.7
	1.00	205	67.9	68.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20cipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	290	96.0	96.7	96.7
	1.00	10	3.3	3.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20dcell

		Frequency	Percent	Valid Percent	Cumulative Percent

Valid	.00	278	92.1	92.7	92.7
	1.00	22	7.3	7.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20dcom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	111	36.8	37.0	37.0
	1.00	189	62.6	63.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b20dipad

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	293	97.0	97.7	97.7
	1.00	7	2.3	2.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

```
DESCRIPTIVES VARIABLES=a2 a3 a4g7 a4g8 a4g9 b9g7 b9g8 b9g9 b11adm b11gen b11g7 b11g8 b11g9 b12adm b12gen b12g7 b12g8 b12g9 b15a b15b b17nr
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		13-MAR-2013 09:30:30
Comments		
Input	Data	P:\SKD\Cassim_V\CassimV.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=a2 a3 a4g7 a4g8 a4g9 b9g7 b9g8 b9g9 b11adm b11gen b11g7 b11g8 b11g9 b12adm b12gen b12g7 b12g8 b12g9 b15a b15b b17nr /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

```
[DataSet1] P:\SKD\Cassim_V\CassimV.sav
```

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
a2	300	21.00	65.00	40.5667	10.91556
a3	300	0.00	43.00	15.0333	10.58358
a4g7	300	0.00	40.00	2.2867	6.02762
a4g8	300	0.00	40.00	7.6700	9.04769
a4g9	299	0.00	43.00	8.7157	9.57360
b9g7	300	0.00	126.00	6.0400	18.55152
b9g8	300	0.00	350.00	44.2967	56.10110
b9g9	299	0.00	310.00	64.2843	67.64492
b11adm	300	0.00	70.00	5.5867	7.18758
b11gen	300	0.00	150.00	30.2133	30.01518
b11g7	300	0.00	80.00	3.3200	9.92030
b11g8	300	0.00	125.00	14.6033	23.10814
b11g9	300	0.00	150.00	18.4500	27.94406
b12adm	300	0.00	70.00	5.9067	7.96216
b12gen	300	0.00	150.00	28.0233	30.63502
b12g7	300	0.00	80.00	3.2600	9.92543
b12g8	300	0.00	125.00	14.0200	23.73572
b12g9	300	0.00	150.00	17.5867	28.50587
b15a	300	0.00	9.00	1.3233	1.69362
b15b	300	0.00	4.00	1.1067	.70018
b17nr	300	0.00	80.00	3.3067	7.66083
Valid N (listwise)	298				

Addendum 5.2: Descriptive Statistics of the Biographical Information of the Questionnaire

```
DATASET ACTIVATE DataSet10.
FREQUENCIES VARIABLES=a4g7 a4g8 a4g9 a5 a6 a7 a8
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		18-JUN-2013 12:04:25
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=a4g7 a4g8 a4g9 a5 a6 a7 a8 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Statistics

		a4g7	a4g8	a4g9	a5	a6	a7	a8
N	Valid	300	300	299	300	300	300	302
	Missing	2	2	3	2	2	2	0

Frequency Table

a4g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	230	76.2	76.7	76.7
	1.00	8	2.6	2.7	79.3
	2.00	10	3.3	3.3	82.7
	3.00	7	2.3	2.3	85.0
	4.00	3	1.0	1.0	86.0
	5.00	8	2.6	2.7	88.7
	6.00	2	.7	.7	89.3
	7.00	2	.7	.7	90.0
	8.00	2	.7	.7	90.7
	9.00	1	.3	.3	91.0
	10.00	2	.7	.7	91.7
	12.00	1	.3	.3	92.0
	13.00	2	.7	.7	92.7
	14.00	1	.3	.3	93.0
	15.00	2	.7	.7	93.7
	16.00	1	.3	.3	94.0

	17.00	2	.7	.7	94.7
	18.00	2	.7	.7	95.3
	19.00	1	.3	.3	95.7
	20.00	2	.7	.7	96.3
	21.00	1	.3	.3	96.7
	23.00	1	.3	.3	97.0
	25.00	5	1.7	1.7	98.7
	26.00	3	1.0	1.0	99.7
	40.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a4g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	73	24.2	24.3	24.3
	1.00	15	5.0	5.0	29.3
	2.00	24	7.9	8.0	37.3
	3.00	30	9.9	10.0	47.3
	4.00	19	6.3	6.3	53.7
	5.00	19	6.3	6.3	60.0
	6.00	8	2.6	2.7	62.7
	7.00	14	4.6	4.7	67.3
	8.00	6	2.0	2.0	69.3
	9.00	2	.7	.7	70.0
	10.00	14	4.6	4.7	74.7
	12.00	7	2.3	2.3	77.0
	13.00	5	1.7	1.7	78.7
	14.00	3	1.0	1.0	79.7
	15.00	5	1.7	1.7	81.3
	16.00	3	1.0	1.0	82.3
	17.00	3	1.0	1.0	83.3
	18.00	1	.3	.3	83.7
	20.00	8	2.6	2.7	86.3
	21.00	3	1.0	1.0	87.3
	22.00	3	1.0	1.0	88.3
	23.00	8	2.6	2.7	91.0
	24.00	1	.3	.3	91.3
	25.00	7	2.3	2.3	93.7
	26.00	2	.7	.7	94.3
	27.00	3	1.0	1.0	95.3
	28.00	2	.7	.7	96.0
	29.00	3	1.0	1.0	97.0
	30.00	4	1.3	1.3	98.3
	31.00	2	.7	.7	99.0
	33.00	1	.3	.3	99.3
	39.00	1	.3	.3	99.7
	40.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a4g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	50	16.6	16.7	16.7
	1.00	21	7.0	7.0	23.7
	2.00	35	11.6	11.7	35.5

	3.00	25	8.3	8.4	43.8
	4.00	14	4.6	4.7	48.5
	5.00	18	6.0	6.0	54.5
	6.00	9	3.0	3.0	57.5
	7.00	12	4.0	4.0	61.5
	8.00	11	3.6	3.7	65.2
	9.00	6	2.0	2.0	67.2
	10.00	10	3.3	3.3	70.6
	11.00	2	.7	.7	71.2
	12.00	2	.7	.7	71.9
	13.00	6	2.0	2.0	73.9
	14.00	8	2.6	2.7	76.6
	15.00	5	1.7	1.7	78.3
	16.00	3	1.0	1.0	79.3
	17.00	4	1.3	1.3	80.6
	18.00	2	.7	.7	81.3
	19.00	1	.3	.3	81.6
	20.00	9	3.0	3.0	84.6
	21.00	2	.7	.7	85.3
	22.00	5	1.7	1.7	87.0
	23.00	6	2.0	2.0	89.0
	24.00	2	.7	.7	89.6
	25.00	5	1.7	1.7	91.3
	26.00	3	1.0	1.0	92.3
	27.00	2	.7	.7	93.0
	28.00	4	1.3	1.3	94.3
	29.00	3	1.0	1.0	95.3
	30.00	6	2.0	2.0	97.3
	31.00	2	.7	.7	98.0
	32.00	2	.7	.7	98.7
	33.00	1	.3	.3	99.0
	38.00	2	.7	.7	99.7
	43.00	1	.3	.3	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

a5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	58	19.2	19.3	19.3
	2.00	188	62.3	62.7	82.0
	3.00	54	17.9	18.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	121	40.1	40.3	40.3
	2.00	175	57.9	58.3	98.7
	5.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	21	7.0	7.0	7.0
	2.00	89	29.5	29.7	36.7
	5.00	45	14.9	15.0	51.7
	6.00	42	13.9	14.0	65.7
	7.00	70	23.2	23.3	89.0
	11.00	33	10.9	11.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

a8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	4.00	252	83.4	83.4	83.4
	16.00	50	16.6	16.6	100.0
	Total	302	100.0	100.0	

```
FREQUENCIES VARIABLES=b1 b4 b5 b11adm b11gen b11g7 b11g8 b11g9 b12adm b12gen b12g7 b12g8 b12g9 b13 b14g7 b14g8 b14g9
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		18-JUN-2013 14:19:38
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=b1 b4 b5 b11adm b11gen b11g7 b11g8 b11g9 b12adm b12gen b12g7 b12g8 b12g9 b13 b14g7 b14g8 b14g9 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.75

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Statistics

		b1	b4	b5	b11adm	b11gen	b11g7	b11g8	b11g9	b12adm	b12gen	b12g7	b12g8	b12g9	b13	b14g7	b14g8	b14g9
N	Valid	300	300	300	300	300	300	300	300	300	300	300	300	300	300	298	300	300
	Missing	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2

Frequency Table

b1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	40	13.2	13.3	13.3
	2.00	46	15.2	15.3	28.7
	3.00	17	5.6	5.7	34.3
	4.00	28	9.3	9.3	43.7
	5.00	68	22.5	22.7	66.3
	6.00	54	17.9	18.0	84.3
	7.00	5	1.7	1.7	86.0
	8.00	42	13.9	14.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	52	17.2	17.3	17.3
	2.00	21	7.0	7.0	24.3
	3.00	56	18.5	18.7	43.0
	4.00	61	20.2	20.3	63.3
	5.00	95	31.5	31.7	95.0
	6.00	14	4.6	4.7	99.7
	8.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	15	5.0	5.0	5.0
	2.00	107	35.4	35.7	40.7
	3.00	86	28.5	28.7	69.3
	4.00	76	25.2	25.3	94.7
	5.00	16	5.3	5.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11adm

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	14	4.6	4.7	4.7
	1.00	21	7.0	7.0	11.7
	2.00	73	24.2	24.3	36.0
	3.00	49	16.2	16.3	52.3
	4.00	39	12.9	13.0	65.3
	5.00	22	7.3	7.3	72.7
	6.00	18	6.0	6.0	78.7
	7.00	3	1.0	1.0	79.7
	8.00	12	4.0	4.0	83.7
	9.00	1	.3	.3	84.0
	10.00	15	5.0	5.0	89.0
	11.00	4	1.3	1.3	90.3
	15.00	10	3.3	3.3	93.7
	19.00	1	.3	.3	94.0

	20.00	8	2.6	2.7	96.7
	22.00	2	.7	.7	97.3
	25.00	3	1.0	1.0	98.3
	30.00	1	.3	.3	98.7
	40.00	3	1.0	1.0	99.7
	70.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11gen

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	58	19.2	19.3	19.3
	1.00	6	2.0	2.0	21.3
	2.00	9	3.0	3.0	24.3
	3.00	5	1.7	1.7	26.0
	4.00	6	2.0	2.0	28.0
	6.00	1	.3	.3	28.3
	8.00	2	.7	.7	29.0
	9.00	2	.7	.7	29.7
	10.00	7	2.3	2.3	32.0
	12.00	1	.3	.3	32.3
	15.00	2	.7	.7	33.0
	16.00	1	.3	.3	33.3
	18.00	1	.3	.3	33.7
	19.00	1	.3	.3	34.0
	20.00	27	8.9	9.0	43.0
	22.00	5	1.7	1.7	44.7
	23.00	3	1.0	1.0	45.7
	24.00	5	1.7	1.7	47.3
	25.00	11	3.6	3.7	51.0
	26.00	2	.7	.7	51.7
	27.00	2	.7	.7	52.3
	28.00	4	1.3	1.3	53.7
	29.00	4	1.3	1.3	55.0
	30.00	36	11.9	12.0	67.0
	33.00	1	.3	.3	67.3
	35.00	3	1.0	1.0	68.3
	36.00	5	1.7	1.7	70.0
	40.00	28	9.3	9.3	79.3
	42.00	1	.3	.3	79.7
	43.00	4	1.3	1.3	81.0
	45.00	2	.7	.7	81.7
	50.00	4	1.3	1.3	83.0
	60.00	14	4.6	4.7	87.7
	70.00	6	2.0	2.0	89.7
	80.00	10	3.3	3.3	93.0
	90.00	4	1.3	1.3	94.3
	98.00	1	.3	.3	94.7
	99.00	2	.7	.7	95.3
	100.00	6	2.0	2.0	97.3
	105.00	2	.7	.7	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	260	86.1	86.7	86.7
	1.00	5	1.7	1.7	88.3
	10.00	1	.3	.3	88.7
	15.00	1	.3	.3	89.0
	19.00	1	.3	.3	89.3
	20.00	5	1.7	1.7	91.0
	22.00	2	.7	.7	91.7
	23.00	3	1.0	1.0	92.7
	25.00	3	1.0	1.0	93.7
	26.00	1	.3	.3	94.0
	27.00	2	.7	.7	94.7
	29.00	4	1.3	1.3	96.0
	30.00	5	1.7	1.7	97.7
	35.00	1	.3	.3	98.0
	36.00	3	1.0	1.0	99.0
	40.00	1	.3	.3	99.3
	50.00	1	.3	.3	99.7
	80.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b11g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	161	53.3	53.7	53.7
	1.00	11	3.6	3.7	57.3
	3.00	3	1.0	1.0	58.3
	8.00	2	.7	.7	59.0
	10.00	3	1.0	1.0	60.0
	11.00	1	.3	.3	60.3
	12.00	1	.3	.3	60.7
	15.00	4	1.3	1.3	62.0
	16.00	1	.3	.3	62.3
	19.00	1	.3	.3	62.7
	20.00	21	7.0	7.0	69.7
	22.00	4	1.3	1.3	71.0
	23.00	4	1.3	1.3	72.3
	24.00	4	1.3	1.3	73.7
	25.00	8	2.6	2.7	76.3
	26.00	2	.7	.7	77.0
	27.00	2	.7	.7	77.7
	28.00	1	.3	.3	78.0
	29.00	4	1.3	1.3	79.3
	30.00	23	7.6	7.7	87.0
	33.00	1	.3	.3	87.3
	35.00	4	1.3	1.3	88.7
	36.00	3	1.0	1.0	89.7
	40.00	11	3.6	3.7	93.3
	50.00	2	.7	.7	94.0
	60.00	3	1.0	1.0	95.0
	70.00	6	2.0	2.0	97.0
	80.00	1	.3	.3	97.3
	90.00	4	1.3	1.3	98.7
	125.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	

Missing	System	2	.7		
Total		302	100.0		

b11g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	141	46.7	47.0	47.0
	1.00	10	3.3	3.3	50.3
	3.00	6	2.0	2.0	52.3
	6.00	1	.3	.3	52.7
	8.00	1	.3	.3	53.0
	10.00	4	1.3	1.3	54.3
	11.00	1	.3	.3	54.7
	12.00	1	.3	.3	55.0
	15.00	4	1.3	1.3	56.3
	16.00	1	.3	.3	56.7
	18.00	1	.3	.3	57.0
	19.00	1	.3	.3	57.3
	20.00	23	7.6	7.7	65.0
	22.00	4	1.3	1.3	66.3
	23.00	4	1.3	1.3	67.7
	24.00	4	1.3	1.3	69.0
	25.00	9	3.0	3.0	72.0
	26.00	3	1.0	1.0	73.0
	27.00	1	.3	.3	73.3
	28.00	3	1.0	1.0	74.3
	29.00	4	1.3	1.3	75.7
	30.00	26	8.6	8.7	84.3
	33.00	1	.3	.3	84.7
	35.00	4	1.3	1.3	86.0
	36.00	3	1.0	1.0	87.0
	40.00	10	3.3	3.3	90.3
	50.00	3	1.0	1.0	91.3
	60.00	3	1.0	1.0	92.3
	70.00	6	2.0	2.0	94.3
	80.00	1	.3	.3	94.7
	90.00	4	1.3	1.3	96.0
	100.00	6	2.0	2.0	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12adm

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	14	4.6	4.7	4.7
	1.00	25	8.3	8.3	13.0
	2.00	72	23.8	24.0	37.0
	3.00	42	13.9	14.0	51.0
	4.00	40	13.2	13.3	64.3
	5.00	22	7.3	7.3	71.7
	6.00	19	6.3	6.3	78.0
	7.00	3	1.0	1.0	79.0
	8.00	12	4.0	4.0	83.0
	9.00	1	.3	.3	83.3
	10.00	14	4.6	4.7	88.0
	11.00	4	1.3	1.3	89.3

	13.00	4	1.3	1.3	90.7
	15.00	5	1.7	1.7	92.3
	19.00	1	.3	.3	92.7
	20.00	9	3.0	3.0	95.7
	22.00	2	.7	.7	96.3
	25.00	3	1.0	1.0	97.3
	30.00	2	.7	.7	98.0
	40.00	3	1.0	1.0	99.0
	44.00	2	.7	.7	99.7
	70.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12gen

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	86	28.5	28.7	28.7
	1.00	4	1.3	1.3	30.0
	2.00	4	1.3	1.3	31.3
	3.00	7	2.3	2.3	33.7
	4.00	2	.7	.7	34.3
	6.00	1	.3	.3	34.7
	8.00	2	.7	.7	35.3
	10.00	4	1.3	1.3	36.7
	12.00	1	.3	.3	37.0
	15.00	4	1.3	1.3	38.3
	16.00	2	.7	.7	39.0
	18.00	1	.3	.3	39.3
	19.00	1	.3	.3	39.7
	20.00	25	8.3	8.3	48.0
	22.00	5	1.7	1.7	49.7
	23.00	3	1.0	1.0	50.7
	24.00	4	1.3	1.3	52.0
	25.00	9	3.0	3.0	55.0
	26.00	2	.7	.7	55.7
	27.00	2	.7	.7	56.3
	28.00	3	1.0	1.0	57.3
	29.00	3	1.0	1.0	58.3
	30.00	35	11.6	11.7	70.0
	33.00	1	.3	.3	70.3
	35.00	2	.7	.7	71.0
	36.00	5	1.7	1.7	72.7
	40.00	27	8.9	9.0	81.7
	42.00	1	.3	.3	82.0
	45.00	1	.3	.3	82.3
	50.00	4	1.3	1.3	83.7
	60.00	14	4.6	4.7	88.3
	70.00	4	1.3	1.3	89.7
	80.00	10	3.3	3.3	93.0
	90.00	4	1.3	1.3	94.3
	98.00	1	.3	.3	94.7
	99.00	2	.7	.7	95.3
	100.00	6	2.0	2.0	97.3
	105.00	2	.7	.7	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		

Total		302	100.0		

b12g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	262	86.8	87.3	87.3
	1.00	4	1.3	1.3	88.7
	2.00	1	.3	.3	89.0
	15.00	1	.3	.3	89.3
	19.00	1	.3	.3	89.7
	20.00	4	1.3	1.3	91.0
	22.00	2	.7	.7	91.7
	23.00	3	1.0	1.0	92.7
	25.00	1	.3	.3	93.0
	26.00	1	.3	.3	93.3
	27.00	2	.7	.7	94.0
	29.00	3	1.0	1.0	95.0
	30.00	7	2.3	2.3	97.3
	35.00	1	.3	.3	97.7
	36.00	3	1.0	1.0	98.7
	40.00	3	1.0	1.0	99.7
	80.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	174	57.6	58.0	58.0
	1.00	9	3.0	3.0	61.0
	3.00	3	1.0	1.0	62.0
	6.00	1	.3	.3	62.3
	8.00	1	.3	.3	62.7
	10.00	2	.7	.7	63.3
	11.00	1	.3	.3	63.7
	12.00	1	.3	.3	64.0
	15.00	4	1.3	1.3	65.3
	16.00	1	.3	.3	65.7
	19.00	1	.3	.3	66.0
	20.00	18	6.0	6.0	72.0
	22.00	4	1.3	1.3	73.3
	23.00	4	1.3	1.3	74.7
	24.00	3	1.0	1.0	75.7
	25.00	5	1.7	1.7	77.3
	26.00	1	.3	.3	77.7
	27.00	2	.7	.7	78.3
	28.00	1	.3	.3	78.7
	29.00	3	1.0	1.0	79.7
	30.00	21	7.0	7.0	86.7
	33.00	1	.3	.3	87.0
	35.00	3	1.0	1.0	88.0
	36.00	3	1.0	1.0	89.0
	40.00	11	3.6	3.7	92.7
	50.00	3	1.0	1.0	93.7
	60.00	3	1.0	1.0	94.7
	70.00	6	2.0	2.0	96.7
	80.00	1	.3	.3	97.0
	90.00	4	1.3	1.3	98.3

	98.00	1	.3	.3	98.7
	125.00	4	1.3	1.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b12g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	156	51.7	52.0	52.0
	1.00	8	2.6	2.7	54.7
	2.00	1	.3	.3	55.0
	3.00	6	2.0	2.0	57.0
	6.00	1	.3	.3	57.3
	10.00	3	1.0	1.0	58.3
	11.00	1	.3	.3	58.7
	12.00	1	.3	.3	59.0
	15.00	4	1.3	1.3	60.3
	16.00	1	.3	.3	60.7
	18.00	1	.3	.3	61.0
	19.00	1	.3	.3	61.3
	20.00	19	6.3	6.3	67.7
	22.00	4	1.3	1.3	69.0
	23.00	4	1.3	1.3	70.3
	24.00	3	1.0	1.0	71.3
	25.00	6	2.0	2.0	73.3
	26.00	2	.7	.7	74.0
	27.00	1	.3	.3	74.3
	28.00	3	1.0	1.0	75.3
	29.00	3	1.0	1.0	76.3
	30.00	25	8.3	8.3	84.7
	33.00	1	.3	.3	85.0
	35.00	3	1.0	1.0	86.0
	36.00	3	1.0	1.0	87.0
	40.00	9	3.0	3.0	90.0
	50.00	3	1.0	1.0	91.0
	60.00	3	1.0	1.0	92.0
	70.00	6	2.0	2.0	94.0
	80.00	1	.3	.3	94.3
	90.00	4	1.3	1.3	95.7
	98.00	1	.3	.3	96.0
	100.00	6	2.0	2.0	98.0
	125.00	4	1.3	1.3	99.3
	150.00	2	.7	.7	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b13

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	5	1.7	1.7	1.7
	1.00	19	6.3	6.3	8.0
	2.00	73	24.2	24.3	32.3
	3.00	152	50.3	50.7	83.0
	4.00	51	16.9	17.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b14g7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	255	84.4	85.6	85.6
	1.00	15	5.0	5.0	90.6
	2.00	22	7.3	7.4	98.0
	3.00	5	1.7	1.7	99.7
	4.00	1	.3	.3	100.0
	Total	298	98.7	100.0	
Missing	System	4	1.3		
Total		302	100.0		

b14g8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	124	41.1	41.3	41.3
	1.00	58	19.2	19.3	60.7
	2.00	81	26.8	27.0	87.7
	3.00	32	10.6	10.7	98.3
	4.00	3	1.0	1.0	99.3
	5.00	1	.3	.3	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

b14g9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	87	28.8	29.0	29.0
	1.00	71	23.5	23.7	52.7
	2.00	92	30.5	30.7	83.3
	3.00	47	15.6	15.7	99.0
	4.00	3	1.0	1.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

Addendum 5.3: Pattern Matrix of Factor Analysis of Parts C, D, E, and F of Questionnaire

```
FACTOR
  /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /MISSING PAIRWISE
  /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:31:55
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.

Syntax		FACTOR /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23 /MISSING PAIRWISE /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.08
	Maximum Memory Required	63504 (62.016K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 1.056E-007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.912
Bartlett's Test of Sphericity	Approx. Chi-Square	4634.351
	df	253

Sig.	0.000

Communalities

	Initial	Extraction
c1	.440	.385
c2	.729	.683
c3	.640	.572
c4	.582	.633
c5	.547	.468
c6	.580	.492
c7	.737	.553
c8	.711	.581
c9	.776	.758
c10	.860	.902
c11	.810	.804
c12	.672	.647
c13	.386	.292
c14	.518	.462
c15	.496	.483
c16	.586	.622
c17	.469	.518
c18	.481	.511
c19	.561	.545
c20	.667	.649
c21	.633	.678
c22	.725	.783
c23	.524	.489

Extraction Method: Principal Axis Factoring.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total

1	9.476	41.199	41.199	9.090	39.520	39.520	7.183
2	2.688	11.688	52.887	2.303	10.013	49.533	4.983
3	1.640	7.132	60.019	1.286	5.593	55.127	4.938
4	1.239	5.387	65.407	.828	3.600	58.726	5.786
5	.985	4.284	69.691				
6	.895	3.893	73.584				
7	.795	3.457	77.040				
8	.620	2.696	79.736				
9	.568	2.469	82.205				
10	.516	2.242	84.447				
11	.450	1.957	86.404				
12	.419	1.820	88.224				
13	.401	1.741	89.965				
14	.362	1.574	91.539				
15	.331	1.438	92.977				
16	.293	1.276	94.253				
17	.275	1.195	95.448				
18	.249	1.083	96.531				
19	.211	.918	97.449				
20	.178	.774	98.223				
21	.169	.733	98.956				
22	.142	.618	99.574				
23	.098	.426	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor			
	1	2	3	4
c10	.788	-.314	-.416	
c11	.776	-.248	-.351	
c9	.741	-.266	-.356	
c12	.718	-.228	-.281	
c8	.688	-.294		
c20	.677	.426		

c7	.671	-.309		
c16	.670			.370
c22	.644	.561		-.227
c19	.627	.386		
c15	.623	.264		
c6	.622	-.299		
c23	.614	.311		
c2	.605	-.448	.319	
c17	.602			.376
c3	.596	-.338	.319	
c18	.589			.371
c21	.568	.477		-.356
c14	.555	.382		
c1	.513		.286	
c5	.495		.404	-.222
c13	.452	.277		
c4	.488	-.235	.524	-.256

Extraction Method: Principal
a. 4 factors extracted. 7

Pattern Matrix[a]

	Factor			
	1	2	3	4
c10	1.004			
c11	.906			
c9	.898			
c12	.763			
c8	.652			
c7	.569			
c22		.826		
c21		.819		
c20		.628		.208
c23		.533		
c19		.520		.288
c14		.435		.364

c13		.309		.301
c4			.833	
c5		.217	.653	
c2	.203	-.273	.617	.250
c3			.610	
c1			.485	.211
c6	.359		.404	
c16				.691
c18				.657
c17				.653
c15		.308		.440

Extraction Method: Principal Axis Factoring.

a. Rotation converged in 12 iterations.

Structure Matrix

	Factor			
	1	2	3	4
c10	.946	.322	.412	.462
c11	.891	.370	.423	.450
c9	.867	.328	.400	.431
c12	.801	.311	.401	.478
c8	.749	.243	.488	.454
c7	.711	.207	.516	.470
c22	.350	.877	.287	.478
c21	.356	.811	.233	.320
c20	.429	.762	.318	.557
c19	.388	.674	.298	.563
c23	.416	.651	.328	.465
c14	.336	.598	.213	.558
c4	.330	.231	.780	.201
c2	.555		.754	.463
c3	.516		.725	.408
c5	.332	.312	.657	.247
c6	.597		.610	.415

c1	.401		.584	.404
c16	.463	.434	.372	.778
c17	.445	.351	.309	.715
c18	.415	.375	.287	.711
c15	.417	.537	.316	.629
c13	.305	.456		.456

Extraction Method: Principal Axis Factoring.

Factor Correlation Matrix

Factor	1	2	3	4
1	1.000	.331	.503	.529
2	.331	1.000	.214	.451
3	.503	.214	1.000	.370
4	.529	.451	.370	1.000

Extraction Method: Principal Axis Factoring.

```
FACTOR
  /VARIABLES d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12
  /MISSING PAIRWISE
  /ANALYSIS d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created	12-MAR-2013 09:34:31

Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 /MISSING PAIRWISE /ANALYSIS d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.02
	Maximum Memory Required	18976 (18.531K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 8.205E-005

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of [illegible]		.906
Bartlett's Test of Sphericity	Approx. Chi-Square	2758.171
	df	66
	Sig.	0.000

Communalities

	Initial	Extraction
d1	.204	.229
d2	.331	.469
d3	.629	.613
d4	.707	.668
d5	.812	.778
d6	.759	.716
d7	.735	.732
d8	.605	.583
d9	.409	.297
d10	.754	.751
d11	.788	.734
d12	.798	.754

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	6.666	55.549	55.549	6.352	52.933	52.933	6.282
2	1.518	12.649	68.198	.970	8.086	61.019	1.963
3	.848	7.065	75.262				
4	.765	6.378	81.640				
5	.567	4.723	86.364				
6	.399	3.328	89.692				
7	.313	2.612	92.304				
8	.251	2.091	94.395				
9	.237	1.975	96.371				
10	.174	1.448	97.819				
11	.140	1.169	98.988				
12	.121	1.012	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor	
	1	2
d5	.880	
d7	.850	
d6	.846	
d10	.834	-.235
d12	.828	-.262
d4	.807	
d11	.806	-.291
d3	.752	.217
d8	.738	
d9	.482	.253
d2	.275	.627

d1	.200	.434

Extraction Method: Principal Axis Factoring.

a. 2 factors extracted. 12 iterations required.

Pattern Matrix[a]

	Factor	
	1	2
d12	.909	
d10	.903	
d11	.901	-.208
d5	.865	
d7	.856	
d6	.814	
d4	.713	.231
d3	.619	.319
d8	.614	.298
d9	.345	.324
d2		.692
d1		.480

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 5 iterations.

Structure Matrix

	Factor	
	1	2
d5	.881	.328
d10	.856	
d7	.856	.275
d12	.852	
d6	.842	.349

d11	.834	
d4	.787	.461
d3	.722	.519
d8	.710	.496
d9	.450	.436
d2	.201	.684
d1		.478

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2
1	1.000	.323
2	.323	1.000

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12
  /MISSING PAIRWISE
  /ANALYSIS d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:36:28
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 /MISSING PAIRWISE /ANALYSIS d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA FACTORS(1) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

	Maximum Memory Required	18976 (18.531K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 8.205E-005

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.906
Bartlett's Test of Sphericity	Approx. Chi-Square	2758.171
	df	66
	Sig.	0.000

Communalities

	Initial	Extraction
d1	.204	.038
d2	.331	.067
d3	.629	.559
d4	.707	.653
d5	.812	.782
d6	.759	.723
d7	.735	.725
d8	.605	.540
d9	.409	.228
d10	.754	.687
d11	.788	.633
d12	.798	.672

Extraction Method: Principal
Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	6.666	55.549	55.549	6.309	52.571	52.571
2	1.518	12.649	68.198			
3	.848	7.065	75.262			
4	.765	6.378	81.640			
5	.567	4.723	86.364			
6	.399	3.328	89.692			
7	.313	2.612	92.304			
8	.251	2.091	94.395			
9	.237	1.975	96.371			
10	.174	1.448	97.819			
11	.140	1.169	98.988			
12	.121	1.012	100.000			

Extraction Method: Principal

Factor Matrix[a]

	Factor
	1
d5	.885
d7	.852
d6	.850
d10	.829
d12	.820
d4	.808
d11	.796
d3	.748
d8	.735
d9	.478
d2	.258
d1	

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 4 iterations required.

Rotated Factor Matrix[a]

a. Only one factor was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES e1 e2 e3 e4 e5 e6 e7 e8 e9 e10
  /MISSING PAIRWISE
  /ANALYSIS e1 e2 e3 e4 e5 e6 e7 e8 e9 e10
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
```

```
/METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:38:15
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.

Syntax		FACTOR /VARIABLES e1 e2 e3 e4 e5 e6 e7 e8 e9 e10 /MISSING PAIRWISE /ANALYSIS e1 e2 e3 e4 e5 e6 e7 e8 e9 e10 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03
	Maximum Memory Required	13688 (13.367K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = .007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.893
Bartlett's Test of Sphericity	Approx. Chi-Square	1458.522
	df	45
	Sig.	.000

Communalities

	Initial	Extraction
e1	.364	.389
e2	.497	.666
e3	.470	.481
e4	.449	.518
e5	.644	.665
e6	.643	.676
e7	.512	.559
e8	.218	.226
e9	.682	.769
e10	.509	.508

Extraction Method: Principal Axis Factoring.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	5.003	50.033	50.033	4.590	45.895	45.895	4.287
2	1.312	13.122	63.156	.867	8.674	54.569	3.351
3	.775	7.750	70.906				
4	.694	6.939	77.845				
5	.536	5.358	83.203				
6	.413	4.129	87.332				
7	.412	4.119	91.451				
8	.368	3.681	95.132				
9	.259	2.594	97.726				
10	.227	2.274	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor	
	1	2
e9	.816	-.322
e5	.802	
e6	.786	-.241
e7	.722	
e10	.686	
e2	.650	.494
e3	.646	.252
e4	.625	.357
e1	.479	.399
e8	.460	

Extraction Method: Principal Axis Factoring.

a. 2 factors extracted. 10 iterations required.

Pattern Matrix[a]

	Factor	
	1	2
e9	.934	
e6	.828	
e5	.742	
e7	.732	
e10	.704	
e8	.461	
e2		.839
e4		.662
e1		.661
e3	.213	.541

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 4 iterations.

Structure Matrix

	Factor	
	1	2
e9	.874	.480
e6	.822	.503
e5	.811	.570
e7	.747	.477
e10	.713	.450
e8	.475	.307
e2	.482	.816
e4	.498	.716
e3	.548	.673
e1	.346	.622

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2
1	1.000	.619
2	.619	1.000

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19
  /MISSING PAIRWISE
  /ANALYSIS f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PAF
```

```
/CRITERIA ITERATE(50) DELTA(0)
/ROTATION OBLIMIN
/METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:40:54
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.

Syntax		FACTOR /VARIABLES f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 /MISSING PAIRWISE /ANALYSIS f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.04
	Maximum Memory Required	44288 (43.250K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 4.488E-007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of [illegible]		.927
Bartlett's Test of Sphericity	Approx. Chi-Square	4265.637
	df	171
	Sig.	0.000

Communalities

	Initial	Extraction
f1	.218	.166
f2	.636	.635
f3	.669	.658
f4	.688	.765
f5	.672	.671
f6	.467	.325
f7	.635	.622
f8	.690	.638
f9	.655	.568
f10	.714	.902
f11	.678	.580
f12	.699	.639
f13	.662	.618
f14	.586	.569
f15	.565	.508
f16	.606	.587
f17	.781	.726
f18	.824	.727
f19	.736	.645

Extraction Method: Principal Axis Factoring.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	9.920	52.211	52.211	9.558	50.305	50.305	8.347
2	1.636	8.613	60.824	1.261	6.638	56.943	7.117
3	1.056	5.557	66.381	.731	3.847	60.789	5.030
4	.979	5.153	71.534				
5	.790	4.156	75.690				

6	.633	3.334	79.023				
7	.574	3.019	82.043				
8	.553	2.912	84.955				
9	.414	2.177	87.132				
10	.403	2.119	89.251				
11	.323	1.702	90.954				
12	.308	1.624	92.577				
13	.276	1.455	94.032				
14	.257	1.350	95.383				
15	.224	1.178	96.561				
16	.214	1.128	97.689				
17	.165	.869	98.558				
18	.164	.863	99.421				
19	.110	.579	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor		
	1	2	3
f18	.810	-.264	
f17	.791	-.308	
f19	.766	-.236	
f8	.766		-.212
f7	.764		
f12	.764	-.231	
f13	.757	-.208	
f9	.740		
f16	.724		
f5	.724	.383	
f10	.722		-.617
f2	.715	.327	
f11	.711		-.244
f4	.708	.498	
f3	.707	.394	

f14	.664	-.238	.267
f15	.627	-.252	.227
f6	.550		
f1	.299	.240	

Extraction Method: Principal Axis Factoring.

a. Attempted to extract 3 factors. More than 25 iterations required. (Convergence=.002). Extraction was terminated.

Pattern Matrix[a]

	Factor		
	1	2	3
f17	.831		
f14	.803		
f15	.773		
f18	.753		
f19	.723		
f16	.716		
f13	.684		
f12	.655		-.226
f4		.918	
f3		.769	
f5		.755	
f2		.712	
f7	.201	.529	
f1		.447	
f6	.236	.380	
f10			-.892
f11	.377		-.451
f8	.201	.335	-.427
f9	.280	.298	-.330

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 7 iterations.

Structure Matrix

	Factor		
	1	2	3
f17	.848	.520	-.514
f18	.840	.548	-.572
f19	.797	.532	-.509
f13	.779	.538	-.504
f12	.776	.517	-.577
f16	.763	.540	-.399
f14	.742	.480	-.286
f15	.705	.436	-.290
f9	.647	.621	-.610
f4	.512	.873	-.375
f5	.547	.810	-.461
f3	.532	.806	-.434
f2	.576	.791	-.388
f7	.640	.741	-.530
f6	.488	.538	-.311
f1	.222	.398	
f10	.560	.499	-.945
f8	.643	.650	-.681
f11	.655	.495	-.678

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2	3

1	1.000	.637	-.535
2	.637	1.000	-.438
3	-.535	-.438	1.000

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19
  /MISSING PAIRWISE
  /ANALYSIS f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(2) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:41:39
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302

Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 /MISSING PAIRWISE /ANALYSIS f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA FACTORS(2) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03
	Maximum Memory Required	44288 (43.250K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 4.488E-007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.927
Bartlett's Test of Sphericity	Approx. Chi-Square	4265.637
	df	171
	Sig.	0.000

Communalities

	Initial	Extraction
f1	.218	.146
f2	.636	.615
f3	.669	.658
f4	.688	.744
f5	.672	.675
f6	.467	.318
f7	.635	.625
f8	.690	.587
f9	.655	.549
f10	.714	.479
f11	.678	.513
f12	.699	.639
f13	.662	.619
f14	.586	.485
f15	.565	.448
f16	.606	.557
f17	.781	.726
f18	.824	.735
f19	.736	.648

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	9.920	52.211	52.211	9.519	50.098	50.098	8.805
2	1.636	8.613	60.824	1.247	6.563	56.661	7.288
3	1.056	5.557	66.381				
4	.979	5.153	71.534				
5	.790	4.156	75.690				
6	.633	3.334	79.023				
7	.574	3.019	82.043				
8	.553	2.912	84.955				
9	.414	2.177	87.132				
10	.403	2.119	89.251				
11	.323	1.702	90.954				
12	.308	1.624	92.577				
13	.276	1.455	94.032				
14	.257	1.350	95.383				
15	.224	1.178	96.561				
16	.214	1.128	97.689				
17	.165	.869	98.558				
18	.164	.863	99.421				
19	.110	.579	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor	
	1	2
f18	.813	-.272
f17	.793	-.312
f19	.768	-.241
f7	.766	

f12	.765	-.231
f8	.763	
f13	.758	-.209
f9	.740	
f5	.726	.385
f16	.724	
f2	.716	.321
f3	.709	.394
f4	.708	.493
f11	.707	
f10	.692	
f14	.660	-.223
f15	.625	-.240
f6	.551	
f1	.300	.236

Extraction Method: Principal Axis Factoring.

a. 2 factors extracted. 6 iterations required.

Pattern Matrix[a]

	Factor	
	1	2
f17	.908	
f18	.876	
f19	.809	
f12	.796	
f13	.766	
f14	.713	
f16	.713	
f15	.709	
f11	.625	
f10	.492	.259
f9	.471	.340
f8	.444	.396
f4		.909

f3		.783
f5		.777
f2		.692
f7	.309	.551
f1		.420
f6	.247	.369

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 6 iterations.

Structure Matrix

	Factor	
	1	2
f18	.857	.553
f17	.849	.515
f19	.805	.531
f12	.800	.534
f13	.786	.539
f16	.746	.523
f11	.710	.543
f8	.707	.691
f9	.696	.652
f14	.696	.448
f15	.668	.409
f10	.664	.586
f4	.532	.861
f5	.581	.820
f3	.562	.810
f2	.590	.778
f7	.675	.756
f6	.492	.533
f1	.217	.379

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2
1	1.000	.664
2	.664	1.000

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19
  /MISSING PAIRWISE
  /ANALYSIS f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:42:04
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11

	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.
Syntax		FACTOR /VARIABLES f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 /MISSING PAIRWISE /ANALYSIS f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA FACTORS(1) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
	Maximum Memory Required	44288 (43.250K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 4.488E-007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.927
Bartlett's Test of Sphericity	Approx. Chi-Square	4265.637
	df	171
	Sig.	0.000

Communalities

	Initial	Extraction
f1	.218	.089
f2	.636	.503
f3	.669	.487
f4	.688	.476
f5	.672	.512
f6	.467	.305
f7	.635	.586
f8	.690	.586
f9	.655	.552
f10	.714	.483
f11	.678	.503
f12	.699	.584
f13	.662	.574
f14	.586	.434
f15	.565	.389
f16	.606	.524
f17	.781	.620
f18	.824	.655
f19	.736	.587

Extraction Method: Principal Axis Factoring.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	9.920	52.211	52.211	9.448	49.729	49.729
2	1.636	8.613	60.824			
3	1.056	5.557	66.381			
4	.979	5.153	71.534			
5	.790	4.156	75.690			
6	.633	3.334	79.023			
7	.574	3.019	82.043			
8	.553	2.912	84.955			
9	.414	2.177	87.132			
10	.403	2.119	89.251			
11	.323	1.702	90.954			
12	.308	1.624	92.577			
13	.276	1.455	94.032			
14	.257	1.350	95.383			
15	.224	1.178	96.561			
16	.214	1.128	97.689			
17	.165	.869	98.558			
18	.164	.863	99.421			
19	.110	.579	100.000			

Extraction Method: Principal

Factor Matrix[a]

	Factor
	1
f18	.809
f17	.787
f19	.766
f8	.766
f7	.765
f12	.764
f13	.758

f9	.743
f16	.724
f5	.715
f11	.709
f2	.709
f3	.698
f10	.695
f4	.690
f14	.659
f15	.624
f6	.552
f1	.299

Extraction Method: Principal Axis Factoring.

a. 1 factors extracted. 4 iterations required.

Rotated Factor Matrix[a]

a. Only one factor was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /MISSING PAIRWISE
  /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.

FACTOR
  /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /MISSING PAIRWISE
  /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(2) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
```

```
/METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:43:17
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.

Syntax		FACTOR /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23 /MISSING PAIRWISE /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA FACTORS(2) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03
	Maximum Memory Required	63504 (62.016K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 1.056E-007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.912
Bartlett's Test of Sphericity	Approx. Chi-Square	4634.351
	df	253

Sig.	0.000

Communalities

	Initial	Extraction
c1	.440	.295
c2	.729	.543
c3	.640	.455
c4	.582	.261
c5	.547	.244
c6	.580	.486
c7	.737	.561
c8	.711	.572
c9	.776	.603
c10	.860	.688
c11	.810	.646
c12	.672	.564
c13	.386	.284
c14	.518	.460
c15	.496	.457
c16	.586	.463
c17	.469	.365
c18	.481	.361
c19	.561	.552
c20	.667	.647
c21	.633	.518
c22	.725	.715
c23	.524	.476

Extraction Method: Principal Axis Factoring.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total

1	9.476	41.199	41.199	8.993	39.098	39.098	7.824
2	2.688	11.688	52.887	2.225	9.675	48.773	7.063
3	1.640	7.132	60.019				
4	1.239	5.387	65.407				
5	.985	4.284	69.691				
6	.895	3.893	73.584				
7	.795	3.457	77.040				
8	.620	2.696	79.736				
9	.568	2.469	82.205				
10	.516	2.242	84.447				
11	.450	1.957	86.404				
12	.419	1.820	88.224				
13	.401	1.741	89.965				
14	.362	1.574	91.539				
15	.331	1.438	92.977				
16	.293	1.276	94.253				
17	.275	1.195	95.448				
18	.249	1.083	96.531				
19	.211	.918	97.449				
20	.178	.774	98.223				
21	.169	.733	98.956				
22	.142	.618	99.574				
23	.098	.426	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor	
	1	2
c10	.774	-.299
c11	.767	-.242
c9	.732	-.260
c12	.714	-.231
c8	.691	-.309
c20	.681	.428

c7	.675	-.326
c16	.663	
c22	.643	.549
c19	.632	.390
c15	.625	.258
c6	.625	-.310
c23	.617	.309
c2	.598	-.431
c17	.596	
c3	.591	-.326
c18	.582	
c21	.562	.450
c14	.559	.384
c1	.510	
c5	.485	
c4	.470	-.201
c13	.455	.278

Extraction Method: Principal Axis Factoring.

a. 2 factors extracted. 5 iterations required.

Pattern Matrix[a]

	Factor	
	1	2
c2	.817	
c10	.796	
c7	.759	
c8	.752	
c11	.734	
c9	.730	
c6	.711	
c3	.706	
c12	.690	
c1	.514	
c4	.503	

c5	.408	
c22		.916
c20		.803
c21		.768
c19		.738
c14		.695
c23		.642
c15		.591
c13		.527
c16	.266	.497
c18	.221	.450
c17	.276	.408

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 6 iterations.

Structure Matrix

	Factor	
	1	2
c10	.828	.494
c11	.798	.519
c9	.774	.480
c8	.756	.419
c7	.749	.397
c12	.746	.480
c2	.723	.276
c6	.697	.363
c3	.673	.326
c1	.541	.331
c4	.511	.290
c5	.481	.357
c22	.357	.837
c20	.442	.804

c19	.413	.743
c21	.324	.715
c23	.433	.686
c14	.349	.678
c15	.461	.666
c16	.538	.643
c18	.468	.572
c17	.499	.559
c13	.298	.533

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2
1	1.000	.547
2	.547	1.000

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
  /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /MISSING PAIRWISE
  /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23
  /PRINT INITIAL DET KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(.20)
  /CRITERIA FACTORS(3) ITERATE(25)
  /EXTRACTION PAF
  /CRITERIA ITERATE(50) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		12-MAR-2013 09:43:37
Comments		
Input	Data	Q:\C\Cassim_Verona_Sept12\CassimV.sav
	Active Dataset	DataSet11
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	PAIRWISE: Correlation coefficients for each pair of variables are based on all the cases with valid data for that pair. The factor analysis is based on these correlations.

Syntax		FACTOR /VARIABLES c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23 /MISSING PAIRWISE /ANALYSIS c1 c2 c3 c4 c5 c6 c7 c8 c9 c10 c11 c12 c13 c14 c15 c16 c17 c18 c19 c20 c21 c22 c23 /PRINT INITIAL DET KMO EXTRACTION ROTATION /FORMAT SORT BLANK(.20) /CRITERIA FACTORS(3) ITERATE(25) /EXTRACTION PAF /CRITERIA ITERATE(50) DELTA(0) /ROTATION OBLIMIN /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03
	Maximum Memory Required	63504 (62.016K) bytes

[DataSet11] Q:\C\Cassim_Verona_Sept12\CassimV.sav

Correlation Matrix[a]

a. Determinant = 1.056E-007

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of		.912
Bartlett's Test of Sphericity	Approx. Chi-Square	4634.351
	df	253

Sig.	0.000

Communalities

	Initial	Extraction
c1	.440	.392
c2	.729	.684
c3	.640	.585
c4	.582	.506
c5	.547	.392
c6	.580	.495
c7	.737	.552
c8	.711	.583
c9	.776	.745
c10	.860	.893
c11	.810	.787
c12	.672	.648
c13	.386	.287
c14	.518	.460
c15	.496	.460
c16	.586	.469
c17	.469	.365
c18	.481	.361
c19	.561	.553
c20	.667	.647
c21	.633	.517
c22	.725	.716
c23	.524	.475

Extraction Method: Principal Axis Factoring.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total

1	9.476	41.199	41.199	9.054	39.364	39.364	7.018
2	2.688	11.688	52.887	2.270	9.869	49.232	7.033
3	1.640	7.132	60.019	1.249	5.431	54.663	5.513
4	1.239	5.387	65.407				
5	.985	4.284	69.691				
6	.895	3.893	73.584				
7	.795	3.457	77.040				
8	.620	2.696	79.736				
9	.568	2.469	82.205				
10	.516	2.242	84.447				
11	.450	1.957	86.404				
12	.419	1.820	88.224				
13	.401	1.741	89.965				
14	.362	1.574	91.539				
15	.331	1.438	92.977				
16	.293	1.276	94.253				
17	.275	1.195	95.448				
18	.249	1.083	96.531				
19	.211	.918	97.449				
20	.178	.774	98.223				
21	.169	.733	98.956				
22	.142	.618	99.574				
23	.098	.426	100.000				

Extraction Method: Principal

a. When factors are correlated,

Factor Matrix[a]

	Factor		
	1	2	3
c10	.790	-.311	-.415
c11	.777	-.244	-.351
c9	.742	-.263	-.354
c12	.720	-.227	-.280
c8	.690	-.293	
c20	.678	.433	

c7	.673	-.307	
c16	.660		
c22	.639	.551	
c19	.629	.395	
c6	.624	-.298	
c15	.622	.266	
c23	.614	.313	
c2	.607	-.448	.340
c3	.599	-.337	.336
c17	.593		
c18	.580		
c21	.558	.451	
c14	.556	.389	
c1	.514		.302
c5	.491		.375
c4	.482	-.218	.476
c13	.452	.282	

Extraction Method: Principal Axis Factoring.

a. 3 factors extracted. 7 iterations required.

Pattern Matrix[a]

	Factor		
	1	2	3
c10	.972		
c11	.859		
c9	.859		
c12	.752		
c8	.646		
c7	.578		.251
c22		.911	
c20		.800	
c21		.756	
c19		.737	
c14		.691	

c23		.642	
c15		.597	
c13		.522	
c16		.511	
c18		.457	
c17		.417	
c4			.751
c2	.223		.747
c3			.689
c5			.589
c1			.559
c6	.343		.455

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 8 iterations.

Structure Matrix

	Factor		
	1	2	3
c10	.943	.484	.455
c11	.883	.511	.457
c9	.861	.471	.437
c12	.801	.473	.449
c8	.749	.415	.530
c7	.713	.395	.562
c22	.322	.838	.284
c20	.409	.804	.339
c19	.374	.743	.329
c21	.324	.713	.212
c23	.396	.686	.342
c14	.329	.678	.257
c15	.413	.668	.377
c16	.470	.645	.461

c18	.424	.572	.378
c17	.453	.559	.401
c13	.302	.532	
c2	.550	.272	.806
c3	.505	.325	.755
c4	.308	.295	.705
c6	.590	.363	.641
c1	.392	.334	.618
c5	.311	.366	.609

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2	3
1	1.000	.504	.539
2	.504	1.000	.413
3	.539	.413	1.000

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

Addendum 5.4: Cronbach Alpha Calculation for Reliability

```
DATASET ACTIVATE DataSet8.
GET
  FILE='Q:\L\Leendert_Verona_Sept12\LeendertV.sav'.
DATASET NAME DataSet10 WINDOW=FRONT.
RELIABILITY
  /VARIABLES=c1 c2 c3 c4 c5 c6
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:11:48
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=c1 c2 c3 c4 c5 c6 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0
	Excluded[a]	3	1.0

Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.847	.848	6

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.481	.319	.746	.427	2.339	.016	6

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
c1	16.1572	23.817	.582	.410	.831
c2	16.0435	20.605	.734	.695	.801
c3	15.9933	21.315	.690	.600	.810
c4	16.3144	21.988	.650	.561	.818
c5	16.4582	22.705	.548	.506	.838
c6	16.3746	22.054	.581	.389	.832

```
RELIABILITY
  /VARIABLES=c7 c8 c9 c10 c11 c12
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:12:36
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	

Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=c7 c8 c9 c10 c11 c12 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0
	Excluded[a]	3	1.0
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.928	.929	6

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.684	.512	.868	.356	1.697	.014	6

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
c7	16.3278	37.738	.699	.666	.926
c8	16.2375	36.705	.747	.699	.920
c9	16.2308	36.863	.813	.759	.911
c10	16.2809	35.330	.884	.852	.902
c11	16.3846	36.734	.848	.795	.907
c12	16.2642	37.115	.759	.643	.918

RELIABILITY

```
/VARIABLES=c13 c14 c19 c20 c21 c22 c23
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:13:00
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=c13 c14 c19 c20 c21 c22 c23 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0
	Excluded[a]	3	1.0
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.883	.882	7

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.516	.310	.751	.442	2.427	.015	7

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
c13	17.2375	24.282	.495	.356	.885
c14	17.5318	22.116	.615	.460	.872
c19	17.4916	21.365	.671	.515	.865
c20	17.3813	21.183	.754	.609	.855
c21	17.7692	20.789	.710	.601	.860
c22	17.5585	20.650	.806	.699	.848
c23	17.4582	21.115	.647	.479	.869

```
RELIABILITY
  /VARIABLES=c15 c16 c17 c18
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:13:18
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax		RELIABILITY /VARIABLES=c15 c16 c17 c18 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	298	98.7
	Excluded[a]	4	1.3
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.811	.815	4

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.524	.421	.602	.181	1.430	.005	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
c15	10.1007	9.397	.553	.312	.800
c16	9.7081	8.941	.704	.503	.729
c17	9.4128	8.304	.651	.432	.755
c18	9.6577	9.781	.628	.419	.767

```
RELIABILITY
  /VARIABLES=d1 d2
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:13:36
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=d1 d2 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0
	Excluded[a]	3	1.0
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.575	.581	2

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.410	.410	.410	0.000	1.000	0.000	2

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
d1	3.2207	.428	.410	.168	
d2	3.1672	.603	.410	.168	

```
RELIABILITY
  /VARIABLES=d3 d4 d5 d6 d7 d8 d9 d10 d11 d12
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:13:55
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0
	Excluded[a]	3	1.0
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.941	.939	10

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.607	.305	.863	.558	2.825	.021	10

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
d3	24.3445	41.274	.713	.587	.937
d4	24.4615	40.726	.780	.706	.933
d5	24.5518	40.141	.856	.808	.930
d6	24.4415	40.341	.818	.757	.932
d7	24.6288	39.791	.821	.727	.931
d8	24.1739	42.117	.714	.602	.936
d9	23.9632	45.277	.455	.374	.947
d10	24.6254	40.094	.811	.752	.932
d11	24.5284	40.277	.782	.785	.933
d12	24.5753	40.118	.803	.795	.932

```
RELIABILITY
  /VARIABLES=e1 e2 e3 e4
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created	13-JUN-2013 14:14:10
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=e1 e2 e3 e4 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0
	Excluded[a]	3	1.0
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.796	.798	4

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.496	.343	.580	.237	1.691	.008	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
e1	9.6990	8.701	.550	.352	.773
e2	9.6221	6.833	.686	.483	.706
e3	9.8930	9.022	.587	.393	.759
e4	9.8963	7.798	.630	.427	.734

```
RELIABILITY
  /VARIABLES=e5 e6 e7 e8 e9 e10
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:14:23
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=e5 e6 e7 e8 e9 e10 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	299	99.0

	Excluded[a]	3	1.0
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.878	.877	6

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.544	.339	.730	.391	2.153	.019	6

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
e5	13.0201	15.047	.739	.601	.847
e6	13.1706	14.639	.758	.639	.843
e7	12.9465	15.366	.699	.507	.854
e8	13.3211	17.212	.445	.204	.894
e9	13.0769	14.722	.811	.677	.835
e10	12.9933	15.121	.663	.499	.861

```
RELIABILITY
  /VARIABLES=f1 f2 f3 f4 f5 f6 f7
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:14:48
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	

Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=f1 f2 f3 f4 f5 f6 f7 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	300	99.3
	Excluded[a]	2	.7
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.867	.876	7

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.502	.172	.712	.541	4.150	.028	7

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
f1	19.5300	8.069	.360	.186	.891
f2	19.3133	7.574	.734	.590	.839
f3	19.3367	7.268	.723	.631	.838
f4	19.3833	7.013	.800	.671	.826
f5	19.3633	7.296	.748	.627	.835
f6	19.4633	7.621	.515	.365	.868
f7	19.3700	7.411	.710	.540	.840

```
RELIABILITY
  /VARIABLES=f8 f9 f10 f11
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:15:03
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.
Syntax		RELIABILITY /VARIABLES=f8 f9 f10 f11 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	300	99.3
	Excluded[a]	2	.7
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.868	.868	4

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.622	.507	.744	.237	1.467	.008	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
f8	9.7367	2.382	.735	.588	.825
f9	9.7800	2.473	.682	.532	.846
f10	9.7633	2.268	.771	.638	.810
f11	9.8000	2.381	.690	.564	.843

```
RELIABILITY
  /VARIABLES=f12 f13 f14 f15 f16 f17 f18 f19
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL CORR.
```

Reliability

Notes

Output Created		13-JUN-2013 14:15:17
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
	Matrix Input	
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the procedure.

Syntax		RELIABILITY /VARIABLES=f12 f13 f14 f15 f16 f17 f18 f19 /SCALE('ALL VARIABLES') ALL /MODEL=ALPHA /SUMMARY=TOTAL CORR.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	300	99.3
	Excluded[a]	2	.7
	Total	302	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.923	.926	8

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Inter-Item Correlations	.611	.488	.847	.360	1.738	.007	8

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
f12	22.3300	14.550	.754	.648	.911
f13	22.3233	14.614	.762	.649	.911
f14	22.3600	14.766	.702	.519	.916
f15	22.4500	14.603	.664	.485	.920
f16	22.4300	15.015	.724	.577	.914
f17	22.3500	15.024	.813	.762	.908
f18	22.3267	15.231	.799	.807	.909
f19	22.3267	15.331	.757	.708	.912

```
FREQUENCIES VARIABLES=g1 g2 g3 g4
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		13-JUN-2013 14:15:43
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=g1 g2 g3 g4 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Statistics

		g1	g2	g3	g4
N	Valid	299	299	299	299
	Missing	3	3	3	3

Frequency Table

g1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	111	36.8	37.1	37.1
	1.00	188	62.3	62.9	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

g2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	171	56.6	57.2	57.2
	1.00	128	42.4	42.8	100.0

	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

g3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	157	52.0	52.5	52.5
	1.00	142	47.0	47.5	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

g4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	245	81.1	81.9	81.9
	1.00	54	17.9	18.1	100.0
	Total	299	99.0	100.0	
Missing	System	3	1.0		
Total		302	100.0		

```
COMPUTE C_Pol_Iniciatives=mean(c1,c2,c3,c4,c5,c6).
EXECUTE.
COMPUTE C_Resp_DOE=mean(c7,c8,c9,c10,c11,c12).
EXECUTE.
COMPUTE C_Resp_Mangm=mean(c13,c14,c19,c20,c21,c22,c23).
EXECUTE.
COMPUTE C_Resp_TL=mean(c15,c16,c17,c18).
EXECUTE.
COMPUTE D_TK=mean(d1,d2).
EXECUTE.
COMPUTE D_TPACK=mean(d3,d4,d5,d6,d7,d8,d9,d10,d11,d12).
EXECUTE.
COMPUTE E_Cont_SPD=mean(e1,e2,e3,e4).
EXECUTE.
COMPUTE E_ICT_SPD=mean(e5,e6,e7,e8,e9,e10).
EXECUTE.
COMPUTE F_Building_SPI=mean(f1,f2,f3,f4,f5,f6,f7).
EXECUTE.
COMPUTE F_PD_Models=mean(f8,f9,f10,f11).
EXECUTE.
COMPUTE F_ODL_SPD=mean(f12,f13,f14,f15,f16,f17,f18,f19).
EXECUTE.
DATASET ACTIVATE DataSet10.

SAVE OUTFILE='Q:\L\Leendert_Verona_Sept12\LeendertV.sav'
  /COMPRESSED.
DESCRIPTIVES VARIABLES=C_Pol_Iniciatives C_Resp_DOE C_Resp_Mangm C_Resp_TL D_TK D_TPACK E_Cont_SPD E_ICT_SPD F_Building_SPI F_PD_Models F_ODL_SPD
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		13-JUN-2013 14:25:51
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=C_Pol_Iniciatives C_Resp_DOE C_Resp_Mangm C_Resp_TL D_TK D_TPACK E_Cont_SPD E_ICT_SPD F_Building_SPI F_PD_Models F_ODL_SPD /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
C_Pol_Iniciatives	299	1.00	5.00	3.2447	.92577
C_Resp_DOE	299	1.00	5.00	3.2575	1.20372
C_Resp_Mangm	299	1.00	5.00	2.9150	.76789
C_Resp_TL	299	1.00	5.00	3.2358	.97666
D_TK	299	1.00	5.00	3.1940	.60131
D_TPACK	299	1.00	5.00	2.7144	.70926
E_Cont_SPD	299	1.00	5.00	3.2592	.91737
E_ICT_SPD	299	1.00	5.00	2.6176	.77419
F_Building_SPI	300	1.43	5.00	3.2324	.45041
F_PD_Models	300	1.00	5.00	3.2567	.50287
F_ODL_SPD	300	1.00	5.00	3.1946	.54826
Valid N (listwise)	298				

```
MIXED C_Pol_Iniciatives BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
```

```
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:29:40
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Pol_Iniciatives BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	803.076
Akaike's Information Criterion (AIC)	805.076
Hurvich and Tsai's Criterion (AICC)	805.090
Bozdogan's Criterion (CAIC)	809.770
Schwarz's Bayesian Criterion (BIC)	808.770

The information criteria are displayed in smaller-is-better

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3660.979	.000
a1	1	297	5.004	.026

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.352642	.071810	297	46.688	.000	3.211322	3.493963
[a1=1.00]	-.239062	.106869	297	-2.237	.026	-.449379	-.028745
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.845689	.069398

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.114	.079	297	2.958	3.269	0.28
2.00	3.353	.072	297	3.211	3.494	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.239*	.107	297	.026	-.449	-.029
2.00	1.00	.239*	.107	297	.026	.029	.449

Based on estimated marginal

*. The mean difference is

a. Dependent Variable:

c. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	5.004	.026

The F tests the effect of a1. This test is based on the linearly independent pairwise

a. Dependent Variable:

```
MIXED C_Resp_DOE BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:31:50
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_DOE BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	957.592
Akaike's Information Criterion (AIC)	959.592
Hurvich and Tsai's Criterion (AICC)	959.606
Bozdogan's Criterion (CAIC)	964.286
Schwarz's Bayesian Criterion (BIC)	963.286

The information criteria are displayed in smaller-is-better

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	297	2185.834	.000
a1	1	297	6.465	.012

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.416667	.093144	297	36.681	.000	3.233361	3.599973
[a1=1.00]	-.352469	.138619	297	-2.543	.012	-.625270	-.079668
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.422837	.116759

a. Dependent Variable:
C_Resp_DOE.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.064	.103	297	2.862	3.266	0.25
2.00	3.417	.093	297	3.233	3.600	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.352*	.139	297	.012	-.625	-.080
2.00	1.00	.352*	.139	297	.012	.080	.625

Based on estimated marginal

*. The mean difference is

a. Dependent Variable:

c. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	6.465	.012

The F tests the effect of a1.
This test is based on the
linearly independent pairwise
comparisons among the
a. Dependent Variable:

```
MIXED C_Resp_Mangm BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:32:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	690.339
Akaike's Information Criterion (AIC)	692.339
Hurvich and Tsai's Criterion (AICC)	692.353
Bozdogan's Criterion (CAIC)	697.033
Schwarz's Bayesian Criterion (BIC)	696.033

The information criteria are displayed in smaller-is-better

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	4316.764	.000
a1	1	297	6.704	.010

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.018293	.059396	297	50.816	.000	2.901402	3.135183
[a1=1.00]	-.228875	.088395	297	-2.589	.010	-.402834	-.054916
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.578573	.047478

a. Dependent Variable:
C_Resp_Mangm.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	2.789	.065	297	2.661	2.918	0.40
2.00	3.018	.059	297	2.901	3.135	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.229*	.088	297	.010	-.403	-.055
2.00	1.00	.229*	.088	297	.010	.055	.403

Based on estimated marginal
*. The mean difference is
a. Dependent Variable:
c. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	6.704	.010

The F tests the effect of a1.
This test is based on the
linearly independent pairwise
a. Dependent Variable:

```
MIXED C_Resp_TL BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	13-JUN-2013 14:32:53
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_TL BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	829.877
Akaike's Information Criterion (AIC)	831.877
Hurvich and Tsai's Criterion (AICC)	831.891
Bozdogan's Criterion (CAIC)	836.571
Schwarz's Bayesian Criterion (BIC)	835.571

The information criteria are displayed in smaller-is-better

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3315.004	.000
a1	1	297	10.117	.002

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.396341	.075124	297	45.210	.000	3.248499	3.544184
[a1=1.00]	-.355601	.111801	297	-3.181	.002	-.575624	-.135578
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.925551	.075952

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.041	.083	297	2.878	3.204	0.38
2.00	3.396	.075	297	3.248	3.544	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1					95% Confidence Interval for Difference[c]

		Mean Difference (I-J)	Std. Error	df	Sig.[c]	Lower Bound	Upper Bound
1.00	2.00	-.356*	.112	297	.002	-.576	-.136
2.00	1.00	.356*	.112	297	.002	.136	.576

Based on estimated marginal

*. The mean difference is

a. Dependent Variable:

c. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	10.117	.002

The F tests the effect of a1. This test is based on the linearly independent pairwise

a. Dependent Variable:

```
MIXED D_TK BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:33:26
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TK BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	551.065
Akaike's Information Criterion (AIC)	553.065
Hurvich and Tsai's Criterion (AICC)	553.079
Bozdogan's Criterion (CAIC)	557.759
Schwarz's Bayesian Criterion (BIC)	556.759

The information criteria are displayed in smaller-is-better

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	8332.641	.000
a1	1	297	.654	.419

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.219512	.046982	297	68.527	.000	3.127053	3.311971
[a1=1.00]	-.056549	.069919	297	-.809	.419	-.194149	.081051
[a1=2.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.361995	.029706

a. Dependent Variable: D_TK.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.163	.052	297	3.061	3.265	0.16
2.00	3.220	.047	297	3.127	3.312	

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.057	.070	297	.419	-.194	.081
2.00	1.00	.057	.070	297	.419	-.081	.194

Based on estimated marginal

a. Dependent Variable: D_TK.

b. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	.654	.419

The F tests the effect of a1. This test is based on the linearly independent pairwise

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:34:17
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TPACK BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	649.334
Akaike's Information Criterion (AIC)	651.334
Hurvich and Tsai's Criterion (AICC)	651.347
Bozdogan's Criterion (CAIC)	656.027
Schwarz's Bayesian Criterion (BIC)	655.027

The information criteria are displayed in smaller-is-better

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	4321.579	.000
a1	1	297	.460	.498

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.739634	.055434	297	49.421	.000	2.630541	2.848727
[a1=1.00]	-.055930	.082498	297	-.678	.498	-.218286	.106425
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.503961	.041356

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	2.684	.061	297	2.563	2.804	0.11
2.00	2.740	.055	297	2.631	2.849	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.056	.082	297	.498	-.218	.106
2.00	1.00	.056	.082	297	.498	-.106	.218

Based on estimated marginal
a. Dependent Variable:
b. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	.460	.498

The F tests the effect of a1.
This test is based on the
linearly independent pairwise
a. Dependent Variable:

```
MIXED E_Cont_SPD BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:34:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302

Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_Cont_SPD BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	788.867
Akaike's Information Criterion (AIC)	790.867
Hurvich and Tsai's Criterion (AICC)	790.881
Bozdogan's Criterion (CAIC)	795.561
Schwarz's Bayesian Criterion (BIC)	794.561

The information criteria are displayed in smaller-is-better

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3857.266	.000
a1	1	297	14.080	.000

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.435976	.070112	297	49.007	.000	3.297996	3.573956
[a1=1.00]	-.391531	.104343	297	-3.752	.000	-.596876	-.186186
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.806182	.066156

a. Dependent Variable:
E_Cont_SPD.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.044	.077	297	2.892	3.197	0.49
2.00	3.436	.070	297	3.298	3.574	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.392*	.104	297	.000	-.597	-.186
2.00	1.00	.392*	.104	297	.000	.186	.597

Based on estimated marginal

*. The mean difference is

a. Dependent Variable:

c. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	14.080	.000

The F tests the effect of a1.
This test is based on the
linearly independent pairwise
a. Dependent Variable:

```
MIXED E_ICT_SPD BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:35:15
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_ICT_SPD BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	699.400
Akaike's Information Criterion (AIC)	701.400
Hurvich and Tsai's Criterion (AICC)	701.414
Bozdogan's Criterion (CAIC)	706.094
Schwarz's Bayesian Criterion (BIC)	705.094

The information criteria are displayed in smaller-is-better

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3384.634	.000
a1	1	297	2.438	.119

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.680894	.060309	297	44.453	.000	2.562207	2.799581
[a1=1.00]	-.140154	.089753	297	-1.562	.119	-.316787	.036480
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.596496	.048949

a. Dependent Variable:
E_ICT_SPD.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	2.541	.066	297	2.410	2.672	0.23
2.00	2.681	.060	297	2.562	2.800	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.140	.090	297	.119	-.317	.036
2.00	1.00	.140	.090	297	.119	-.036	.317

Based on estimated marginal
a. Dependent Variable:
b. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	2.438	.119

The F tests the effect of a1.
This test is based on the
linearly independent pairwise
a. Dependent Variable:

```
MIXED F_Building_SPI BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	13-JUN-2013 14:35:39
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_Building_SPI BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	381.285
Akaike's Information Criterion (AIC)	383.285
Hurvich and Tsai's Criterion (AICC)	383.298
Bozdogan's Criterion (CAIC)	387.982
Schwarz's Bayesian Criterion (BIC)	386.982

The information criteria are displayed in smaller-is-better

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	15252.280	.000
a1	1	298	.039	.843

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.227706	.035121	298	91.904	.000	3.158590	3.296821
[a1=1.00]	.010390	.052355	298	.198	.843	-.092642	.113421
[a1=2.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.203520	.016673

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.238	.039	298	3.162	3.315	0.05
2.00	3.228	.035	298	3.159	3.297	

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) a1					95% Confidence Interval for Difference[b]

		Mean Difference (I-J)	Std. Error	df	Sig.[b]	Lower Bound	Upper Bound
1.00	2.00	.010	.052	298	.843	-.093	.113
2.00	1.00	-.010	.052	298	.843	-.113	.093

Based on estimated marginal

a. Dependent Variable:

b. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.039	.843

The F tests the effect of a1. This test is based on the linearly independent pairwise

a. Dependent Variable:

```
MIXED F_PD_Models BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:36:06
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_PD_Models BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	446.565
Akaike's Information Criterion (AIC)	448.565
Hurvich and Tsai's Criterion (AICC)	448.579
Bozdogan's Criterion (CAIC)	453.262
Schwarz's Bayesian Criterion (BIC)	452.262

The information criteria are displayed in smaller-is-better

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	12447.182	.000
a1	1	298	.432	.512

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.239394	.039186	298	82.667	.000	3.162278	3.316510
[a1=1.00]	.038384	.058415	298	.657	.512	-.076574	.153342
[a1=2.00]	0[b]	0					

a. Dependent Variable:
b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.253363	.020756

a. Dependent Variable:
F_PD_Models.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.278	.043	298	3.193	3.363	0.15
2.00	3.239	.039	298	3.162	3.317	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.038	.058	298	.512	-.077	.153
2.00	1.00	-.038	.058	298	.512	-.153	.077

Based on estimated marginal
a. Dependent Variable:
b. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.432	.512

The F tests the effect of a1.
This test is based on the linearly independent pairwise

a. Dependent Variable:

```
MIXED F_ODL_SPD BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		13-JUN-2013 14:36:33
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_ODL_SPD BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1

Residual		1
Total	3	3

a. Dependent Variable:

Information Criteria[a]

-2 Restricted Log Likelihood	498.248
Akaike's Information Criterion (AIC)	500.248
Hurvich and Tsai's Criterion (AICC)	500.261
Bozdogan's Criterion (CAIC)	504.945
Schwarz's Bayesian Criterion (BIC)	503.945

The information criteria are displayed in smaller-is-better

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	10068.210	.000
a1	1	298	.248	.619

a. Dependent Variable:

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.180303	.042736	298	74.418	.000	3.096201	3.264405
[a1=1.00]	.031734	.063706	298	.498	.619	-.093638	.157106
[a1=2.00]	0[b]	0					

a. Dependent Variable:

b. This parameter is set to zero

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.301345	.024687

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval		Effekgrootte
				Lower Bound	Upper Bound	
1.00	3.212	.047	298	3.119	3.305	0.11
2.00	3.180	.043	298	3.096	3.264	

a. Dependent Variable:

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.032	.064	298	.619	-.094	.157
2.00	1.00	-.032	.064	298	.619	-.157	.094

Based on estimated marginal

a. Dependent Variable:

b. Adjustment for multiple

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.248	.619

The F tests the effect of a1. This test is based on the linearly independent pairwise

a. Dependent Variable:

```
FREQUENCIES VARIABLES=a5
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		13-JUN-2013 14:40:00
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=a5 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Statistics

a5

N	Valid	300
	Missing	2

a5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	58	19.2	19.3	19.3
	2.00	188	62.3	62.7	82.0
	3.00	48	15.9	16.0	98.0
	4.00	3	1.0	1.0	99.0
	5.00	3	1.0	1.0	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

```
RECODE a5 (4 thru 5=3).
EXECUTE.
RECODE a6 (3 thru 4=2).
EXECUTE.
RECODE a7 (4=11) (8=7) (3=2) (9 thru 10=6).
EXECUTE.
RECODE a8 (4=4) (ELSE=16).
EXECUTE.
FREQUENCIES VARIABLES=b6
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		13-JUN-2013 14:48:55
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>

	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=b6 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

```
[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav
```

Statistics

b6

N	Valid	300
	Missing	2

b6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	1	.3	.3	.3
	1.00	3	1.0	1.0	1.3
	2.00	52	17.2	17.3	18.7
	3.00	115	38.1	38.3	57.0
	4.00	128	42.4	42.7	99.7
	6.00	1	.3	.3	100.0
	Total	300	99.3	100.0	
Missing	System	2	.7		
Total		302	100.0		

```
CROSSTABS
  /TABLES=a1 BY b15a b15b
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ PHI
  /CELLS=COUNT ROW
  /COUNT ROUND CELL.
```

Crosstabs

Notes

Output Created		13-JUN-2013 14:52:27
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet10
	Filter	<none>
	Weight	<none>
	Split File	<none>

	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.
Syntax		CROSSTABS /TABLES=a1 BY b15a b15b /FORMAT=AVALUE TABLES /STATISTICS=CHISQ PHI /CELLS=COUNT ROW /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
	Dimensions Requested	2
	Cells Available	131029

[DataSet10] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
a1 * b15a	300	99.3%	2	.7%	302	100.0%
a1 * b15b	300	99.3%	2	.7%	302	100.0%

a1 * b15a

Crosstab

			b15a										
			.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	Total
a1	1.00	Count	51	58	10	6	4	4	2	0	0	0	135
		% within a1	37.8%	43.0%	7.4%	4.4%	3.0%	3.0%	1.5%	0.0%	0.0%	0.0%	100.0%
	2.00	Count	54	59	22	7	9	3	4	4	1	2	165
		% within a1	32.7%	35.8%	13.3%	4.2%	5.5%	1.8%	2.4%	2.4%	.6%	1.2%	100.0%
Total		Count	105	117	32	13	13	7	6	4	1	2	300
		% within a1	35.0%	39.0%	10.7%	4.3%	4.3%	2.3%	2.0%	1.3%	.3%	.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.519[a]	9	.242
Likelihood Ratio	14.279	9	.113
Linear-by-Linear Association	5.637	1	.018
N of Valid Cases	300		

a. 10 cells (50.0%) have expected count less than 5. The minimum expected count

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.196	.242
	Cramer's V	.196	.242
N of Valid Cases		300	

a1 * b15b

Crosstab

			b15b					
			.00	1.00	2.00	3.00	4.00	Total
a1	1.00	Count	17	87	22	8	1	135
		% within a1	12.6%	64.4%	16.3%	5.9%	.7%	100.0%
	2.00	Count	25	112	24	3	1	165
		% within a1	15.2%	67.9%	14.5%	1.8%	.6%	100.0%
Total		Count	42	199	46	11	2	300
		% within a1	14.0%	66.3%	15.3%	3.7%	.7%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.065[a]	4	.397
Likelihood Ratio	4.122	4	.390
Linear-by-Linear Association	2.532	1	.112
N of Valid Cases	300		

a. 3 cells (30.0%) have expected count less than 5. The minimum expected count

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.116	.397
	Cramer's V	.116	.397
N of Valid Cases		300	

Addendum 5.5: Hierarchical Linear Models with Statistics Programme for Social Science

```
DATASET ACTIVATE DataSet7.
MIXED C_Pol_Iniciatives BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Pol_Iniciatives BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	809.519
Akaike's Information Criterion (AIC)	811.519
Hurvich and Tsai's Criterion (AICC)	811.532
Bozdogan's Criterion (CAIC)	816.209

Schwarz's Bayesian Criterion (BIC)	815.209

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	2676.409	.000
a5	2	296	.053	.948

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.277778	.126384	296	25.935	.000	3.029054	3.526502
[a5=1.00]	-.056513	.175625	296	-.322	.748	-.402145	.289118
[a5=2.00]	-.035354	.143476	296	-.246	.806	-.317715	.247008
[a5=3.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	54.000000	.070900

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.221	.122	296	2.981	3.461
2.00	3.242	.068	296	3.109	3.376
3.00	3.278	.126	296	3.029	3.527

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.021	.140	296	.998	-.356	.314
	3.00	-.057	.176	296	.984	-.478	.365
2.00	1.00	.021	.140	296	.998	-.314	.356
	3.00	-.035	.143	296	.993	-.380	.309
3.00	1.00	.057	.176	296	.984	-.365	.478
	2.00	.035	.143	296	.993	-.309	.380

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.053	.948

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_DOE BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	964.878
Akaike's Information Criterion (AIC)	966.878
Hurvich and Tsai's Criterion (AICC)	966.892
Bozdogan's Criterion (CAIC)	971.569

Schwarz's Bayesian Criterion (BIC)	970.569

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	1577.514	.000
a5	2	296	.086	.918

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.203704	.164310	296	19.498	.000	2.880340	3.527067
[a5=1.00]	.037676	.228328	296	.165	.869	-.411676	.487027
[a5=2.00]	.074371	.186531	296	.399	.690	-.292724	.441466
[a5=3.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.457876	.119837

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.241	.159	296	2.929	3.553
2.00	3.278	.088	296	3.104	3.452
3.00	3.204	.164	296	2.880	3.527

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.037	.181	296	.996	-.472	.399
	3.00	.038	.228	296	.998	-.511	.586
2.00	1.00	.037	.181	296	.996	-.399	.472
	3.00	.074	.187	296	.970	-.374	.522
3.00	1.00	-.038	.228	296	.998	-.586	.511
	2.00	-.074	.187	296	.970	-.522	.374

Based on estimated marginal means

a. Dependent Variable: C_Resp_DOE.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.086	.918

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_Mangm BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	689.845
Akaike's Information Criterion (AIC)	691.845
Hurvich and Tsai's Criterion (AICC)	691.859
Bozdogan's Criterion (CAIC)	696.535

Schwarz's Bayesian Criterion (BIC)	695.535

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	3066.115	.000
a5	2	296	4.613	.011

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.814815	.103252	296	27.262	.000	2.611614	3.018015
[a5=1.00]	-.125160	.143480	296	-.872	.384	-.407530	.157211
[a5=2.00]	.198936	.117215	296	1.697	.091	-.031745	.429618
[a5=3.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.575690	.047321

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.690	.100	296	2.494	2.886
2.00	3.014	.055	296	2.905	3.123
3.00	2.815	.103	296	2.612	3.018

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.324*	.114	296	.014	-.598	-.050
	3.00	-.125	.143	296	.766	-.470	.219
2.00	1.00	.324*	.114	296	.014	.050	.598
	3.00	.199	.117	296	.248	-.083	.480
3.00	1.00	.125	.143	296	.766	-.219	.470
	2.00	-.199	.117	296	.248	-.480	.083

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_Mangm.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	4.613	.011

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_TL BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	838.092
Akaike's Information Criterion (AIC)	840.092
Hurvich and Tsai's Criterion (AICC)	840.105
Bozdogan's Criterion (CAIC)	844.782

Schwarz's Bayesian Criterion (BIC)	843.782

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	2325.433	.000
a5	2	296	1.615	.201

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.138889	.132633	296	23.666	.000	2.877865	3.399912
[a5=1.00]	-.061303	.184309	296	-.333	.740	-.424025	.301420
[a5=2.00]	.173945	.150570	296	1.155	.249	-.122379	.470270
[a5=3.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.949944	.078085

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.078	.128	296	2.826	3.329
2.00	3.313	.071	296	3.173	3.453
3.00	3.139	.133	296	2.878	3.400

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.235	.146	296	.293	-.587	.117
	3.00	-.061	.184	296	.982	-.504	.381
2.00	1.00	.235	.146	296	.293	-.117	.587
	3.00	.174	.151	296	.576	-.188	.536
3.00	1.00	.061	.184	296	.982	-.381	.504
	2.00	-.174	.151	296	.576	-.536	.188

Based on estimated marginal means

a. Dependent Variable: C_Resp_TL.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	1.615	.201

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TK BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	550.185
Akaike's Information Criterion (AIC)	552.185
Hurvich and Tsai's Criterion (AICC)	552.199
Bozdogan's Criterion (CAIC)	556.875

Schwarz's Bayesian Criterion (BIC)	555.875

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	6117.620	.000
a5	2	296	2.005	.136

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.046296	.081553	296	37.353	.000	2.885798	3.206794
[a5=1.00]	.186462	.113328	296	1.645	.101	-.036568	.409493
[a5=2.00]	.178303	.092583	296	1.926	.055	-.003901	.360506
[a5=3.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.359152	.029522

a. Dependent Variable: D_TK.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.233	.079	296	3.078	3.388
2.00	3.225	.044	296	3.138	3.311
3.00	3.046	.082	296	2.886	3.207

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.008	.090	296	1.000	-.208	.224
	3.00	.186	.113	296	.273	-.086	.459
2.00	1.00	-.008	.090	296	1.000	-.224	.208
	3.00	.178	.093	296	.156	-.044	.401
3.00	1.00	-.186	.113	296	.273	-.459	.086
	2.00	-.178	.093	296	.156	-.401	.044

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	2.005	.136

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TPACK BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	651.250
Akaike's Information Criterion (AIC)	653.250
Hurvich and Tsai's Criterion (AICC)	653.263
Bozdogan's Criterion (CAIC)	657.940

Schwarz's Bayesian Criterion (BIC)	656.940

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	3155.849	.000
a5	2	296	.332	.718

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.712963	.096735	296	28.045	.000	2.522587	2.903338
[a5=1.00]	-.064687	.134425	296	-.481	.631	-.329236	.199862
[a5=2.00]	.022331	.109817	296	.203	.839	-.193791	.238453
[a5=3.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.505314	.041537

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.648	.093	296	2.465	2.832
2.00	2.735	.052	296	2.633	2.838
3.00	2.713	.097	296	2.523	2.903

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.087	.107	296	.801	-.344	.170
	3.00	-.065	.134	296	.950	-.387	.258
2.00	1.00	.087	.107	296	.801	-.170	.344
	3.00	.022	.110	296	.996	-.241	.286
3.00	1.00	.065	.134	296	.950	-.258	.387
	2.00	-.022	.110	296	.996	-.286	.241

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.332	.718

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_Cont_SPD BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	795.179
Akaike's Information Criterion (AIC)	797.179
Hurvich and Tsai's Criterion (AICC)	797.192
Bozdogan's Criterion (CAIC)	801.869

Schwarz's Bayesian Criterion (BIC)	800.869

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	2677.171	.000
a5	2	296	4.595	.011

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.958333	.123359	296	23.981	.000	2.715561	3.201105
[a5=1.00]	.222701	.171422	296	1.299	.195	-.114659	.560061
[a5=2.00]	.411988	.140042	296	2.942	.004	.136383	.687592
[a5=3.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.821742	.067547

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.181	.119	296	2.947	3.415
2.00	3.370	.066	296	3.240	3.501
3.00	2.958	.123	296	2.716	3.201

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.189	.136	296	.419	-.516	.138
	3.00	.223	.171	296	.478	-.189	.634
2.00	1.00	.189	.136	296	.419	-.138	.516
	3.00	.412*	.140	296	.011	.076	.748
3.00	1.00	-.223	.171	296	.478	-.634	.189
	2.00	-.412*	.140	296	.011	-.748	-.076

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: E_Cont_SPD.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	4.595	.011

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_ICT_SPD BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	700.239
Akaike's Information Criterion (AIC)	702.239
Hurvich and Tsai's Criterion (AICC)	702.253
Bozdogan's Criterion (CAIC)	706.929

Schwarz's Bayesian Criterion (BIC)	705.929

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	2452.450	.000
a5	2	296	1.778	.171

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.438272	.105081	296	23.204	.000	2.231472	2.645071
[a5=1.00]	.219774	.146022	296	1.505	.133	-.067598	.507147
[a5=2.00]	.218591	.119292	296	1.832	.068	-.016176	.453358
[a5=3.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.596264	.049013

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.658	.101	296	2.459	2.858
2.00	2.657	.056	296	2.546	2.768
3.00	2.438	.105	296	2.231	2.645

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.001	.116	296	1.000	-.278	.280
	3.00	.220	.146	296	.349	-.131	.570
2.00	1.00	-.001	.116	296	1.000	-.280	.278
	3.00	.219	.119	296	.190	-.068	.505
3.00	1.00	-.220	.146	296	.349	-.570	.131
	2.00	-.219	.119	296	.190	-.505	.068

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	1.778	.171

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_Building_SPI BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	377.181
Akaike's Information Criterion (AIC)	379.181
Hurvich and Tsai's Criterion (AICC)	379.195
Bozdogan's Criterion (CAIC)	383.875

Schwarz's Bayesian Criterion (BIC)	382.875

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297.000	11699.109	.000
a5	2	297.000	3.628	.028

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.224868	.060761	297.000	53.075	.000	3.105292	3.344444
[a5=1.00]	.147053	.084434	297	1.742	.083	-.019111	.313218
[a5=2.00]	-.033378	.068937	297	-.484	.629	-.169045	.102288
[a5=3.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.199361	.016360

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.372	.059	297	3.257	3.487
2.00	3.191	.033	297	3.127	3.256
3.00	3.225	.061	297.000	3.105	3.344

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	.180*	.067	297	.022	.019	.341
	3.00	.147	.084	297	.228	-.056	.350
2.00	1.00	-.180*	.067	297	.022	-.341	-.019
	3.00	-.033	.069	297	.949	-.199	.132
3.00	1.00	-.147	.084	297	.228	-.350	.056
	2.00	.033	.069	297	.949	-.132	.199

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: F_Building_SPI.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	297.000	3.628	.028

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_PD_Models BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.16

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	447.811
Akaike's Information Criterion (AIC)	449.811
Hurvich and Tsai's Criterion (AICC)	449.824
Bozdogan's Criterion (CAIC)	454.505

Schwarz's Bayesian Criterion (BIC)	453.505

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297.000	9270.296	.000
a5	2	297	1.000	.369

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.236111	.068433	297	47.289	.000	3.101437	3.370785
[a5=1.00]	.104406	.095095	297	1.098	.273	-.082739	.291551
[a5=2.00]	.000591	.077641	297	.008	.994	-.152205	.153387
[a5=3.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.252883	.020752

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.341	.066	297	3.211	3.470
2.00	3.237	.037	297	3.165	3.309
3.00	3.236	.068	297	3.101	3.371

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.104	.076	297	.429	-.078	.285
	3.00	.104	.095	297	.616	-.124	.333
2.00	1.00	-.104	.076	297	.429	-.285	.078
	3.00	.001	.078	297	1.000	-.186	.187
3.00	1.00	-.104	.095	297	.616	-.333	.124
	2.00	-.001	.078	297	1.000	-.187	.186

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	297	1.000	.369

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY a5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 11:58:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_ODL_SPD BY a5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a5	3	2
Residual			1
Total		4	4

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	495.181
Akaike's Information Criterion (AIC)	497.181
Hurvich and Tsai's Criterion (AICC)	497.195
Bozdogan's Criterion (CAIC)	501.875

Schwarz's Bayesian Criterion (BIC)	500.875

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297.000	7752.889	.000
a5	2	297	3.004	.051

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.266204	.074113	297.000	44.070	.000	3.120350	3.412058
[a5=1.00]	.050607	.102989	297.000	.491	.624	-.152075	.253288
[a5=2.00]	-.129901	.084086	297.000	-1.545	.123	-.295381	.035580
[a5=3.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.296611	.024340

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

a5

Estimates[a]

a5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.317	.072	297	3.176	3.458
2.00	3.136	.040	297	3.058	3.214
3.00	3.266	.074	297.000	3.120	3.412

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) a5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.181	.082	297	.082	-.016	.377
	3.00	.051	.103	297.000	.947	-.197	.298
2.00	1.00	-.181	.082	297	.082	-.377	.016
	3.00	-.130	.084	297.000	.327	-.332	.072
3.00	1.00	-.051	.103	297.000	.947	-.298	.197
	2.00	.130	.084	297.000	.327	-.072	.332

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	297	3.004	.051

The F tests the effect of a5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
DATASET ACTIVATE DataSet7.
MIXED C_Pol_Iniciatives BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Pol_Iniciatives BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	803.384
Akaike's Information Criterion (AIC)	805.384
Hurvich and Tsai's Criterion (AICC)	805.398
Bozdogan's Criterion (CAIC)	810.075

Schwarz's Bayesian Criterion (BIC)	809.075

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	345.433	.000
a6	2	296	2.165	.117

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.291667	.461086	296	4.970	.000	1.384244	3.199089
[a6=1.00]	.966667	.468708	296.000	2.062	.040	.044245	1.889089
[a6=2.00]	.965476	.466326	296	2.070	.039	.047742	1.883211
[a6=5.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.850402	.069903

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.258	.084	296.000	3.093	3.424
2.00	3.257	.070	296	3.120	3.394
5.00	2.292	.461	296	1.384	3.199

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.001	.109	296.000	1.000	-.261	.264
	5.00	.967	.469	296.000	.115	-.159	2.092
2.00	1.00	-.001	.109	296.000	1.000	-.264	.261
	5.00	.965	.466	296	.113	-.154	2.085
5.00	1.00	-.967	.469	296.000	.115	-2.092	.159
	2.00	-.965	.466	296	.113	-2.085	.154

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	2.165	.117

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_DOE BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	959.982
Akaike's Information Criterion (AIC)	961.982
Hurvich and Tsai's Criterion (AICC)	961.996
Bozdogan's Criterion (CAIC)	966.673

Schwarz's Bayesian Criterion (BIC)	965.673

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296.000	200.696	.000
a6	2	296	1.571	.210

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.208333	.600708	296.000	3.676	.000	1.026134	3.390532
[a6=1.00]	1.044444	.610637	296.000	1.710	.088	-.157296	2.246185
[a6=2.00]	1.076429	.607534	296	1.772	.077	-.119205	2.272062
[a6=5.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.443398	.118647

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.253	.110	296.000	3.037	3.469
2.00	3.285	.091	296	3.106	3.463
5.00	2.208	.601	296.000	1.026	3.391

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.032	.142	296.000	.994	-.374	.310
	5.00	1.044	.611	296.000	.242	-.422	2.511
2.00	1.00	.032	.142	296.000	.994	-.310	.374
	5.00	1.076	.608	296	.215	-.382	2.535
5.00	1.00	-1.044	.611	296.000	.242	-2.511	.422
	2.00	-1.076	.608	296	.215	-2.535	.382

Based on estimated marginal means

a. Dependent Variable: C_Resp_DOE.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296.000	1.571	.210

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_Mangm BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	691.568
Akaike's Information Criterion (AIC)	693.568
Hurvich and Tsai's Criterion (AICC)	693.582
Bozdogan's Criterion (CAIC)	698.259

Schwarz's Bayesian Criterion (BIC)	697.259

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296.000	486.081	.000
a6	2	296.000	2.734	.067

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.857143	.381727	296.000	7.485	.000	2.105899	3.608386
[a6=1.00]	-.066667	.388037	296.000	-.172	.864	-.830328	.696995
[a6=2.00]	.144490	.386065	296	.374	.708	-.615291	.904270
[a6=5.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.582863	.047911

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.790	.070	296.000	2.653	2.928
2.00	3.002	.058	296.000	2.888	3.115
5.00	2.857	.382	296.000	2.106	3.608

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.211	.090	296	.060	-.428	.006
	5.00	-.067	.388	296.000	.997	-.998	.865
2.00	1.00	.211	.090	296	.060	-.006	.428
	5.00	.144	.386	296	.975	-.783	1.072
5.00	1.00	.067	.388	296.000	.997	-.865	.998
	2.00	-.144	.386	296	.975	-1.072	.783

Based on estimated marginal means

a. Dependent Variable: C_Resp_Mangm.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	2.734	.067

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_TL BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	837.454
Akaike's Information Criterion (AIC)	839.454
Hurvich and Tsai's Criterion (AICC)	839.468
Bozdogan's Criterion (CAIC)	844.144

Schwarz's Bayesian Criterion (BIC)	843.144

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296.000	354.462	.000
a6	2	296.000	.957	.385

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.000000	.488400	296.000	6.143	.000	2.038823	3.961177
[a6=1.00]	.150000	.496473	296.000	.302	.763	-.827065	1.127065
[a6=2.00]	.300000	.493950	296	.607	.544	-.672099	1.272099
[a6=5.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.954139	.078430

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.150	.089	296.000	2.975	3.325
2.00	3.300	.074	296.000	3.155	3.445
5.00	3.000	.488	296.000	2.039	3.961

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.150	.116	296.000	.480	-.428	.128
	5.00	.150	.496	296.000	.987	-1.042	1.342
2.00	1.00	.150	.116	296.000	.480	-.128	.428
	5.00	.300	.494	296	.905	-.886	1.486
5.00	1.00	-.150	.496	296.000	.987	-1.342	1.042
	2.00	-.300	.494	296	.905	-1.486	.886

Based on estimated marginal means

a. Dependent Variable: C_Resp_TL.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.957	.385

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TK BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	551.533
Akaike's Information Criterion (AIC)	553.533
Hurvich and Tsai's Criterion (AICC)	553.546
Bozdogan's Criterion (CAIC)	558.223

Schwarz's Bayesian Criterion (BIC)	557.223

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296.000	942.191	.000
a6	2	296.000	.348	.706

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.125000	.301315	296	10.371	.000	2.532009	3.717991
[a6=1.00]	.036157	.306255	296	.118	.906	-.566556	.638870
[a6=2.00]	.093391	.304759	296	.306	.759	-.506377	.693159
[a6=5.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.363162	.029852

a. Dependent Variable: D_TK.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.161	.055	296	3.053	3.269
2.00	3.218	.046	296	3.128	3.308
5.00	3.125	.301	296	2.532	3.718

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.057	.071	296	.808	-.229	.114
	5.00	.036	.306	296	.999	-.699	.772
2.00	1.00	.057	.071	296	.808	-.114	.229
	5.00	.093	.305	296	.986	-.638	.825
5.00	1.00	-.036	.306	296	.999	-.772	.699
	2.00	-.093	.305	296	.986	-.825	.638

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.348	.706

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TPACK BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	648.930
Akaike's Information Criterion (AIC)	650.930
Hurvich and Tsai's Criterion (AICC)	650.943
Bozdogan's Criterion (CAIC)	655.620

Schwarz's Bayesian Criterion (BIC)	654.620

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	465.503	.000
a6	2	296	.523	.594

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.450000	.355199	296	6.898	.000	1.750965	3.149035
[a6=1.00]	.233471	.361022	296	.647	.518	-.477024	.943966
[a6=2.00]	.291954	.359258	296	.813	.417	-.415070	.998978
[a6=5.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.504664	.041483

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.683	.065	296	2.556	2.811
2.00	2.742	.054	296	2.636	2.848
5.00	2.450	.355	296	1.751	3.149

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.058	.084	296.000	.865	-.260	.143
	5.00	.233	.361	296	.888	-.633	1.100
2.00	1.00	.058	.084	296.000	.865	-.143	.260
	5.00	.292	.359	296	.802	-.571	1.155
5.00	1.00	-.233	.361	296	.888	-1.100	.633
	2.00	-.292	.359	296	.802	-1.155	.571

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.523	.594

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_Cont_SPD BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	799.572
Akaike's Information Criterion (AIC)	801.572
Hurvich and Tsai's Criterion (AICC)	801.586
Bozdogan's Criterion (CAIC)	806.263

Schwarz's Bayesian Criterion (BIC)	805.263

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296.000	422.399	.000
a6	2	296	1.365	.257

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.187500	.458124	296.000	6.958	.000	2.285906	4.089094
[a6=1.00]	-.032541	.465635	296.000	-.070	.944	-.948916	.883834
[a6=2.00]	.145833	.463360	296	.315	.753	-.766065	1.057731
[a6=5.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.839512	.069007

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.155	.083	296	2.991	3.319
2.00	3.333	.069	296	3.197	3.470
5.00	3.188	.458	296.000	2.286	4.089

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.178	.108	296.000	.274	-.439	.082
	5.00	-.033	.466	296.000	1.000	-1.151	1.086
2.00	1.00	.178	.108	296.000	.274	-.082	.439
	5.00	.146	.463	296	.985	-.967	1.259
5.00	1.00	.033	.466	296.000	1.000	-1.086	1.151
	2.00	-.146	.463	296	.985	-1.259	.967

Based on estimated marginal means

a. Dependent Variable: E_Cont_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	1.365	.257

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_ICT_SPD BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	701.047
Akaike's Information Criterion (AIC)	703.047
Hurvich and Tsai's Criterion (AICC)	703.060
Bozdogan's Criterion (CAIC)	707.737

Schwarz's Bayesian Criterion (BIC)	706.737

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	296	383.394	.000
a6	2	296.000	.394	.675

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.583333	.387886	296.000	6.660	.000	1.819969	3.346698
[a6=1.00]	-.013085	.394246	296.000	-.033	.974	-.788965	.762794
[a6=2.00]	.068008	.392320	296.000	.173	.862	-.704082	.840097
[a6=5.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.601824	.049470

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.570	.071	296	2.431	2.709
2.00	2.651	.059	296	2.536	2.767
5.00	2.583	.388	296.000	1.820	3.347

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.081	.092	296.000	.759	-.302	.139
	5.00	-.013	.394	296.000	1.000	-.960	.934
2.00	1.00	.081	.092	296.000	.759	-.139	.302
	5.00	.068	.392	296.000	.997	-.874	1.010
5.00	1.00	.013	.394	296.000	1.000	-.934	.960
	2.00	-.068	.392	296.000	.997	-1.010	.874

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	296	.394	.675

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:24
Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_Building_SPI BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	375.740
Akaike's Information Criterion (AIC)	377.740
Hurvich and Tsai's Criterion (AICC)	377.754
Bozdogan's Criterion (CAIC)	382.434

Schwarz's Bayesian Criterion (BIC)	381.434

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	1850.730	.000
a6	2	297	3.374	.036

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.392857	.223436	297	15.185	.000	2.953138	3.832576
[a6=1.00]	-.084711	.227099	297	-.373	.709	-.531639	.362217
[a6=2.00]	-.216531	.225975	297.000	-.958	.339	-.661246	.228185
[a6=5.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.199695	.016387

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.308	.041	297.000	3.228	3.388
2.00	3.176	.034	297	3.110	3.243
5.00	3.393	.223	297	2.953	3.833

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	.132*	.053	297	.039	.005	.259
	5.00	-.085	.227	297	.975	-.630	.461
2.00	1.00	-.132*	.053	297	.039	-.259	-.005
	5.00	-.217	.226	297.000	.711	-.759	.326
5.00	1.00	.085	.227	297	.975	-.461	.630
	2.00	.217	.226	297.000	.711	-.326	.759

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: F_Building_SPI.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	297.000	3.374	.036

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:25
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_PD_Models BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	446.657
Akaike's Information Criterion (AIC)	448.657
Hurvich and Tsai's Criterion (AICC)	448.671
Bozdogan's Criterion (CAIC)	453.351

Schwarz's Bayesian Criterion (BIC)	452.351

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297.000	1427.702	.000
a6	2	297	.605	.547

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.250000	.251770	297.000	12.909	.000	2.754521	3.745479
[a6=1.00]	.045455	.255897	297	.178	.859	-.458147	.549057
[a6=2.00]	-.020000	.254631	297.000	-.079	.937	-.521109	.481109
[a6=5.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.253552	.020807

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.295	.046	297.000	3.205	3.386
2.00	3.230	.038	297	3.155	3.305
5.00	3.250	.252	297.000	2.755	3.745

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.065	.060	297.000	.615	-.078	.208
	5.00	.045	.256	297	.997	-.569	.660
2.00	1.00	-.065	.060	297.000	.615	-.208	.078
	5.00	-.020	.255	297.000	1.000	-.631	.591
5.00	1.00	-.045	.256	297	.997	-.660	.569
	2.00	.020	.255	297.000	1.000	-.591	.631

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	297.000	.605	.547

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY a6
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a6 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:25
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_ODL_SPD BY a6 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a6 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a6) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a6	3	2
Residual			1
Total		4	4

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	489.614
Akaike's Information Criterion (AIC)	491.614
Hurvich and Tsai's Criterion (AICC)	491.628
Bozdogan's Criterion (CAIC)	496.308

Schwarz's Bayesian Criterion (BIC)	495.308

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297.000	1187.235	.000
a6	2	297	4.866	.008

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.156250	.270652	297.000	11.662	.000	2.623611	3.688889
[a6=1.00]	.156767	.275089	297.000	.570	.569	-.384605	.698138
[a6=2.00]	-.042679	.273728	297.000	-.156	.876	-.581370	.496013
[a6=5.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.293010	.024045

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

a6

Estimates[a]

a6	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.313	.049	297.000	3.216	3.410
2.00	3.114	.041	297	3.033	3.194
5.00	3.156	.271	297.000	2.624	3.689

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) a6		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	.199*	.064	297	.006	.046	.353
	5.00	.157	.275	297.000	.920	-.504	.817
2.00	1.00	-.199*	.064	297	.006	-.353	-.046
	5.00	-.043	.274	297.000	.998	-.700	.615
5.00	1.00	-.157	.275	297.000	.920	-.817	.504
	2.00	.043	.274	297.000	.998	-.615	.700

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: F_ODL_SPD.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
2	297	4.866	.008

The F tests the effect of a6. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
MIXED C_Pol_Iniciatives BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:59
Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Pol_Iniciatives BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	806.386
Akaike's Information Criterion (AIC)	808.386
Hurvich and Tsai's Criterion (AICC)	808.400
Bozdogan's Criterion (CAIC)	813.066

Schwarz's Bayesian Criterion (BIC)	812.066

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293	2992.501	.000
a7	5	293	1.556	.172

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.449495	.160409	293	21.504	.000	3.133795	3.765195
[a7=1.00]	-.378066	.257227	293	-1.470	.143	-.884312	.128179
[a7=2.00]	-.168596	.187808	293	-.898	.370	-.538219	.201027
[a7=5.00]	-.016162	.211188	293	-.077	.939	-.431800	.399476
[a7=6.00]	-.223304	.214355	293	-1.042	.298	-.645176	.198567
[a7=7.00]	-.408432	.195031	293.000	-2.094	.037	-.792272	-.024593
[a7=11.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.849124	.070154

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

a7

Estimates[a]

a7	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.071	.201	293	2.676	3.467
2.00	3.281	.098	293	3.089	3.473
5.00	3.433	.137	293	3.163	3.704
6.00	3.226	.142	293	2.946	3.506
7.00	3.041	.111	293	2.823	3.259
11.00	3.449	.160	293	3.134	3.765

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.209	.224	293	.998	-.869	.450
	5.00	-.362	.244	293	.893	-1.081	.357
	6.00	-.155	.246	293	1.000	-.882	.572
	7.00	.030	.230	293	1.000	-.648	.708
	11.00	-.378	.257	293	.901	-1.137	.381
2.00	1.00	.209	.224	293	.998	-.450	.869
	5.00	-.152	.169	293	.999	-.650	.345
	6.00	.055	.173	293	1.000	-.455	.564
	7.00	.240	.148	293	.813	-.196	.676
	11.00	-.169	.188	293	.999	-.723	.386

5.00	1.00	.362	.244	293	.893	-.357	1.081
	2.00	.152	.169	293	.999	-.345	.650
	6.00	.207	.198	293	.995	-.376	.791
	7.00	.392	.177	293	.337	-.129	.913
	11.00	-.016	.211	293	1.000	-.640	.607
6.00	1.00	.155	.246	293	1.000	-.572	.882
	2.00	-.055	.173	293	1.000	-.564	.455
	5.00	-.207	.198	293	.995	-.791	.376
	7.00	.185	.180	293	.996	-.347	.717
	11.00	-.223	.214	293	.995	-.856	.409
7.00	1.00	-.030	.230	293	1.000	-.708	.648
	2.00	-.240	.148	293	.813	-.676	.196
	5.00	-.392	.177	293	.337	-.913	.129
	6.00	-.185	.180	293	.996	-.717	.347
	11.00	-.408	.195	293.000	.433	-.984	.167
11.00	1.00	.378	.257	293	.901	-.381	1.137
	2.00	.169	.188	293	.999	-.386	.723
	5.00	.016	.211	293	1.000	-.607	.640
	6.00	.223	.214	293	.995	-.409	.856
	7.00	.408	.195	293.000	.433	-.167	.984

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	1.556	.172

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

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  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:01:59
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_DOE BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	964.788
Akaike's Information Criterion (AIC)	966.788
Hurvich and Tsai's Criterion (AICC)	966.801
Bozdogan's Criterion (CAIC)	971.468
Schwarz's Bayesian Criterion (BIC)	970.468

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	293	1698.902	.000
a7	5	293	.629	.678

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.237374	.210195	293	15.402	.000	2.823690	3.651058
[a7=1.00]	-.340548	.337062	293	-1.010	.313	-1.003918	.322822
[a7=2.00]	.148394	.246098	293	.603	.547	-.335949	.632737
[a7=5.00]	.062626	.276735	293.000	.226	.821	-.482014	.607266
[a7=6.00]	.004690	.280885	293	.017	.987	-.548118	.557498
[a7=7.00]	-.044137	.255563	293	-.173	.863	-.547109	.458835
[a7=11.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.458007	.120459

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

a7

Estimates[a]

				95% Confidence Interval

a7	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	2.897	.263	293	2.378	3.415
2.00	3.386	.128	293	3.134	3.638
5.00	3.300	.180	293	2.946	3.654
6.00	3.242	.186	293	2.875	3.609
7.00	3.193	.145	293	2.907	3.479
11.00	3.237	.210	293	2.824	3.651

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.489	.293	293	.781	-1.354	.376
	5.00	-.403	.319	293	.969	-1.345	.539
	6.00	-.345	.323	293	.994	-1.298	.607
	7.00	-.296	.301	293	.997	-1.185	.592
	11.00	-.341	.337	293	.996	-1.336	.654
2.00	1.00	.489	.293	293	.781	-.376	1.354
	5.00	.086	.221	293	1.000	-.566	.738
	6.00	.144	.226	293	1.000	-.524	.811
	7.00	.193	.194	293	.997	-.379	.764
	11.00	.148	.246	293	1.000	-.578	.875
5.00	1.00	.403	.319	293	.969	-.539	1.345
	2.00	-.086	.221	293	1.000	-.738	.566
	6.00	.058	.259	293	1.000	-.707	.823
	7.00	.107	.231	293	1.000	-.576	.790
	11.00	.063	.277	293.000	1.000	-.754	.880
6.00	1.00	.345	.323	293	.994	-.607	1.298
	2.00	-.144	.226	293	1.000	-.811	.524
	5.00	-.058	.259	293	1.000	-.823	.707
	7.00	.049	.236	293	1.000	-.649	.746
	11.00	.005	.281	293	1.000	-.824	.834
7.00	1.00	.296	.301	293	.997	-.592	1.185
	2.00	-.193	.194	293	.997	-.764	.379
	5.00	-.107	.231	293	1.000	-.790	.576

	6.00	-.049	.236	293	1.000	-.746	.649
	11.00	-.044	.256	293	1.000	-.799	.710
11.00	1.00	.341	.337	293	.996	-.654	1.336
	2.00	-.148	.246	293	1.000	-.875	.578
	5.00	-.063	.277	293.000	1.000	-.880	.754
	6.00	-.005	.281	293	1.000	-.834	.824
	7.00	.044	.256	293	1.000	-.710	.799

Based on estimated marginal means

a. Dependent Variable: C_Resp_DOE.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	.629	.678

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:01:59
Comments	

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1

Total	7	7

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	700.708
Akaike's Information Criterion (AIC)	702.708
Hurvich and Tsai's Criterion (AICC)	702.722
Bozdogan's Criterion (CAIC)	707.388
Schwarz's Bayesian Criterion (BIC)	706.388

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293	3407.754	.000
a7	5	293	.762	.578

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.917749	.133940	293	21.784	.000	2.654143	3.181355
[a7=1.00]	-.203463	.214781	293	-.947	.344	-.626173	.219246
[a7=2.00]	-.063816	.156817	293	-.407	.684	-.372447	.244815
[a7=5.00]	.028283	.176340	293	.160	.873	-.318770	.375336
[a7=6.00]	-.009586	.178984	293	-.054	.957	-.361843	.342672

[a7=7.00]	.119518	.162849	293	.734	.464	-.200983	.440020
[a7=11.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.592014	.048912

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

a7

Estimates[a]

				95% Confidence Interval	
a7	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	2.714	.168	293	2.384	3.045
2.00	2.854	.082	293	2.693	3.014
5.00	2.946	.115	293	2.720	3.172
6.00	2.908	.119	293	2.675	3.142
7.00	3.037	.093	293	2.855	3.220
11.00	2.918	.134	293	2.654	3.181

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

					95% Confidence Interval for Difference[b]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	Lower Bound	Upper Bound
1.00	2.00	-.140	.187	293	1.000	-.691	.411
	5.00	-.232	.203	293	.988	-.832	.368
	6.00	-.194	.206	293	.998	-.801	.413
	7.00	-.323	.192	293	.769	-.889	.243
	11.00	-.203	.215	293	.998	-.837	.431
2.00	1.00	.140	.187	293	1.000	-.411	.691
	5.00	-.092	.141	293	1.000	-.508	.323
	6.00	-.054	.144	293	1.000	-.479	.371
	7.00	-.183	.123	293	.893	-.548	.181
	11.00	-.064	.157	293	1.000	-.527	.399
5.00	1.00	.232	.203	293	.988	-.368	.832
	2.00	.092	.141	293	1.000	-.323	.508
	6.00	.038	.165	293	1.000	-.449	.525
	7.00	-.091	.147	293	1.000	-.526	.344
	11.00	.028	.176	293	1.000	-.492	.549
6.00	1.00	.194	.206	293	.998	-.413	.801
	2.00	.054	.144	293	1.000	-.371	.479
	5.00	-.038	.165	293	1.000	-.525	.449
	7.00	-.129	.151	293	.999	-.574	.315
	11.00	-.010	.179	293	1.000	-.538	.519
7.00	1.00	.323	.192	293	.769	-.243	.889
	2.00	.183	.123	293	.893	-.181	.548
	5.00	.091	.147	293	1.000	-.344	.526
	6.00	.129	.151	293	.999	-.315	.574
	11.00	.120	.163	293	1.000	-.361	.600
11.00	1.00	.203	.215	293	.998	-.431	.837
	2.00	.064	.157	293	1.000	-.399	.527
	5.00	-.028	.176	293	1.000	-.549	.492
	6.00	.010	.179	293	1.000	-.519	.538
	7.00	-.120	.163	293	1.000	-.600	.361

Based on estimated marginal means

a. Dependent Variable: C_Resp_Mangm.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	.762	.578

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:00
Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_TL BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	842.090
Akaike's Information Criterion (AIC)	844.090
Hurvich and Tsai's Criterion (AICC)	844.104
Bozdogan's Criterion (CAIC)	848.770

Schwarz's Bayesian Criterion (BIC)	847.770

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293	2558.470	.000
a7	5	293	.671	.646

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.151515	.170486	293	18.485	.000	2.815982	3.487048
[a7=1.00]	-.234848	.273386	293	-.859	.391	-.772898	.303201
[a7=2.00]	.118148	.199606	293	.592	.554	-.274696	.510992
[a7=5.00]	.198485	.224456	293.000	.884	.377	-.243265	.640235
[a7=6.00]	.050866	.227822	293	.223	.823	-.397509	.499241
[a7=7.00]	.123847	.207284	293.000	.597	.551	-.284106	.531801
[a7=11.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.959164	.079245

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

a7

Estimates[a]

a7	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.917	.214	293	2.496	3.337
2.00	3.270	.104	293	3.065	3.474
5.00	3.350	.146	293	3.063	3.637
6.00	3.202	.151	293	2.905	3.500
7.00	3.275	.118	293	3.043	3.507
11.00	3.152	.170	293	2.816	3.487

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.353	.238	293	.893	-1.054	.348
	5.00	-.433	.259	293	.777	-1.197	.331
	6.00	-.286	.262	293	.992	-1.058	.487
	7.00	-.359	.244	293	.901	-1.079	.362
	11.00	-.235	.273	293	.999	-1.042	.572
2.00	1.00	.353	.238	293	.893	-.348	1.054
	5.00	-.080	.179	293	1.000	-.609	.448
	6.00	.067	.183	293	1.000	-.474	.608
	7.00	-.006	.157	293	1.000	-.469	.458
	11.00	.118	.200	293	1.000	-.471	.707

5.00	1.00	.433	.259	293	.777	-.331	1.197
	2.00	.080	.179	293	1.000	-.448	.609
	6.00	.148	.210	293	1.000	-.473	.768
	7.00	.075	.188	293	1.000	-.479	.629
	11.00	.198	.224	293.000	.999	-.464	.861
6.00	1.00	.286	.262	293	.992	-.487	1.058
	2.00	-.067	.183	293	1.000	-.608	.474
	5.00	-.148	.210	293	1.000	-.768	.473
	7.00	-.073	.192	293	1.000	-.639	.493
	11.00	.051	.228	293	1.000	-.622	.723
7.00	1.00	.359	.244	293	.901	-.362	1.079
	2.00	.006	.157	293	1.000	-.458	.469
	5.00	-.075	.188	293	1.000	-.629	.479
	6.00	.073	.192	293	1.000	-.493	.639
	11.00	.124	.207	293.000	1.000	-.488	.736
11.00	1.00	.235	.273	293	.999	-.572	1.042
	2.00	-.118	.200	293	1.000	-.707	.471
	5.00	-.198	.224	293.000	.999	-.861	.464
	6.00	-.051	.228	293	1.000	-.723	.622
	7.00	-.124	.207	293.000	1.000	-.736	.488

Based on estimated marginal means

a. Dependent Variable: C_Resp_TL.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	.671	.646

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
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  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:00
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TK BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	537.547
Akaike's Information Criterion (AIC)	539.547
Hurvich and Tsai's Criterion (AICC)	539.561
Bozdogan's Criterion (CAIC)	544.228
Schwarz's Bayesian Criterion (BIC)	543.228

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293	7387.645	.000

a7	5	293	4.923	.000

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.250000	.102963	293	31.565	.000	3.047359	3.452641
[a7=1.00]	-.035714	.163572	293	-.218	.827	-.357640	.286212
[a7=2.00]	-.283708	.120055	293	-2.363	.019	-.519987	-.047429
[a7=5.00]	.050000	.134686	293	.371	.711	-.215074	.315074
[a7=6.00]	.214286	.136670	293	1.568	.118	-.054694	.483265
[a7=7.00]	-.028571	.124289	293	-.230	.818	-.273184	.216041
[a7=11.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.339245	.028028

a. Dependent Variable: D_TK.

Estimated Marginal Means

a7

Estimates[a]

a7	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.214	.127	293	2.964	3.464

2.00	2.966	.062	293	2.845	3.088
5.00	3.300	.087	293	3.129	3.471
6.00	3.464	.090	293	3.287	3.641
7.00	3.221	.070	293	3.084	3.358
11.00	3.250	.103	293	3.047	3.453

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	.248	.141	293	.715	-.169	.665
	5.00	-.086	.154	293	1.000	-.540	.369
	6.00	-.250	.156	293	.824	-.710	.210
	7.00	-.007	.145	293	1.000	-.435	.421
	11.00	-.036	.164	293	1.000	-.519	.447
2.00	1.00	-.248	.141	293	.715	-.665	.169
	5.00	-.334*	.107	293	.028	-.648	-.019
	6.00	-.498*	.109	293	.000	-.820	-.176
	7.00	-.255	.093	293	.093	-.530	.020
	11.00	-.284	.120	293	.247	-.638	.071
5.00	1.00	.086	.154	293	1.000	-.369	.540
	2.00	.334*	.107	293	.028	.019	.648
	6.00	-.164	.125	293	.957	-.533	.205
	7.00	.079	.111	293	1.000	-.250	.407
	11.00	.050	.135	293	1.000	-.348	.448
6.00	1.00	.250	.156	293	.824	-.210	.710
	2.00	.498*	.109	293	.000	.176	.820
	5.00	.164	.125	293	.957	-.205	.533
	7.00	.243	.114	293	.400	-.093	.578
	11.00	.214	.137	293	.848	-.189	.618
7.00	1.00	.007	.145	293	1.000	-.421	.435
	2.00	.255	.093	293	.093	-.020	.530
	5.00	-.079	.111	293	1.000	-.407	.250
	6.00	-.243	.114	293	.400	-.578	.093
	11.00	-.029	.124	293	1.000	-.395	.338

11.00	1.00	.036	.164	293	1.000	-.447	.519
	2.00	.284	.120	293	.247	-.071	.638
	5.00	-.050	.135	293	1.000	-.448	.348
	6.00	-.214	.137	293	.848	-.618	.189
	7.00	.029	.124	293	1.000	-.338	.395

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: D_TK.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	4.923	.000

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:02:00
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TPACK BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1

Total	7	7

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	653.005
Akaike's Information Criterion (AIC)	655.005
Hurvich and Tsai's Criterion (AICC)	655.019
Bozdogan's Criterion (CAIC)	659.685
Schwarz's Bayesian Criterion (BIC)	658.685

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293.000	3521.946	.000
a7	5	293	.994	.421

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.865625	.125386	293	22.854	.000	2.618853	3.112397
[a7=1.00]	-.275149	.199195	293	-1.381	.168	-.667183	.116885
[a7=2.00]	-.143153	.146200	293	-.979	.328	-.430888	.144582
[a7=5.00]	-.152292	.164017	293	-.929	.354	-.475092	.170509
[a7=6.00]	-.034673	.166434	293	-.208	.835	-.362229	.292884

[a7=7.00]	-.262768	.151356	293	-1.736	.084	-.560651	.035116
[a7=11.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.503094	.041565

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

a7

Estimates[a]

				95% Confidence Interval	
a7	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	2.590	.155	293	2.286	2.895
2.00	2.722	.075	293.000	2.575	2.870
5.00	2.713	.106	293	2.505	2.921
6.00	2.831	.109	293	2.616	3.046
7.00	2.603	.085	293	2.436	2.770
11.00	2.866	.125	293	2.619	3.112

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

					95% Confidence Interval for Difference[b]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	Lower Bound	Upper Bound
1.00	2.00	-.132	.172	293	1.000	-.640	.376
	5.00	-.123	.187	293	1.000	-.676	.430
	6.00	-.240	.190	293	.968	-.800	.319
	7.00	-.012	.176	293	1.000	-.533	.509
	11.00	-.275	.199	293	.937	-.863	.313
2.00	1.00	.132	.172	293	1.000	-.376	.640
	5.00	.009	.130	293	1.000	-.374	.392
	6.00	-.108	.133	293	1.000	-.500	.283
	7.00	.120	.113	293	.994	-.215	.454
	11.00	-.143	.146	293	.997	-.575	.288
5.00	1.00	.123	.187	293	1.000	-.430	.676
	2.00	-.009	.130	293	1.000	-.392	.374
	6.00	-.118	.152	293	1.000	-.567	.332
	7.00	.110	.136	293	1.000	-.290	.511
	11.00	-.152	.164	293	.999	-.636	.332
6.00	1.00	.240	.190	293	.968	-.319	.800
	2.00	.108	.133	293	1.000	-.283	.500
	5.00	.118	.152	293	1.000	-.332	.567
	7.00	.228	.138	293	.796	-.181	.637
	11.00	-.035	.166	293	1.000	-.526	.457
7.00	1.00	.012	.176	293	1.000	-.509	.533
	2.00	-.120	.113	293	.994	-.454	.215
	5.00	-.110	.136	293	1.000	-.511	.290
	6.00	-.228	.138	293	.796	-.637	.181
	11.00	-.263	.151	293	.730	-.710	.184
11.00	1.00	.275	.199	293	.937	-.313	.863
	2.00	.143	.146	293	.997	-.288	.575
	5.00	.152	.164	293	.999	-.332	.636
	6.00	.035	.166	293	1.000	-.457	.526
	7.00	.263	.151	293	.730	-.184	.710

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	.994	.421

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:00
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_Cont_SPD BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	800.920
Akaike's Information Criterion (AIC)	802.920
Hurvich and Tsai's Criterion (AICC)	802.934
Bozdogan's Criterion (CAIC)	807.601

Schwarz's Bayesian Criterion (BIC)	806.601

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293.000	2978.264	.000
a7	5	293	1.578	.166

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.203125	.161388	293	19.847	.000	2.885498	3.520752
[a7=1.00]	-.286458	.256390	293	-1.117	.265	-.791057	.218140
[a7=2.00]	-.014923	.188178	293.000	-.079	.937	-.385275	.355430
[a7=5.00]	-.019792	.211111	293	-.094	.925	-.435278	.395695
[a7=6.00]	.171875	.214222	293	.802	.423	-.249733	.593483
[a7=7.00]	.254018	.194815	293	1.304	.193	-.129397	.637433
[a7=11.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.833478	.068861

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

a7

Estimates[a]

a7	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.917	.199	293	2.525	3.309
2.00	3.188	.097	293	2.998	3.379
5.00	3.183	.136	293	2.915	3.451
6.00	3.375	.141	293	3.098	3.652
7.00	3.457	.109	293	3.242	3.672
11.00	3.203	.161	293	2.885	3.521

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.272	.221	293	.976	-.925	.382
	5.00	-.267	.241	293	.991	-.979	.446
	6.00	-.458	.244	293	.613	-1.179	.262
	7.00	-.540	.227	293	.238	-1.211	.130
	11.00	-.286	.256	293	.990	-1.043	.470
2.00	1.00	.272	.221	293	.976	-.382	.925
	5.00	.005	.167	293	1.000	-.488	.498
	6.00	-.187	.171	293	.992	-.691	.318
	7.00	-.269	.146	293	.642	-.699	.162
	11.00	-.015	.188	293.000	1.000	-.570	.541

5.00	1.00	.267	.241	293	.991	-.446	.979
	2.00	-.005	.167	293	1.000	-.498	.488
	6.00	-.192	.196	293	.997	-.770	.387
	7.00	-.274	.174	293	.847	-.789	.241
	11.00	-.020	.211	293	1.000	-.643	.603
6.00	1.00	.458	.244	293	.613	-.262	1.179
	2.00	.187	.171	293	.992	-.318	.691
	5.00	.192	.196	293	.997	-.387	.770
	7.00	-.082	.178	293	1.000	-.608	.444
	11.00	.172	.214	293	1.000	-.460	.804
7.00	1.00	.540	.227	293	.238	-.130	1.211
	2.00	.269	.146	293	.642	-.162	.699
	5.00	.274	.174	293	.847	-.241	.789
	6.00	.082	.178	293	1.000	-.444	.608
	11.00	.254	.195	293	.960	-.321	.829
11.00	1.00	.286	.256	293	.990	-.470	1.043
	2.00	.015	.188	293.000	1.000	-.541	.570
	5.00	.020	.211	293	1.000	-.603	.643
	6.00	-.172	.214	293	1.000	-.804	.460
	7.00	-.254	.195	293	.960	-.829	.321

Based on estimated marginal means

a. Dependent Variable: E_Cont_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	1.578	.166

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:00
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_ICT_SPD BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	707.880
Akaike's Information Criterion (AIC)	709.880
Hurvich and Tsai's Criterion (AICC)	709.894
Bozdogan's Criterion (CAIC)	714.561
Schwarz's Bayesian Criterion (BIC)	713.561

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	293	2689.475	.000
a7	5	293	.279	.925

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.677083	.137695	293	19.442	.000	2.406086	2.948080
[a7=1.00]	-.097718	.218749	293	-.447	.655	-.528237	.332801
[a7=2.00]	-.044125	.160552	293	-.275	.784	-.360106	.271857
[a7=5.00]	-.173380	.180118	293	-.963	.337	-.527869	.181110
[a7=6.00]	-.058036	.182772	293	-.318	.751	-.417748	.301677
[a7=7.00]	-.022321	.166215	293	-.134	.893	-.349448	.304805
[a7=11.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.606718	.050127

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

a7

Estimates[a]

				95% Confidence Interval

a7	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	2.579	.170	293	2.245	2.914
2.00	2.633	.083	293	2.470	2.795
5.00	2.504	.116	293	2.275	2.732
6.00	2.619	.120	293	2.383	2.856
7.00	2.655	.093	293	2.472	2.838
11.00	2.677	.138	293	2.406	2.948

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.054	.189	293	1.000	-.611	.504
	5.00	.076	.206	293	1.000	-.532	.683
	6.00	-.040	.208	293	1.000	-.654	.575
	7.00	-.075	.194	293	1.000	-.647	.497
	11.00	-.098	.219	293	1.000	-.743	.548
2.00	1.00	.054	.189	293	1.000	-.504	.611
	5.00	.129	.142	293	.999	-.291	.550
	6.00	.014	.146	293	1.000	-.417	.444
	7.00	-.022	.124	293	1.000	-.389	.346
	11.00	-.044	.161	293	1.000	-.518	.430
5.00	1.00	-.076	.206	293	1.000	-.683	.532
	2.00	-.129	.142	293	.999	-.550	.291
	6.00	-.115	.167	293	1.000	-.609	.378
	7.00	-.151	.149	293	.996	-.590	.288
	11.00	-.173	.180	293	.998	-.705	.358
6.00	1.00	.040	.208	293	1.000	-.575	.654
	2.00	-.014	.146	293	1.000	-.444	.417
	5.00	.115	.167	293	1.000	-.378	.609
	7.00	-.036	.152	293	1.000	-.484	.413
	11.00	-.058	.183	293	1.000	-.598	.481
7.00	1.00	.075	.194	293	1.000	-.497	.647
	2.00	.022	.124	293	1.000	-.346	.389
	5.00	.151	.149	293	.996	-.288	.590

	6.00	.036	.152	293	1.000	-.413	.484
	11.00	-.022	.166	293	1.000	-.513	.468
11.00	1.00	.098	.219	293	1.000	-.548	.743
	2.00	.044	.161	293	1.000	-.430	.518
	5.00	.173	.180	293	.998	-.358	.705
	6.00	.058	.183	293	1.000	-.481	.598
	7.00	.022	.166	293	1.000	-.468	.513

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	.279	.925

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:02:00
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_Building_SPI BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1

Total	7	7

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	385.162
Akaike's Information Criterion (AIC)	387.162
Hurvich and Tsai's Criterion (AICC)	387.176
Bozdogan's Criterion (CAIC)	391.846
Schwarz's Bayesian Criterion (BIC)	390.846

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	12551.707	.000
a7	5	294	1.614	.156

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.242424	.078006	294	41.566	.000	3.088903	3.395945
[a7=1.00]	-.024737	.125088	294	-.198	.843	-.270919	.221444
[a7=2.00]	-.073885	.091330	294.000	-.809	.419	-.253628	.105858
[a7=5.00]	-.102742	.102700	294	-1.000	.318	-.304862	.099378
[a7=6.00]	.080705	.104240	294.000	.774	.439	-.124446	.285856

[a7=7.00]	.075943	.094623	294.000	.803	.423	-.110282	.262168
[a7=11.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.200803	.016562

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

a7

Estimates[a]

a7	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.218	.098	294	3.025	3.410
2.00	3.169	.047	294	3.075	3.262
5.00	3.140	.067	294	3.008	3.271
6.00	3.323	.069	294	3.187	3.459
7.00	3.318	.054	294	3.213	3.424
11.00	3.242	.078	294	3.089	3.396

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

					95% Confidence Interval for Difference[b]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	Lower Bound	Upper Bound
1.00	2.00	.049	.109	294	1.000	-.272	.370
	5.00	.078	.118	294	1.000	-.272	.428
	6.00	-.105	.120	294	.999	-.459	.248
	7.00	-.101	.111	294	.999	-.430	.228
	11.00	-.025	.125	294	1.000	-.394	.344
2.00	1.00	-.049	.109	294	1.000	-.370	.272
	5.00	.029	.082	294	1.000	-.213	.271
	6.00	-.155	.084	294	.643	-.402	.093
	7.00	-.150	.072	294	.434	-.361	.061
	11.00	-.074	.091	294.000	1.000	-.343	.196
5.00	1.00	-.078	.118	294	1.000	-.428	.272
	2.00	-.029	.082	294	1.000	-.271	.213
	6.00	-.183	.096	294	.588	-.467	.100
	7.00	-.179	.086	294	.439	-.431	.074
	11.00	-.103	.103	294	.997	-.406	.200
6.00	1.00	.105	.120	294	.999	-.248	.459
	2.00	.155	.084	294	.643	-.093	.402
	5.00	.183	.096	294	.588	-.100	.467
	7.00	.005	.087	294	1.000	-.253	.263
	11.00	.081	.104	294.000	1.000	-.227	.388
7.00	1.00	.101	.111	294	.999	-.228	.430
	2.00	.150	.072	294	.434	-.061	.361
	5.00	.179	.086	294	.439	-.074	.431
	6.00	-.005	.087	294	1.000	-.263	.253
	11.00	.076	.095	294.000	1.000	-.203	.355
11.00	1.00	.025	.125	294	1.000	-.344	.394
	2.00	.074	.091	294.000	1.000	-.196	.343
	5.00	.103	.103	294	.997	-.200	.406
	6.00	-.081	.104	294.000	1.000	-.388	.227
	7.00	-.076	.095	294.000	1.000	-.355	.203

Based on estimated marginal means

a. Dependent Variable: F_Building_SPI.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	294	1.614	.156

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:00
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_PD_Models BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	448.035
Akaike's Information Criterion (AIC)	450.035
Hurvich and Tsai's Criterion (AICC)	450.049
Bozdogan's Criterion (CAIC)	454.719

Schwarz's Bayesian Criterion (BIC)	453.719

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	10207.668	.000
a7	5	294	2.010	.077

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.106061	.086809	294	35.780	.000	2.935214	3.276907
[a7=1.00]	.108225	.139205	294	.777	.438	-.165739	.382189
[a7=2.00]	.084951	.101637	294	.836	.404	-.115077	.284979
[a7=5.00]	.143939	.114290	294	1.259	.209	-.080990	.368869
[a7=6.00]	.233225	.116004	294	2.010	.045	.004922	.461528
[a7=7.00]	.272511	.105302	294.000	2.588	.010	.065270	.479752
[a7=11.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.248683	.020511

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

a7

Estimates[a]

a7	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.214	.109	294	3.000	3.428
2.00	3.191	.053	294	3.087	3.295
5.00	3.250	.074	294	3.104	3.396
6.00	3.339	.077	294	3.188	3.491
7.00	3.379	.060	294	3.261	3.496
11.00	3.106	.087	294	2.935	3.277

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.023	.121	294	1.000	-.334	.380
	5.00	-.036	.132	294	1.000	-.425	.353
	6.00	-.125	.133	294	.998	-.518	.268
	7.00	-.164	.124	294	.955	-.531	.202
	11.00	.108	.139	294	1.000	-.303	.519
2.00	1.00	-.023	.121	294	1.000	-.380	.334
	5.00	-.059	.091	294	1.000	-.328	.210
	6.00	-.148	.093	294	.835	-.424	.127
	7.00	-.188	.080	294	.253	-.423	.048
	11.00	.085	.102	294	1.000	-.215	.385

5.00	1.00	.036	.132	294	1.000	-.353	.425
	2.00	.059	.091	294	1.000	-.210	.328
	6.00	-.089	.107	294	1.000	-.405	.227
	7.00	-.129	.095	294	.947	-.410	.153
	11.00	.144	.114	294	.970	-.193	.481
6.00	1.00	.125	.133	294	.998	-.268	.518
	2.00	.148	.093	294	.835	-.127	.424
	5.00	.089	.107	294	1.000	-.227	.405
	7.00	-.039	.097	294	1.000	-.327	.248
	11.00	.233	.116	294	.501	-.109	.576
7.00	1.00	.164	.124	294	.955	-.202	.531
	2.00	.188	.080	294	.253	-.048	.423
	5.00	.129	.095	294	.947	-.153	.410
	6.00	.039	.097	294	1.000	-.248	.327
	11.00	.273	.105	294.000	.142	-.038	.583
11.00	1.00	-.108	.139	294	1.000	-.519	.303
	2.00	-.085	.102	294	1.000	-.385	.215
	5.00	-.144	.114	294	.970	-.481	.193
	6.00	-.233	.116	294	.501	-.576	.109
	7.00	-.273	.105	294.000	.142	-.583	.038

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	294	2.010	.077

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY a7
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=a7 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:00
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_ODL_SPD BY a7 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a7 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a7) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a7	6	5
Residual			1
Total		7	7

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	504.517
Akaike's Information Criterion (AIC)	506.517
Hurvich and Tsai's Criterion (AICC)	506.531
Bozdogan's Criterion (CAIC)	511.201
Schwarz's Bayesian Criterion (BIC)	510.201

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	294.000	8189.121	.000
a7	5	294	.847	.517

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.162879	.095562	294.000	33.098	.000	2.974807	3.350950
[a7=1.00]	.099026	.153240	294	.646	.519	-.202560	.400612
[a7=2.00]	-.037879	.111884	294	-.339	.735	-.258074	.182317
[a7=5.00]	.020455	.125813	294	.163	.871	-.227153	.268062
[a7=6.00]	.015693	.127700	294	.123	.902	-.235629	.267014
[a7=7.00]	.131764	.115919	294	1.137	.257	-.096371	.359900
[a7=11.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.301357	.024856

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

a7

Estimates[a]

				95% Confidence Interval

a7	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	3.262	.120	294	3.026	3.498
2.00	3.125	.058	294	3.010	3.240
5.00	3.183	.082	294	3.022	3.344
6.00	3.179	.085	294	3.012	3.345
7.00	3.295	.066	294	3.166	3.424
11.00	3.163	.096	294.000	2.975	3.351

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) a7		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.137	.133	294	.996	-.256	.530
	5.00	.079	.145	294	1.000	-.350	.507
	6.00	.083	.147	294	1.000	-.350	.516
	7.00	-.033	.137	294	1.000	-.436	.370
	11.00	.099	.153	294	1.000	-.353	.551
2.00	1.00	-.137	.133	294	.996	-.530	.256
	5.00	-.058	.100	294	1.000	-.355	.238
	6.00	-.054	.103	294	1.000	-.357	.250
	7.00	-.170	.088	294	.565	-.429	.089
	11.00	-.038	.112	294	1.000	-.368	.292
5.00	1.00	-.079	.145	294	1.000	-.507	.350
	2.00	.058	.100	294	1.000	-.238	.355
	6.00	.005	.118	294	1.000	-.343	.352
	7.00	-.111	.105	294	.994	-.421	.198
	11.00	.020	.126	294	1.000	-.351	.392
6.00	1.00	-.083	.147	294	1.000	-.516	.350
	2.00	.054	.103	294	1.000	-.250	.357
	5.00	-.005	.118	294	1.000	-.352	.343
	7.00	-.116	.107	294	.993	-.432	.200
	11.00	.016	.128	294	1.000	-.361	.393
7.00	1.00	.033	.137	294	1.000	-.370	.436
	2.00	.170	.088	294	.565	-.089	.429
	5.00	.111	.105	294	.994	-.198	.421

	6.00	.116	.107	294	.993	-.200	.432
	11.00	.132	.116	294	.988	-.210	.474
11.00	1.00	-.099	.153	294	1.000	-.551	.353
	2.00	.038	.112	294	1.000	-.292	.368
	5.00	-.020	.126	294	1.000	-.392	.351
	6.00	-.016	.128	294	1.000	-.393	.361
	7.00	-.132	.116	294	.988	-.474	.210

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	294	.847	.517

The F tests the effect of a7. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
MIXED C_Pol_Iniciatives BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Pol_Iniciatives BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	804.073
Akaike's Information Criterion (AIC)	806.073
Hurvich and Tsai's Criterion (AICC)	806.087
Bozdogan's Criterion (CAIC)	810.767
Schwarz's Bayesian Criterion (BIC)	809.767

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	2108.707	.000
a8	1	297	3.376	.067

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.468750	.133094	297	26.062	.000	3.206823	3.730677
[a8=4.00]	-.266891	.145264	297	-1.837	.067	-.552768	.018986
[a8=16.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.850273	.069774

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.202	.058	297.000	3.087	3.316
16.00	3.469	.133	297	3.207	3.731

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.267	.145	297	.067	-.553	.019
16.00	4.00	.267	.145	297	.067	-.019	.553

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.

1	297	3.376	.067

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_DOE BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	962.152
Akaike's Information Criterion (AIC)	964.152
Hurvich and Tsai's Criterion (AICC)	964.166
Bozdogan's Criterion (CAIC)	968.846

Schwarz's Bayesian Criterion (BIC)	967.846

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	1233.652	.000
a8	1	297	1.230	.268

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.434028	.173674	297	19.773	.000	3.092240	3.775816
[a8=4.00]	-.210256	.189555	297	-1.109	.268	-.583297	.162784
[a8=16.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.447813	.118809

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.224	.076	297.000	3.074	3.373
16.00	3.434	.174	297	3.092	3.776

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.210	.190	297	.268	-.583	.163
16.00	4.00	.210	.190	297	.268	-.163	.583

Based on estimated marginal means

a. Dependent Variable: C_Resp_DOE.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	1.230	.268

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	694.333
Akaike's Information Criterion (AIC)	696.333
Hurvich and Tsai's Criterion (AICC)	696.347
Bozdogan's Criterion (CAIC)	701.027
Schwarz's Bayesian Criterion (BIC)	700.027

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	297	2425.083	.000
a8	1	297	2.034	.155

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.059524	.110643	297	27.652	.000	2.841780	3.277267
[a8=4.00]	-.172216	.120760	297	-1.426	.155	-.409869	.065437
[a8=16.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.587609	.048220

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	2.887	.048	297	2.792	2.983
16.00	3.060	.111	297	2.842	3.277

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.172	.121	297	.155	-.410	.065
16.00	4.00	.172	.121	297	.155	-.065	.410

Based on estimated marginal means

a. Dependent Variable: C_Resp_Mangm.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	2.034	.155

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:02:35
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_TL BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1

Total	3	3

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	838.519
Akaike's Information Criterion (AIC)	840.519
Hurvich and Tsai's Criterion (AICC)	840.533
Bozdogan's Criterion (CAIC)	845.213
Schwarz's Bayesian Criterion (BIC)	844.213

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297.000	1815.418	.000
a8	1	297	.698	.404

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.343750	.141040	297	23.708	.000	3.066185	3.621315
[a8=4.00]	-.128611	.153937	297	-.835	.404	-.431555	.174334
[a8=16.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.954834	.078355

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.215	.062	297.000	3.094	3.337
16.00	3.344	.141	297	3.066	3.621

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.129	.154	297	.404	-.432	.174
16.00	4.00	.129	.154	297	.404	-.174	.432

Based on estimated marginal means

a. Dependent Variable: C_Resp_TL.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	.698	.404

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TK BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	550.616
Akaike's Information Criterion (AIC)	552.616
Hurvich and Tsai's Criterion (AICC)	552.630
Bozdogan's Criterion (CAIC)	557.310

Schwarz's Bayesian Criterion (BIC)	556.310

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	4399.572	.000
a8	1	297	.477	.490

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.138298	.087787	297	35.749	.000	2.965534	3.311062
[a8=4.00]	.066067	.095624	297	.691	.490	-.122119	.254253
[a8=16.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.362210	.029723

a. Dependent Variable: D_TK.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.204	.038	297	3.130	3.279
16.00	3.138	.088	297	2.966	3.311

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	.066	.096	297	.490	-.122	.254
16.00	4.00	-.066	.096	297	.490	-.254	.122

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	.477	.490

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
```

```
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TPACK BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02

Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	645.597
Akaike's Information Criterion (AIC)	647.597
Hurvich and Tsai's Criterion (AICC)	647.610
Bozdogan's Criterion (CAIC)	652.290
Schwarz's Bayesian Criterion (BIC)	651.290

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	2468.325	.000

a8	1	297	3.592	.059

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.893617	.103009	297	28.091	.000	2.690897	3.096337
[a8=4.00]	-.212665	.112204	297	-1.895	.059	-.433481	.008152
[a8=16.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.498709	.040925

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	2.681	.044	297	2.593	2.769
16.00	2.894	.103	297	2.691	3.096

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.213	.112	297	.059	-.433	.008
16.00	4.00	.213	.112	297	.059	-.008	.433

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	3.592	.059

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:02:35
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_Cont_SPD BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1

Total	3	3

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	799.391
Akaike's Information Criterion (AIC)	801.391
Hurvich and Tsai's Criterion (AICC)	801.405
Bozdogan's Criterion (CAIC)	806.085
Schwarz's Bayesian Criterion (BIC)	805.085

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	2111.545	.000
a8	1	297	2.619	.107

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.457447	.133450	297	25.908	.000	3.194819	3.720075
[a8=4.00]	-.235225	.145363	297	-1.618	.107	-.521297	.050848
[a8=16.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.837022	.068687

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.222	.058	297	3.109	3.336
16.00	3.457	.133	297	3.195	3.720

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.235	.145	297	.107	-.521	.051
16.00	4.00	.235	.145	297	.107	-.051	.521

Based on estimated marginal means

a. Dependent Variable: E_Cont_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	2.619	.107

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_ICT_SPD BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	698.954
Akaike's Information Criterion (AIC)	700.954
Hurvich and Tsai's Criterion (AICC)	700.968
Bozdogan's Criterion (CAIC)	705.648

Schwarz's Bayesian Criterion (BIC)	704.648

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	1907.909	.000
a8	1	297	2.257	.134

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.773050	.112690	297	24.608	.000	2.551277	2.994822
[a8=4.00]	-.184425	.122750	297	-1.502	.134	-.425995	.057145
[a8=16.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.596857	.048979

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	2.589	.049	297	2.493	2.684
16.00	2.773	.113	297	2.551	2.995

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	-.184	.123	297	.134	-.426	.057
16.00	4.00	.184	.123	297	.134	-.057	.426

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	2.257	.134

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_Building_SPI BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	379.386
Akaike's Information Criterion (AIC)	381.386
Hurvich and Tsai's Criterion (AICC)	381.399
Bozdogan's Criterion (CAIC)	386.083
Schwarz's Bayesian Criterion (BIC)	385.083

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	298	8173.219	.000
a8	1	298	1.331	.250

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.163690	.064975	298	48.691	.000	3.035823	3.291558
[a8=4.00]	.081774	.070893	298	1.153	.250	-.057740	.221289
[a8=16.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.202642	.016601

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.245	.028	298	3.190	3.301
16.00	3.164	.065	298	3.036	3.292

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	.082	.071	298	.250	-.058	.221
16.00	4.00	-.082	.071	298	.250	-.221	.058

Based on estimated marginal means

a. Dependent Variable: F_Building_SPI.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	1.331	.250

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:02:35
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_PD_Models BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1

Total	3	3

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	444.762
Akaike's Information Criterion (AIC)	446.762
Hurvich and Tsai's Criterion (AICC)	446.776
Bozdogan's Criterion (CAIC)	451.460
Schwarz's Bayesian Criterion (BIC)	450.460

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	6636.186	.000
a8	1	298	1.628	.203

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.171875	.072507	298.000	43.746	.000	3.029184	3.314566
[a8=4.00]	.100942	.079112	298	1.276	.203	-.054747	.256632
[a8=16.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.252352	.020673

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.273	.032	298	3.211	3.335
16.00	3.172	.073	298.000	3.029	3.315

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	.101	.079	298	.203	-.055	.257
16.00	4.00	-.101	.079	298	.203	-.257	.055

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	1.628	.203

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY a8
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a8 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_ODL_SPD BY a8 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a8 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a8) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a8	2	1
Residual			1
Total		3	3

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	497.843
Akaike's Information Criterion (AIC)	499.843
Hurvich and Tsai's Criterion (AICC)	499.857
Bozdogan's Criterion (CAIC)	504.540

Schwarz's Bayesian Criterion (BIC)	503.540

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	5437.559	.000
a8	1	298	.042	.838

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.179688	.079261	298	40.116	.000	3.023705	3.335670
[a8=4.00]	.017733	.086481	298	.205	.838	-.152458	.187924
[a8=16.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.301553	.024704

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

a8

Estimates[a]

a8	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
4.00	3.197	.035	298	3.129	3.265
16.00	3.180	.079	298	3.024	3.336

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) a8		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
4.00	16.00	.018	.086	298	.838	-.152	.188
16.00	4.00	-.018	.086	298	.838	-.188	.152

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.042	.838

The F tests the effect of a8. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
MIXED C_Pol_Iniciatives BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
```

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/METHOD=REML
/PRINT=SOLUTION
/EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:56
Comments		
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Pol_Iniciatives BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03

Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	813.164
Akaike's Information Criterion (AIC)	815.164
Hurvich and Tsai's Criterion (AICC)	815.178
Bozdogan's Criterion (CAIC)	819.838
Schwarz's Bayesian Criterion (BIC)	818.838

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	1961.106	.000

b1	7	291	.273	.964

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.250000	.144085	291	22.556	.000	2.966420	3.533580
[b1=1.00]	.141667	.206298	291.000	.687	.493	-.264359	.547692
[b1=2.00]	-.108696	.199288	291	-.545	.586	-.500924	.283532
[b1=3.00]	.044118	.268423	291	.164	.870	-.484179	.572414
[b1=4.00]	.023810	.227818	291.000	.105	.917	-.424570	.472189
[b1=5.00]	-.007353	.183257	291	-.040	.968	-.368030	.353324
[b1=6.00]	-.067610	.192904	291.000	-.350	.726	-.447275	.312054
[b1=7.00]	.083333	.441756	291	.189	.851	-.786108	.952774
[b1=8.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.871938	.072286

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.392	.148	291	3.101	3.682
2.00	3.141	.138	291	2.870	3.412
3.00	3.294	.226	291	2.848	3.740
4.00	3.274	.176	291	2.926	3.621
5.00	3.243	.113	291	3.020	3.466
6.00	3.182	.128	291	2.930	3.435
7.00	3.333	.418	291	2.511	4.155
8.00	3.250	.144	291	2.966	3.534

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.250	.202	291	.999	-.385	.885
	3.00	.098	.270	291	1.000	-.753	.948
	4.00	.118	.230	291	1.000	-.606	.842
	5.00	.149	.186	291	1.000	-.436	.734
	6.00	.209	.196	291	1.000	-.406	.824
	7.00	.058	.443	291	1.000	-1.335	1.452
	8.00	.142	.206	291.000	1.000	-.507	.791
2.00	1.00	-.250	.202	291	.999	-.885	.385
	3.00	-.153	.265	291	1.000	-.986	.681
	4.00	-.133	.224	291	1.000	-.837	.572
	5.00	-.101	.178	291	1.000	-.662	.459
	6.00	-.041	.188	291	1.000	-.633	.551
	7.00	-.192	.440	291	1.000	-1.575	1.191
	8.00	-.109	.199	291	1.000	-.736	.518
3.00	1.00	-.098	.270	291	1.000	-.948	.753
	2.00	.153	.265	291	1.000	-.681	.986
	4.00	.020	.287	291	1.000	-.883	.923
	5.00	.051	.253	291	1.000	-.745	.848
	6.00	.112	.260	291	1.000	-.707	.930
	7.00	-.039	.475	291	1.000	-1.533	1.455

	8.00	.044	.268	291	1.000	-.800	.888
4.00	1.00	-.118	.230	291	1.000	-.842	.606
	2.00	.133	.224	291	1.000	-.572	.837
	3.00	-.020	.287	291	1.000	-.923	.883
	5.00	.031	.210	291	1.000	-.628	.691
	6.00	.091	.218	291	1.000	-.595	.778
	7.00	-.060	.453	291	1.000	-1.486	1.366
	8.00	.024	.228	291.000	1.000	-.693	.740
5.00	1.00	-.149	.186	291	1.000	-.734	.436
	2.00	.101	.178	291	1.000	-.459	.662
	3.00	-.051	.253	291	1.000	-.848	.745
	4.00	-.031	.210	291	1.000	-.691	.628
	6.00	.060	.171	291	1.000	-.478	.598
	7.00	-.091	.433	291	1.000	-1.452	1.270
	8.00	-.007	.183	291	1.000	-.584	.569
6.00	1.00	-.209	.196	291	1.000	-.824	.406
	2.00	.041	.188	291	1.000	-.551	.633
	3.00	-.112	.260	291	1.000	-.930	.707
	4.00	-.091	.218	291	1.000	-.778	.595
	5.00	-.060	.171	291	1.000	-.598	.478
	7.00	-.151	.437	291	1.000	-1.525	1.223
	8.00	-.068	.193	291.000	1.000	-.674	.539
7.00	1.00	-.058	.443	291	1.000	-1.452	1.335
	2.00	.192	.440	291	1.000	-1.191	1.575
	3.00	.039	.475	291	1.000	-1.455	1.533
	4.00	.060	.453	291	1.000	-1.366	1.486
	5.00	.091	.433	291	1.000	-1.270	1.452
	6.00	.151	.437	291	1.000	-1.223	1.525
	8.00	.083	.442	291	1.000	-1.306	1.473
8.00	1.00	-.142	.206	291.000	1.000	-.791	.507
	2.00	.109	.199	291	1.000	-.518	.736
	3.00	-.044	.268	291	1.000	-.888	.800
	4.00	-.024	.228	291.000	1.000	-.740	.693
	5.00	.007	.183	291	1.000	-.569	.584
	6.00	.068	.193	291.000	1.000	-.539	.674
	7.00	-.083	.442	291	1.000	-1.473	1.306

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	.273	.964

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:56
Comments		
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	N of Rows in Working Data File	302

Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_DOE BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	964.394
Akaike's Information Criterion (AIC)	966.394

Hurvich and Tsai's Criterion (AICC)	966.408
Bozdogan's Criterion (CAIC)	971.067
Schwarz's Bayesian Criterion (BIC)	970.067

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	1130.501	.000
b1	7	291	.500	.835

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.075397	.186839	291.000	16.460	.000	2.707670	3.443124
[b1=1.00]	.391270	.267512	291	1.463	.145	-.135235	.917774
[b1=2.00]	.290545	.258422	291	1.124	.262	-.218068	.799158
[b1=3.00]	.208917	.348072	291	.600	.549	-.476140	.893974
[b1=4.00]	.168651	.295418	291	.571	.569	-.412776	.750078
[b1=5.00]	.110878	.237634	291	.467	.641	-.356822	.578577
[b1=6.00]	.207622	.250144	291	.830	.407	-.284700	.699944
[b1=7.00]	-.275397	.572837	291	-.481	.631	-1.402826	.852032
[b1=8.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.466167	.121549

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.467	.191	291	3.090	3.843
2.00	3.366	.179	291	3.015	3.717
3.00	3.284	.294	291	2.706	3.862
4.00	3.244	.229	291	2.794	3.694
5.00	3.186	.147	291	2.897	3.475
6.00	3.283	.166	291	2.956	3.610
7.00	2.800	.542	291	1.734	3.866
8.00	3.075	.187	291.000	2.708	3.443

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.101	.262	291	1.000	-.723	.924
	3.00	.182	.351	291	1.000	-.920	1.285
	4.00	.223	.298	291	1.000	-.716	1.161

	5.00	.280	.241	291	1.000	-.479	1.039
	6.00	.184	.254	291	1.000	-.614	.981
	7.00	.667	.574	291	1.000	-1.140	2.473
	8.00	.391	.268	291	.987	-.450	1.233
2.00	1.00	-.101	.262	291	1.000	-.924	.723
	3.00	.082	.344	291	1.000	-.999	1.163
	4.00	.122	.290	291	1.000	-.791	1.035
	5.00	.180	.231	291	1.000	-.547	.907
	6.00	.083	.244	291	1.000	-.685	.850
	7.00	.566	.570	291	1.000	-1.228	2.359
	8.00	.291	.258	291	1.000	-.522	1.103
3.00	1.00	-.182	.351	291	1.000	-1.285	.920
	2.00	-.082	.344	291	1.000	-1.163	.999
	4.00	.040	.372	291	1.000	-1.131	1.211
	5.00	.098	.328	291	1.000	-.935	1.131
	6.00	.001	.338	291	1.000	-1.060	1.063
	7.00	.484	.616	291	1.000	-1.453	2.422
	8.00	.209	.348	291	1.000	-.886	1.304
4.00	1.00	-.223	.298	291	1.000	-1.161	.716
	2.00	-.122	.290	291	1.000	-1.035	.791
	3.00	-.040	.372	291	1.000	-1.211	1.131
	5.00	.058	.272	291	1.000	-.797	.913
	6.00	-.039	.283	291	1.000	-.929	.851
	7.00	.444	.588	291	1.000	-1.405	2.293
	8.00	.169	.295	291	1.000	-.761	1.098
5.00	1.00	-.280	.241	291	1.000	-1.039	.479
	2.00	-.180	.231	291	1.000	-.907	.547
	3.00	-.098	.328	291	1.000	-1.131	.935
	4.00	-.058	.272	291	1.000	-.913	.797
	6.00	-.097	.222	291	1.000	-.795	.601
	7.00	.386	.561	291	1.000	-1.379	2.151
	8.00	.111	.238	291	1.000	-.637	.858
6.00	1.00	-.184	.254	291	1.000	-.981	.614
	2.00	-.083	.244	291	1.000	-.850	.685
	3.00	-.001	.338	291	1.000	-1.063	1.060
	4.00	.039	.283	291	1.000	-.851	.929

	5.00	.097	.222	291	1.000	-.601	.795
	7.00	.483	.566	291	1.000	-1.299	2.265
	8.00	.208	.250	291	1.000	-.579	.994
7.00	1.00	-.667	.574	291	1.000	-2.473	1.140
	2.00	-.566	.570	291	1.000	-2.359	1.228
	3.00	-.484	.616	291	1.000	-2.422	1.453
	4.00	-.444	.588	291	1.000	-2.293	1.405
	5.00	-.386	.561	291	1.000	-2.151	1.379
	6.00	-.483	.566	291	1.000	-2.265	1.299
	8.00	-.275	.573	291	1.000	-2.077	1.526
8.00	1.00	-.391	.268	291	.987	-1.233	.450
	2.00	-.291	.258	291	1.000	-1.103	.522
	3.00	-.209	.348	291	1.000	-1.304	.886
	4.00	-.169	.295	291	1.000	-1.098	.761
	5.00	-.111	.238	291	1.000	-.858	.637
	6.00	-.208	.250	291	1.000	-.994	.579
	7.00	.275	.573	291	1.000	-1.526	2.077

Based on estimated marginal means

a. Dependent Variable: C_Resp_DOE.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	.500	.835

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
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/EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:56
Comments		
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	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	699.424
Akaike's Information Criterion (AIC)	701.424
Hurvich and Tsai's Criterion (AICC)	701.438
Bozdogan's Criterion (CAIC)	706.097
Schwarz's Bayesian Criterion (BIC)	705.097

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	2300.150	.000
b1	7	291	.986	.442

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.057823	.118507	291	25.803	.000	2.824584	3.291063
[b1=1.00]	-.354252	.169676	291	-2.088	.038	-.688200	-.020304
[b1=2.00]	-.247264	.163910	291	-1.509	.133	-.569864	.075336
[b1=3.00]	-.133453	.220773	291	-.604	.546	-.567967	.301060
[b1=4.00]	-.226190	.187376	291	-1.207	.228	-.594974	.142593
[b1=5.00]	-.074630	.150725	291	-.495	.621	-.371280	.222020
[b1=6.00]	-.055128	.158660	291	-.347	.728	-.367395	.257139
[b1=7.00]	-.114966	.363336	291	-.316	.752	-.830065	.600133
[b1=8.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.589844	.048900

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound

1.00	2.704	.121	291	2.465	2.943
2.00	2.811	.113	291	2.588	3.033
3.00	2.924	.186	291	2.558	3.291
4.00	2.832	.145	291	2.546	3.117
5.00	2.983	.093	291	2.800	3.166
6.00	3.003	.105	291	2.795	3.210
7.00	2.943	.343	291	2.267	3.619
8.00	3.058	.119	291	2.825	3.291

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.107	.166	291	1.000	-.629	.415
	3.00	-.221	.222	291	1.000	-.920	.479
	4.00	-.128	.189	291	1.000	-.723	.467
	5.00	-.280	.153	291	.864	-.761	.202
	6.00	-.299	.161	291	.843	-.805	.207
	7.00	-.239	.364	291	1.000	-1.385	.907
	8.00	-.354	.170	291	.659	-.888	.179
2.00	1.00	.107	.166	291	1.000	-.415	.629
	3.00	-.114	.218	291	1.000	-.799	.572
	4.00	-.021	.184	291	1.000	-.600	.558
	5.00	-.173	.147	291	1.000	-.634	.289
	6.00	-.192	.155	291	.999	-.679	.295
	7.00	-.132	.362	291	1.000	-1.270	1.005
	8.00	-.247	.164	291	.981	-.763	.268
3.00	1.00	.221	.222	291	1.000	-.479	.920
	2.00	.114	.218	291	1.000	-.572	.799
	4.00	.093	.236	291	1.000	-.650	.835
	5.00	-.059	.208	291	1.000	-.714	.596
	6.00	-.078	.214	291	1.000	-.752	.595
	7.00	-.018	.391	291	1.000	-1.247	1.210
	8.00	-.133	.221	291	1.000	-.828	.561
4.00	1.00	.128	.189	291	1.000	-.467	.723

	2.00	.021	.184	291	1.000	-.558	.600
	3.00	-.093	.236	291	1.000	-.835	.650
	5.00	-.152	.172	291	1.000	-.694	.391
	6.00	-.171	.179	291	1.000	-.735	.393
	7.00	-.111	.373	291	1.000	-1.284	1.062
	8.00	-.226	.187	291	.999	-.816	.363
5.00	1.00	.280	.153	291	.864	-.202	.761
	2.00	.173	.147	291	1.000	-.289	.634
	3.00	.059	.208	291	1.000	-.596	.714
	4.00	.152	.172	291	1.000	-.391	.694
	6.00	-.020	.141	291	1.000	-.462	.423
	7.00	.040	.356	291	1.000	-1.079	1.160
	8.00	-.075	.151	291	1.000	-.549	.399
6.00	1.00	.299	.161	291	.843	-.207	.805
	2.00	.192	.155	291	.999	-.295	.679
	3.00	.078	.214	291	1.000	-.595	.752
	4.00	.171	.179	291	1.000	-.393	.735
	5.00	.020	.141	291	1.000	-.423	.462
	7.00	.060	.359	291	1.000	-1.070	1.190
	8.00	-.055	.159	291	1.000	-.554	.444
7.00	1.00	.239	.364	291	1.000	-.907	1.385
	2.00	.132	.362	291	1.000	-1.005	1.270
	3.00	.018	.391	291	1.000	-1.210	1.247
	4.00	.111	.373	291	1.000	-1.062	1.284
	5.00	-.040	.356	291	1.000	-1.160	1.079
	6.00	-.060	.359	291	1.000	-1.190	1.070
	8.00	-.115	.363	291	1.000	-1.258	1.028
8.00	1.00	.354	.170	291	.659	-.179	.888
	2.00	.247	.164	291	.981	-.268	.763
	3.00	.133	.221	291	1.000	-.561	.828
	4.00	.226	.187	291	.999	-.363	.816
	5.00	.075	.151	291	1.000	-.399	.549
	6.00	.055	.159	291	1.000	-.444	.554
	7.00	.115	.363	291	1.000	-1.028	1.258

Based on estimated marginal means

a. Dependent Variable: C_Resp_Mangm.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	.986	.442

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_TL BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	839.124
Akaike's Information Criterion (AIC)	841.124
Hurvich and Tsai's Criterion (AICC)	841.138

Bozdogan's Criterion (CAIC)	845.797
Schwarz's Bayesian Criterion (BIC)	844.797

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	1772.946	.000
b1	7	291	1.025	.413

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.559524	.150657	291	23.627	.000	3.263008	3.856039
[b1=1.00]	-.459524	.215708	291	-2.130	.034	-.884069	-.034978
[b1=2.00]	-.483437	.208378	291	-2.320	.021	-.893556	-.073318
[b1=3.00]	-.265406	.280667	291	-.946	.345	-.817800	.286988
[b1=4.00]	-.380952	.238210	291	-1.599	.111	-.849785	.087880
[b1=5.00]	-.280112	.191616	291	-1.462	.145	-.657241	.097016
[b1=6.00]	-.389712	.201703	291	-1.932	.054	-.786695	.007270
[b1=7.00]	-.259524	.461906	291	-.562	.575	-1.168623	.649576
[b1=8.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.953297	.079031

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.100	.154	291	2.796	3.404
2.00	3.076	.144	291	2.793	3.359
3.00	3.294	.237	291	2.828	3.760
4.00	3.179	.185	291	2.815	3.542
5.00	3.279	.118	291.000	3.046	3.512
6.00	3.170	.134	291	2.906	3.434
7.00	3.300	.437	291	2.441	4.159
8.00	3.560	.151	291	3.263	3.856

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.024	.211	291	1.000	-.640	.688
	3.00	-.194	.283	291	1.000	-1.083	.695
	4.00	-.079	.241	291	1.000	-.835	.678
	5.00	-.179	.195	291	1.000	-.791	.433

	6.00	-.070	.204	291	1.000	-.713	.573
	7.00	-.200	.463	291	1.000	-1.657	1.257
	8.00	-.460	.216	291	.620	-1.138	.219
2.00	1.00	-.024	.211	291	1.000	-.688	.640
	3.00	-.218	.277	291	1.000	-1.090	.654
	4.00	-.102	.234	291	1.000	-.839	.634
	5.00	-.203	.186	291	1.000	-.790	.383
	6.00	-.094	.197	291	1.000	-.713	.525
	7.00	-.224	.460	291	1.000	-1.670	1.222
	8.00	-.483	.208	291	.449	-1.139	.172
3.00	1.00	.194	.283	291	1.000	-.695	1.083
	2.00	.218	.277	291	1.000	-.654	1.090
	4.00	.116	.300	291	1.000	-.829	1.060
	5.00	.015	.265	291	1.000	-.818	.847
	6.00	.124	.272	291	1.000	-.732	.980
	7.00	-.006	.497	291	1.000	-1.568	1.557
	8.00	-.265	.281	291	1.000	-1.148	.617
4.00	1.00	.079	.241	291	1.000	-.678	.835
	2.00	.102	.234	291	1.000	-.634	.839
	3.00	-.116	.300	291	1.000	-1.060	.829
	5.00	-.101	.219	291	1.000	-.790	.589
	6.00	.009	.228	291	1.000	-.709	.726
	7.00	-.121	.474	291	1.000	-1.612	1.370
	8.00	-.381	.238	291	.963	-1.130	.368
5.00	1.00	.179	.195	291	1.000	-.433	.791
	2.00	.203	.186	291	1.000	-.383	.790
	3.00	-.015	.265	291	1.000	-.847	.818
	4.00	.101	.219	291	1.000	-.589	.790
	6.00	.110	.179	291	1.000	-.453	.672
	7.00	-.021	.452	291	1.000	-1.444	1.402
	8.00	-.280	.192	291	.987	-.883	.323
6.00	1.00	.070	.204	291	1.000	-.573	.713
	2.00	.094	.197	291	1.000	-.525	.713
	3.00	-.124	.272	291	1.000	-.980	.732
	4.00	-.009	.228	291	1.000	-.726	.709
	5.00	-.110	.179	291	1.000	-.672	.453

	7.00	-.130	.457	291	1.000	-1.567	1.307
	8.00	-.390	.202	291	.791	-1.024	.245
7.00	1.00	.200	.463	291	1.000	-1.257	1.657
	2.00	.224	.460	291	1.000	-1.222	1.670
	3.00	.006	.497	291	1.000	-1.557	1.568
	4.00	.121	.474	291	1.000	-1.370	1.612
	5.00	.021	.452	291	1.000	-1.402	1.444
	6.00	.130	.457	291	1.000	-1.307	1.567
	8.00	-.260	.462	291	1.000	-1.712	1.193
8.00	1.00	.460	.216	291	.620	-.219	1.138
	2.00	.483	.208	291	.449	-.172	1.139
	3.00	.265	.281	291	1.000	-.617	1.148
	4.00	.381	.238	291	.963	-.368	1.130
	5.00	.280	.192	291	.987	-.323	.883
	6.00	.390	.202	291	.791	-.245	1.024
	7.00	.260	.462	291	1.000	-1.193	1.712

Based on estimated marginal means

a. Dependent Variable: C_Resp_TL.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	1.025	.413

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:56
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TK BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	551.812
Akaike's Information Criterion (AIC)	553.812
Hurvich and Tsai's Criterion (AICC)	553.826
Bozdogan's Criterion (CAIC)	558.485
Schwarz's Bayesian Criterion (BIC)	557.485

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	4489.198	.000
b1	7	291	1.768	.093

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.380952	.091958	291.000	36.766	.000	3.199964	3.561940
[b1=1.00]	-.168452	.131664	291	-1.279	.202	-.427588	.090683
[b1=2.00]	-.196170	.127190	291	-1.542	.124	-.446499	.054160
[b1=3.00]	-.322129	.171314	291	-1.880	.061	-.659301	.015043
[b1=4.00]	-.452381	.145399	291.000	-3.111	.002	-.738548	-.166214
[b1=5.00]	-.216773	.117292	291	-1.848	.066	-.447621	.014074
[b1=6.00]	-.103175	.122611	291.000	-.841	.401	-.344492	.138143
[b1=7.00]	-.380952	.281939	291	-1.351	.178	-.935851	.173946
[b1=8.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.355167	.029444

a. Dependent Variable: D_TK.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.213	.094	291	3.027	3.398
2.00	3.185	.088	291	3.012	3.358

3.00	3.059	.145	291	2.774	3.343
4.00	2.929	.113	291	2.707	3.150
5.00	3.164	.073	291	3.021	3.307
6.00	3.278	.081	291	3.118	3.437
7.00	3.000	.267	291	2.475	3.525
8.00	3.381	.092	291.000	3.200	3.562

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.028	.129	291	1.000	-.378	.433
	3.00	.154	.173	291	1.000	-.389	.696
	4.00	.284	.147	291	.790	-.178	.746
	5.00	.048	.119	291	1.000	-.326	.423
	6.00	-.065	.124	291	1.000	-.456	.326
	7.00	.213	.283	291	1.000	-.677	1.102
	8.00	-.168	.132	291	.998	-.583	.246
2.00	1.00	-.028	.129	291	1.000	-.433	.378
	3.00	.126	.169	291	1.000	-.406	.658
	4.00	.256	.143	291	.884	-.193	.706
	5.00	.021	.114	291	1.000	-.338	.380
	6.00	-.093	.120	291	1.000	-.469	.283
	7.00	.185	.281	291	1.000	-.698	1.067
	8.00	-.196	.127	291	.976	-.596	.204
3.00	1.00	-.154	.173	291	1.000	-.696	.389
	2.00	-.126	.169	291	1.000	-.658	.406
	4.00	.130	.183	291	1.000	-.446	.707
	5.00	-.105	.162	291	1.000	-.614	.404
	6.00	-.219	.166	291	.997	-.740	.302
	7.00	.059	.303	291	1.000	-.895	1.012
	8.00	-.322	.171	291	.829	-.861	.217
4.00	1.00	-.284	.147	291	.790	-.746	.178
	2.00	-.256	.143	291	.884	-.706	.193
	3.00	-.130	.183	291	1.000	-.707	.446

	5.00	-.236	.134	291	.903	-.657	.186
	6.00	-.349	.139	291	.295	-.786	.087
	7.00	-.071	.289	291	1.000	-.982	.839
	8.00	-.452	.145	291.000	.056	-.910	.005
5.00	1.00	-.048	.119	291	1.000	-.423	.326
	2.00	-.021	.114	291	1.000	-.380	.338
	3.00	.105	.162	291	1.000	-.404	.614
	4.00	.236	.134	291	.903	-.186	.657
	6.00	-.114	.109	291	1.000	-.456	.229
	7.00	.164	.276	291	1.000	-.705	1.033
	8.00	-.217	.117	291	.850	-.586	.152
6.00	1.00	.065	.124	291	1.000	-.326	.456
	2.00	.093	.120	291	1.000	-.283	.469
	3.00	.219	.166	291	.997	-.302	.740
	4.00	.349	.139	291	.295	-.087	.786
	5.00	.114	.109	291	1.000	-.229	.456
	7.00	.278	.279	291	1.000	-.598	1.154
	8.00	-.103	.123	291.000	1.000	-.489	.282
7.00	1.00	-.213	.283	291	1.000	-1.102	.677
	2.00	-.185	.281	291	1.000	-1.067	.698
	3.00	-.059	.303	291	1.000	-1.012	.895
	4.00	.071	.289	291	1.000	-.839	.982
	5.00	-.164	.276	291	1.000	-1.033	.705
	6.00	-.278	.279	291	1.000	-1.154	.598
	8.00	-.381	.282	291	.996	-1.268	.506
8.00	1.00	.168	.132	291	.998	-.246	.583
	2.00	.196	.127	291	.976	-.204	.596
	3.00	.322	.171	291	.829	-.217	.861
	4.00	.452	.145	291.000	.056	-.005	.910
	5.00	.217	.117	291	.850	-.152	.586
	6.00	.103	.123	291.000	1.000	-.282	.489
	7.00	.381	.282	291	.996	-.506	1.268

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	1.768	.093

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TPACK BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	650.352
Akaike's Information Criterion (AIC)	652.352
Hurvich and Tsai's Criterion (AICC)	652.366

Bozdogan's Criterion (CAIC)	657.025
Schwarz's Bayesian Criterion (BIC)	656.025

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	2363.509	.000
b1	7	291	1.405	.203

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.871429	.108924	291.000	26.362	.000	2.657050	3.085807
[b1=1.00]	-.261429	.155955	291	-1.676	.095	-.568372	.045515
[b1=2.00]	-.280124	.150656	291	-1.859	.064	-.576637	.016389
[b1=3.00]	-.277311	.202920	291	-1.367	.173	-.676688	.122066
[b1=4.00]	-.282143	.172224	291	-1.638	.102	-.621105	.056819
[b1=5.00]	-.186354	.138931	291	-1.341	.181	-.459791	.087083
[b1=6.00]	.032275	.145232	291	.222	.824	-.253563	.318113
[b1=7.00]	-.051429	.333954	291	-.154	.878	-.708700	.605843
[b1=8.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.498305	.041311

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.610	.112	291	2.390	2.830
2.00	2.591	.104	291	2.386	2.796
3.00	2.594	.171	291	2.257	2.931
4.00	2.589	.133	291	2.327	2.852
5.00	2.685	.086	291	2.515	2.855
6.00	2.904	.096	291	2.715	3.093
7.00	2.820	.316	291	2.199	3.441
8.00	2.871	.109	291.000	2.657	3.086

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.019	.153	291	1.000	-.461	.499
	3.00	.016	.204	291	1.000	-.627	.659
	4.00	.021	.174	291	1.000	-.526	.568
	5.00	-.075	.141	291	1.000	-.519	.369

	6.00	-.294	.147	291	.740	-.757	.169
	7.00	-.210	.335	291	1.000	-1.263	.843
	8.00	-.261	.156	291	.938	-.752	.229
2.00	1.00	-.019	.153	291	1.000	-.499	.461
	3.00	-.003	.200	291	1.000	-.633	.627
	4.00	.002	.169	291	1.000	-.530	.534
	5.00	-.094	.135	291	1.000	-.519	.331
	6.00	-.312	.142	291	.551	-.758	.133
	7.00	-.229	.332	291	1.000	-1.274	.817
	8.00	-.280	.151	291	.843	-.754	.194
3.00	1.00	-.016	.204	291	1.000	-.659	.627
	2.00	.003	.200	291	1.000	-.627	.633
	4.00	.005	.217	291	1.000	-.678	.688
	5.00	-.091	.192	291	1.000	-.694	.512
	6.00	-.310	.196	291	.968	-.927	.308
	7.00	-.226	.359	291	1.000	-1.355	.904
	8.00	-.277	.203	291	.995	-.916	.361
4.00	1.00	-.021	.174	291	1.000	-.568	.526
	2.00	-.002	.169	291	1.000	-.534	.530
	3.00	-.005	.217	291	1.000	-.688	.678
	5.00	-.096	.159	291	1.000	-.595	.404
	6.00	-.314	.164	291	.805	-.831	.203
	7.00	-.231	.343	291	1.000	-1.309	.847
	8.00	-.282	.172	291	.952	-.824	.260
5.00	1.00	.075	.141	291	1.000	-.369	.519
	2.00	.094	.135	291	1.000	-.331	.519
	3.00	.091	.192	291	1.000	-.512	.694
	4.00	.096	.159	291	1.000	-.404	.595
	6.00	-.219	.129	291	.932	-.625	.187
	7.00	-.135	.327	291	1.000	-1.164	.894
	8.00	-.186	.139	291	.996	-.623	.251
6.00	1.00	.294	.147	291	.740	-.169	.757
	2.00	.312	.142	291	.551	-.133	.758
	3.00	.310	.196	291	.968	-.308	.927
	4.00	.314	.164	291	.805	-.203	.831
	5.00	.219	.129	291	.932	-.187	.625

	7.00	.084	.330	291	1.000	-.954	1.122
	8.00	.032	.145	291	1.000	-.425	.489
7.00	1.00	.210	.335	291	1.000	-.843	1.263
	2.00	.229	.332	291	1.000	-.817	1.274
	3.00	.226	.359	291	1.000	-.904	1.355
	4.00	.231	.343	291	1.000	-.847	1.309
	5.00	.135	.327	291	1.000	-.894	1.164
	6.00	-.084	.330	291	1.000	-1.122	.954
	8.00	-.051	.334	291	1.000	-1.102	.999
8.00	1.00	.261	.156	291	.938	-.229	.752
	2.00	.280	.151	291	.843	-.194	.754
	3.00	.277	.203	291	.995	-.361	.916
	4.00	.282	.172	291	.952	-.260	.824
	5.00	.186	.139	291	.996	-.251	.623
	6.00	-.032	.145	291	1.000	-.489	.425
	7.00	.051	.334	291	1.000	-.999	1.102

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	1.405	.203

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_Cont_SPD BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	800.805
Akaike's Information Criterion (AIC)	802.805
Hurvich and Tsai's Criterion (AICC)	802.819
Bozdogan's Criterion (CAIC)	807.478
Schwarz's Bayesian Criterion (BIC)	806.478

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	2113.701	.000
b1	7	291	1.301	.250

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.214286	.141056	291.000	22.787	.000	2.936666	3.491906
[b1=1.00]	-.108036	.201962	291.000	-.535	.593	-.505527	.289455
[b1=2.00]	.182453	.195099	291	.935	.350	-.201530	.566437
[b1=3.00]	.462185	.262781	291.000	1.759	.080	-.055007	.979377
[b1=4.00]	-.205357	.223030	291.000	-.921	.358	-.644313	.233598
[b1=5.00]	-.009062	.179915	291.000	-.050	.960	-.363162	.345039
[b1=6.00]	.109788	.188075	291.000	.584	.560	-.260371	.479948
[b1=7.00]	.385714	.432470	291	.892	.373	-.465452	1.236881
[b1=8.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.835669	.069279

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.106	.145	291	2.822	3.391

2.00	3.397	.135	291	3.131	3.662
3.00	3.676	.222	291	3.240	4.113
4.00	3.009	.173	291	2.669	3.349
5.00	3.205	.112	291	2.985	3.425
6.00	3.324	.124	291	3.079	3.569
7.00	3.600	.409	291	2.795	4.405
8.00	3.214	.141	291.000	2.937	3.492

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.290	.198	291	.987	-.912	.331
	3.00	-.570	.265	291	.598	-1.403	.262
	4.00	.097	.225	291	1.000	-.611	.806
	5.00	-.099	.183	291	1.000	-.674	.476
	6.00	-.218	.191	291	1.000	-.818	.382
	7.00	-.494	.434	291	1.000	-1.858	.870
	8.00	-.108	.202	291.000	1.000	-.743	.527
2.00	1.00	.290	.198	291	.987	-.331	.912
	3.00	-.280	.259	291	1.000	-1.096	.536
	4.00	.388	.219	291	.896	-.301	1.077
	5.00	.192	.175	291	1.000	-.359	.742
	6.00	.073	.183	291	1.000	-.504	.650
	7.00	-.203	.430	291	1.000	-1.557	1.151
	8.00	.182	.195	291	1.000	-.431	.796
3.00	1.00	.570	.265	291	.598	-.262	1.403
	2.00	.280	.259	291	1.000	-.536	1.096
	4.00	.668	.281	291	.402	-.217	1.552
	5.00	.471	.248	291	.816	-.310	1.252
	6.00	.352	.254	291	.994	-.447	1.152
	7.00	.076	.465	291	1.000	-1.386	1.539
	8.00	.462	.263	291.000	.902	-.364	1.289
4.00	1.00	-.097	.225	291	1.000	-.806	.611
	2.00	-.388	.219	291	.896	-1.077	.301

	3.00	-.668	.281	291	.402	-1.552	.217
	5.00	-.196	.206	291	1.000	-.843	.451
	6.00	-.315	.213	291	.985	-.985	.354
	7.00	-.591	.444	291	.997	-1.987	.805
	8.00	-.205	.223	291.000	1.000	-.907	.496
5.00	1.00	.099	.183	291	1.000	-.476	.674
	2.00	-.192	.175	291	1.000	-.742	.359
	3.00	-.471	.248	291	.816	-1.252	.310
	4.00	.196	.206	291	1.000	-.451	.843
	6.00	-.119	.167	291	1.000	-.645	.407
	7.00	-.395	.424	291	1.000	-1.728	.938
	8.00	-.009	.180	291.000	1.000	-.575	.557
6.00	1.00	.218	.191	291	1.000	-.382	.818
	2.00	-.073	.183	291	1.000	-.650	.504
	3.00	-.352	.254	291	.994	-1.152	.447
	4.00	.315	.213	291	.985	-.354	.985
	5.00	.119	.167	291	1.000	-.407	.645
	7.00	-.276	.427	291	1.000	-1.620	1.068
	8.00	.110	.188	291.000	1.000	-.482	.701
7.00	1.00	.494	.434	291	1.000	-.870	1.858
	2.00	.203	.430	291	1.000	-1.151	1.557
	3.00	-.076	.465	291	1.000	-1.539	1.386
	4.00	.591	.444	291	.997	-.805	1.987
	5.00	.395	.424	291	1.000	-.938	1.728
	6.00	.276	.427	291	1.000	-1.068	1.620
	8.00	.386	.432	291	1.000	-.975	1.746
8.00	1.00	.108	.202	291.000	1.000	-.527	.743
	2.00	-.182	.195	291	1.000	-.796	.431
	3.00	-.462	.263	291.000	.902	-1.289	.364
	4.00	.205	.223	291.000	1.000	-.496	.907
	5.00	.009	.180	291.000	1.000	-.557	.575
	6.00	-.110	.188	291.000	1.000	-.701	.482
	7.00	-.386	.432	291	1.000	-1.746	.975

Based on estimated marginal means

a. Dependent Variable: E_Cont_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	1.301	.250

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:57
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_ICT_SPD BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.11

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	704.530
Akaike's Information Criterion (AIC)	706.530
Hurvich and Tsai's Criterion (AICC)	706.544

Bozdogan's Criterion (CAIC)	711.204
Schwarz's Bayesian Criterion (BIC)	710.204

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	291	1852.991	.000
b1	7	291	.936	.479

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.738095	.119551	291.000	22.903	.000	2.502802	2.973389
[b1=1.00]	-.117262	.171170	291.000	-.685	.494	-.454151	.219627
[b1=2.00]	-.270704	.165354	291	-1.637	.103	-.596145	.054737
[b1=3.00]	-.061625	.222717	291.000	-.277	.782	-.499965	.376715
[b1=4.00]	-.285714	.189026	291.000	-1.512	.132	-.657746	.086317
[b1=5.00]	-.170931	.152485	291	-1.121	.263	-.471045	.129182
[b1=6.00]	.027337	.159401	291.000	.171	.864	-.286388	.341061
[b1=7.00]	.028571	.366535	291	.078	.938	-.692824	.749967
[b1=8.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.600278	.049765

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.621	.123	291	2.380	2.862
2.00	2.467	.114	291	2.243	2.692
3.00	2.676	.188	291	2.307	3.046
4.00	2.452	.146	291	2.164	2.741
5.00	2.567	.095	291	2.381	2.753
6.00	2.765	.105	291	2.558	2.973
7.00	2.767	.346	291	2.085	3.449
8.00	2.738	.120	291.000	2.503	2.973

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.153	.168	291	1.000	-.373	.680
	3.00	-.056	.224	291	1.000	-.761	.650
	4.00	.168	.191	291	1.000	-.432	.769
	5.00	.054	.155	291	1.000	-.433	.541

	6.00	-.145	.162	291	1.000	-.653	.364
	7.00	-.146	.368	291	1.000	-1.302	1.010
	8.00	-.117	.171	291.000	1.000	-.656	.421
2.00	1.00	-.153	.168	291	1.000	-.680	.373
	3.00	-.209	.220	291	1.000	-.901	.483
	4.00	.015	.186	291	1.000	-.569	.599
	5.00	-.100	.148	291	1.000	-.566	.367
	6.00	-.298	.155	291	.802	-.787	.191
	7.00	-.299	.365	291	1.000	-1.447	.848
	8.00	-.271	.165	291	.952	-.791	.249
3.00	1.00	.056	.224	291	1.000	-.650	.761
	2.00	.209	.220	291	1.000	-.483	.901
	4.00	.224	.238	291	1.000	-.525	.973
	5.00	.109	.210	291	1.000	-.552	.771
	6.00	-.089	.215	291	1.000	-.767	.589
	7.00	-.090	.394	291	1.000	-1.330	1.150
	8.00	-.062	.223	291.000	1.000	-.762	.639
4.00	1.00	-.168	.191	291	1.000	-.769	.432
	2.00	-.015	.186	291	1.000	-.599	.569
	3.00	-.224	.238	291	1.000	-.973	.525
	5.00	-.115	.174	291	1.000	-.663	.434
	6.00	-.313	.180	291	.914	-.881	.254
	7.00	-.314	.376	291	1.000	-1.497	.869
	8.00	-.286	.189	291.000	.981	-.880	.309
5.00	1.00	-.054	.155	291	1.000	-.541	.433
	2.00	.100	.148	291	1.000	-.367	.566
	3.00	-.109	.210	291	1.000	-.771	.552
	4.00	.115	.174	291	1.000	-.434	.663
	6.00	-.198	.142	291	.993	-.644	.247
	7.00	-.200	.359	291	1.000	-1.329	.930
	8.00	-.171	.152	291	1.000	-.651	.309
6.00	1.00	.145	.162	291	1.000	-.364	.653
	2.00	.298	.155	291	.802	-.191	.787
	3.00	.089	.215	291	1.000	-.589	.767
	4.00	.313	.180	291	.914	-.254	.881
	5.00	.198	.142	291	.993	-.247	.644

	7.00	-.001	.362	291	1.000	-1.140	1.138
	8.00	.027	.159	291.000	1.000	-.474	.529
7.00	1.00	.146	.368	291	1.000	-1.010	1.302
	2.00	.299	.365	291	1.000	-.848	1.447
	3.00	.090	.394	291	1.000	-1.150	1.330
	4.00	.314	.376	291	1.000	-.869	1.497
	5.00	.200	.359	291	1.000	-.930	1.329
	6.00	.001	.362	291	1.000	-1.138	1.140
	8.00	.029	.367	291	1.000	-1.124	1.181
8.00	1.00	.117	.171	291.000	1.000	-.421	.656
	2.00	.271	.165	291	.952	-.249	.791
	3.00	.062	.223	291.000	1.000	-.639	.762
	4.00	.286	.189	291.000	.981	-.309	.880
	5.00	.171	.152	291	1.000	-.309	.651
	6.00	-.027	.159	291.000	1.000	-.529	.474
	7.00	-.029	.367	291	1.000	-1.181	1.124

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	291	.936	.479

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:57
Comments		
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	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_Building_SPI BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	391.146
Akaike's Information Criterion (AIC)	393.146
Hurvich and Tsai's Criterion (AICC)	393.160
Bozdogan's Criterion (CAIC)	397.823
Schwarz's Bayesian Criterion (BIC)	396.823

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	8114.921	.000
b1	7	292	.847	.549

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.268707	.069624	292.000	46.948	.000	3.131679	3.405736
[b1=1.00]	.056293	.099687	292.000	.565	.573	-.139903	.252488
[b1=2.00]	-.020260	.096299	292.000	-.210	.834	-.209789	.169268
[b1=3.00]	-.067027	.129706	292	-.517	.606	-.322305	.188251
[b1=4.00]	-.003401	.110085	292	-.031	.975	-.220063	.213260
[b1=5.00]	-.041817	.088553	292.000	-.472	.637	-.216099	.132466
[b1=6.00]	-.123205	.092832	292.000	-1.327	.185	-.305910	.059500
[b1=7.00]	-.297279	.213463	292	-1.393	.165	-.717401	.122843
[b1=8.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.203596	.016850

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.325	.071	292	3.185	3.465

2.00	3.248	.067	292	3.118	3.379
3.00	3.202	.109	292	2.986	3.417
4.00	3.265	.085	292	3.097	3.433
5.00	3.227	.055	292	3.119	3.335
6.00	3.146	.061	292	3.025	3.266
7.00	2.971	.202	292	2.574	3.369
8.00	3.269	.070	292.000	3.132	3.406

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.077	.098	292	1.000	-.230	.383
	3.00	.123	.131	292	1.000	-.288	.534
	4.00	.060	.111	292	1.000	-.290	.409
	5.00	.098	.090	292	1.000	-.185	.381
	6.00	.179	.094	292	.810	-.117	.476
	7.00	.354	.214	292	.947	-.320	1.027
	8.00	.056	.100	292.000	1.000	-.257	.370
2.00	1.00	-.077	.098	292	1.000	-.383	.230
	3.00	.047	.128	292	1.000	-.356	.450
	4.00	-.017	.108	292	1.000	-.357	.323
	5.00	.022	.086	292	1.000	-.249	.292
	6.00	.103	.091	292	1.000	-.182	.388
	7.00	.277	.212	292	.998	-.391	.945
	8.00	-.020	.096	292.000	1.000	-.323	.283
3.00	1.00	-.123	.131	292	1.000	-.534	.288
	2.00	-.047	.128	292	1.000	-.450	.356
	4.00	-.064	.139	292	1.000	-.500	.373
	5.00	-.025	.122	292	1.000	-.410	.360
	6.00	.056	.125	292	1.000	-.339	.451
	7.00	.230	.230	292	1.000	-.492	.952
	8.00	-.067	.130	292	1.000	-.475	.341
4.00	1.00	-.060	.111	292	1.000	-.409	.290
	2.00	.017	.108	292	1.000	-.323	.357

	3.00	.064	.139	292	1.000	-.373	.500
	5.00	.038	.101	292	1.000	-.280	.357
	6.00	.120	.105	292	1.000	-.211	.450
	7.00	.294	.219	292	.996	-.395	.983
	8.00	-.003	.110	292	1.000	-.350	.343
5.00	1.00	-.098	.090	292	1.000	-.381	.185
	2.00	-.022	.086	292	1.000	-.292	.249
	3.00	.025	.122	292	1.000	-.360	.410
	4.00	-.038	.101	292	1.000	-.357	.280
	6.00	.081	.082	292	1.000	-.177	.340
	7.00	.255	.209	292	.999	-.402	.913
	8.00	-.042	.089	292.000	1.000	-.320	.237
6.00	1.00	-.179	.094	292	.810	-.476	.117
	2.00	-.103	.091	292	1.000	-.388	.182
	3.00	-.056	.125	292	1.000	-.451	.339
	4.00	-.120	.105	292	1.000	-.450	.211
	5.00	-.081	.082	292	1.000	-.340	.177
	7.00	.174	.211	292	1.000	-.489	.837
	8.00	-.123	.093	292.000	.997	-.415	.169
7.00	1.00	-.354	.214	292	.947	-1.027	.320
	2.00	-.277	.212	292	.998	-.945	.391
	3.00	-.230	.230	292	1.000	-.952	.492
	4.00	-.294	.219	292	.996	-.983	.395
	5.00	-.255	.209	292	.999	-.913	.402
	6.00	-.174	.211	292	1.000	-.837	.489
	8.00	-.297	.213	292	.994	-.969	.374
8.00	1.00	-.056	.100	292.000	1.000	-.370	.257
	2.00	.020	.096	292.000	1.000	-.283	.323
	3.00	.067	.130	292	1.000	-.341	.475
	4.00	.003	.110	292	1.000	-.343	.350
	5.00	.042	.089	292.000	1.000	-.237	.320
	6.00	.123	.093	292.000	.997	-.169	.415
	7.00	.297	.213	292	.994	-.374	.969

Based on estimated marginal means

a. Dependent Variable: F_Building_SPI.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	292	.847	.549

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:02:57
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_PD_Models BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	457.840
Akaike's Information Criterion (AIC)	459.840
Hurvich and Tsai's Criterion (AICC)	459.854

Bozdogan's Criterion (CAIC)	464.517
Schwarz's Bayesian Criterion (BIC)	463.517

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	6712.746	.000
b1	7	292	.507	.829

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.345238	.078047	292	42.862	.000	3.191632	3.498844
[b1=1.00]	-.082738	.111747	292	-.740	.460	-.302669	.137193
[b1=2.00]	-.122412	.107949	292.000	-1.134	.258	-.334869	.090045
[b1=3.00]	.037115	.145398	292	.255	.799	-.249046	.323276
[b1=4.00]	-.086310	.123403	292	-.699	.485	-.329183	.156563
[b1=5.00]	-.102591	.099266	292	-1.033	.302	-.297958	.092776
[b1=6.00]	-.155423	.104063	292.000	-1.494	.136	-.360232	.049385
[b1=7.00]	-.095238	.239288	292	-.398	.691	-.566186	.375710
[b1=8.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.255837	.021173

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.263	.080	292	3.105	3.420
2.00	3.223	.075	292	3.076	3.370
3.00	3.382	.123	292	3.141	3.624
4.00	3.259	.096	292	3.071	3.447
5.00	3.243	.061	292	3.122	3.363
6.00	3.190	.069	292	3.054	3.325
7.00	3.250	.226	292	2.805	3.695
8.00	3.345	.078	292	3.192	3.499

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.040	.109	292	1.000	-.304	.384
	3.00	-.120	.146	292	1.000	-.580	.341
	4.00	.004	.125	292	1.000	-.388	.396
	5.00	.020	.101	292	1.000	-.297	.337

	6.00	.073	.106	292	1.000	-.259	.405
	7.00	.013	.240	292	1.000	-.742	.767
	8.00	-.083	.112	292	1.000	-.434	.269
2.00	1.00	-.040	.109	292	1.000	-.384	.304
	3.00	-.160	.144	292	1.000	-.611	.292
	4.00	-.036	.121	292	1.000	-.417	.345
	5.00	-.020	.097	292	1.000	-.324	.284
	6.00	.033	.101	292	1.000	-.286	.352
	7.00	-.027	.238	292	1.000	-.776	.722
	8.00	-.122	.108	292.000	1.000	-.462	.217
3.00	1.00	.120	.146	292	1.000	-.341	.580
	2.00	.160	.144	292	1.000	-.292	.611
	4.00	.123	.156	292	1.000	-.366	.613
	5.00	.140	.137	292	1.000	-.292	.571
	6.00	.193	.141	292	.995	-.250	.635
	7.00	.132	.257	292	1.000	-.677	.942
	8.00	.037	.145	292	1.000	-.420	.494
4.00	1.00	-.004	.125	292	1.000	-.396	.388
	2.00	.036	.121	292	1.000	-.345	.417
	3.00	-.123	.156	292	1.000	-.613	.366
	5.00	.016	.114	292	1.000	-.341	.374
	6.00	.069	.118	292	1.000	-.301	.440
	7.00	.009	.246	292	1.000	-.763	.781
	8.00	-.086	.123	292	1.000	-.474	.302
5.00	1.00	-.020	.101	292	1.000	-.337	.297
	2.00	.020	.097	292	1.000	-.284	.324
	3.00	-.140	.137	292	1.000	-.571	.292
	4.00	-.016	.114	292	1.000	-.374	.341
	6.00	.053	.092	292	1.000	-.237	.343
	7.00	-.007	.234	292	1.000	-.745	.730
	8.00	-.103	.099	292	1.000	-.415	.210
6.00	1.00	-.073	.106	292	1.000	-.405	.259
	2.00	-.033	.101	292	1.000	-.352	.286
	3.00	-.193	.141	292	.995	-.635	.250
	4.00	-.069	.118	292	1.000	-.440	.301
	5.00	-.053	.092	292	1.000	-.343	.237

	7.00	-.060	.236	292	1.000	-.804	.684
	8.00	-.155	.104	292.000	.984	-.483	.172
7.00	1.00	-.013	.240	292	1.000	-.767	.742
	2.00	.027	.238	292	1.000	-.722	.776
	3.00	-.132	.257	292	1.000	-.942	.677
	4.00	-.009	.246	292	1.000	-.781	.763
	5.00	.007	.234	292	1.000	-.730	.745
	6.00	.060	.236	292	1.000	-.684	.804
	8.00	-.095	.239	292	1.000	-.848	.657
8.00	1.00	.083	.112	292	1.000	-.269	.434
	2.00	.122	.108	292.000	1.000	-.217	.462
	3.00	-.037	.145	292	1.000	-.494	.420
	4.00	.086	.123	292	1.000	-.302	.474
	5.00	.103	.099	292	1.000	-.210	.415
	6.00	.155	.104	292.000	.984	-.172	.483
	7.00	.095	.239	292	1.000	-.657	.848

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	292	.507	.829

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY b1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_ODL_SPD BY b1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b1	8	7
Residual			1
Total		9	9

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	509.460
Akaike's Information Criterion (AIC)	511.460
Hurvich and Tsai's Criterion (AICC)	511.474
Bozdogan's Criterion (CAIC)	516.137
Schwarz's Bayesian Criterion (BIC)	515.137

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	5387.972	.000
b1	7	292	.340	.935

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.232143	.085260	292.000	37.909	.000	3.064341	3.399945
[b1=1.00]	-.054018	.122074	292.000	-.443	.658	-.294273	.186238
[b1=2.00]	-.033773	.117925	292.000	-.286	.775	-.265865	.198318
[b1=3.00]	.054622	.158835	292	.344	.731	-.257985	.367228
[b1=4.00]	.053571	.134808	292.000	.397	.691	-.211746	.318889
[b1=5.00]	-.094275	.108439	292.000	-.869	.385	-.307697	.119146
[b1=6.00]	-.053902	.113680	292.000	-.474	.636	-.277638	.169833
[b1=7.00]	-.132143	.261402	292	-.506	.614	-.646613	.382327
[b1=8.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.305308	.025267

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

b1

Estimates[a]

b1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.178	.087	292	3.006	3.350

2.00	3.198	.081	292	3.038	3.359
3.00	3.287	.134	292	3.023	3.551
4.00	3.286	.104	292	3.080	3.491
5.00	3.138	.067	292	3.006	3.270
6.00	3.178	.075	292	3.030	3.326
7.00	3.100	.247	292	2.614	3.586
8.00	3.232	.085	292.000	3.064	3.400

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) b1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.020	.119	292	1.000	-.396	.355
	3.00	-.109	.160	292	1.000	-.612	.395
	4.00	-.108	.136	292	1.000	-.536	.321
	5.00	.040	.110	292	1.000	-.306	.387
	6.00	.000	.115	292	1.000	-.363	.362
	7.00	.078	.262	292	1.000	-.746	.902
	8.00	-.054	.122	292.000	1.000	-.438	.330
2.00	1.00	.020	.119	292	1.000	-.355	.396
	3.00	-.088	.157	292	1.000	-.582	.405
	4.00	-.087	.132	292	1.000	-.504	.329
	5.00	.061	.105	292	1.000	-.271	.392
	6.00	.020	.111	292	1.000	-.329	.369
	7.00	.098	.260	292	1.000	-.720	.917
	8.00	-.034	.118	292.000	1.000	-.405	.337
3.00	1.00	.109	.160	292	1.000	-.395	.612
	2.00	.088	.157	292	1.000	-.405	.582
	4.00	.001	.170	292	1.000	-.533	.535
	5.00	.149	.150	292	1.000	-.322	.620
	6.00	.109	.154	292	1.000	-.375	.592
	7.00	.187	.281	292	1.000	-.697	1.071
	8.00	.055	.159	292	1.000	-.445	.554
4.00	1.00	.108	.136	292	1.000	-.321	.536
	2.00	.087	.132	292	1.000	-.329	.504

	3.00	-.001	.170	292	1.000	-.535	.533
	5.00	.148	.124	292	.999	-.242	.538
	6.00	.107	.129	292	1.000	-.297	.512
	7.00	.186	.268	292	1.000	-.658	1.029
	8.00	.054	.135	292.000	1.000	-.370	.478
5.00	1.00	-.040	.110	292	1.000	-.387	.306
	2.00	-.061	.105	292	1.000	-.392	.271
	3.00	-.149	.150	292	1.000	-.620	.322
	4.00	-.148	.124	292	.999	-.538	.242
	6.00	-.040	.101	292	1.000	-.357	.276
	7.00	.038	.256	292	1.000	-.767	.843
	8.00	-.094	.108	292.000	1.000	-.435	.247
6.00	1.00	.000	.115	292	1.000	-.362	.363
	2.00	-.020	.111	292	1.000	-.369	.329
	3.00	-.109	.154	292	1.000	-.592	.375
	4.00	-.107	.129	292	1.000	-.512	.297
	5.00	.040	.101	292	1.000	-.276	.357
	7.00	.078	.258	292	1.000	-.734	.891
	8.00	-.054	.114	292.000	1.000	-.411	.304
7.00	1.00	-.078	.262	292	1.000	-.902	.746
	2.00	-.098	.260	292	1.000	-.917	.720
	3.00	-.187	.281	292	1.000	-1.071	.697
	4.00	-.186	.268	292	1.000	-1.029	.658
	5.00	-.038	.256	292	1.000	-.843	.767
	6.00	-.078	.258	292	1.000	-.891	.734
	8.00	-.132	.261	292	1.000	-.954	.690
8.00	1.00	.054	.122	292.000	1.000	-.330	.438
	2.00	.034	.118	292.000	1.000	-.337	.405
	3.00	-.055	.159	292	1.000	-.554	.445
	4.00	-.054	.135	292.000	1.000	-.478	.370
	5.00	.094	.108	292.000	1.000	-.247	.435
	6.00	.054	.114	292.000	1.000	-.304	.411
	7.00	.132	.261	292	1.000	-.690	.954

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
7	292	.340	.935

The F tests the effect of b1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
MIXED C_Pol_Iniciatives BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

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	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Pol_Iniciatives BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	804.975
Akaike's Information Criterion (AIC)	806.975
Hurvich and Tsai's Criterion (AICC)	806.989

Bozdogan's Criterion (CAIC)	811.652
Schwarz's Bayesian Criterion (BIC)	810.652

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	2385.798	.000
b4	5	292	1.356	.241

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.452381	.247018	292	13.976	.000	2.966220	3.938542
[b4=1.00]	-.234432	.278291	292.000	-.842	.400	-.782142	.313278
[b4=2.00]	-.563492	.318899	292	-1.767	.078	-1.191124	.064140
[b4=3.00]	-.217262	.276174	292.000	-.787	.432	-.760807	.326283
[b4=4.00]	-.310304	.273901	292	-1.133	.258	-.849376	.228767
[b4=5.00]	-.067629	.264775	292	-.255	.799	-.588738	.453480
[b4=6.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.854250	.070698

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.218	.128	292	2.966	3.470
2.00	2.889	.202	292	2.492	3.286
3.00	3.235	.124	292	2.992	3.478
4.00	3.142	.118	292	2.909	3.375
5.00	3.385	.095	292	3.197	3.572
6.00	3.452	.247	292	2.966	3.939

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.329	.239	292	.938	-.376	1.034
	3.00	-.017	.178	292	1.000	-.543	.508
	4.00	.076	.174	292	1.000	-.439	.591
	5.00	-.167	.160	292	.995	-.638	.305
	6.00	-.234	.278	292.000	1.000	-1.056	.587
2.00	1.00	-.329	.239	292	.938	-1.034	.376
	3.00	-.346	.237	292	.903	-1.044	.352

	4.00	-.253	.234	292	.993	-.943	.437
	5.00	-.496	.223	292	.337	-1.154	.163
	6.00	-.563	.319	292	.706	-1.505	.378
3.00	1.00	.017	.178	292	1.000	-.508	.543
	2.00	.346	.237	292	.903	-.352	1.044
	4.00	.093	.171	292	1.000	-.412	.598
	5.00	-.150	.156	292	.998	-.610	.311
	6.00	-.217	.276	292.000	1.000	-1.033	.598
4.00	1.00	-.076	.174	292	1.000	-.591	.439
	2.00	.253	.234	292	.993	-.437	.943
	3.00	-.093	.171	292	1.000	-.598	.412
	5.00	-.243	.152	292	.830	-.691	.206
	6.00	-.310	.274	292	.989	-1.119	.498
5.00	1.00	.167	.160	292	.995	-.305	.638
	2.00	.496	.223	292	.337	-.163	1.154
	3.00	.150	.156	292	.998	-.311	.610
	4.00	.243	.152	292	.830	-.206	.691
	6.00	-.068	.265	292	1.000	-.849	.714
6.00	1.00	.234	.278	292.000	1.000	-.587	1.056
	2.00	.563	.319	292	.706	-.378	1.505
	3.00	.217	.276	292.000	1.000	-.598	1.033
	4.00	.310	.274	292	.989	-.498	1.119
	5.00	.068	.265	292	1.000	-.714	.849

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	1.356	.241

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
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Mixed Model Analysis

Notes

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Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_DOE BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	948.800
Akaike's Information Criterion (AIC)	950.800
Hurvich and Tsai's Criterion (AICC)	950.813
Bozdogan's Criterion (CAIC)	955.476

Schwarz's Bayesian Criterion (BIC)	954.476

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	1509.107	.000
b4	5	292	3.294	.007

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.964286	.315998	292	12.545	.000	3.342363	4.586208
[b4=1.00]	-1.012363	.356004	292	-2.844	.005	-1.713021	-.311704
[b4=2.00]	-1.067460	.407952	292	-2.617	.009	-1.870358	-.264562
[b4=3.00]	-.699405	.353296	292	-1.980	.049	-1.394735	-.004075
[b4=4.00]	-.898712	.350389	292	-2.565	.011	-1.588319	-.209105
[b4=5.00]	-.450101	.338713	292	-1.329	.185	-1.116730	.216527
[b4=6.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	1.397965	.115696

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.952	.164	292	2.629	3.275
2.00	2.897	.258	292	2.389	3.405
3.00	3.265	.158	292	2.954	3.576
4.00	3.066	.151	292	2.768	3.364
5.00	3.514	.122	292	3.274	3.754
6.00	3.964	.316	292	3.342	4.586

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.055	.306	292	1.000	-.847	.958
	3.00	-.313	.228	292	.939	-.985	.359
	4.00	-.114	.223	292	1.000	-.772	.545
	5.00	-.562	.204	292	.090	-1.165	.041
	6.00	-1.012	.356	292	.069	-2.063	.039
2.00	1.00	-.055	.306	292	1.000	-.958	.847
	3.00	-.368	.303	292	.978	-1.261	.525
	4.00	-.169	.299	292	1.000	-1.052	.714
	5.00	-.617	.285	292	.380	-1.460	.225
	6.00	-1.067	.408	292	.131	-2.272	.137

3.00	1.00	.313	.228	292	.939	-.359	.985
	2.00	.368	.303	292	.978	-.525	1.261
	4.00	.199	.219	292	.999	-.447	.845
	5.00	-.249	.200	292	.972	-.838	.340
	6.00	-.699	.353	292	.527	-1.742	.344
4.00	1.00	.114	.223	292	1.000	-.545	.772
	2.00	.169	.299	292	1.000	-.714	1.052
	3.00	-.199	.219	292	.999	-.845	.447
	5.00	-.449	.194	292	.281	-1.022	.125
	6.00	-.899	.350	292	.151	-1.933	.136
5.00	1.00	.562	.204	292	.090	-.041	1.165
	2.00	.617	.285	292	.380	-.225	1.460
	3.00	.249	.200	292	.972	-.340	.838
	4.00	.449	.194	292	.281	-.125	1.022
	6.00	-.450	.339	292	.953	-1.450	.550
6.00	1.00	1.012	.356	292	.069	-.039	2.063
	2.00	1.067	.408	292	.131	-.137	2.272
	3.00	.699	.353	292	.527	-.344	1.742
	4.00	.899	.350	292	.151	-.136	1.933
	5.00	.450	.339	292	.953	-.550	1.450

Based on estimated marginal means

a. Dependent Variable: C_Resp_DOE.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	3.294	.007

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	694.858
Akaike's Information Criterion (AIC)	696.858
Hurvich and Tsai's Criterion (AICC)	696.871
Bozdogan's Criterion (CAIC)	701.534
Schwarz's Bayesian Criterion (BIC)	700.534

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	292	2789.212	.000
b4	5	292	1.581	.165

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.040816	.204569	292	14.865	.000	2.638201	3.443432
[b4=1.00]	-.158948	.230467	292.000	-.690	.491	-.612536	.294639
[b4=2.00]	-.421769	.264097	292	-1.597	.111	-.941543	.098006
[b4=3.00]	-.216837	.228715	292	-.948	.344	-.666975	.233301
[b4=4.00]	-.164938	.226832	292	-.727	.468	-.611371	.281495
[b4=5.00]	.018454	.219274	292	.084	.933	-.413103	.450012
[b4=6.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.585876	.048487

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

b4

Estimates[a]

				95% Confidence Interval

b4	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	2.882	.106	292	2.673	3.091
2.00	2.619	.167	292	2.290	2.948
3.00	2.824	.102	292	2.623	3.025
4.00	2.876	.098	292	2.683	3.069
5.00	3.059	.079	292	2.904	3.215
6.00	3.041	.205	292	2.638	3.443

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.263	.198	292	.954	-.321	.847
	3.00	.058	.147	292	1.000	-.377	.493
	4.00	.006	.144	292	1.000	-.420	.432
	5.00	-.177	.132	292	.950	-.568	.213
	6.00	-.159	.230	292.000	1.000	-.839	.521
2.00	1.00	-.263	.198	292	.954	-.847	.321
	3.00	-.205	.196	292	.995	-.783	.373
	4.00	-.257	.194	292	.954	-.829	.315
	5.00	-.440	.185	292	.236	-.986	.105
	6.00	-.422	.264	292	.830	-1.201	.358
3.00	1.00	-.058	.147	292	1.000	-.493	.377
	2.00	.205	.196	292	.995	-.373	.783
	4.00	-.052	.142	292	1.000	-.470	.366
	5.00	-.235	.129	292	.661	-.617	.146
	6.00	-.217	.229	292	.998	-.892	.458
4.00	1.00	-.006	.144	292	1.000	-.432	.420
	2.00	.257	.194	292	.954	-.315	.829
	3.00	.052	.142	292	1.000	-.366	.470
	5.00	-.183	.126	292	.906	-.555	.188
	6.00	-.165	.227	292	1.000	-.835	.505
5.00	1.00	.177	.132	292	.950	-.213	.568
	2.00	.440	.185	292	.236	-.105	.986
	3.00	.235	.129	292	.661	-.146	.617

	4.00	.183	.126	292	.906	-.188	.555
	6.00	.018	.219	292	1.000	-.629	.666
6.00	1.00	.159	.230	292.000	1.000	-.521	.839
	2.00	.422	.264	292	.830	-.358	1.201
	3.00	.217	.229	292	.998	-.458	.892
	4.00	.165	.227	292	1.000	-.505	.835
	5.00	-.018	.219	292	1.000	-.666	.629

Based on estimated marginal means

a. Dependent Variable: C_Resp_Mangm.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	1.581	.165

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:03:09
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_TL BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1

Total	7	7

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	830.391
Akaike's Information Criterion (AIC)	832.391
Hurvich and Tsai's Criterion (AICC)	832.405
Bozdogan's Criterion (CAIC)	837.068
Schwarz's Bayesian Criterion (BIC)	836.068

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	2148.903	.000
b4	5	292	2.477	.032

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.517857	.258005	292.000	13.635	.000	3.010071	4.025643
[b4=1.00]	-.469780	.290669	292	-1.616	.107	-1.041853	.102292
[b4=2.00]	-.827381	.333084	292	-2.484	.014	-1.482930	-.171832
[b4=3.00]	-.308036	.288459	292	-1.068	.286	-.875758	.259686
[b4=4.00]	-.214578	.286085	292.000	-.750	.454	-.777628	.348471

[b4=5.00]	-.134878	.276552	292.000	-.488	.626	-.679166	.409410
[b4=6.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.931935	.077128

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

b4

Estimates[a]

				95% Confidence Interval	
b4	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	3.048	.134	292	2.785	3.312
2.00	2.690	.211	292	2.276	3.105
3.00	3.210	.129	292	2.956	3.464
4.00	3.303	.124	292	3.060	3.547
5.00	3.383	.100	292	3.187	3.579
6.00	3.518	.258	292.000	3.010	4.026

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

					95% Confidence Interval for Difference[c]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[c]	Lower Bound	Upper Bound
1.00	2.00	.358	.250	292	.917	-.379	1.094
	3.00	-.162	.186	292	.999	-.711	.387
	4.00	-.255	.182	292	.930	-.793	.283
	5.00	-.335	.167	292	.504	-.827	.158
	6.00	-.470	.291	292	.817	-1.328	.388
2.00	1.00	-.358	.250	292	.917	-1.094	.379
	3.00	-.519	.247	292	.426	-1.249	.210
	4.00	-.613	.244	292	.174	-1.334	.108
	5.00	-.693*	.233	292	.047	-1.380	-.005
	6.00	-.827	.333	292	.185	-1.811	.156
3.00	1.00	.162	.186	292	.999	-.387	.711
	2.00	.519	.247	292	.426	-.210	1.249
	4.00	-.093	.179	292	1.000	-.621	.434
	5.00	-.173	.163	292	.994	-.654	.308
	6.00	-.308	.288	292	.994	-1.160	.543
4.00	1.00	.255	.182	292	.930	-.283	.793
	2.00	.613	.244	292	.174	-.108	1.334
	3.00	.093	.179	292	1.000	-.434	.621
	5.00	-.080	.159	292	1.000	-.548	.389
	6.00	-.215	.286	292.000	1.000	-1.059	.630
5.00	1.00	.335	.167	292	.504	-.158	.827
	2.00	.693*	.233	292	.047	.005	1.380
	3.00	.173	.163	292	.994	-.308	.654
	4.00	.080	.159	292	1.000	-.389	.548
	6.00	-.135	.277	292.000	1.000	-.951	.681
6.00	1.00	.470	.291	292	.817	-.388	1.328
	2.00	.827	.333	292	.185	-.156	1.811
	3.00	.308	.288	292	.994	-.543	1.160
	4.00	.215	.286	292.000	1.000	-.630	1.059
	5.00	.135	.277	292.000	1.000	-.681	.951

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_TL.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	2.477	.032

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TK BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	552.095
Akaike's Information Criterion (AIC)	554.095
Hurvich and Tsai's Criterion (AICC)	554.109

Bozdogan's Criterion (CAIC)	558.771
Schwarz's Bayesian Criterion (BIC)	557.771

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	5618.024	.000
b4	5	292	1.306	.261

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.392857	.160204	292	21.178	.000	3.077557	3.708158
[b4=1.00]	-.325549	.180486	292	-1.804	.072	-.680767	.029668
[b4=2.00]	-.250000	.206822	292	-1.209	.228	-.657051	.157051
[b4=3.00]	-.267857	.179113	292	-1.495	.136	-.620374	.084659
[b4=4.00]	-.163349	.177639	292	-.920	.359	-.512964	.186266
[b4=5.00]	-.121581	.171720	292	-.708	.479	-.459546	.216385
[b4=6.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.359313	.029737

a. Dependent Variable: D_TK.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.067	.083	292	2.904	3.231
2.00	3.143	.131	292	2.885	3.400
3.00	3.125	.080	292	2.967	3.283
4.00	3.230	.077	292	3.078	3.381
5.00	3.271	.062	292	3.150	3.393
6.00	3.393	.160	292	3.078	3.708

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.076	.155	292	1.000	-.533	.382
	3.00	-.058	.115	292	1.000	-.398	.283
	4.00	-.162	.113	292	.917	-.496	.172
	5.00	-.204	.104	292	.536	-.510	.102
	6.00	-.326	.180	292	.676	-.858	.207
2.00	1.00	.076	.155	292	1.000	-.382	.533
	3.00	.018	.153	292	1.000	-.435	.471
	4.00	-.087	.152	292	1.000	-.534	.361
	5.00	-.128	.145	292	.999	-.556	.299
	6.00	-.250	.207	292	.979	-.861	.361

3.00	1.00	.058	.115	292	1.000	-.283	.398
	2.00	-.018	.153	292	1.000	-.471	.435
	4.00	-.105	.111	292	.998	-.432	.223
	5.00	-.146	.101	292	.912	-.445	.152
	6.00	-.268	.179	292	.888	-.797	.261
4.00	1.00	.162	.113	292	.917	-.172	.496
	2.00	.087	.152	292	1.000	-.361	.534
	3.00	.105	.111	292	.998	-.223	.432
	5.00	-.042	.099	292	1.000	-.333	.249
	6.00	-.163	.178	292	.999	-.688	.361
5.00	1.00	.204	.104	292	.536	-.102	.510
	2.00	.128	.145	292	.999	-.299	.556
	3.00	.146	.101	292	.912	-.152	.445
	4.00	.042	.099	292	1.000	-.249	.333
	6.00	-.122	.172	292	1.000	-.628	.385
6.00	1.00	.326	.180	292	.676	-.207	.858
	2.00	.250	.207	292	.979	-.361	.861
	3.00	.268	.179	292	.888	-.261	.797
	4.00	.163	.178	292	.999	-.361	.688
	5.00	.122	.172	292	1.000	-.385	.628

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	1.306	.261

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
```

```
  ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
/FIXED=b4 | SSTYPE(3)
/METHOD=REML
/PRINT=SOLUTION
/EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TPACK BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	641.556
Akaike's Information Criterion (AIC)	643.556
Hurvich and Tsai's Criterion (AICC)	643.570
Bozdogan's Criterion (CAIC)	648.233

Schwarz's Bayesian Criterion (BIC)	647.233

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	2888.101	.000
b4	5	292	2.913	.014

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.871429	.186724	292	15.378	.000	2.503932	3.238925
[b4=1.00]	-.048352	.210364	292.000	-.230	.818	-.462373	.365670
[b4=2.00]	-.609524	.241060	292	-2.529	.012	-1.083959	-.135088
[b4=3.00]	-.212500	.208764	292	-1.018	.310	-.623373	.198373
[b4=4.00]	-.245199	.207046	292	-1.184	.237	-.652690	.162292
[b4=5.00]	-.043769	.200147	292	-.219	.827	-.437682	.350144
[b4=6.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.488123	.040397

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.823	.097	292	2.632	3.014
2.00	2.262	.152	292	1.962	2.562
3.00	2.659	.093	292	2.475	2.843
4.00	2.626	.089	292	2.450	2.802
5.00	2.828	.072	292	2.686	2.969
6.00	2.871	.187	292	2.504	3.239

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	.561*	.181	292	.031	.028	1.094
	3.00	.164	.135	292	.977	-.233	.561
	4.00	.197	.132	292	.890	-.192	.586
	5.00	-.005	.121	292	1.000	-.361	.352
	6.00	-.048	.210	292.000	1.000	-.669	.573
2.00	1.00	-.561*	.181	292	.031	-1.094	-.028
	3.00	-.397	.179	292	.338	-.925	.131
	4.00	-.364	.177	292	.459	-.886	.157
	5.00	-.566*	.169	292	.013	-1.064	-.068
	6.00	-.610	.241	292	.165	-1.321	.102

3.00	1.00	-.164	.135	292	.977	-.561	.233
	2.00	.397	.179	292	.338	-.131	.925
	4.00	.033	.129	292	1.000	-.349	.414
	5.00	-.169	.118	292	.918	-.517	.179
	6.00	-.213	.209	292	.996	-.829	.404
4.00	1.00	-.197	.132	292	.890	-.586	.192
	2.00	.364	.177	292	.459	-.157	.886
	3.00	-.033	.129	292	1.000	-.414	.349
	5.00	-.201	.115	292	.716	-.541	.138
	6.00	-.245	.207	292	.983	-.856	.366
5.00	1.00	.005	.121	292	1.000	-.352	.361
	2.00	.566*	.169	292	.013	.068	1.064
	3.00	.169	.118	292	.918	-.179	.517
	4.00	.201	.115	292	.716	-.138	.541
	6.00	-.044	.200	292	1.000	-.635	.547
6.00	1.00	.048	.210	292.000	1.000	-.573	.669
	2.00	.610	.241	292	.165	-.102	1.321
	3.00	.213	.209	292	.996	-.404	.829
	4.00	.245	.207	292	.983	-.366	.856
	5.00	.044	.200	292	1.000	-.547	.635

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: D_TPACK.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	2.913	.014

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
```

```
  ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
/FIXED=b4 | SSTYPE(3)
/METHOD=REML
/PRINT=SOLUTION
/EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_Cont_SPD BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
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[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	791.057
Akaike's Information Criterion (AIC)	793.057
Hurvich and Tsai's Criterion (AICC)	793.071
Bozdogan's Criterion (CAIC)	797.734

Schwarz's Bayesian Criterion (BIC)	796.734

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	2576.157	.000
b4	5	292	3.046	.011

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.589286	.241201	292	14.881	.000	3.114574	4.063998
[b4=1.00]	-.675824	.271737	292	-2.487	.013	-1.210635	-.141013
[b4=2.00]	-.363095	.311389	292.000	-1.166	.245	-.975946	.249755
[b4=3.00]	-.437500	.269670	292	-1.622	.106	-.968244	.093244
[b4=4.00]	-.331089	.267451	292.000	-1.238	.217	-.857465	.195287
[b4=5.00]	-.123860	.258539	292	-.479	.632	-.632696	.384976
[b4=6.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.814488	.067407

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.913	.125	292	2.667	3.160
2.00	3.226	.197	292	2.839	3.614
3.00	3.152	.121	292	2.914	3.389
4.00	3.258	.116	292	3.031	3.486
5.00	3.465	.093	292	3.282	3.649
6.00	3.589	.241	292	3.115	4.064

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.313	.233	292	.950	-1.002	.376
	3.00	-.238	.174	292	.940	-.751	.275
	4.00	-.345	.170	292	.490	-.848	.158
	5.00	-.552*	.156	292	.007	-1.012	-.092
	6.00	-.676	.272	292	.184	-1.478	.126
2.00	1.00	.313	.233	292	.950	-.376	1.002
	3.00	.074	.231	292	1.000	-.607	.756
	4.00	-.032	.228	292	1.000	-.706	.642
	5.00	-.239	.218	292	.992	-.882	.404
	6.00	-.363	.311	292.000	.985	-1.282	.556

3.00	1.00	.238	.174	292	.940	-.275	.751
	2.00	-.074	.231	292	1.000	-.756	.607
	4.00	-.106	.167	292	1.000	-.599	.387
	5.00	-.314	.152	292	.461	-.763	.136
	6.00	-.438	.270	292	.813	-1.234	.359
4.00	1.00	.345	.170	292	.490	-.158	.848
	2.00	.032	.228	292	1.000	-.642	.706
	3.00	.106	.167	292	1.000	-.387	.599
	5.00	-.207	.148	292	.931	-.645	.231
	6.00	-.331	.267	292.000	.974	-1.121	.458
5.00	1.00	.552*	.156	292	.007	.092	1.012
	2.00	.239	.218	292	.992	-.404	.882
	3.00	.314	.152	292	.461	-.136	.763
	4.00	.207	.148	292	.931	-.231	.645
	6.00	-.124	.259	292	1.000	-.887	.639
6.00	1.00	.676	.272	292	.184	-.126	1.478
	2.00	.363	.311	292.000	.985	-.556	1.282
	3.00	.438	.270	292	.813	-.359	1.234
	4.00	.331	.267	292.000	.974	-.458	1.121
	5.00	.124	.259	292	1.000	-.639	.887

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: E_Cont_SPD.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	3.046	.011

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
```

```
  ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
/FIXED=b4 | SSTYPE(3)
/METHOD=REML
/PRINT=SOLUTION
/EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
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	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_ICT_SPD BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	699.116
Akaike's Information Criterion (AIC)	701.116
Hurvich and Tsai's Criterion (AICC)	701.130
Bozdogan's Criterion (CAIC)	705.793

Schwarz's Bayesian Criterion (BIC)	704.793

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	292	2207.099	.000
b4	5	292	1.663	.143

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.750000	.206066	292.000	13.345	.000	2.344437	3.155563
[b4=1.00]	-.227564	.232154	292	-.980	.328	-.684471	.229343
[b4=2.00]	-.464286	.266030	292	-1.745	.082	-.987865	.059293
[b4=3.00]	-.187500	.230389	292	-.814	.416	-.640933	.265933
[b4=4.00]	-.121585	.228492	292	-.532	.595	-.571285	.328116
[b4=5.00]	.003546	.220879	292.000	.016	.987	-.431170	.438262
[b4=6.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.594484	.049200

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.522	.107	292	2.312	2.733
2.00	2.286	.168	292	1.955	2.617
3.00	2.563	.103	292.000	2.360	2.765
4.00	2.628	.099	292	2.434	2.823
5.00	2.754	.080	292	2.597	2.910
6.00	2.750	.206	292.000	2.344	3.156

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.237	.199	292	.982	-.352	.825
	3.00	-.040	.148	292	1.000	-.478	.398
	4.00	-.106	.146	292	1.000	-.536	.324
	5.00	-.231	.133	292	.731	-.624	.162
	6.00	-.228	.232	292	.997	-.913	.458
2.00	1.00	-.237	.199	292	.982	-.825	.352
	3.00	-.277	.197	292	.929	-.859	.306
	4.00	-.343	.195	292	.714	-.919	.233
	5.00	-.468	.186	292	.172	-1.017	.082
	6.00	-.464	.266	292	.723	-1.250	.321

3.00	1.00	.040	.148	292	1.000	-.398	.478
	2.00	.277	.197	292	.929	-.306	.859
	4.00	-.066	.143	292.000	1.000	-.487	.355
	5.00	-.191	.130	292	.902	-.575	.193
	6.00	-.187	.230	292	1.000	-.868	.493
4.00	1.00	.106	.146	292	1.000	-.324	.536
	2.00	.343	.195	292	.714	-.233	.919
	3.00	.066	.143	292.000	1.000	-.355	.487
	5.00	-.125	.127	292	.997	-.499	.249
	6.00	-.122	.228	292	1.000	-.796	.553
5.00	1.00	.231	.133	292	.731	-.162	.624
	2.00	.468	.186	292	.172	-.082	1.017
	3.00	.191	.130	292	.902	-.193	.575
	4.00	.125	.127	292	.997	-.249	.499
	6.00	.004	.221	292.000	1.000	-.648	.656
6.00	1.00	.228	.232	292	.997	-.458	.913
	2.00	.464	.266	292	.723	-.321	1.250
	3.00	.187	.230	292	1.000	-.493	.868
	4.00	.122	.228	292	1.000	-.553	.796
	5.00	-.004	.221	292.000	1.000	-.656	.648

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	292	1.663	.143

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
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	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_Building_SPI BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	375.500
Akaike's Information Criterion (AIC)	377.500
Hurvich and Tsai's Criterion (AICC)	377.514
Bozdogan's Criterion (CAIC)	382.181
Schwarz's Bayesian Criterion (BIC)	381.181

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	293	10769.844	.000
b4	5	293	3.023	.011

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.622449	.118153	293	30.659	.000	3.389914	3.854984
[b4=1.00]	-.347724	.133111	293	-2.612	.009	-.609698	-.085749
[b4=2.00]	-.493197	.152534	293.000	-3.233	.001	-.793399	-.192996
[b4=3.00]	-.426020	.132099	293	-3.225	.001	-.686003	-.166038
[b4=4.00]	-.470224	.131011	293	-3.589	.000	-.728067	-.212382
[b4=5.00]	-.368314	.126559	293	-2.910	.004	-.617394	-.119233
[b4=6.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.195440	.016147

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

b4

Estimates[a]

				95% Confidence Interval

b4	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	3.275	.061	293	3.154	3.395
2.00	3.129	.096	293	2.939	3.319
3.00	3.196	.059	293	3.080	3.313
4.00	3.152	.057	293	3.041	3.264
5.00	3.254	.045	293	3.165	3.343
6.00	3.622	.118	293	3.390	3.855

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	.145	.114	293	.967	-.192	.483
	3.00	.078	.085	293	.999	-.173	.330
	4.00	.123	.083	293	.901	-.124	.369
	5.00	.021	.076	293	1.000	-.205	.246
	6.00	-.348	.133	293	.133	-.741	.045
2.00	1.00	-.145	.114	293	.967	-.483	.192
	3.00	-.067	.113	293	1.000	-.401	.267
	4.00	-.023	.112	293	1.000	-.353	.307
	5.00	-.125	.107	293	.984	-.440	.190
	6.00	-.493*	.153	293.000	.020	-.943	-.043
3.00	1.00	-.078	.085	293	.999	-.330	.173
	2.00	.067	.113	293	1.000	-.267	.401
	4.00	.044	.082	293	1.000	-.197	.286
	5.00	-.058	.074	293	1.000	-.278	.162
	6.00	-.426*	.132	293	.021	-.816	-.036
4.00	1.00	-.123	.083	293	.901	-.369	.124
	2.00	.023	.112	293	1.000	-.307	.353
	3.00	-.044	.082	293	1.000	-.286	.197
	5.00	-.102	.073	293	.928	-.316	.112
	6.00	-.470*	.131	293	.006	-.857	-.083
5.00	1.00	-.021	.076	293	1.000	-.246	.205
	2.00	.125	.107	293	.984	-.190	.440
	3.00	.058	.074	293	1.000	-.162	.278

	4.00	.102	.073	293	.928	-.112	.316
	6.00	-.368	.127	293	.057	-.742	.005
6.00	1.00	.348	.133	293	.133	-.045	.741
	2.00	.493*	.153	293.000	.020	.043	.943
	3.00	.426*	.132	293	.021	.036	.816
	4.00	.470*	.131	293	.006	.083	.857
	5.00	.368	.127	293	.057	-.005	.742

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: F_Building_SPI.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	3.023	.011

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:03:09
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_PD_Models BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1

Total	7	7

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	451.262
Akaike's Information Criterion (AIC)	453.262
Hurvich and Tsai's Criterion (AICC)	453.276
Bozdogan's Criterion (CAIC)	457.942
Schwarz's Bayesian Criterion (BIC)	456.942

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293	8309.678	.000
b4	5	293	.692	.630

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.428571	.134459	293	25.499	.000	3.163943	3.693200
[b4=1.00]	-.125687	.151482	293	-.830	.407	-.423818	.172444
[b4=2.00]	-.273810	.173586	293.000	-1.577	.116	-.615444	.067825
[b4=3.00]	-.218750	.150330	293	-1.455	.147	-.514614	.077114
[b4=4.00]	-.158080	.149093	293	-1.060	.290	-.451509	.135349

[b4=5.00]	-.173308	.144027	293	-1.203	.230	-.456766	.110150
[b4=6.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.253111	.020912

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

b4

Estimates[a]

				95% Confidence Interval	
b4	Mean	Std. Error	df	Lower Bound	Upper Bound
1.00	3.303	.070	293	3.166	3.440
2.00	3.155	.110	293	2.939	3.371
3.00	3.210	.067	293	3.078	3.342
4.00	3.270	.064	293	3.144	3.397
5.00	3.255	.052	293	3.154	3.357
6.00	3.429	.134	293	3.164	3.693

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

					95% Confidence Interval for Difference[b]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	Lower Bound	Upper Bound
1.00	2.00	.148	.130	293	.988	-.236	.532
	3.00	.093	.097	293	.998	-.193	.379
	4.00	.032	.095	293	1.000	-.248	.313
	5.00	.048	.087	293	1.000	-.209	.304
	6.00	-.126	.151	293	1.000	-.573	.321
2.00	1.00	-.148	.130	293	.988	-.532	.236
	3.00	-.055	.129	293	1.000	-.435	.325
	4.00	-.116	.127	293	.999	-.491	.260
	5.00	-.101	.121	293	1.000	-.459	.258
	6.00	-.274	.174	293.000	.842	-.786	.239
3.00	1.00	-.093	.097	293	.998	-.379	.193
	2.00	.055	.129	293	1.000	-.325	.435
	4.00	-.061	.093	293	1.000	-.336	.214
	5.00	-.045	.085	293	1.000	-.296	.205
	6.00	-.219	.150	293	.907	-.663	.225
4.00	1.00	-.032	.095	293	1.000	-.313	.248
	2.00	.116	.127	293	.999	-.260	.491
	3.00	.061	.093	293	1.000	-.214	.336
	5.00	.015	.083	293	1.000	-.228	.259
	6.00	-.158	.149	293	.994	-.598	.282
5.00	1.00	-.048	.087	293	1.000	-.304	.209
	2.00	.101	.121	293	1.000	-.258	.459
	3.00	.045	.085	293	1.000	-.205	.296
	4.00	-.015	.083	293	1.000	-.259	.228
	6.00	-.173	.144	293	.980	-.598	.252
6.00	1.00	.126	.151	293	1.000	-.321	.573
	2.00	.274	.174	293.000	.842	-.239	.786
	3.00	.219	.150	293	.907	-.225	.663
	4.00	.158	.149	293	.994	-.282	.598
	5.00	.173	.144	293	.980	-.252	.598

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	.692	.630

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY b4
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b4 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:09
Comments		
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	Active Dataset	DataSet7
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_ODL_SPD BY b4 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b4 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b4) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b4	6	5
Residual			1
Total		7	7

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	490.454
Akaike's Information Criterion (AIC)	492.454
Hurvich and Tsai's Criterion (AICC)	492.468
Bozdogan's Criterion (CAIC)	497.134

Schwarz's Bayesian Criterion (BIC)	496.134

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	293	7135.151	.000
b4	5	293	3.060	.010

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.562500	.143760	293	24.781	.000	3.279567	3.845433
[b4=1.00]	-.192308	.161960	293	-1.187	.236	-.511060	.126444
[b4=2.00]	-.491071	.185593	293	-2.646	.009	-.856336	-.125807
[b4=3.00]	-.426339	.160728	293	-2.653	.008	-.742667	-.110011
[b4=4.00]	-.394467	.159405	293.000	-2.475	.014	-.708192	-.080743
[b4=5.00]	-.430921	.153989	293	-2.798	.005	-.733985	-.127857
[b4=6.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error

Residual	.289336	.023905

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

b4

Estimates[a]

b4	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.370	.075	293	3.223	3.517
2.00	3.071	.117	293	2.840	3.302
3.00	3.136	.072	293	2.995	3.278
4.00	3.168	.069	293	3.032	3.304
5.00	3.132	.055	293.000	3.023	3.240
6.00	3.563	.144	293	3.280	3.845

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) b4		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.299	.139	293	.391	-.112	.709
	3.00	.234	.104	293	.312	-.072	.540
	4.00	.202	.102	293	.517	-.098	.502
	5.00	.239	.093	293	.148	-.035	.513
	6.00	-.192	.162	293	.982	-.670	.286
2.00	1.00	-.299	.139	293	.391	-.709	.112
	3.00	-.065	.138	293	1.000	-.471	.342
	4.00	-.097	.136	293	1.000	-.498	.305
	5.00	-.060	.130	293	1.000	-.443	.323
	6.00	-.491	.186	293	.121	-1.039	.057

3.00	1.00	-.234	.104	293	.312	-.540	.072
	2.00	.065	.138	293	1.000	-.342	.471
	4.00	-.032	.100	293	1.000	-.326	.262
	5.00	.005	.091	293	1.000	-.263	.272
	6.00	-.426	.161	293	.119	-.901	.048
4.00	1.00	-.202	.102	293	.517	-.502	.098
	2.00	.097	.136	293	1.000	-.305	.498
	3.00	.032	.100	293	1.000	-.262	.326
	5.00	.036	.088	293	1.000	-.224	.297
	6.00	-.394	.159	293.000	.189	-.865	.076
5.00	1.00	-.239	.093	293	.148	-.513	.035
	2.00	.060	.130	293	1.000	-.323	.443
	3.00	-.005	.091	293	1.000	-.272	.263
	4.00	-.036	.088	293	1.000	-.297	.224
	6.00	-.431	.154	293	.079	-.885	.024
6.00	1.00	.192	.162	293	.982	-.286	.670
	2.00	.491	.186	293	.121	-.057	1.039
	3.00	.426	.161	293	.119	-.048	.901
	4.00	.394	.159	293.000	.189	-.076	.865
	5.00	.431	.154	293	.079	-.024	.885

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
5	293	3.060	.010

The F tests the effect of b4. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
MIXED C_Pol_Iniciatives BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
```

```
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Pol_Iniciatives BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.05

Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	804.961
Akaike's Information Criterion (AIC)	806.961
Hurvich and Tsai's Criterion (AICC)	806.974
Bozdogan's Criterion (CAIC)	811.644
Schwarz's Bayesian Criterion (BIC)	810.644

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	1832.930	.000

b5	4	294.000	1.751	.139

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.895833	.230285	294	12.575	.000	2.442618	3.349049
[b5=1.00]	.315278	.331055	294.000	.952	.342	-.336261	.966816
[b5=2.00]	.323793	.246903	294	1.311	.191	-.162128	.809714
[b5=3.00]	.266957	.250793	294	1.064	.288	-.226621	.760535
[b5=4.00]	.559722	.253662	294	2.207	.028	.060499	1.058946
[b5=5.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.848498	.069983

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.211	.238	294	2.743	3.679

2.00	3.220	.089	294.000	3.044	3.395
3.00	3.163	.099	294	2.967	3.358
4.00	3.456	.106	294.000	3.246	3.665
5.00	2.896	.230	294	2.443	3.349

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.009	.254	294	1.000	-.725	.708
	3.00	.048	.258	294	1.000	-.679	.775
	4.00	-.244	.261	294	.986	-.979	.490
	5.00	.315	.331	294.000	.985	-.619	1.249
2.00	1.00	.009	.254	294	1.000	-.708	.725
	3.00	.057	.133	294	1.000	-.319	.433
	4.00	-.236	.139	294	.611	-.627	.155
	5.00	.324	.247	294	.880	-.373	1.020
3.00	1.00	-.048	.258	294	1.000	-.775	.679
	2.00	-.057	.133	294	1.000	-.433	.319
	4.00	-.293	.146	294	.370	-.703	.118
	5.00	.267	.251	294	.967	-.440	.974
4.00	1.00	.244	.261	294	.986	-.490	.979
	2.00	.236	.139	294	.611	-.155	.627
	3.00	.293	.146	294	.370	-.118	.703
	5.00	.560	.254	294	.248	-.156	1.275
5.00	1.00	-.315	.331	294.000	.985	-1.249	.619
	2.00	-.324	.247	294	.880	-1.020	.373
	3.00	-.267	.251	294	.967	-.974	.440
	4.00	-.560	.254	294	.248	-1.275	.156

Based on estimated marginal means

a. Dependent Variable: C_Pol_Iniciatives.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	1.751	.139

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
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	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_DOE BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	950.704
Akaike's Information Criterion (AIC)	952.704
Hurvich and Tsai's Criterion (AICC)	952.717
Bozdogan's Criterion (CAIC)	957.387

Schwarz's Bayesian Criterion (BIC)	956.387

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	1170.068	.000
b5	4	294.000	3.993	.004

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.510417	.295060	294	11.897	.000	2.929719	4.091114
[b5=1.00]	-.543750	.424176	294.000	-1.282	.201	-1.378556	.291056
[b5=2.00]	-.320386	.316352	294	-1.013	.312	-.942988	.302217
[b5=3.00]	-.527859	.321338	294	-1.643	.102	-1.160272	.104555
[b5=4.00]	.162917	.325013	294	.501	.617	-.476730	.802563
[b5=5.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.392968	.114890

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.967	.305	294	2.367	3.566
2.00	3.190	.114	294	2.965	3.415
3.00	2.983	.127	294	2.732	3.233
4.00	3.673	.136	294	3.405	3.942
5.00	3.510	.295	294	2.930	4.091

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.223	.325	294	.999	-1.141	.695
	3.00	-.016	.330	294	1.000	-.947	.916
	4.00	-.707	.334	294	.301	-1.648	.235
	5.00	-.544	.424	294.000	.894	-1.740	.653
2.00	1.00	.223	.325	294	.999	-.695	1.141
	3.00	.207	.171	294	.923	-.275	.690
	4.00	-.483	.178	294	.067	-.985	.018
	5.00	-.320	.316	294	.976	-1.213	.572
3.00	1.00	.016	.330	294	1.000	-.916	.947
	2.00	-.207	.171	294	.923	-.690	.275
	4.00	-.691*	.186	294	.003	-1.217	-.165
	5.00	-.528	.321	294	.657	-1.434	.379

4.00	1.00	.707	.334	294	.301	-.235	1.648
	2.00	.483	.178	294	.067	-.018	.985
	3.00	.691*	.186	294	.003	.165	1.217
	5.00	.163	.325	294	1.000	-.754	1.080
5.00	1.00	.544	.424	294.000	.894	-.653	1.740
	2.00	.320	.316	294	.976	-.572	1.213
	3.00	.528	.321	294	.657	-.379	1.434
	4.00	-.163	.325	294	1.000	-1.080	.754

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_DOE.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	3.993	.004

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:03:24

Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4

Residual		1
Total	6	6

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	690.767
Akaike's Information Criterion (AIC)	692.767
Hurvich and Tsai's Criterion (AICC)	692.781
Bozdogan's Criterion (CAIC)	697.451
Schwarz's Bayesian Criterion (BIC)	696.451

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	2246.467	.000
b5	4	294.000	2.846	.024

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.910714	.189637	294	15.349	.000	2.537497	3.283932
[b5=1.00]	-.072619	.272620	294	-.266	.790	-.609153	.463915
[b5=2.00]	.003838	.203321	294.000	.019	.985	-.396311	.403988
[b5=3.00]	-.174834	.206525	294	-.847	.398	-.581289	.231622

[b5=4.00]	.226429	.208888	294	1.084	.279	-.184676	.637533
[b5=5.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.575393	.047458

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.838	.196	294	2.453	3.224
2.00	2.915	.073	294	2.770	3.059
3.00	2.736	.082	294	2.575	2.897
4.00	3.137	.088	294	2.965	3.310
5.00	2.911	.190	294	2.537	3.284

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) b5	Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
					Lower Bound	Upper Bound

1.00	2.00	-.076	.209	294	1.000	-.666	.513
	3.00	.102	.212	294	1.000	-.497	.701
	4.00	-.299	.215	294	.834	-.904	.306
	5.00	-.073	.273	294	1.000	-.842	.696
2.00	1.00	.076	.209	294	1.000	-.513	.666
	3.00	.179	.110	294	.670	-.131	.489
	4.00	-.223	.114	294	.416	-.545	.100
	5.00	.004	.203	294.000	1.000	-.570	.577
3.00	1.00	-.102	.212	294	1.000	-.701	.497
	2.00	-.179	.110	294	.670	-.489	.131
	4.00	-.401*	.120	294	.009	-.739	-.063
	5.00	-.175	.207	294	.994	-.757	.408
4.00	1.00	.299	.215	294	.834	-.306	.904
	2.00	.223	.114	294	.416	-.100	.545
	3.00	.401*	.120	294	.009	.063	.739
	5.00	.226	.209	294	.962	-.363	.816
5.00	1.00	.073	.273	294	1.000	-.696	.842
	2.00	-.004	.203	294.000	1.000	-.577	.570
	3.00	.175	.207	294	.994	-.408	.757
	4.00	-.226	.209	294	.962	-.816	.363

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_Mangm.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	2.846	.024

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
```

```
  ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
/FIXED=b5 | SSTYPE(3)
/METHOD=REML
/PRINT=SOLUTION
/EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_TL BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	830.201
Akaike's Information Criterion (AIC)	832.201
Hurvich and Tsai's Criterion (AICC)	832.215
Bozdogan's Criterion (CAIC)	836.885

Schwarz's Bayesian Criterion (BIC)	835.885

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	1758.468	.000
b5	4	294.000	3.361	.010

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.484375	.240385	294	14.495	.000	3.011281	3.957469
[b5=1.00]	-.401042	.345576	294	-1.161	.247	-1.081158	.279074
[b5=2.00]	-.288113	.257732	294	-1.118	.265	-.795347	.219121
[b5=3.00]	-.475654	.261794	294	-1.817	.070	-.990881	.039573
[b5=4.00]	.045625	.264788	294.000	.172	.863	-.475495	.566745
[b5=5.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.924563	.076257

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.083	.248	294	2.595	3.572
2.00	3.196	.093	294	3.013	3.379
3.00	3.009	.104	294	2.805	3.213
4.00	3.530	.111	294	3.311	3.749
5.00	3.484	.240	294	3.011	3.957

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.113	.265	294	1.000	-.861	.635
	3.00	.075	.269	294	1.000	-.684	.834
	4.00	-.447	.272	294	.657	-1.214	.320
	5.00	-.401	.346	294	.941	-1.376	.574
2.00	1.00	.113	.265	294	1.000	-.635	.861
	3.00	.188	.139	294	.861	-.205	.580
	4.00	-.334	.145	294	.198	-.742	.075
	5.00	-.288	.258	294	.954	-1.015	.439
3.00	1.00	-.075	.269	294	1.000	-.834	.684
	2.00	-.188	.139	294	.861	-.580	.205
	4.00	-.521*	.152	294	.007	-.950	-.093
	5.00	-.476	.262	294	.517	-1.214	.263

4.00	1.00		.447	.272	294	.657	-.320	1.214
	2.00		.334	.145	294	.198	-.075	.742
	3.00		.521*	.152	294	.007	.093	.950
	5.00		.046	.265	294.000	1.000	-.701	.793
5.00	1.00		.401	.346	294	.941	-.574	1.376
	2.00		.288	.258	294	.954	-.439	1.015
	3.00		.476	.262	294	.517	-.263	1.214
	4.00		-.046	.265	294.000	1.000	-.793	.701

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_TL.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	3.361	.010

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:03:24

Comments		
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	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TK BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4

Residual		1
Total	6	6

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	554.127
Akaike's Information Criterion (AIC)	556.127
Hurvich and Tsai's Criterion (AICC)	556.141
Bozdogan's Criterion (CAIC)	560.810
Schwarz's Bayesian Criterion (BIC)	559.810

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	4300.951	.000
b5	4	294.000	1.013	.401

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.218750	.150314	294	21.413	.000	2.922921	3.514579
[b5=1.00]	-.118750	.216091	294	-.550	.583	-.544030	.306530
[b5=2.00]	-.097255	.161161	294.000	-.603	.547	-.414431	.219922
[b5=3.00]	-.009448	.163701	294	-.058	.954	-.331622	.312727
[b5=4.00]	.074583	.165573	294.000	.450	.653	-.251276	.400443

[b5=5.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.361511	.029817

a. Dependent Variable: D_TK.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.100	.155	294	2.794	3.406
2.00	3.121	.058	294	3.007	3.236
3.00	3.209	.065	294	3.082	3.337
4.00	3.293	.069	294	3.157	3.430
5.00	3.219	.150	294	2.923	3.515

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.021	.166	294	1.000	-.489	.446
	3.00	-.109	.168	294	.999	-.584	.365

	4.00	-.193	.170	294	.948	-.673	.286
	5.00	-.119	.216	294	1.000	-.728	.491
2.00	1.00	.021	.166	294	1.000	-.446	.489
	3.00	-.088	.087	294	.977	-.333	.158
	4.00	-.172	.091	294	.454	-.427	.084
	5.00	-.097	.161	294.000	1.000	-.552	.357
3.00	1.00	.109	.168	294	.999	-.365	.584
	2.00	.088	.087	294	.977	-.158	.333
	4.00	-.084	.095	294	.991	-.352	.184
	5.00	-.009	.164	294	1.000	-.471	.452
4.00	1.00	.193	.170	294	.948	-.286	.673
	2.00	.172	.091	294	.454	-.084	.427
	3.00	.084	.095	294	.991	-.184	.352
	5.00	.075	.166	294.000	1.000	-.392	.542
5.00	1.00	.119	.216	294	1.000	-.491	.728
	2.00	.097	.161	294.000	1.000	-.357	.552
	3.00	.009	.164	294	1.000	-.452	.471
	4.00	-.075	.166	294.000	1.000	-.542	.392

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	1.013	.401

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
```

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  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TPACK BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02

Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	651.914
Akaike's Information Criterion (AIC)	653.914
Hurvich and Tsai's Criterion (AICC)	653.927
Bozdogan's Criterion (CAIC)	658.597
Schwarz's Bayesian Criterion (BIC)	657.597

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	2237.377	.000

b5	4	294.000	.835	.504

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.662500	.177511	294	14.999	.000	2.313147	3.011853
[b5=1.00]	.110833	.255188	294.000	.434	.664	-.391394	.613061
[b5=2.00]	.087033	.190321	294.000	.457	.648	-.287531	.461596
[b5=3.00]	-.057849	.193320	294	-.299	.765	-.438315	.322617
[b5=4.00]	.126833	.195531	294	.649	.517	-.257984	.511651
[b5=5.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.504163	.041583

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.773	.183	294	2.413	3.134

2.00	2.750	.069	294	2.614	2.885
3.00	2.605	.077	294.000	2.454	2.755
4.00	2.789	.082	294	2.628	2.951
5.00	2.663	.178	294	2.313	3.012

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.024	.196	294	1.000	-.528	.576
	3.00	.169	.199	294	.994	-.392	.729
	4.00	-.016	.201	294	1.000	-.583	.551
	5.00	.111	.255	294.000	1.000	-.609	.831
2.00	1.00	-.024	.196	294	1.000	-.576	.528
	3.00	.145	.103	294.000	.825	-.145	.435
	4.00	-.040	.107	294	1.000	-.341	.262
	5.00	.087	.190	294.000	1.000	-.450	.624
3.00	1.00	-.169	.199	294	.994	-.729	.392
	2.00	-.145	.103	294.000	.825	-.435	.145
	4.00	-.185	.112	294	.654	-.501	.132
	5.00	-.058	.193	294	1.000	-.603	.487
4.00	1.00	.016	.201	294	1.000	-.551	.583
	2.00	.040	.107	294	1.000	-.262	.341
	3.00	.185	.112	294	.654	-.132	.501
	5.00	.127	.196	294	.999	-.425	.678
5.00	1.00	-.111	.255	294.000	1.000	-.831	.609
	2.00	-.087	.190	294.000	1.000	-.624	.450
	3.00	.058	.193	294	1.000	-.487	.603
	4.00	-.127	.196	294	.999	-.678	.425

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	.835	.504

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED E_Cont_SPD BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	790.538
Akaike's Information Criterion (AIC)	792.538
Hurvich and Tsai's Criterion (AICC)	792.552
Bozdogan's Criterion (CAIC)	797.222

Schwarz's Bayesian Criterion (BIC)	796.222

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	1967.865	.000
b5	4	294.000	4.107	.003

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.312500	.224705	294	14.742	.000	2.870265	3.754735
[b5=1.00]	-.395833	.323034	294	-1.225	.221	-1.031586	.239919
[b5=2.00]	-.137266	.240921	294	-.570	.569	-.611414	.336881
[b5=3.00]	-.199128	.244717	294	-.814	.416	-.680747	.282491
[b5=4.00]	.290833	.247516	294	1.175	.241	-.196294	.777961
[b5=5.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.807879	.066633

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.917	.232	294	2.460	3.373
2.00	3.175	.087	294	3.004	3.346
3.00	3.113	.097	294.000	2.923	3.304
4.00	3.603	.104	294	3.399	3.808
5.00	3.313	.225	294	2.870	3.755

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.259	.248	294	.971	-.958	.440
	3.00	-.197	.252	294	.997	-.906	.513
	4.00	-.687	.254	294	.071	-1.404	.030
	5.00	-.396	.323	294	.918	-1.307	.515
2.00	1.00	.259	.248	294	.971	-.440	.958
	3.00	.062	.130	294	1.000	-.305	.429
	4.00	-.428*	.135	294	.017	-.810	-.046
	5.00	-.137	.241	294	1.000	-.817	.542
3.00	1.00	.197	.252	294	.997	-.513	.906
	2.00	-.062	.130	294	1.000	-.429	.305
	4.00	-.490*	.142	294	.006	-.891	-.089
	5.00	-.199	.245	294	.995	-.889	.491

4.00	1.00	.687	.254	294	.071	-.030	1.404
	2.00	.428*	.135	294	.017	.046	.810
	3.00	.490*	.142	294	.006	.089	.891
	5.00	.291	.248	294	.937	-.407	.989
5.00	1.00	.396	.323	294	.918	-.515	1.307
	2.00	.137	.241	294	1.000	-.542	.817
	3.00	.199	.245	294	.995	-.491	.889
	4.00	-.291	.248	294	.937	-.989	.407

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: E_Cont_SPD.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	4.107	.003

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:03:24

Comments		
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_ICT_SPD BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4

Residual		1
Total	6	6

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	704.169
Akaike's Information Criterion (AIC)	706.169
Hurvich and Tsai's Criterion (AICC)	706.183
Bozdogan's Criterion (CAIC)	710.853
Schwarz's Bayesian Criterion (BIC)	709.853

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	294	1741.877	.000
b5	4	294.000	.647	.630

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.656250	.194009	294	13.691	.000	2.274428	3.038072
[b5=1.00]	-.100694	.278905	294.000	-.361	.718	-.649598	.448209
[b5=2.00]	-.086157	.208009	294	-.414	.679	-.495532	.323219
[b5=3.00]	-.080669	.211287	294	-.382	.703	-.496495	.335158

[b5=4.00]	.081528	.213703	294	.381	.703	-.339055	.502110
[b5=5.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.602230	.049671

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.556	.200	294	2.161	2.950
2.00	2.570	.075	294	2.422	2.718
3.00	2.576	.084	294.000	2.411	2.740
4.00	2.738	.090	294.000	2.561	2.914
5.00	2.656	.194	294	2.274	3.038

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) b5	Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
					Lower Bound	Upper Bound

1.00	2.00	-.015	.214	294	1.000	-.618	.589
	3.00	-.020	.217	294	1.000	-.633	.592
	4.00	-.182	.219	294	.995	-.801	.437
	5.00	-.101	.279	294.000	1.000	-.887	.686
2.00	1.00	.015	.214	294	1.000	-.589	.618
	3.00	-.005	.112	294	1.000	-.323	.312
	4.00	-.168	.117	294	.809	-.497	.162
	5.00	-.086	.208	294	1.000	-.673	.501
3.00	1.00	.020	.217	294	1.000	-.592	.633
	2.00	.005	.112	294	1.000	-.312	.323
	4.00	-.162	.123	294	.874	-.508	.184
	5.00	-.081	.211	294	1.000	-.677	.515
4.00	1.00	.182	.219	294	.995	-.437	.801
	2.00	.168	.117	294	.809	-.162	.497
	3.00	.162	.123	294	.874	-.184	.508
	5.00	.082	.214	294	1.000	-.521	.684
5.00	1.00	.101	.279	294.000	1.000	-.686	.887
	2.00	.086	.208	294	1.000	-.501	.673
	3.00	.081	.211	294	1.000	-.515	.677
	4.00	-.082	.214	294	1.000	-.684	.521

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	294.000	.647	.630

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_Building_SPI BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	385.915
Akaike's Information Criterion (AIC)	387.915
Hurvich and Tsai's Criterion (AICC)	387.929
Bozdogan's Criterion (CAIC)	392.602
Schwarz's Bayesian Criterion (BIC)	391.602

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	295.000	8000.017	.000
b5	4	295.000	.901	.464

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.401786	.112676	295	30.191	.000	3.180035	3.623536
[b5=1.00]	-.192262	.161982	295.000	-1.187	.236	-.511049	.126525
[b5=2.00]	-.210864	.120807	295.000	-1.745	.082	-.448617	.026888
[b5=3.00]	-.139327	.122711	295.000	-1.135	.257	-.380827	.102172
[b5=4.00]	-.176222	.123971	295.000	-1.421	.156	-.420201	.067757
[b5=5.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.203134	.016726

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound

1.00	3.210	.116	295	2.981	3.439
2.00	3.191	.044	295	3.105	3.277
3.00	3.262	.049	295	3.167	3.358
4.00	3.226	.052	295.000	3.124	3.327
5.00	3.402	.113	295	3.180	3.624

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.019	.124	295	1.000	-.332	.369
	3.00	-.053	.126	295	1.000	-.409	.303
	4.00	-.016	.127	295	1.000	-.375	.343
	5.00	-.192	.162	295.000	.932	-.649	.265
2.00	1.00	-.019	.124	295	1.000	-.369	.332
	3.00	-.072	.065	295	.959	-.256	.113
	4.00	-.035	.068	295	1.000	-.225	.156
	5.00	-.211	.121	295.000	.575	-.552	.130
3.00	1.00	.053	.126	295	1.000	-.303	.409
	2.00	.072	.065	295	.959	-.113	.256
	4.00	.037	.071	295	1.000	-.163	.237
	5.00	-.139	.123	295.000	.949	-.485	.207
4.00	1.00	.016	.127	295	1.000	-.343	.375
	2.00	.035	.068	295	1.000	-.156	.225
	3.00	-.037	.071	295	1.000	-.237	.163
	5.00	-.176	.124	295.000	.817	-.526	.173
5.00	1.00	.192	.162	295.000	.932	-.265	.649
	2.00	.211	.121	295.000	.575	-.130	.552
	3.00	.139	.123	295.000	.949	-.207	.485
	4.00	.176	.124	295.000	.817	-.173	.526

Based on estimated marginal means

a. Dependent Variable: F_Building_SPI.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	295.000	.901	.464

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:03:24
Comments		
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_PD_Models BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1
Total		6	6

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	453.873
Akaike's Information Criterion (AIC)	455.873
Hurvich and Tsai's Criterion (AICC)	455.887
Bozdogan's Criterion (CAIC)	460.560

Schwarz's Bayesian Criterion (BIC)	459.560

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	295	6341.866	.000
b5	4	295.000	.159	.959

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.265625	.126431	295	25.829	.000	3.016803	3.514447
[b5=1.00]	-.015625	.181756	295	-.086	.932	-.373329	.342079
[b5=2.00]	.019422	.135555	295	.143	.886	-.247356	.286199
[b5=3.00]	-.018532	.137691	295	-.135	.893	-.289513	.252449
[b5=4.00]	-.038651	.139105	295	-.278	.781	-.312415	.235112
[b5=5.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.255758	.021059

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.250	.131	295	2.993	3.507
2.00	3.285	.049	295	3.189	3.381
3.00	3.247	.055	295	3.140	3.354
4.00	3.227	.058	295.000	3.113	3.341
5.00	3.266	.126	295	3.017	3.514

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.035	.139	295	1.000	-.428	.358
	3.00	.003	.142	295	1.000	-.396	.402
	4.00	.023	.143	295	1.000	-.380	.426
	5.00	-.016	.182	295	1.000	-.528	.497
2.00	1.00	.035	.139	295	1.000	-.358	.428
	3.00	.038	.073	295	1.000	-.169	.245
	4.00	.058	.076	295	.997	-.156	.272
	5.00	.019	.136	295	1.000	-.363	.402
3.00	1.00	-.003	.142	295	1.000	-.402	.396
	2.00	-.038	.073	295	1.000	-.245	.169
	4.00	.020	.080	295	1.000	-.204	.245
	5.00	-.019	.138	295	1.000	-.407	.370

4.00	1.00	-.023	.143	295	1.000	-.426	.380
	2.00	-.058	.076	295	.997	-.272	.156
	3.00	-.020	.080	295	1.000	-.245	.204
	5.00	-.039	.139	295	1.000	-.431	.354
5.00	1.00	.016	.182	295	1.000	-.497	.528
	2.00	-.019	.136	295	1.000	-.402	.363
	3.00	.019	.138	295	1.000	-.370	.407
	4.00	.039	.139	295	1.000	-.354	.431

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	295.000	.159	.959

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY b5
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=b5 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:03:24
Comments	

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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_ODL_SPD BY b5 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=b5 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(b5) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	b5	5	4
Residual			1

Total	6	6

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	501.434
Akaike's Information Criterion (AIC)	503.434
Hurvich and Tsai's Criterion (AICC)	503.447
Bozdogan's Criterion (CAIC)	508.121
Schwarz's Bayesian Criterion (BIC)	507.121

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	295	5247.275	.000
b5	4	295.000	1.021	.397

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.281250	.137045	295	23.943	.000	3.011540	3.550960
[b5=1.00]	-.056250	.197015	295	-.286	.775	-.443983	.331483
[b5=2.00]	-.047605	.146935	295	-.324	.746	-.336778	.241568
[b5=3.00]	-.061773	.149250	295.000	-.414	.679	-.355503	.231957
[b5=4.00]	-.194079	.150782	295	-1.287	.199	-.490825	.102667

[b5=5.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.300502	.024743

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

b5

Estimates[a]

b5	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.225	.142	295	2.946	3.504
2.00	3.234	.053	295	3.129	3.338
3.00	3.219	.059	295	3.103	3.336
4.00	3.087	.063	295.000	2.963	3.211
5.00	3.281	.137	295	3.012	3.551

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) b5		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.009	.151	295	1.000	-.435	.418

	3.00	.006	.153	295	1.000	-.427	.438
	4.00	.138	.155	295	.991	-.299	.575
	5.00	-.056	.197	295	1.000	-.612	.499
2.00	1.00	.009	.151	295	1.000	-.418	.435
	3.00	.014	.079	295	1.000	-.210	.238
	4.00	.146	.082	295	.546	-.085	.378
	5.00	-.048	.147	295	1.000	-.462	.367
3.00	1.00	-.006	.153	295	1.000	-.438	.427
	2.00	-.014	.079	295	1.000	-.238	.210
	4.00	.132	.086	295	.741	-.111	.376
	5.00	-.062	.149	295.000	1.000	-.483	.359
4.00	1.00	-.138	.155	295	.991	-.575	.299
	2.00	-.146	.082	295	.546	-.378	.085
	3.00	-.132	.086	295	.741	-.376	.111
	5.00	-.194	.151	295	.891	-.619	.231
5.00	1.00	.056	.197	295	1.000	-.499	.612
	2.00	.048	.147	295	1.000	-.367	.462
	3.00	.062	.149	295.000	1.000	-.359	.483
	4.00	.194	.151	295	.891	-.231	.619

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
4	295.000	1.021	.397

The F tests the effect of b5. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

```
MIXED C_Pol_Iniciatives BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
```

```
/PRINT=SOLUTION
/EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
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	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Pol_Iniciatives BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Pol_Iniciatives.

Information Criteria[a]

-2 Restricted Log Likelihood	803.076
Akaike's Information Criterion (AIC)	805.076
Hurvich and Tsai's Criterion (AICC)	805.090
Bozdogan's Criterion (CAIC)	809.770
Schwarz's Bayesian Criterion (BIC)	808.770

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Pol_Iniciatives.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3660.979	.000
a1	1	297	5.004	.026

a. Dependent Variable: C_Pol_Iniciatives.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.352642	.071810	297	46.688	.000	3.211322	3.493963
[a1=1.00]	-.239062	.106869	297	-2.237	.026	-.449379	-.028745
[a1=2.00]	0[b]	0					

a. Dependent Variable: C_Pol_Iniciatives.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.845689	.069398

a. Dependent Variable: C_Pol_Iniciatives.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.114	.079	297	2.958	3.269
2.00	3.353	.072	297	3.211	3.494

a. Dependent Variable: C_Pol_Iniciatives.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.239*	.107	297	.026	-.449	-.029
2.00	1.00	.239*	.107	297	.026	.029	.449

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Pol_Iniciatives.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	5.004	.026

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Pol_Iniciatives.

```
MIXED C_Resp_DOE BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:47:34
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_DOE BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1

Total	3	3

a. Dependent Variable: C_Resp_DOE.

Information Criteria[a]

-2 Restricted Log Likelihood	957.592
Akaike's Information Criterion (AIC)	959.592
Hurvich and Tsai's Criterion (AICC)	959.606
Bozdogan's Criterion (CAIC)	964.286
Schwarz's Bayesian Criterion (BIC)	963.286

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_DOE.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	2185.834	.000
a1	1	297	6.465	.012

a. Dependent Variable: C_Resp_DOE.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.416667	.093144	297	36.681	.000	3.233361	3.599973
[a1=1.00]	-.352469	.138619	297	-2.543	.012	-.625270	-.079668
[a1=2.00]	0[b]	0					

a. Dependent Variable: C_Resp_DOE.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	1.422837	.116759

a. Dependent Variable: C_Resp_DOE.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.064	.103	297	2.862	3.266
2.00	3.417	.093	297	3.233	3.600

a. Dependent Variable: C_Resp_DOE.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.352*	.139	297	.012	-.625	-.080
2.00	1.00	.352*	.139	297	.012	.080	.625

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_DOE.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	6.465	.012

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_DOE.

```
MIXED C_Resp_Mangm BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED C_Resp_Mangm BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Resp_Mangm.

Information Criteria[a]

-2 Restricted Log Likelihood	690.339
Akaike's Information Criterion (AIC)	692.339
Hurvich and Tsai's Criterion (AICC)	692.353

Bozdogan's Criterion (CAIC)	697.033
Schwarz's Bayesian Criterion (BIC)	696.033

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_Mangm.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	4316.764	.000
a1	1	297	6.704	.010

a. Dependent Variable: C_Resp_Mangm.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.018293	.059396	297	50.816	.000	2.901402	3.135183
[a1=1.00]	-.228875	.088395	297	-2.589	.010	-.402834	-.054916
[a1=2.00]	0[b]	0					

a. Dependent Variable: C_Resp_Mangm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.578573	.047478

a. Dependent Variable: C_Resp_Mangm.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.789	.065	297	2.661	2.918
2.00	3.018	.059	297	2.901	3.135

a. Dependent Variable: C_Resp_Mangm.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.229*	.088	297	.010	-.403	-.055
2.00	1.00	.229*	.088	297	.010	.055	.403

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_Mangm.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	6.704	.010

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_Mangm.

```
MIXED C_Resp_TL BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED C_Resp_TL BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: C_Resp_TL.

Information Criteria[a]

-2 Restricted Log Likelihood	829.877
Akaike's Information Criterion (AIC)	831.877
Hurvich and Tsai's Criterion (AICC)	831.891
Bozdogan's Criterion (CAIC)	836.571

Schwarz's Bayesian Criterion (BIC)	835.571

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: C_Resp_TL.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3315.004	.000
a1	1	297	10.117	.002

a. Dependent Variable: C_Resp_TL.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.396341	.075124	297	45.210	.000	3.248499	3.544184
[a1=1.00]	-.355601	.111801	297	-3.181	.002	-.575624	-.135578
[a1=2.00]	0[b]	0					

a. Dependent Variable: C_Resp_TL.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.925551	.075952

a. Dependent Variable: C_Resp_TL.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.041	.083	297	2.878	3.204
2.00	3.396	.075	297	3.248	3.544

a. Dependent Variable: C_Resp_TL.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.356*	.112	297	.002	-.576	-.136
2.00	1.00	.356*	.112	297	.002	.136	.576

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: C_Resp_TL.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	10.117	.002

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: C_Resp_TL.

```
MIXED D_TK BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
```

```
  ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
/FIXED=a1 | SSTYPE(3)
/METHOD=REML
/PRINT=SOLUTION
/EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED D_TK BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: D_TK.

Information Criteria[a]

-2 Restricted Log Likelihood	551.065
Akaike's Information Criterion (AIC)	553.065
Hurvich and Tsai's Criterion (AICC)	553.079
Bozdogan's Criterion (CAIC)	557.759

Schwarz's Bayesian Criterion (BIC)	556.759

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	8332.641	.000
a1	1	297	.654	.419

a. Dependent Variable: D_TK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.219512	.046982	297	68.527	.000	3.127053	3.311971
[a1=1.00]	-.056549	.069919	297	-.809	.419	-.194149	.081051
[a1=2.00]	0[b]	0					

a. Dependent Variable: D_TK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.361995	.029706

a. Dependent Variable: D_TK.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.163	.052	297	3.061	3.265
2.00	3.220	.047	297	3.127	3.312

a. Dependent Variable: D_TK.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.057	.070	297	.419	-.194	.081
2.00	1.00	.057	.070	297	.419	-.081	.194

Based on estimated marginal means

a. Dependent Variable: D_TK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	.654	.419

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TK.

```
MIXED D_TPACK BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
```

```
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED D_TPACK BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03

Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: D_TPACK.

Information Criteria[a]

-2 Restricted Log Likelihood	649.334
Akaike's Information Criterion (AIC)	651.334
Hurvich and Tsai's Criterion (AICC)	651.347
Bozdogan's Criterion (CAIC)	656.027
Schwarz's Bayesian Criterion (BIC)	655.027

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: D_TPACK.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	4321.579	.000

a1	1	297	.460	.498

a. Dependent Variable: D_TPACK.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.739634	.055434	297	49.421	.000	2.630541	2.848727
[a1=1.00]	-.055930	.082498	297	-.678	.498	-.218286	.106425
[a1=2.00]	0[b]	0					

a. Dependent Variable: D_TPACK.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.503961	.041356

a. Dependent Variable: D_TPACK.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.684	.061	297	2.563	2.804
2.00	2.740	.055	297	2.631	2.849

a. Dependent Variable: D_TPACK.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.056	.082	297	.498	-.218	.106
2.00	1.00	.056	.082	297	.498	-.106	.218

Based on estimated marginal means

a. Dependent Variable: D_TPACK.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	.460	.498

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: D_TPACK.

```
MIXED E_Cont_SPD BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:47:34
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_Cont_SPD BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1

Total	3	3

a. Dependent Variable: E_Cont_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	788.867
Akaike's Information Criterion (AIC)	790.867
Hurvich and Tsai's Criterion (AICC)	790.881
Bozdogan's Criterion (CAIC)	795.561
Schwarz's Bayesian Criterion (BIC)	794.561

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_Cont_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3857.266	.000
a1	1	297	14.080	.000

a. Dependent Variable: E_Cont_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.435976	.070112	297	49.007	.000	3.297996	3.573956
[a1=1.00]	-.391531	.104343	297	-3.752	.000	-.596876	-.186186
[a1=2.00]	0[b]	0					

a. Dependent Variable: E_Cont_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.806182	.066156

a. Dependent Variable: E_Cont_SPD.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.044	.077	297	2.892	3.197
2.00	3.436	.070	297	3.298	3.574

a. Dependent Variable: E_Cont_SPD.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[c]	95% Confidence Interval for Difference[c]	
						Lower Bound	Upper Bound
1.00	2.00	-.392*	.104	297	.000	-.597	-.186
2.00	1.00	.392*	.104	297	.000	.186	.597

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

a. Dependent Variable: E_Cont_SPD.

c. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	14.080	.000

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_Cont_SPD.

```
MIXED E_ICT_SPD BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.

	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED E_ICT_SPD BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: E_ICT_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	699.400
Akaike's Information Criterion (AIC)	701.400
Hurvich and Tsai's Criterion (AICC)	701.414

Bozdogan's Criterion (CAIC)	706.094
Schwarz's Bayesian Criterion (BIC)	705.094

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: E_ICT_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	297	3384.634	.000
a1	1	297	2.438	.119

a. Dependent Variable: E_ICT_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	2.680894	.060309	297	44.453	.000	2.562207	2.799581
[a1=1.00]	-.140154	.089753	297	-1.562	.119	-.316787	.036480
[a1=2.00]	0[b]	0					

a. Dependent Variable: E_ICT_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.596496	.048949

a. Dependent Variable: E_ICT_SPD.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	2.541	.066	297	2.410	2.672
2.00	2.681	.060	297	2.562	2.800

a. Dependent Variable: E_ICT_SPD.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	-.140	.090	297	.119	-.317	.036
2.00	1.00	.140	.090	297	.119	-.036	.317

Based on estimated marginal means

a. Dependent Variable: E_ICT_SPD.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	297	2.438	.119

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: E_ICT_SPD.

```
MIXED F_Building_SPI BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:34
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		MIXED F_Building_SPI BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.20

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: F_Building_SPI.

Information Criteria[a]

-2 Restricted Log Likelihood	381.285
Akaike's Information Criterion (AIC)	383.285
Hurvich and Tsai's Criterion (AICC)	383.298
Bozdogan's Criterion (CAIC)	387.982

Schwarz's Bayesian Criterion (BIC)	386.982

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_Building_SPI.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	15252.280	.000
a1	1	298	.039	.843

a. Dependent Variable: F_Building_SPI.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.227706	.035121	298	91.904	.000	3.158590	3.296821
[a1=1.00]	.010390	.052355	298	.198	.843	-.092642	.113421
[a1=2.00]	0[b]	0					

a. Dependent Variable: F_Building_SPI.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.203520	.016673

a. Dependent Variable: F_Building_SPI.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.238	.039	298	3.162	3.315
2.00	3.228	.035	298	3.159	3.297

a. Dependent Variable: F_Building_SPI.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.010	.052	298	.843	-.093	.113
2.00	1.00	-.010	.052	298	.843	-.113	.093

Based on estimated marginal means

a. Dependent Variable: F_Building_SPI.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.039	.843

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_Building_SPI.

```
MIXED F_PD_Models BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
```

```
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created		25-JUN-2013 12:47:35
Comments		
Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_PD_Models BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1
Total		3	3

a. Dependent Variable: F_PD_Models.

Information Criteria[a]

-2 Restricted Log Likelihood	446.565
Akaike's Information Criterion (AIC)	448.565
Hurvich and Tsai's Criterion (AICC)	448.579
Bozdogan's Criterion (CAIC)	453.262
Schwarz's Bayesian Criterion (BIC)	452.262

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_PD_Models.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.

Intercept	1	298	12447.182	.000
a1	1	298	.432	.512

a. Dependent Variable: F_PD_Models.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.239394	.039186	298	82.667	.000	3.162278	3.316510
[a1=1.00]	.038384	.058415	298	.657	.512	-.076574	.153342
[a1=2.00]	0[b]	0					

a. Dependent Variable: F_PD_Models.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.253363	.020756

a. Dependent Variable: F_PD_Models.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.278	.043	298	3.193	3.363
2.00	3.239	.039	298	3.162	3.317

a. Dependent Variable: F_PD_Models.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.038	.058	298	.512	-.077	.153
2.00	1.00	-.038	.058	298	.512	-.153	.077

Based on estimated marginal means

a. Dependent Variable: F_PD_Models.

b. Adjustment for multiple comparisons: Sidak.

Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.432	.512

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_PD_Models.

```
MIXED F_ODL_SPD BY a1
  /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0,
    ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE)
  /FIXED=a1 | SSTYPE(3)
  /METHOD=REML
  /PRINT=SOLUTION
  /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
```

Mixed Model Analysis

Notes

Output Created	25-JUN-2013 12:47:35
Comments	

Input	Data	Q:\L\Leendert_Verona_Sept12\LeendertV.sav
	Active Dataset	DataSet7
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	302
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		MIXED F_ODL_SPD BY a1 /CRITERIA=CIN(95) MXITER(100) MXSTEP(10) SCORING(1) SINGULAR(0.000000000001) HCONVERGE(0, ABSOLUTE) LCONVERGE(0, ABSOLUTE) PCONVERGE(0.000001, ABSOLUTE) /FIXED=a1 | SSTYPE(3) /METHOD=REML /PRINT=SOLUTION /EMMEANS=TABLES(a1) COMPARE ADJ(SIDAK).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

[DataSet7] Q:\L\Leendert_Verona_Sept12\LeendertV.sav

Model Dimension[a]

		Number of Levels	Number of Parameters
Fixed Effects	Intercept	1	1
	a1	2	1
Residual			1

Total	3	3

a. Dependent Variable: F_ODL_SPD.

Information Criteria[a]

-2 Restricted Log Likelihood	498.248
Akaike's Information Criterion (AIC)	500.248
Hurvich and Tsai's Criterion (AICC)	500.261
Bozdogan's Criterion (CAIC)	504.945
Schwarz's Bayesian Criterion (BIC)	503.945

The information criteria are displayed in smaller-is-better forms.

a. Dependent Variable: F_ODL_SPD.

Fixed Effects

Type III Tests of Fixed Effects[a]

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	298	10068.210	.000
a1	1	298	.248	.619

a. Dependent Variable: F_ODL_SPD.

Estimates of Fixed Effects[a]

Parameter	Estimate	Std. Error	df	t	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Intercept	3.180303	.042736	298	74.418	.000	3.096201	3.264405
[a1=1.00]	.031734	.063706	298	.498	.619	-.093638	.157106
[a1=2.00]	0[b]	0					

a. Dependent Variable: F_ODL_SPD.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters[a]

Parameter	Estimate	Std. Error
Residual	.301345	.024687

a. Dependent Variable: F_ODL_SPD.

Estimated Marginal Means

a1

Estimates[a]

a1	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	3.212	.047	298	3.119	3.305
2.00	3.180	.043	298	3.096	3.264

a. Dependent Variable: F_ODL_SPD.

Pairwise Comparisons[a]

(I) a1		Mean Difference (I-J)	Std. Error	df	Sig.[b]	95% Confidence Interval for Difference[b]	
						Lower Bound	Upper Bound
1.00	2.00	.032	.064	298	.619	-.094	.157
2.00	1.00	-.032	.064	298	.619	-.157	.094

Based on estimated marginal means

a. Dependent Variable: F_ODL_SPD.

b. Adjustment for multiple comparisons: Sidak.

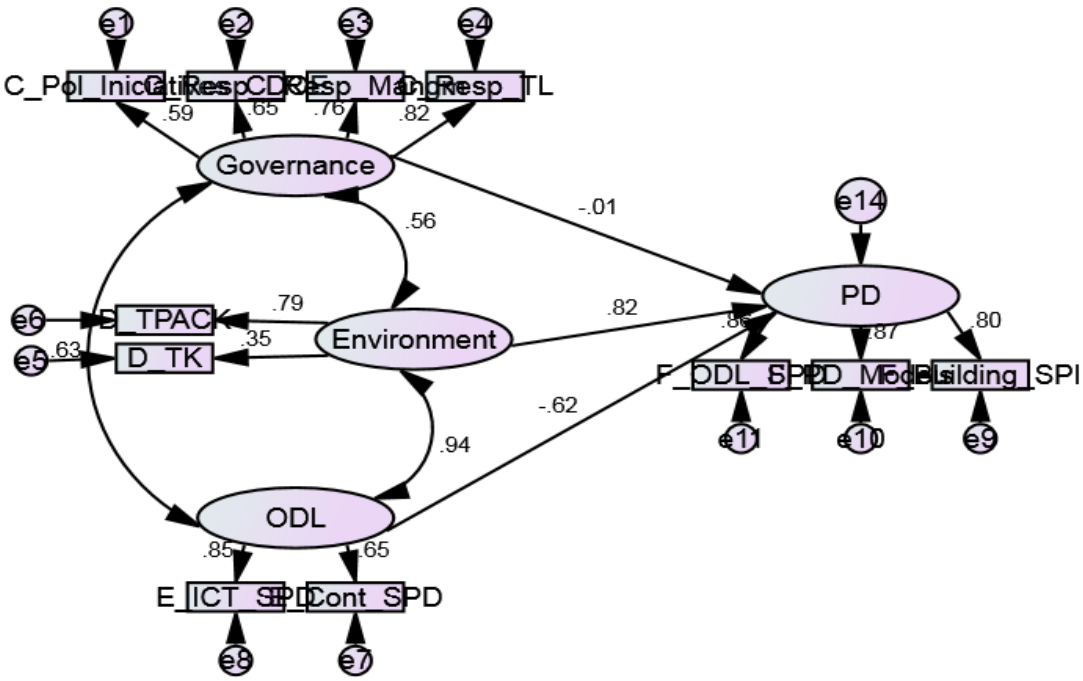
Univariate Tests[a]

Numerator df	Denominator df	F	Sig.
1	298	.248	.619

The F tests the effect of a1. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: F_ODL_SPD.

Addendum 6.1: Structural Equation Modelling



Estimates (Group number 1 - Default model)

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
PD	<---	Governance	-.006	.124	-.052	.959	
PD	<---	ODL	-.381	.735	-.519	.604	
PD	<---	Environment	1.558	2.203	.708	.479	
C_Pol_Iniciatives	<---	Governance	1.000				
C_Resp_DOE	<---	Governance	1.457	.220	6.633	***	
C_Resp_Mangm	<---	Governance	1.016	.140	7.265	***	
C_Resp_TL	<---	Governance	1.488	.199	7.481	***	
D_TK	<---	Environment	1.000				
D_TPACK	<---	Environment	2.634	.650	4.052	***	
E_Cont_SPD	<---	ODL	1.000				
E_ICT_SPD	<---	ODL	1.038	.128	8.116	***	
F_Building_SPI	<---	PD	1.000				
F_PD_Models	<---	PD	1.187	.090	13.239	***	
F_ODL_SPD	<---	PD	1.261	.096	13.187	***	

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
PD	<---	Governance	-.009
PD	<---	ODL	-.616
PD	<---	Environment	.815
C_Pol_Iniciatives	<---	Governance	.589
C_Resp_DOE	<---	Governance	.654
C_Resp_Mangm	<---	Governance	.760
C_Resp_TL	<---	Governance	.816
D_TK	<---	Environment	.347
D_TPACK	<---	Environment	.790
E_Cont_SPD	<---	ODL	.646
E_ICT_SPD	<---	ODL	.851
F_Building_SPI	<---	PD	.801
F_PD_Models	<---	PD	.867
F_ODL_SPD	<---	PD	.862

Intercepts: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
C_Pol_Iniciatives	3.240	.061	52.826	***	
C_Resp_DOE	3.244	.081	40.285	***	
C_Resp_Mangm	2.891	.048	59.783	***	
C_Resp_TL	3.238	.066	49.107	***	
D_TK	3.171	.038	84.223	***	
D_TPACK	2.693	.044	61.854	***	
E_Cont_SPD	3.208	.062	51.416	***	
E_ICT_SPD	2.586	.049	52.586	***	
F_Building_SPI	3.253	.031	104.376	***	

	Estimate	S.E.	C.R.	P	Label
F_PD_Models	3.269	.034	95.654	***	
F_ODL_SPD	3.214	.036	88.084	***	

Covariances: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
ODL	<-->	Governance	.165	.036	4.522	***	
Governance	<-->	Environment	.047	.015	3.106	.002	
ODL	<-->	Environment	.088	.025	3.557	***	

Correlations: (Group number 1 - Default model)

			Estimate
ODL	<-->	Governance	.635
Governance	<-->	Environment	.558
ODL	<-->	Environment	.941

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
Governance	.233	.059	3.968	***	
Environment	.030	.014	2.141	.032	
ODL	.289	.065	4.438	***	
e14	.100				
e1	.437	.052	8.425	***	
e2	.660	.083	7.997	***	
e3	.176	.026	6.714	***	
e4	.259	.047	5.554	***	
e5	.222	.024	9.117	***	
e6	.127	.038	3.302	***	
e7	.403	.050	8.040	***	
e8	.119	.031	3.863	***	
e9	.062	.009	7.139	***	
e10	.052	.010	5.275	***	
e11	.061	.011	5.419	***	

Iteration		Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
0	e	8		-.392	9999.000	915.185	0	9999.000
1	e	4		-.089	2.012	444.505	20	.640
2	e*	1		-.034	.872	293.443	5	.672

Iteration		Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
3	e	1		-.041	.810	210.030	5	.664
4	e	1		-.026	.602	166.312	5	.997
5	e	1		-.019	.634	143.852	6	.976
6	e	0	30967.313		.588	136.025	6	.916
7	e	0	208054.368		.643	134.083	1	.702
8	e	1		-.002	1.258	133.754	2	.000
9	e	0	230231.139		.151	132.705	5	.902
10	e	0	101358.115		.692	132.550	1	.812
11	e	0	124475.182		.193	132.515	1	.948
12	e	0	126714.175		.006	132.514	1	1.001
13	e	0	124984.567		.001	132.514	1	.999

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	38	132.514	39	.000	3.398
Saturated model	77	.000	0		
Independence model	22	857.066	55	.000	15.583

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.845	.782	.886	.836	.883
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Model	PRATIO	PNFI	PCFI
Default model	.709	.599	.626
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

Model	NCP	LO 90	HI 90
Default model	93.514	62.272	132.357
Saturated model	.000	.000	.000
Independence model	802.066	710.987	900.567

Model	FMIN	F0	LO 90	HI 90
Default model	.744	.525	.350	.744
Saturated model	.000	.000	.000	.000
Independence model	4.815	4.506	3.994	5.059

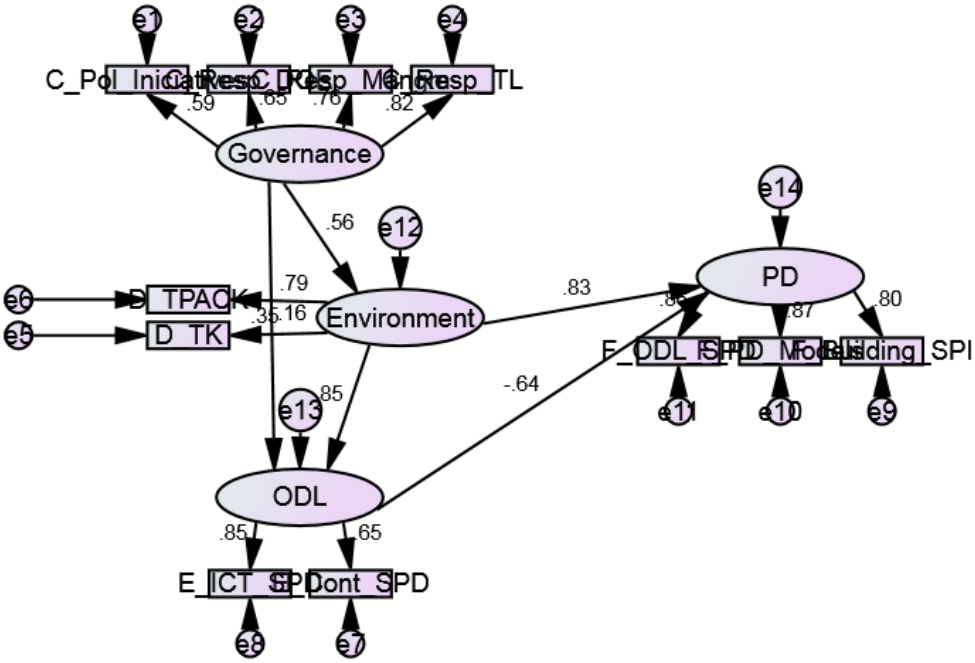
Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.116	.095	.138	.000
Independence model	.286	.269	.303	.000

Model	AIC	BCC	BIC	CAIC
Default model	208.514	214.008		
Saturated model	154.000	165.133		
Independence model	901.066	904.246		

Model	ECVI	LO 90	HI 90	MECVI
Default model	1.171	.996	1.390	1.202
Saturated model	.865	.865	.865	.928
Independence model	5.062	4.550	5.616	5.080

Model	HOELTER .05	HOELTER .01
Default model	74	84
Independence model	16	18

Minimization:	.000
Miscellaneous:	.375
Bootstrap:	.000
Total:	.375



Estimates (Group number 1 - Default model)

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
Environment	<---	Governance	.201	.061	3.285	.001	
ODL	<---	Governance	.181	.163	1.115	.265	
ODL	<---	Environment	2.631	.808	3.257	.001	
PD	<---	ODL	-.393	.581	-.676	.499	
PD	<---	Environment	1.585	1.864	.850	.395	
C_Pol_Iniciatives	<---	Governance	1.000				
C_Resp_DOE	<---	Governance	1.457	.220	6.633	***	
C_Resp_Mangm	<---	Governance	1.016	.140	7.266	***	
C_Resp_TL	<---	Governance	1.488	.199	7.483	***	
D_TK	<---	Environment	1.000				
D_TPACK	<---	Environment	2.635	.649	4.062	***	
E_Cont_SPD	<---	ODL	1.000				
E_ICT_SPD	<---	ODL	1.036	.127	8.180	***	
F_Building_SPI	<---	PD	1.000				
F_PD_Models	<---	PD	1.187	.087	13.601	***	
F_ODL_SPD	<---	PD	1.260	.093	13.540	***	

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
Environment	<---	Governance	.556
ODL	<---	Governance	.163
ODL	<---	Environment	.851
PD	<---	ODL	-.635
PD	<---	Environment	.828
C_Pol_Iniciatives	<---	Governance	.590
C_Resp_DOE	<---	Governance	.654
C_Resp_Mangm	<---	Governance	.760
C_Resp_TL	<---	Governance	.816
D_TK	<---	Environment	.347
D_TPACK	<---	Environment	.790
E_Cont_SPD	<---	ODL	.647
E_ICT_SPD	<---	ODL	.850
F_Building_SPI	<---	PD	.801
F_PD_Models	<---	PD	.867
F_ODL_SPD	<---	PD	.862

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
Governance	.233	.059	3.969	***	
e12	.021	.010	2.047	.041	
e13	.028	.034	.802	.423	
e14	.100				
e1	.437	.052	8.425	***	

	Estimate	S.E.	C.R.	P	Label
e2	.660	.083	7.999	***	
e3	.176	.026	6.716	***	
e4	.259	.047	5.552	***	
e5	.222	.024	9.118	***	
e6	.127	.037	3.435	***	
e7	.403	.050	8.040	***	
e8	.120	.029	4.066	***	
e9	.062	.009	7.158	***	
e10	.052	.010	5.275	***	
e11	.061	.011	5.422	***	

Matrices (Group number 1 - Default model)

Total Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.201	.000	.000	.000
ODL	.710	2.631	.000	.000
PD	.039	.550	-.393	.000
F_ODL_SPD	.049	.693	-.495	1.260
F_PD_Models	.046	.653	-.466	1.187
F_Building_SPI	.039	.550	-.393	1.000
E_ICT_SPD	.735	2.727	1.036	.000
E_Cont_SPD	.710	2.631	1.000	.000
D_TPACK	.529	2.635	.000	.000
D_TK	.201	1.000	.000	.000
C_Resp_TL	1.488	.000	.000	.000
C_Resp_Mangm	1.016	.000	.000	.000
C_Resp_DOE	1.457	.000	.000	.000
C_Pol_Iniciatives	1.000	.000	.000	.000

Standardized Total Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.556	.000	.000	.000
ODL	.636	.851	.000	.000
PD	.057	.287	-.635	.000
F_ODL_SPD	.049	.248	-.548	.862
F_PD_Models	.049	.249	-.551	.867
F_Building_SPI	.045	.230	-.509	.801
E_ICT_SPD	.541	.723	.850	.000
E_Cont_SPD	.411	.550	.647	.000
D_TPACK	.439	.790	.000	.000
D_TK	.193	.347	.000	.000
C_Resp_TL	.816	.000	.000	.000

	Governance	Environment	ODL	PD
C_Resp_Mangm	.760	.000	.000	.000
C_Resp_DOE	.654	.000	.000	.000
C_Pol_Iniciatives	.590	.000	.000	.000

Direct Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.201	.000	.000	.000
ODL	.181	2.631	.000	.000
PD	.000	1.585	-.393	.000
F_ODL_SPD	.000	.000	.000	1.260
F_PD_Models	.000	.000	.000	1.187
F_Building_SPI	.000	.000	.000	1.000
E_ICT_SPD	.000	.000	1.036	.000
E_Cont_SPD	.000	.000	1.000	.000
D_TPACK	.000	2.635	.000	.000
D_TK	.000	1.000	.000	.000
C_Resp_TL	1.488	.000	.000	.000
C_Resp_Mangm	1.016	.000	.000	.000
C_Resp_DOE	1.457	.000	.000	.000
C_Pol_Iniciatives	1.000	.000	.000	.000

Standardized Direct Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.556	.000	.000	.000
ODL	.163	.851	.000	.000
PD	.000	.828	-.635	.000
F_ODL_SPD	.000	.000	.000	.862
F_PD_Models	.000	.000	.000	.867
F_Building_SPI	.000	.000	.000	.801
E_ICT_SPD	.000	.000	.850	.000
E_Cont_SPD	.000	.000	.647	.000
D_TPACK	.000	.790	.000	.000
D_TK	.000	.347	.000	.000
C_Resp_TL	.816	.000	.000	.000
C_Resp_Mangm	.760	.000	.000	.000
C_Resp_DOE	.654	.000	.000	.000
C_Pol_Iniciatives	.590	.000	.000	.000

Indirect Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.000	.000	.000	.000
ODL	.528	.000	.000	.000

	Governance	Environment	ODL	PD
PD	.039	-1.034	.000	.000
F_ODL_SPD	.049	.693	-.495	.000
F_PD_Models	.046	.653	-.466	.000
F_Building_SPI	.039	.550	-.393	.000
E_ICT_SPD	.735	2.727	.000	.000
E_Cont_SPD	.710	2.631	.000	.000
D_TPACK	.529	.000	.000	.000
D_TK	.201	.000	.000	.000
C_Resp_TL	.000	.000	.000	.000
C_Resp_Mangm	.000	.000	.000	.000
C_Resp_DOE	.000	.000	.000	.000
C_Pol_Iniciatives	.000	.000	.000	.000

Standardized Indirect Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.000	.000	.000	.000
ODL	.473	.000	.000	.000
PD	.057	-.541	.000	.000
F_ODL_SPD	.049	.248	-.548	.000
F_PD_Models	.049	.249	-.551	.000
F_Building_SPI	.045	.230	-.509	.000
E_ICT_SPD	.541	.723	.000	.000
E_Cont_SPD	.411	.550	.000	.000
D_TPACK	.439	.000	.000	.000
D_TK	.193	.000	.000	.000
C_Resp_TL	.000	.000	.000	.000
C_Resp_Mangm	.000	.000	.000	.000
C_Resp_DOE	.000	.000	.000	.000
C_Pol_Iniciatives	.000	.000	.000	.000

Iteration	Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
0	e 6		-.378	9999.000	908.606	0	9999.000
1	e 3		-.058	2.059	448.807	20	.607
2	e 0	17969.802		.826	274.343	5	.885
3	e 2		-.047	1.157	255.210	9	.000
4	e 0	851.218		.752	176.429	5	.781
5	e 1		-.015	.664	157.72	3	.000

Iteration	Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
6	e 0	5489.215		.543	140.943	7	.896
7	e 1		-.001	1.325	139.469	2	.000
8	e 0	5417.622		.296	134.535	5	.851
9	e 0	16768.641		.541	133.034	1	.940
10	e 0	12611.599		.265	132.565	1	.992
11	e 0	18940.104		.256	132.519	1	.971
12	e 0	19259.703		.013	132.518	1	1.002
13	e 0	19535.843		.000	132.518	1	1.000

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	26	132.518	40	.000	3.313
Saturated model	66	.000	0		
Independence model	11	857.066	55	.000	15.583

Model	RMR	GFI	AGFI	PGFI
Default model	.039	.884	.808	.536
Saturated model	.000	1.000		
Independence model	.164	.468	.362	.390

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.845	.787	.887	.841	.885
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Model	PRATIO	PNFI	PCFI
Default model	.727	.615	.643
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

Model	NCP	LO 90	HI 90
Default model	92.518	61.355	131.286
Saturated model	.000	.000	.000
Independence model	802.066	710.987	900.567

Model	FMIN	F0	LO 90	HI 90
Default model	.744	.520	.345	.738
Saturated model	.000	.000	.000	.000
Independence model	4.815	4.506	3.994	5.059

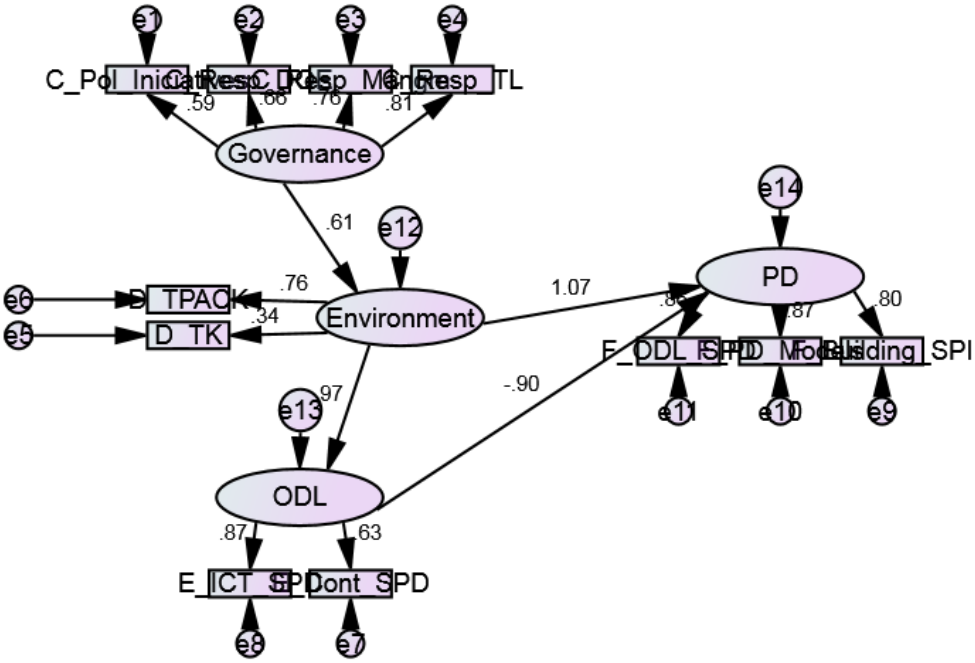
Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.114	.093	.136	.000
Independence model	.286	.269	.303	.000

Model	AIC	BCC	BIC	CAIC
Default model	184.518	188.277	267.390	293.390
Saturated model	132.000	141.542	342.367	408.367
Independence model	879.066	880.656	914.127	925.127

Model	ECVI	LO 90	HI 90	MECVI
Default model	1.037	.862	1.254	1.058
Saturated model	.742	.742	.742	.795
Independence model	4.939	4.427	5.492	4.948

Model	HOELTER .05	HOELTER .01
Default model	75	86
Independence model	16	18

Minimization:	.000
Miscellaneous:	.589
Bootstrap:	.000
Total:	.589



Estimates (Group number 1 - Default model)

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

			Estimate	S.E.	C.R.	P	Label
Environment	<---	Governance	.213	.061	3.505	***	
ODL	<---	Environment	3.008	.790	3.809	***	
PD	<---	ODL	-.565	1.059	-.534	.594	
PD	<---	Environment	2.089	3.351	.623	.533	
C_Pol_Iniciatives	<---	Governance	1.000				
C_Resp_DOE	<---	Governance	1.457	.219	6.653	***	
C_Resp_Mangm	<---	Governance	1.015	.139	7.280	***	
C_Resp_TL	<---	Governance	1.475	.197	7.474	***	
D_TK	<---	Environment	1.000				
D_TPACK	<---	Environment	2.604	.631	4.128	***	
E_Cont_SPD	<---	ODL	1.000				
E_ICT_SPD	<---	ODL	1.089	.138	7.863	***	
F_Building_SPI	<---	PD	1.000				
F_PD_Models	<---	PD	1.194	.091	13.106	***	
F_ODL_SPD	<---	PD	1.262	.097	13.011	***	

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
Environment	<---	Governance	.609
ODL	<---	Environment	.970
PD	<---	ODL	-.899
PD	<---	Environment	1.071
C_Pol_Iniciatives	<---	Governance	.592
C_Resp_DOE	<---	Governance	.656
C_Resp_Mangm	<---	Governance	.761
C_Resp_TL	<---	Governance	.812
D_TK	<---	Environment	.338
D_TPACK	<---	Environment	.761
E_Cont_SPD	<---	ODL	.632
E_ICT_SPD	<---	ODL	.874
F_Building_SPI	<---	PD	.799
F_PD_Models	<---	PD	.868
F_ODL_SPD	<---	PD	.860

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
Governance	.234	.059	3.980	***	
e12	.018	.009	2.088	.037	
e13	.016	.030	.551	.582	
e14	.100				
e1	.435	.052	8.400	***	
e2	.657	.083	7.962	***	
e3	.175	.026	6.653	***	

	Estimate	S.E.	C.R.	P	Label
e4	.264	.047	5.614	***	
e5	.223	.024	9.186	***	
e6	.142	.025	5.785	***	
e7	.416	.051	8.127	***	
e8	.102	.032	3.205	.001	
e9	.062	.009	7.148	***	
e10	.051	.010	5.184	***	
e11	.062	.011	5.465	***	

Matrices (Group number 1 - Default model)

Total Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.213	.000	.000	.000
ODL	.642	3.008	.000	.000
PD	.083	.388	-.565	.000
F_ODL_SPD	.105	.490	-.713	1.262
F_PD_Models	.099	.464	-.675	1.194
F_Building_SPI	.083	.388	-.565	1.000
E_ICT_SPD	.699	3.275	1.089	.000
E_Cont_SPD	.642	3.008	1.000	.000
D_TPACK	.556	2.604	.000	.000
D_TK	.213	1.000	.000	.000
C_Resp_TL	1.475	.000	.000	.000
C_Resp_Mangm	1.015	.000	.000	.000
C_Resp_DOE	1.457	.000	.000	.000
C_Pol_Iniciatives	1.000	.000	.000	.000

Standardized Total Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.609	.000	.000	.000
ODL	.590	.970	.000	.000
PD	.121	.199	-.899	.000
F_ODL_SPD	.104	.171	-.773	.860
F_PD_Models	.105	.173	-.781	.868
F_Building_SPI	.097	.159	-.718	.799
E_ICT_SPD	.516	.847	.874	.000
E_Cont_SPD	.373	.614	.632	.000
D_TPACK	.463	.761	.000	.000
D_TK	.206	.338	.000	.000
C_Resp_TL	.812	.000	.000	.000
C_Resp_Mangm	.761	.000	.000	.000
C_Resp_DOE	.656	.000	.000	.000

	Governance	Environment	ODL	PD
C_Pol_Iniciatives	.592	.000	.000	.000

Direct Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.213	.000	.000	.000
ODL	.000	3.008	.000	.000
PD	.000	2.089	-.565	.000
F_ODL_SPD	.000	.000	.000	1.262
F_PD_Models	.000	.000	.000	1.194
F_Building_SPI	.000	.000	.000	1.000
E_ICT_SPD	.000	.000	1.089	.000
E_Cont_SPD	.000	.000	1.000	.000
D_TPACK	.000	2.604	.000	.000
D_TK	.000	1.000	.000	.000
C_Resp_TL	1.475	.000	.000	.000
C_Resp_Mangm	1.015	.000	.000	.000
C_Resp_DOE	1.457	.000	.000	.000
C_Pol_Iniciatives	1.000	.000	.000	.000

Standardized Direct Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.609	.000	.000	.000
ODL	.000	.970	.000	.000
PD	.000	1.071	-.899	.000
F_ODL_SPD	.000	.000	.000	.860
F_PD_Models	.000	.000	.000	.868
F_Building_SPI	.000	.000	.000	.799
E_ICT_SPD	.000	.000	.874	.000
E_Cont_SPD	.000	.000	.632	.000
D_TPACK	.000	.761	.000	.000
D_TK	.000	.338	.000	.000
C_Resp_TL	.812	.000	.000	.000
C_Resp_Mangm	.761	.000	.000	.000
C_Resp_DOE	.656	.000	.000	.000
C_Pol_Iniciatives	.592	.000	.000	.000

Indirect Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.000	.000	.000	.000
ODL	.642	.000	.000	.000
PD	.083	-1.700	.000	.000
F_ODL_SPD	.105	.490	-.713	.000

	Governance	Environment	ODL	PD
F_PD_Models	.099	.464	-.675	.000
F_Building_SPI	.083	.388	-.565	.000
E_ICT_SPD	.699	3.275	.000	.000
E_Cont_SPD	.642	3.008	.000	.000
D_TPACK	.556	.000	.000	.000
D_TK	.213	.000	.000	.000
C_Resp_TL	.000	.000	.000	.000
C_Resp_Mangm	.000	.000	.000	.000
C_Resp_DOE	.000	.000	.000	.000
C_Pol_Iniciatives	.000	.000	.000	.000

Standardized Indirect Effects (Group number 1 - Default model)

	Governance	Environment	ODL	PD
Environment	.000	.000	.000	.000
ODL	.590	.000	.000	.000
PD	.121	-.872	.000	.000
F_ODL_SPD	.104	.171	-.773	.000
F_PD_Models	.105	.173	-.781	.000
F_Building_SPI	.097	.159	-.718	.000
E_ICT_SPD	.516	.847	.000	.000
E_Cont_SPD	.373	.614	.000	.000
D_TPACK	.463	.000	.000	.000
D_TK	.206	.000	.000	.000
C_Resp_TL	.000	.000	.000	.000
C_Resp_Mangm	.000	.000	.000	.000
C_Resp_DOE	.000	.000	.000	.000
C_Pol_Iniciatives	.000	.000	.000	.000

Iteration	Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
0	e 6		-.350	9999.000	912.868	0	9999.000
1	e 4		-.058	1.998	470.251	20	.639
2	e 1		-.042	.771	315.968	5	.886
3	e 1		-.125	.726	240.766	5	.819
4	e 0	666.781		.852	183.036	5	.810
5	e 1		-.011	.644	163.979	5	.000
6	e 0	2016.020		.686	142.92	7	.954

Iteration	Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
7	e 0	35679.216		.655	141.978	1	.151
8	e 1		.000	1.237	135.740	1	.874
9	e 0	63472.040		.404	134.657	11	.973
10	e 0	69270.393		.052	134.622	1	1.024
11	e 0	74324.247		.047	134.622	1	1.011
12	e 0	73426.433		.001	134.622	1	1.001
13	e 0	73462.147		.000	134.622	2	.000

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	25	134.622	41	.000	3.283
Saturated model	66	.000	0		
Independence model	11	857.066	55	.000	15.583

Model	RMR	GFI	AGFI	PGFI
Default model	.042	.883	.811	.548
Saturated model	.000	1.000		
Independence model	.164	.468	.362	.390

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.843	.789	.885	.843	.883
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Model	PRATIO	PNFI	PCFI
Default model	.745	.628	.658
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

Model	NCP	LO 90	HI 90
Default model	93.622	62.214	132.639
Saturated model	.000	.000	.000
Independence model	802.066	710.987	900.567

Model	FMIN	F0	LO 90	HI 90

Model	FMIN	F0	LO 90	HI 90
Default model	.756	.526	.350	.745
Saturated model	.000	.000	.000	.000
Independence model	4.815	4.506	3.994	5.059

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.113	.092	.135	.000
Independence model	.286	.269	.303	.000

Model	AIC	BCC	BIC	CAIC
Default model	184.622	188.236	264.307	289.307
Saturated model	132.000	141.542	342.367	408.367
Independence model	879.066	880.656	914.127	925.127

Model	ECVI	LO 90	HI 90	MECVI
Default model	1.037	.861	1.256	1.058
Saturated model	.742	.742	.742	.795
Independence model	4.939	4.427	5.492	4.948

Model	HOELTER .05	HOELTER .01
Default model	76	86
Independence model	16	18

Minimization:	.016
Miscellaneous:	.497
Bootstrap:	.000
Total:	.513