

INHOUDSOPGAWE - BYLAAG 1

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BYLAAG 1 : WOORDESKAT

- * Woordeskat opnames word verdeel in groepe van tien woorde om vlakke te vorm vir die bepaling van moeilikheidsgrade en gradering van klanke en morfeme daarvolgens.
- * Groep A is die kontrole groep van normale peuters en Groep B die kleuters en kinders met Downsindroom.
- * Opnames word genommer volgens groep en posisie in die groep naamlik Groep A, opname nommer 1 = A1.
- * Waar die kind se artikulasie afwyk van die norme word die afwykende vorm na die woord in aanhalingstekens gegee.
- * Die verdeling is in vlakke van tien morfeme soos opgeteken deur opnemers om vordering in spraakontwikkeling te weërspeël en ook te dien as stappe in woordeskat ontwikkeling van die voorgename program.

1.1 GROEP A - NORMALE PEUTERS

A1 (Elbie)

10 woorde

Baba; doedoe; eina; gogga "kokko"; Mamma; Ouma; Oupa; Pappa; tata; tietie.

20 woorde

Boetie; bye; daar "da"; eet; klaar "kla"; kom "ko"; kyk daar "kyda"; lig; namnam "nanna"; nee.

Sintakties : Kyk daar "kyda"

30 woorde

help; ja; kos "ko"; Lettie; myne; nie; Oom; Tannie; seuntjie; so.

A2 (Jan Lodewyk)

10 woorde (18 maande)

Baba; Boetie "Toetoe"; bottel "ghôghô"; eina; Mamma; Ouma; Oupa; Pappa; Sussie "Tittie"; tata.

20 woorde

aan "an"; af; daar "a"; ek; haas "has"; hap; klaar "ka"; kyk; op; perdjie-ry "hop, Pa".

Sintakties : Hop, Pa! Kyk daar "kyka"

30 woorde

Arnon "Anon"; eet "ham"; hoender (hane kraai); huis "hys"; Jana "Nana"; myne of medisyne "nyne"; nat; poef; ry of kar "him"; sies "ties"; vleis "jeis"; voël (hanekraai).

60 woorde

appel "ap" en "appal"; bad "bap"; bok "bop"; Bybel; dag; dankie; dors "dos"; eier "ei"; hallo "hijou"; huil "hyl"; jas; kaas; kerk

Bylaag vervolg

"kêk"; koek; kom; kos "pap"; lepel "lal"; Oom "Om"; opstaan "optaan"; staan "taan"; stoel "toel"; tas; vurk "kuk"; ys.

Sintakties : Hallo Mamma "hijou Mamma". Sussie huil -"Tittie hyl".

A3 (Mariska)

10 woorde

Baba; eina; Mamma; namnam "nanna"; Ouma; Oupa; Pappa; skoene "kokka"; tata; tietie.

20 woorde

bal; Boetie; daar "da"; gagga; hallo "hilou"; komaan "koma"; kyk daar "kyda" en "kyka"; oeps; piepie; Tannie.

30 woorde

aap; beker "beke"; daar is hy "dathy"; ekskuus "kies"; goodbye "koebaai"; koffie "toffie"; los; stout "tout"; werk "wêk".

Sintakties : Daar is hy "dathy".

40 woorde

appel (die /l/ geaksentueer); bly "by"; Boeta; kar "brim-brim"; knoop; mond; trein "tjoek-tjoek"; stoot "toot"; lekker "lekker"; lemoen.

Sintakties : Lekker bly "lekker by". Daar is hy "dathy".

A4 (Jan Louis)

10 woorde

ag; Baba; dankie "da"; eina; gogga "goggô"; Mamma; namnam "nanna"; oeps; Pappa; tietie.

20 woorde

Annabel "Bel"; broodjie "boodjie"; doedoe; een; Hanna ; motor "brrr"; myne; sjoe; stofsuijer "mmm"; woef; twee.

A5 (Carmen)

Baba; daar "da"; kyk "ky"; lekker "ham"; Mamma; myne "nyne"; Ouma "Ouwa" en "Ouma"; Pappa; gee "ta"; uit "yt".

Sintakties : Kyk daar "ky da"

Bylaag vervolg

1.2 GROEP B - KINDERS MET DOWNSINDROOM

Alle opnames is anoniem op versoek.

B1

10 woorde

Anton "Anto"; Cindy; julle; kamer "kame"; Mamma; Ouma; Oupa; Pappa; Sussie; Tannie.

20 woorde

blom "bom"; brood "boot"; die; is; gou; hier "hie"; klaar "kla"; slaap "sthlap"; so; waar "wa".

Sintakties : Die kamer; hier so gou; klaar slaap "kla sthlap".
Waar's julle?

30 woorde

Anton; bye-bye; dankie; goed; huil "hyl"; jy; in; is "s"; klaar "ka"; kom "ko"; Lizzy; more "mo'e"; nou.

Sintakties : in die kamer; bye-bye julle. More Tannie; Goed dankie; Baba huil "Baba hyl". Waar Anton nou? Kom hier so gou.
Waar's jy, Lizzy?

B2

10 woorde

Arno "Anon"; Baba; bye; dankie; eina; Mamma; namnam "nanna"; Ouma; Sussie; tata; bal; Grietjie.

B3

10 woorde

daar "da"; Dadda; dankie; hom "ho"; hond "whou-whou"; hy; is "s"; Kittiekat; kyk "ky"; Mamma "mmmm".

Sintakties : Kyk daar "ky da". Daar is hy "dashy". Daar's dit "dasho".

15 woorde

lekker "leкке"; Mamma (met moeite uitgespreek); stout; Tannie; tata

B4

10 woorde

bad "dat"; buite "duite"; daar "da"; Dadda; is "s"; hy; klaar "kla"; Oupa "oppa"; voël "piep"; woef "whoef".

Sintakties : Daar is hy "dashy".

Bylaag vervolg

B5

10 woorde

af; Baba; dankie; Jakkie; kar "ka"; kat "ka"; Mamma; Pappa; tata; val "va".

Sintakties : Af val

20 woorde

ag; bad; bal; daar "da"; doedoe; eina; hallo; klaar "kla"; Oupa; Tannie "Tallie".

30 woorde

Attie; Boet; gogga; ja; koekie; melk hê "melkie"; pasop of gee pad "piep"; Teddie; vis; woefie.

Sintakties : Melk hê

60 woorde

appe "appe"; bye; dankie; drie "die"; ek; Elise "Ielie"; ekskuus "askies"; fiets "fies"; Heidi; hier "hie"; jas; kaas; kat "tat"; kielielie; kyk; Mietjie "Tietie"; mus "us"; nee "n"; Oom "Om"; Paul "Pou-Pou"; praat "paat"; perd; sjuut "sjie"; speel "play"; stoel "toel"; Tiekie; toe; twee "tie"; vleis.

Sintakties : Jaaa Mamma! Ag, toe!!! Nee, dankie. Kyk hier "Kyk hie".
Mamma, ek klaar "Mamma, ek kla".

130 woorde - 12 woorde wat nou beter uitgespreek kan word, is ingesluit, wat die totaal 142 maak.

Aag; Abrie "Abie"; afkeur "jig"; ai!; amen; appel "appe"; asseblief "bief", "blief" en "asseblief";
beer "bêr"; bid (met 'n sagte t); bier (sagte r); blaf "woewoef";
bloei; blom "bom"; boek; broek "boek"; brood "boot"; bus; byt;
Coco;
daar "daar" (met 'n sagte r); De Villiers "dewijis"; gebreek "i-bee";
geweer "gun"; gogga
hand "han"; hê; hier "hie"; hoes; hond "hos"; hou; huis "y" en "jes"; is "i";
Johan "Han";
kaal "ka"; Kandas "Kedas"; kar (met /r/ sag); Karlien "Kajie"; kat
; ken; koejawil "koejaje"; kom "ko" en "om"; kop; kopstamp
"kapieng"; kos; kuier "koekie";
Leon "Hion"; lief;
maag; Magda; miaau "piaau"; Mietjie "Tietie"; mooi; mors; mus "us";
myne;
nee "n"; 'n "ê";
oog; Oom "Om" en "Oom"; oor; op; Ouma;
perdjie "pêkie"; Petite "pittié"; plaat "paat"; roer (hoeh met r
nader aan h); rug "jurg";
seer; sit "si"; skoen "skoe"; sous; Stellenbosch "Bosch"; stoel
"stoe" en "toel"; swem "whie";

Bylaag vervolg

tas "ta"; twee "twie";
val
waar "waa"; wang; wha! wil "i".

Sintakties : Is toe "hitoe"; huis toe "ytoe" ; Hier, Mamma "hie,
Mamma"; 'n kat "êkat"; Waar, Mama? "Wa, Mama?" Ek wil
speel/swem/doedoe "ek i play/whie/doedoe"; Ek sit kaal
"Ek si'kaa". Ma, kyk hier "Ma, kykie".

Bylaag vervolg

INHOUDSOPGAWE - BYLAAG 2

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Bylaag vervolg

BYLAAG 2

UITEENSETTING VAN FONETIESE EN SINTAKTIESE ANALISE

- * Die kind se uitspraak van die woord word foneties getranskribeer en verdeel volgens posisies waarin die klank werklik voorkom. Hierdie transkripsie van gevestigde klanke en lettergrepe kan gebruik word as inhoud van liedjies en gesingde telrympies binne die vermoëns van kinders met Downsindroom. Die volgorde van klank- en woordvestiging sowel as sintaktiese uitbreiding kan hiervolgens bepaal word. Die fonologiese prosesse van vereenvoudiging wat artikulatoriese foute veroorsaak, sal ook hiermee identifiseer kan word.
 - * Die tradisionele spelling van eiename en Engelse vorms word behou in die woordeskat en uiteensetting, alhoewel die transkripsie deurgaans volgens Afrikaanse gebruik is.
 - * Fonologiese reëls word in die uiteensetting aangedui as volg : weglatings word tussen hakies ingevoeg; alle ander vorms van klankverlies soos ontstemmings, ontklankings en sagte vorms van die klank is onderstreep en aangedui met (-); vervangings is onderstreep. Oorspronklike kindertaal, eie skeppings en omgewing nabootsings word met die teken (+) aangedui. Invoegings word eerstens in hakies geplaas en ook verder geïdentifiseer deur die teken (+). Erkende kindertaal word as normale spreekvorms aanvaar.
 - * Morfemiese posisies waarbinne sekere klanke nie in Afrikaans voorkom nie, word met 'n * in die spesifieke morfemiese posisie aangedui. Halfvokale word ook so gemerk alhoewel dié klanke wel in finale posisies voorkom as deel van onegte diftonge. Diftonge word apart aangeteken.
 - * Die term sandhi word gebruik om klankbeïnvloeding aan te dui aan woordgrense binne sinverband. Die beïnvloeding in hierdie verhandeling dui nie noodwendig net assimilasie aan nie, maar ook versterking van 'n klank wat in albei woordgrense gedupliseer word asook klanke wat in nuwe posisies binne sinverband gevestig word.
-

2.1 TIEN WOORDE

2.1.1 NORMALE PEUTERS

A1 (ELBIE)

WOORDESKAT

Baba; doedoe; eina; gogga "kokkô"; Mamma; Ouma; Oupa; Pappa; tata; tietie.

SINTAKTIES - Geen uitbreiding

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIE : aanvang middel einde
Klank woord artikulasie

MONOFTONGE

[a]	Baba	-	[bab]	[ba]
	eina	-	-	[na]
	Mamma	-	[mam]	[ma]

Bylaag vervolg

	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	tata	-	[tat]	[ta]	2 pos.
[i]	tietie	-	[tit]	[ti]	2 pos.
[u]	doedoe	-	[dud]	[du]	2 pos.
[ɔ]	gogga	-	[kɔk]	[kɔ]	2 pos.
DIFTONGE					
[ɛu]	Ouma	[ɛum]	-	-	1 pos.
	Oupa	[ɛup]	-	-	
[ɛi]	eina	[ɛin]	-	-	1 pos.
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	Oupa	-	[ɛupa]	-	
	Pappa	[pa]	[apa]	-	2 pos.
alveolêr					
[d]	doedoe	[du]	[udu]	*	2 pos.
[t]	tata	[ta]	[ata]	-	
	tietie	[ti]	[iti]	-	2 pos.
velêr					
[k]	gogga	[kɔ]	[ɔkɔ]	-	2 pos.
NASAAL					
bilabiaal					
[m]	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɛuma]	-	2 pos.
alveolêr					
[n]	eina	-	[ɛina]	-	1 pos.

A2 (JAN LODEWYK)

WOORDESKAT

Baba; Boetie "Toetoe"; bottel "ghôghô"; eina; Mamma; Ouma; Oupa; Pappa; Sussie "Tittie"; tata.

SINTAKTIES - Geen uitbreiding

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIE : aanvang middel einde
klank woord artikulasie

MONOFTONGE

[a]	Baba	-	[bab]	[ba]	
	eina	-	-	[na]	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	tata	-	[tat]	[ta]	2 pos.
[i]	- Sussie	-	-	[ti]	1 pos.
[u]	Boetie	-	[tut]	[tu]	2 pos.
[ɔ]	+ bottel	-	[gɔg]	[gɔ]	2 pos.
[ɛ]	Sussie	-	[tɛt]	-	1 pos.

Bylaag vervolg

DIFTONGE

[ɛu]	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	1 pos.
[ɔi]	eina	[ɔin]	-	-	1 pos.

SLUITKLANKE

bilabiaal

[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	Oupa	-	[ɛupa]	-	
	Pappa	[pa]	[apa]	-	2 pos.

alveolêr

[t]	<u>Boetie</u>	[tu]	[utu]	-	
	<u>Sussie</u>	[tɔ]	[ɔti]	-	
	tata	[ta]	[ata]	-	2 pos.

velêr

[g]	+ <u>bottel</u>	[gɔ]	[ɛgɔ]	*	2 pos.
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NASAAL

bilabiaal

[m]	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɛuma]	-	2 pos.

alveolêr

[n]	eina	-	[ɔina]	-	1 pos.
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A3 (Mariska)

WOORDESKAT

Baba; eina; Mamma; namnam "nanna"; Ouma; Oupa; Pappa; skoene "kokka"; tata; tietie.

SINTAKTIES - Geen uitbreiding

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIE : aanvang middel einde
klank woord artikulasie

MONOFTONGE

[a]	Baba	-	[bab]	[ba]	
	eina	-	-	[na]	
	Mamma	-	[mam]	[ma]	
	na(m)na(m)	-	[nan]	[na]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	+ (s) <u>koene</u>	-	-	[ka]	
	tata	-	[tat]	[ta]	2 pos.
[i]	tietie	-	[tit]	[ti]	2 pos.
[ɔ]	(s) <u>koene</u>	-	[kɔk]	-	1 pos.

DIFTONGE

[ɛu]	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	1 pos.
[ɔi]	eina	[ɔin]	-	-	1 pos.

Bylaag vervolg

SLUITKLANKE

bilabiaal

[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	Oupa	-	[ɣupa]	-	
	Pappa	[pa]	[apa]	-	

alveolêr

[t]	tata	[ta]	[ata]	-	
	tietie	[ti]	[iti]	-	2 pos.

velêr

[k]	+(s)koene	[kɔ]	[ɔka]	-	2 pos.
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NASALE

bilabiaal

[m]	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɣma]	-	2 pos.

alveolêr

[n]	eina	-	[ɔina]	-	
	na(m)na(m)	[na]	[ana]	-	2 pos.

A4 (JAN LOUIS)

WOORDESKAT

Ag; Baba; dankie "da"; eina; gogga "goggô"; Mamma; namnam "nanna"; oeps; Pappa; tietie.

SINTAKTIES : Geen uitbreiding.

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIE : aanvang middel einde
klank woord artikulasie

MONOFTONGE

[a]	ag	[ax]	-	-	
	Baba	-	[bab]	[ba]	
	da(nkie)	-	-	[da]	
	eina	-	-	[na]	
	Mamma	-	[mam]	[ma]	
	na(m)na(m)	-	[nan]	[na]	
	Pappa	-	[pap]	[pa]	3 pos.
[i]	tietie	-	[tit]	[ti]	2 pos.
[u]	oeps	[up]	-	-	1 pos.
[ɔ]	gogga	-	[xɔx]	[xɔ]	2 pos.

DIFTONGE

[ɔi]	eina	[ɔin]	-	-	1 pos.
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SLUITKLANKE

bilabiaal

[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	oeps	-	[ups]	-	2 pos.
	Pappa	[pa]	[apa]	-	

alveolêr

[d]	da(nkie)	[da]	-	*	1 pos.
[t]	tietie	[ti]	[iti]	-	2 pos.

Bylaag vervolg

NASALE

bilabiaal

[m]	Mamma	[ma]	[ama]	-	2 pos.
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alveolêr

[n]	eina	[ɲin]	[ɲina]	-	
	na(m)na(m)	[na]	[ana]	-	2 pos.

FRIKATIEWE

alveolêr

[s]	oepe	-	-	[ps]	1 pos.
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velêr

[x]	ag	-	-	[ax]	
	gogga	[xɔ]	[ɔxɔ]	-	3 pos.

A5 (CARMEN)

WOORDESKAT

Baba; daar "da"; kyk "ky"; lekker "ham"; Mamma; myne "nyne"; Ouma; Pappa; gee "ta"; uit "yt".

SINTAKTIES

Kyk daar "Ky da"

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde
klank woord artikulasie

MONOFTONGE

[a]	Baba	-	[bab]	[ba]	
	(d)a(ar)	-	-	[ka]	
	+ lekker	-	[ham]	-	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Pappa	-	[pap]	[pa]	
	ta	-	-	[ta]	2 pos.
[ɲ]	myne	-	-	[nɲ]	1 pos.

DIPTONGE

[ɔu]	Ouma	[ɔum]	-	-	1 pos.
[ɲi]	ky(k)	-	-	[kɲi]	
	myne	-	[nɲin]	-	
	- uit	[ɲit]	-	-	3 pos.

SLUITKLANKE

bilabiaal

[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	Pappa	[pa]	[apa]	-	2 pos.

alveolêr

[d]	ky(k)da(ar)	-	[ɲida]	-	<u>sandhi</u>
[t]	ta	[ta]	-	-	
	- uit	-	-	[ɲit]	3 pos.

velêr

[k]	ky(k)	[kɲi]	-	-	1 pos.
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NASALE

bilabiaal

[m] +	lekker	-	-	[am]	
	Mamma	[ma]	[ama]	-	

Bylaag vervolg

Ouma	-	[uma]	-	3 pos.
alveolêr				
[n] myne	[n̠i]	[̠in̠]	-	2 pos.
HALFVOKALE				
[h] + lekker	[ha]	-	*	1 pos.

2.1.2 KINDERS MET DOWNSINDROOM

B1

WOORDESKAT

Anton "Anto"; Cindy; julle; kamer "kame"; Mamma; Ouma; Oupa; Pappa; Sussie; Tannie.

SINTAKTIES

Bye bye julle/Ouma/Tannie.

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde

klank woord artikulasie

MONOFTONGE

[a]	Anto(n)	[an]	-	-	
	kame(r)	-	[kam]	-	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	Tannie	-	[tan]	-	3 pos.
[i]	Cindy	-	-	[di]	
	Sussie	-	-	[si]	
	Tannie	-	-	[ni]	1 pos.
[ɔ]	Anto(n)	-	-	[tɔ]	1 pos.
[̠]	Cindy	-	[s̠n]	-	
	julle	-	-	[l̠]	
	kame(r)	-	-	[m̠]	2 pos.
[ɹ]	julle	-	[jɹl]	-	1 pos.
	Sussie	-	[sɹs]	-	

DIFTONGE

[u]	Ouma	[um]	-	-	
	Oupa	[up]	-	-	1 pos.

SLUITKLANKE

bilabiaal					
[p]	Oupa	-	[upa]	-	
	Pappa	[pa]	[apa]	-	2 pos.
alveolêr					
[d]	Cindy	-	[ndi]	*	1 pos.
[t]	Anto(n)	-	[ntɔ]	-	
	Tannie	[ta]	-	-	2 pos.
velêr					
[k]	kame(r)	[ka]	-	-	1 pos.

NASALE

bilabiaal					
[m]	kame(r)	-	[am̠]	-	
	Mamma	[ma]	[ama]	-	

Bylaag vervolg

	Ouma	-	[uma]	-	2 pos.
alveolêr					
[n]	Anto(n)	-	[ant]	-	
	Cindy	-	[ɔnd]	-	
	Tannie	-	[ani]	-	1 pos.

FRIKATIEWE

alveolêr					
[s]	Cindy	[sɔ]	-	-	
	Sussie	[sɛ]	[ɛsi]	-	2 pos.

HALFVOKALE

[j]	bye julle	-	[ajɛ]	-	<u>sandhi</u>
	bye Ouma	-	[ajɛu]	-	<u>sandhi</u>
	julle	[jɛ]	-	*	1 pos.

LIKWIEDES

alveolêr					
[l]	julle	-	[ɛlɔ]	-	1 pos.

B2

WOORDESKAT

Arno "Anon"; Baba; bye; dankie; eina; Mamma; namnam "nanna"; Ouma; Sussie; tata.

SINTAKTIES - Geen uitbreiding

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIËS

MORFEMIESE POSISIËS : aanvang middel einde
klank woord artikulasie

MONOFTONGE

[a]	A(r)non	[an]	-	-	
	Baba	-	[bab]	[ba]	
	eina	-	-	[na]	
	Mamma	-	[mam]	[ma]	
	na(m)na(m)	-	[nan]	[na]	
	Ouma	-	-	[ma]	
	tata	-	[tat]	[ta]	
	dankie	-	[dan]	-	3 pos.
[i]	dankie	-	-	[ci]	1 pos.
	Sussie	-	-	[si]	
[ɔ]	A(r)non	-	[nɔn]	-	1 pos.
[ɛ]	Sussie	-	[sɛs]	-	1 pos.

DIFTONGE

[ɛu]	Ouma	[ɛum]	-	-	1 pos.
[ɔi]	eina	[ɔin]	-	-	1 pos.
[aj]	bye	-	-	[baj]	1 pos.

SLUITKLANKE

bilabiaal					
[b]	Baba	[ba]	[aba]	*	
	bye	[baj]	-	*	2 pos.
alveolêr					
[d]	dankie	[da]	-	*	1 pos.
[t]	tata	[ta]	[ta]	*	1 pos.

Bylaag vervolg

palataal					
[c]	dankie	-	[ŋci]	-	1 pos.
NASALE					
bilabiaal					
[m]	Mamma	[ma]	[ama]	-	2 pos.
	Ouma	-	[uma]	-	
alveolêr					
[n]	A(r) <u>non</u>	-	[anɔ]	[ɔn]	3 pos.
	eina	-	[ɛina]	-	
	na(m)na(m)	[na]	[ana]	-	
velêr					
[ŋ]	dankie	-	[aŋc]	-	1 pos.
FRIKATIEWE					
alveolêr					
[s]	Sussie	[sɛ]	[ɛsi]	-	2 pos.

B3

WOORDESKAT

daar "da"; Dadda; dankie; hom "ho"; hond "whou-whou"; hy; is "s"; Kittiekat; kyk "ky"; Mamma "Mmm".

SINTAKTIES

Daar is hy "dashy"; daar sô "dasho".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang			middel	einde	
klank	woord		artikulasie		
MONOFTONGE					
[a]	da(ar)	-	-	[da]	
	Dadda	-	[dad]	[da]	
	dankie	-	[daŋ]	-	
	kat	-	[kat]	-	2 pos.
[i]	dankie	-	-	[ci]	
	Kittie	-	[cit]	[ti]	
	Kittiekat	-	[tik]	-	2 pos.
[ɔ]	ho(m)	-	-	[hɔ]	1 pos.
DIFTONGE					
[ɛu]	wou-wou	-	[wɛu]	[wɛu]	2 pos.
[ɔi]	hy	-	-	[hɔi]	
	ky(k)	-	-	[kɔi]	1 pos.
SLUITKLANKE					
alveolêr					
[d]	da(ar)	[da]	-	*	
	Dadda	[da]	[ada]	*	
	dankie	[da]	-	*	2 pos.
[t]	kat	-	-	[kat]	
	Kittie	-	[iti]	-	2 pos.
palataal					
[c]	dankie	-	[ŋci]	-	
	Kittie	[ci]	-	-	2 pos.
velêr					
[k]	kat	[ka]	-	-	
	Kittiekat	-	[ika]	-	

Bylaag vervolg

	ky(k)	[ky]	-	-	2 pos.
NASALE					
bilabiaal					
[m]	M(amma)	[m]	-	-	0 pos.
velêr					
[ŋ]	dankie	-	[aŋc]	-	1 pos.
FRIKATIEWE					
prepalataal					
[ʃ]	da(ar i)s hy	-	[aʃði]	-	<u>sandhi</u>
	da(ar) s(h)o	-	[aʃɔ]	-	<u>sandhi</u>
alveolêr					
[s]	(i)s	-	-	[s]	1 pos.
HALFVOKALE					
[h]	hy	[hði]	-	*	1 pos.
[w]	wou-wou	* [wɛu]	[ɛuwɛu]	*	2 pos.

B4

WOORDESKAT

bad "dat"; blaf "whoef"; buite "duite"; daar "da"; Dadda; is "s"; hy; klaar "kla"; Oupa "oppa"; voël "piep"; .

SINTAKTIES

Daar is hy "dashy"

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIËS

MORFEMIESE POSISIËS : aanvang			middel		einde	
klank	woord		artikulasie			
MONOFTONGE						
[a]	<u>bad</u>	-	[dat]	-		
	<u>da</u> (ar)	-	-	[da]		
	Dadda	-	[dad]	[da]		
	da(nkie	-	-	[da]		
	kla(ar)	-	-	[la]		
	- <u>Oupa</u>	-	-	[pa]	2 pos.	
[i]	<u>piep</u>	-	[pip]	-	1 pos.	
[u]	<u>woef</u>	-	[wuf]	-	1 pos.	
[ɔ]	- <u>Oupa</u>	[ɔpa]	-	-	1 pos.	
[ð]	<u>buite</u>	-	-	[tð]	1 pos.	
DIFTONGE						
[ði]	<u>hy</u>	-	-	[hði]	1 pos.	
[ɛy]	<u>buite</u>	-	[dɛyt]	-	1 pos.	
SLUITKLANKE						
bilabiaal						
[p]	- <u>Oupa</u>	-	[ɔpa]	-		
	<u>piep</u>	[pi]	-	[ip]	3 pos.	
alveolêr						
[d]	<u>bad</u>	[da]	-	*	2 pos.	
	<u>buite</u>	[dø]	-	*		
	<u>da</u> (ar)	[da]	-	*		
	Dadda	[da]	[ada]	*		
[t]	<u>bad</u>	-	-	[at]		

Bylaag vervolg

velêr	buite	-	[ɣt̪]	-	2 pos.
[k]	kla(ar)	[kl]	-	-	1 pos.
FRIKATIEWE					
labiodentaal					
[f]	woef	-	-	[uf]	1 pos.
prepalataal					
[ʃ]	da(ar i)s hy	-	[aʃ̪i]	-	(sandhi)
(s)	da(ar) 's	-	-	[as]	1 pos.
HALFVOKALE					
[h]	hy	[h̥i]	-	*	1 pos.
[w]	woef	* [wuf]	-	*	1 pos.
LIKWIEDES					
alveolêr					
[l]	kla(ar)	-	[kla]	-	1 pos.

B5

WOORDESKAT

af; Baba; dankie; Jakkie; kat "ka"; kar "ka"; Mamma; Pappa; tata; val "va".

SINTAKTIES

Af geval "affeva"; af val "af va"

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIËS

MORFEMIESE POSISIËS : aanvang		middel		einde	
klank	woord		artikulasie		
MONOFTONGE					
[a]	af	[af]	-	-	
	Baba	-	[bab]	[ba]	
	dankie	-	[dan]	-	
	Jakkie	-	[jak]	-	
	ka(t)	-	-	[ka]	
	ka(r)	-	-	[ka]	
	Mamma	-	[mam]	[ma]	
	Pappa	-	[pap]	[pa]	
	tata	-	[tat]	[ta]	
	va(l)	-	-	[fa]	3 pos.
[i]	Jakkie	-	-	[ci]	
	dankie	-	-	[ci]	1 pos.
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	Pappa	[pa]	[apa]	-	2 pos.
alveolêr					
[d]	dankie	[da]	-	*	1 pos.
[t]	tata	[ta]	[ata]	-	2 pos.
palataal					
[c]	dankie	-	[ŋci]	-	
	Jakkie	-	[aci]	-	1 pos.
velêr					
[k]	ka(r)	[ka]	-	-	
	ka(t)	[ka]	-	-	1 pos.

Bylaag vervolg

NASALE

bilabiaal

[m]	Mamma	[ma]	[ama]	-	2 pos.
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velêr

[ŋ]	dankie	-	[aŋc]	-	1 pos.
-----	--------	---	-------	---	--------

FRIKATIEWE

labiodentaal

[f]	af	-	-	[af]	1 pos.
	af va(1)	-	[afa]	-	<u>sandhi</u>
	va(1)	[fa]	-	-	3 pos.

HALFVOKALE

[j]	Jakkie	[ja]	-	*	1 pos.
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2.2 TWINTIG WOORDE

2.2.1 NORMALE PEUTERS

A1 (ELBIE)

WOORDESKAT

Baba; Boetie; bye; daar "a" en "da"; doedoe; eet; eina; gogga "kokko"; klaar "kla"; kom "ko"; kyk "ky"; lig, Mamma, namnam "nanna"; nee, Ouma, Oupa, Pappa, tata, tietie

SINTAKTIES

Kyk daar; "Ky ka" en "Ky da". Klaar eet "kla eet". Klaar doedoe "kla doedoe".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde

klank morfeem artikulasie

MONOFTONGE

[a]	Baba	-	[bab]	[ba]	
	da(ar)	-	[da]	-	
	eina	-	-	[na]	
	kla(ar)	-	-	[la]	
	Mamma	-	[mam]	[ma]	
	na(m)na(m)	-	[nan]	[na]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	tata	-	[tat]	[ta]	2 pos.
[i]	Boetie	-	-	[ti]	
	tietie	-	[tit]	[ti]	2 pos.
[u]	Boetie	-	[but]	-	
	doedoe	-	[dud]	[du]	2 pos.
[ə]	<u>gogga</u>	-	[kək]	[kə]	
	kom	-	-	[kə]	2 pos.
[ə]	lig	-	[ləx]	-	1 pos.
[e]	eet	[et]	-	-	
	kla(ar)eet	-	[aet]	-	<u>sandhi</u>
	nee	-	-	[ne]	2 pos.

DIFTONGE

[əu]	Ouma	[əum]	-	-	
	Oupa	[əup]	-	-	1 pos.

Bylaag vervolg

[ði]	eina	[ðin]	-	-	
	ky(k)	-	-	[kði]	2 pos.
[aj]	bye	-	-	[bai]	1 pos
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	
	Boetie	[bu]	-	*	
	bye	[bai]	-	*	2 pos.
[p]	Oupa	-	[ɹupa]	-	
	Pappa	[pa]	[apa]	-	2 pos.
alveolêr					
[d]	da(ar)	[da]	-	*	
	doedoe	[du]	[udu]	*	2 pos.
	kla(ar) doedoe	-	[adu]	*	<u>sandhi</u>
	ky(k)da(ar)	-	[ðida]	*	<u>sandhi</u>
[t]	Boetie	-	[uti]	-	
	eet	-	-	[et]	
	tata	[ta]	[ata]	-	
	tietie	[ti]	[iti]	-	3 pos.
velêr					
[k]	<u>gogga</u>	[kɔ]	[fɛf]	-	
	ka(r)	[ka]	-	-	
	ko(m)	[kɔ]	-	-	
	kyk(d)a(ar)	-	[ðika]	-	<u>sandhi</u>
	ky(k)	[kði]	-	-	2 pos.
NASALE					
bilabiaal					
[m]	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɹuma]	-	2 pos.
alveolêr					
[n]	eina	-	[ðina]	-	
	na(m)na(m)	[na]	[ana]	-	
	nee	[ne]	-	-	2 pos.
FRIKATIEWE					
velêr					
[x]	lig	-	-	[lðx]	1 pos.
LIKWIEDES					
alveolêr					
[l]	lig	[lð]	-	-	1 pos.

A2 (JAN LODEWYK)

WOORDESKAT

aan "an"; af; Baba; Boetie "Toetoe"; bottel "ghôghô"; daar "a"; eina; haas "has"; hap; ek; klaar "ka"; kyk "ky"; Mamma; op; Ouma; Oupa; Pappa; perdjie-ry "hop Pa"; Sussie "Tittie"; tata.

SINTAKTIES

Hop, Pa; kyk daar; "ky a".

Bylaag vervolg

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES					
MORFEMIESE POSISIES : aanvang middel einde					
klank	woord	artikulasie			
MONOFTONGE					
[a]	(a)an	[an]	-	-	
	af	[af]	-	-	
	Baba	-	[bab]	[ba]	
	eina	-	-	[na]	
	ha(a)s	-	[has]	-	
	+hap	-	[hap]	-	
	k(l)a(ar)	-	-	[ka]	
	kyk(d)a(ar)	-	-	[ka]	<u>sandhi</u>
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	+perdjie-ry	-	-	[pa]	
	tata	-	[tat]	[ta]	3 pos.
[i]	- <u>Sussie</u>	-	-	[ti]	1 pos.
[u]	<u>Boetie</u>	-	[tut]	[tu]	2 pos.
[ɔ]	<u>bottel</u>	-	[gɔg]	[gɔ]	
	+perdjie-ry	-	[hɔp]	-	
	op	[ɔp]	-	-	3 pos.
[ə]	- <u>Sussie</u>	-	[tət]	-	1 pos.
[ɛ]	ek	[ɛk]	-	-	1 pos.
DIFTONGE					
[ɛu]	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	1 pos.
[əi]	eina	[əin]	-	-	
	ky(kd)a(ar)	-	[kəia]	-	<u>sandhi</u>
	ky(k)	-	-	[kəi]	2 pos.
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	hap	-	-	[ap]	
	op	-	-	[ɔp]	
	Oupa	-	[ɛupa]	-	
	Pappa	[pa]	[apa]	-	
	hop Pa	-	[ɔpa]	-	<u>sandhi</u>
	+perdjie-ry	-	[ɔpa]	-	3 pos.
alveolêr					
[t]	<u>Boetie</u>	[tu]	[utu]	-	
	- <u>Sussie</u>	[tə]	[əti]	-	
	tata	[ta]	[ata]	-	2 pos.
velêr					
[k]	ek	-	-	[ɛk]	
	k(l)a(ar)	[ka]	-	-	
	ky(k da)a(r)	[kəi]	[əika]	-	<u>sandhi</u>
	ky(k)	[kəi]	-	-	3 pos.
[g]	<u>bottel</u>	[gɔ]	[gɔg]	*	2 pos.
NASALE					
bilabiaal					
[m]	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɛuma]	-	2 pos.

Bylaag vervolg

alveolêr					
[n]	(a)an	-	-	[an]	
	eina	-	[ɔina]	-	2 pos.
FRIKATIEWE					
labiodentaal					
[f]	af	-	-	[af]	1 pos.
alveolêr					
[s]	ha(a)s	-	-	[as]	1 pos.
HALFVOKALE					
[h]	ha(a)s	[ha]	-	*	
	hap	[ha]	-	*	
	+perdjie-ry	[hɔ]	-	*	1 pos.

A3 (MARISKA)

WOORDESKAT

Baba; bal; Boetie; daar "a"; eina; gagga; hallo "hillou"; komaan "komma"; kyk "ky"; Mamma; namnam "nanna"; oeps; Ouma; Oupa; Pappa; piepie; skoene "kokka"; Tannie; tata; tietie.

SINTAKTIES

Kyk daar "ky da". Kom aan "kom a".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang			middel		einde	
klank	woord		artikulasie			
MONOFTONGE						
[a]	Baba	-	[bab]	[ba]		
	bal	-	[bal]	-		
	(d)a(ar)	-	-	[ðia]	<u>sandhi</u>	
	eina	-	-	[na]		
	gagga	-	[xax]	[xa]		
	koma(an)	-	-	[ma]		
	Mamma	-	[mam]	[ma]		
	na(m)na(m)	-	[nan]	[na]		
	Ouma	-	-	[ma]		
	Oupa	-	-	[pa]		
	Pappa	-	[pap]	[pa]		
	+ (s)koene	-	-	[ka]		
	Tannie	-	[tan]	-		
	tata	-	[tat]	[ta]	2 pos.	
[i]	Boetie	-	-	[ti]		
	piepie	-	[pip]	[pi]		
	Tannie	-	-	[ni]		
	tietie	-	[tit]	[ti]	2 pos.	
[u]	Boetie	-	[but]	-		
	oeps	[up]	-	-	2 pos.	
[ɔ]	koma(an)	-	[kɔm]	-	<u>sandhi</u>	
	+ (s)koene	-	[kɔk]	-	1 pos.	
[ə]	hallo	-	[həl]	-	1 pos.	
DIFTONGE						
[ɛu]	hallo	-	-	[lɛu]		
	Ouma	[ɛum]	-	-		

Bylaag vervolg

	Oupa	[ɥup]	-	-	2 pos.
[ɔi]	eina	[ɔin]	-	-	
	ky(k)	-	-	[kɔi]	2 pos.

SLUITKLANKE

bilabiaal

[b]	Baba	[ba]	[aba]	*	
	bal	[ba]	-	*	
	Boetie	[bu]	-	*	2 pos.

[p]	oepe	-	[ups]	-	
	Oupa	-	[ɥupa]	-	
	Pappa	[pa]	[apa]	-	
	piepie	[pi]	[ipi]	-	2 pos.

alveolêr

[t]	Boetie	-	[uti]	-	
	Tannie	[ta]	-	-	
	tata	[ta]	[ata]	-	
	tietie	[ti]	[iti]	-	2 pos.

velêr

[k]	koma(an)	[kɔ]	-	-	<u>sandhi</u>
	ky(k)	[kɔi]	-	-	
	+(s)koene	[kɔ]	[ɔka]	-	2 pos.

NASALE

bilabial

[m]	koma(an)	-	[ɔma]	-	<u>sandhi</u>
	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɥuma]	-	2 pos.

alveolêr

[n]	na(m)na(m)	[na]	[ana]	-	
	Tannie	-	[ani]	-	
	eina	-	[ɔina]	-	2 pos.

FRIKATIEWE

alveolêr

[s]	oepe	-	-	[ups]	1 pos.
-----	------	---	---	-------	--------

velêr

[x]	gagga	[xa]	[axa]	-	2 pos.
-----	-------	------	-------	---	--------

HALFVOKALE

[h]	hallo	[hɔ]	-	*	1 pos.
-----	-------	------	---	---	--------

LIKWIEDES

alveolêr

[l]	bal	-	-	[al]	
	hallo	-	[ɔlɥu]	-	2 pos.

A4 (JAN LOUIS)

WOORDESKAT

Aag; Baba; Annabel "Bel"; broodjie "bootjie"; dankie "da"; doedoe; een; eina; gogga "goggo"; Hanna; hond "woef"; Mamma; motor "brrr"; myne; namnam "nanna"; oepe; Pappa; sjoe; stofsuijer "mmm"; tietie; twee.

SINTAKTIES - Geen uitbreiding

Bylaag vervolg

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang		middel		einde
klank	woord	artikulasie		
MONOFTONGE				
[a]	aag	[a:x]	-	-
	Baba	-	[bab]	[ba]
	da(nkie)	-	-	[da]
	eina	-	-	[na]
	Hanna	-	[han]	[na]
	Mamma	-	[mam]	[ma]
	nanna	-	[nan]	[na]
	Pappa	-	[pap]	[pa] 3 pos.
[i]	b(r)oodjie	-	-	[ci]
	tietie	-	[tit]	[ti] 2 pos.
[u]	doedoe	[du]	[dud]	-
	oepe	[ups]	-	-
	sjo	-	-	[fu]
	woef	-	[vuf]	- 3 pos.
[ɔ]	gogga	-	[xɔx]	[xɔ] 2 pos.
[ə]	myne	-	-	[nə] 1 pos.
[ɛ]	Bel	-	[bɛl]	- 1 pos.
[e]	een	[en]	-	-
	tee	-	-	[we] 2 pos.
DIFTONGE				
[əi]	eina	[əin]	-	-
	myne	-	[məin]	- 2 pos.
[oɪ]	b(r)oodjie	-	[boɪc]	- 1 pos.
SLUITKLANKE				
bilabiaal				
[b]	Baba	[ba]	[aba]	*
	Bel	[bɛl]	-	*
	b(r)oodjie	[boɪ]	-	*
	+motor	[br]	-	* 2 pos.
[p]	oepe	-	[ups]	-
	Pappa	[pa]	[apa]	- 2 pos.
alveolêr				
[d]	da(ar)	[da]	-	*
	doedoe	[du]	[udu]	- 2 pos.
[t]	tietie	[ti]	[iti]	-
	tee	[tw]	-	- 2 pos.
palataal				
[ç]	b(r)oodjie	-	[oɪci]	- 1 pos.
NASALE				
bilabiaal				
[m]	Mamma	[ma]	[ama]	-
	myne	-	[məin]	-
	stofsui	[mmm]	-	- 2 pos.
alveolêr				
[n]	een	-	-	[en]
	eina	-	[əina]	-
	Hanna	-	[ana]	-
	na(m)na(m)	[na]	[ana]	-
	myne	-	[əinə]	- 3 pos.

Bylaag vervolg

FRIKATIEWE

labiodentaal

[f]	woef	-	-	[uf]	1 pos.
[v]	woef	[vu]	-	*	1 pos.

alveolêr

[s]	oepe	-	-	[ps]	1 pos.
[ʃ]	sjo	[ʃu]	-	-	1 pos.

velêr

[x]	aag	-	-	[a:x]	
	gogga	[xɔ]	[ɔxɔ]	-	3 pos.

HALFVOKALE

[h]	Hanna	[ha]	-	*	1 pos.
[w]	twee	-	[twe]	*	1 pos.

LIKWIEDES

alveolêr

[l]	Bel	-	-	[ɛl]	1 pos.
[r]	+ motor	-	-	[br]	1 pos.

2.3.3 KINDERS MET DOWNSINDROOM - 30 WOORDE

B1

WOORDESKAT

Anton "Anto"; blom "bom"; brood "boot"; Cindy; die; gou; hier "hie"; is; julle; kamer "kame"; klaar "kla"; Mamma; Ouma; Oupa; Pappa; slaap "sthlap"; so; Sussie; Tannie; waar "wa".

SINTAKTIES

In die kamer "i die kame"; hier so gou "hie so gou". Klaar slaap "klaar s(th)laap". Waar is julle? "wa(ar)'s julle".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde

klank woord artikulasie

MONOFTONGE

[a]	Anto(n)	[an]	-	-	
	kame(r)	-	[kam]	-	
	kla(ar)	-	-	[la]	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	+s(th)laap	-	[lap]	-	
	Tannie	-	[tan]	-	
	wa(ar)	-	-	[va]	3 pos.
[i]	Cindy	-	-	[di]	
	die	-	-	[di]	
	hie(r)	-	-	[hi]	
	Sussie	-	-	[si]	
	Tannie	-	-	[ni]	1 pos.
[ɔ]	Anto(n)	-	-	[tɔ]	
	b(l)om	-	[bɔm]	-	
	hierso	-	-	[sɔ]	2 pos.
[ə]	Cindy	-	[səɪ]	-	
	in	[əɪ]	-	-	

Bylaag vervolg

	is	[ðs]	-	-	
	julle	-	-	[lð]	
	kame(r)	-	-	[mð]	
	mo(r)e	-	-	[ð]	3 pos.
[o]	b(r)ood	-	[bot]	-	1 pos.
[ɛ]	julle	-	[jɛl]	-	
	Sussie	-	[sɛs]	-	1 pos.
DIFTONGE					
[ɛu]	gou	-	-	[xɛu]	
	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	2 pos.
[aj]	bye	-	-	[baj]	1 pos.
SLUITKLANKE					
bilabiaal					
[b]	b(l)om	[bɔ]	-	-	
	b(r)ood	[bo]	-	-	
	bye	[baj]	-	-	1 pos.
[p]	Oupa	-	[ɛupa]	-	
	Pappa	[pa]	[apa]	-	
	+s(th)laap	-	-	[ap]	3 pos.
alveolêr					
[d]	Cindy	-	[ndi]	*	
	die	[di]	-	-	2 pos.
	i(n) die	-	[ðdi]	-	<u>sandhi</u>
[t]	Anto(n)	-	[ntɔ]	-	
	Tannie	[ta]	-	-	
	b(r)ood	-	-	[ot]	3 pos.
velêr					
[k]	die kame(r)	-	[ika]	-	<u>sandhi</u>
	kame(r)	[ka]	-	-	
	kla(ar)	[kl]	-	-	1 pos.
NASALE					
bilabiaal					
[m]	blom	-	-	[ɔm]	
	kame(r)	-	[amð]	-	
	Mamma	[ma]	[ama]	-	
	mo(r)e	[mo]	-	-	3 pos.
alveolêr					
[n]	Anto(n)	-	[ant]	-	
	Anton nou	-	[ɔnɛu]	[ɔn]	2x <u>sandhi</u>
	Cindy	-	[ndi]	-	
	in	-	-	[ðn]	
	nou	[nɛu]	-	-	<u>sandhi</u>
	Tannie	-	[ani]	-	3 pos.
FRIKATIEWE					
labiodentaaal					
[v]	wa(ar)	[va]	-	-	1 pos.
alveolêr					
[s]	Cindy	[sð]	-	-	
	hie(r)so	-	[isɔ]	-	<u>sandhi</u>
	kla(ar)sthlaap	-	[asðl]	-	<u>sandhi</u>
	+s(th)laap	[sðla]	-	-	
	so	[sɔ]	-	-	
	Sussie	[sɛ]	[ɛsi]	-	

Bylaag vervolg

	is	-	-	[ðs]	3 pos.
velêr					
[x]	gou	[xɔu]	-	-	1 pos.
	so gou	-	[ɔxɔu]	-	<u>sandhi</u>
HALFVOKAAL					
[h]	hie(r)	[hi]	-	*	1 pos.
[j]	julle	[jɛ]	-	*	1 pos.
	wa(ar)s julle	-	[ʃɛ]	*	<u>sandhi</u>
LIKWIEDES					
alveolêr					
[l]	julle	-	[ɹlð]	-	
	kla(ar)	-	[kla]	-	
	+s(th)laap	-	[ðla]	-	1 pos.

B3

WOORDESKAT

Daar "da"; Dadda; dankie; hom "ho"; hy; is "s"; Kittiekat; kyk; lekker; Mamma (kan met moeite uitgespreek word); stout; Tannie; tata; vis; hond "whou-whou".

SINTAKTIES

Daar is hy "dashy"; Daar sô "dasho".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang		middel		einde	
klank	woord		artikulasie		
MONOFTONGE					
[a]	da(ar)	-	-	[da]	
	Dadda	-	[dad]	[da]	
	dankie	-	[dan]	-	
	Kittiekat	-	[kat]	-	
	Mamma	-	[mam]	[ma]	
	Tannie	-	[tan]	-	
	tata	-	[tat]	[ta]	2 pos.
[i]	dankie	-	-	[ci]	
	Kittiekat	-	[cit]	[ti]	
	Kittiekat	-	[tik]	-	
	Tannie	-	-	[ni]	2 pos.
[ɔ]	ho(m)	-	-	[hɔ]	1 pos.
[ð]	lekker	-	[kðr]	-	
	vis	-	[fðs]	-	1 pos.
[ɛ]	lekker	-	[lɛk]	-	1 pos.
DIFTONGE					
[ɔu]	stout	-	[tɔut]	-	
	hond	-	[wɔuw]	[wɔu]	2 pos.
[ði]	hy	-	-	[hði]	
	kyk	-	-	[kði]	1 pos.
SLUITKLANKE					
alveolêr					
[d]	da(ar)	[da]	-	*	
	Dadda	[da]	[ada]	*	
	dankie	[da]	-	*	2 pos.
[t]	Kittiekat	-	[iti]	[kat]	

Bylaag vervolg

	stout	-	[stɔu]	[ɔut]	
	Tannie	[ta]	-	-	
	tata	[ta]	[ata]	-	3 pos.
palataal					
[c]	dankie	-	[ŋci]	-	
	Kittiekat	[ci]	-	-	2 pos.
velêr					
[k]	Kitiekat	[ka]	[tik]	-	
	kyk	[kɔi]	-	[ɔik]	
	lekker	-	[ɛkɔ]	-	3 pos.
NASALE					
bilabiaal					
[m]	Mamma	[ma]	[ama]	-	2 pos.
alveolêr					
[n]	Tannie	-	[ani]	-	1 pos.
velêr					
[ŋ]	dankie	-	[aŋc]	-	1 pos.
FRIKATIEWE					
labiodentaal					
[f]	vis	[fɔs]	-	-	1 pos.
alveolêr					
[s]	is	-	-	[s]	<u>sandhi</u>
	stout	[st]	-	-	
	vis	-	-	[ɔs]	2 pos.
[ʃ]	da(ar i)s ho(m)-	-	[aʃɔ]	-	<u>sandhi</u>
	da(ar i)s hy	-	[aʃɔi]	-	<u>sandhi</u>
HALFVOKALE					
[h]	hy	[hɔi]	-	*	
	ho(m)	[hɔ]	-	*	1 pos.
[w]	hond	[wɔu]	[ɔuwɔu]	*	2 pos.
LIKWIEDES					
alveolêr					
[l]	lekker	[lɛ]	-	-	1 pos.
[r]	lekker	-	-	[ɔr]	1 pos.

B 5

WOORDESKAT

Af; aag; Baba; bad; bal; daar "da"; dankie; doedoe; eina; hallo; Jakkie; kar "ka"; kat; klaar "kla"; Mamma; Oupa; Pappa; Tannie "Tallie"; tata; val "va".

SINTAKTIES

Klaar doedoe/bad "Kla doedoe/bat". Hallo, Pappa/Mamma/Oupa/Tannie. Dankie Mamma/Tannie.

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde
klank morfeem artikulasie

MONOFTONGE

[a]	aag	[a:x]	-	-
	af	[af]	-	-
	Attie	[at]	-	-
	baba	-	[bab]	[ba]

Bylaag vervolg

	bad	-	[bat]	-	
	bal	-	-	[ba]	
	da(ar)	-	-	[da]	
	dankie	-	[daŋ]	-	
	eina	-	-	[na]	
	hallo	-	[hal]	-	
	Jakkie	-	[jak]	-	
	ka(r)	-	-	[ka]	
	kat	-	[kat]	-	
	kla(ar)	-	-	[kla]	
	Mamma	-	[mam]	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	Tannie	-	[tal]	-	
	tata	-	[tat]	[ta]	
	val	-	[fal]	-	3 pos.
[i]	Attie	-	-	[ti]	
	dankie	-	-	[ci]	
	Jakkie	-	-	[ci]	
	Tannie	-	-	[li]	1 pos.
[u]	doedoe	-	[udu]	[du]	2 pos.
DIFTONGE					
[ɛu]	hallo	-	-	[lɛu]	
	Oupa	[ɛup]	-	-	2 pos.
	hallo Tannie	-	[ɛuta]	-	<u>sandhi</u>
[əi]	eina	[əin]	-	-	1 pos.
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	
	bad	[ba]	-	*	
	bal	[ba]	-	*	2 pos.
	kla(ar) bad	-	[aba]	*	<u>sandhi</u>
[p]	Oupa	-	[ɣupa]	-	
	Pappa	[pa]	[apa]	-	2 pos.
alveolêr					
[d]	da(ar)	[da]	-	-	
	dankie	[da]	-	*	
	doedoe	[du]	[udu]	*	2 pos.
	kla(ar) doedoe	-	[adu]	*	<u>sandhi</u>
[t]	Attie	-	[ati]	-	
	bad	-	-	[at]	
	Tannie	[ta]	-	-	
	tata	[ta]	[ata]	-	3 pos.
	dankie Tannie	-	[ita]	-	<u>sandhi</u>
palataal					
[c]	dankie	-	[ŋci]	-	
	Jakkie	-	[aci]	-	1 pos.
velêr					
[k]	ka(r)	[ka]	-	-	
	kat	[ka]	-	-	
	kla(ar)	[kla]	-	-	1 pos.

Bylaag vervolg

NASALE

bilabiaal

[m]	Mamma	[ma]	[ama]	-	2 pos.
	dankie Mamma	-	[ima]	-	<u>sandhi</u>

alveolêr

[n]	eina	-	[ðina]	-	1 pos.
-----	------	---	--------	---	--------

velêr

[ŋ]	dankie	-	[aŋc]	-	1 pos.
-----	--------	---	-------	---	--------

FRIKATIEWE

labiodentaal

[f]	af	-	-	[af]	
	afval	-	[afa]	-	
	val	[fa]	-	-	3 pos.

velêr

[x]	aag	-	-	[a:x]	1 pos.
-----	-----	---	---	-------	--------

HALFVOKALE

[h]	hallo	[ha]	-	*	1 pos.
-----	-------	------	---	---	--------

[j]	Jakkie	[ja]	-	*	1 pos.
-----	--------	------	---	---	--------

LIKWIEDES

alveolêr

[l]	bal	-	-	[al]	
	hallo	-	[alɥu]	-	
	kla(ar)	-	[kla]	-	
	Tannie	-	[ali]	-	2 pos.

2.3 DERTIG WOORDE

2.3.1 NORMALE PEUTERS

A1 (Elbie)

WOORDESKAT

Baba; Boetie; bye; daar "da"; doedoe; eet; eina; gogga "kokko"; help; klaar "kla"; kom; kos; ky(k); Lettie; lig; Mamma; myne; namnam "nanna"; nee; nie; Oom; Ouma; Oupa; Pappa; seuntjie; so; Tannie; tata; tietie.

SINTAKTIES

Klaar eet/doedoe "Kla eet/doedoe". Myne tietie/namnam "Myne nanna".

Bye Mamma/Pappa/Boetie/Tannie/Oom. Dankie Mamma, Pappa, Boetie, Lettie, Pappa. Kyk daar "Ky da". Kom eet.

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde

klank woord artikulasie

MONOFTONGE

[a]	Baba	-	[bab]	[ba]
	da(ar)	-	-	[da]
	da(nkie)	-	-	[da]
	eina	-	-	[na]
	<u>gogga</u>	-	-	[ka]
	kla(ar)	-	-	[la]
	Mamma	-	[mam]	[ma]
	na(m)na(m)	-	[nan]	[na]
	Ouma	-	-	[ma]
	Oupa	-	-	[pa]

Bylaag vervolg

	Pappa	-	[pap]	[pa]	
	Tannie	-	[tan]	-	
	tata	-	[tat]	[ta]	2 pos.
[i]	Boetie	-	-	[ti]	
	Lettie	-	-	[ti]	
	nie	-	-	[ni]	
	seuntjie	-	-	[ci]	
	Tannie	-	-	[ni]	
	tietie	-	[tit]	[ti]	2 pos.
[u]	Boetie	-	[but]	-	
	doedoe	-	[dud]	[du]	2 pos.
[ɔ]	gogga	-	[kɔk]	[kɔ]	
	kom	-	[kɔm]	-	
	kos	-	[kɔs]	-	2 pos.
[ə]	lig	-	[lɔx]	-	
	myne	-	-	[nɔ]	2 pos.
[ɛ]	help	-	[hɛl]	-	
	Lettie	-	[lɛt]	-	1 pos.
[e]	eet	[et]	-	-	
	kla(ar)eet	-	[aet]	-	<u>sandhi</u>
	nee	-	-	[ne]	2 pos.
[o]	Oom	[om]	-	-	
	so	-	-	[so]	2 pos.
[ø]	seuntjie	-	[søŋ]	-	1 pos.
DIFTONGE					
[ɛu]	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	1 pos.
[ɔi]	eina	[ɔin]	-	-	
	kyk	-	[kɔik]	-	
	myne	-	[mɔin]	-	2 pos.
[aj]	bye	-	-	[baj]	1 pos.
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	
	Boetie	[bu]	-	*	
	bye	[baj]	-	*	2 pos.
[p]	help	-	-	[lp]	
	Oupa	-	[ɛupa]	-	
	Pappa	[pa]	[apa]	-	3 pos.
alveolêr					
[d]	daa(r)	[da]	-	*	
	da(nkie)	[da]	-	*	
	doedoe	[du]	[udu]	*	2 pos.
	kla(ar) doedoe	-	[adu]	*	<u>sandhi</u>
[t]	Boetie	-	[uti]	-	
	da(ar)	-	-	[et]	
	eet	-	-	[et]	
	Lettie	-	[eti]	-	
	tata	[ta]	[ata]	-	
	Tannie	[ta]	-	-	
	tietie	[ti]	[iti]	-	3 pos.
palataal					
[ç]	seuntjie	-	[ŋci]	-	1 pos.
velêr					

Bylaag vervolg

[k]	gogga	[kə]	[əkə]	-	
	kla(ar)	[kl]	-	-	
	kom	-	[kəm]	-	
	kos	[kəs]	-	-	
	ky(k)	[kəi]	-	-	2 pos.
NASALE					
bilabiaal					
[m]	kom	-	-	[əm]	
	kom eet	-	[əme]	-	<u>sandhi</u>
	Oom	-	-	[om]	
	Ouma	-	[uma]	-	
	Mamma	[ma]	[ama]	-	
	myne	[mɔi]	-	-	3 pos.
alveolêr					
[n]	myne	-	[ɛinɔ]	-	
	na(m)na(m)	[na]	[ana]	-	
	nee	[ne]	-	-	
	nie	[ni]	-	-	
	Tannie	-	[ani]	-	2 pos.
velêr					
[ŋ]	seuntjie	-	[øŋc]	-	1 pos.
FRIKATIEWE					
alveolêr					
[s]	kos	-	-	[əs]	
	seuntjie	[sø]	-	-	2 pos.
velêr					
[x]	lig	-	-	[əx]	1 pos.
HALFVOKALE					
[h]	help	[hɛl]	-	-	1 pos.
LIKWIEDES					
alveolêr					
[l]	help	-	[hɛl]	-	
	kla(ar)	-	[kla]	-	
	Lettie	[lɛt]	-	-	
	lig	[lɔx]	-	-	2 pos.

A2 (Jan Lodewyk)

WOORDESKAT

Aan "an"; af; Arno "Arnon"; Baba; Boetie "Toetoe"; bottel "ghôgghô"; daar "a"; eet "ham"; eina; ek; haas; hap; hoender (hanekraai); huis "hys"; Jana "Nana"; klaar "kla"; kyk; Mamma; medisyne "nyne"; myne "nyne"; nat; op; Ouma; Oupa; Pappa; perdjie -ry "hoppa"; poef; kar-ry "him"; sies "ties"; Sussie "Tittie"; tata; vleis "jeis"; voël (hanekraai).

SINTAKTIES

Ek klaar. Kyk daar "Ky ka".

Bylaag vervolg

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde
klank woord artikulasie

MONOFTONGE

[a]	aan	[an]	-	-	
	af	[af]	-	-	
	A(r)non	[an]	-	-	
	Baba	-	[bab]	[ba]	
	da(ar)	[a]	-	-	
	eet	-	[ham]	-	
	eina	-	-	[na]	
	haas	-	[ha:s]	-	
	hap	-	[hap]	-	
	+hoender	[a?aa]	-	-	
	Jana	-	[nan]	[na]	
	kla(ar)	-	-	[la]	
	Mamma	-	[mam]	[ma]	
	nat	-	[nat]	-	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	+perdjie-ry	-	-	[pa]	
	tata	-	[tat]	[ta]	
	voël	[a?aa]	-	-	3 pos.
[i]	sies	-	[tis]	-	
	-Sussie	-	-	[ti]	2 pos.
[u]	Boetie	-	[tut]	[tu]	
	poef	-	[puf]	-	2 pos.
[ɔ]	A(r)non	-	[nɔn]	-	
	+bottel	-	[gɔg]	[gɔ]	
	op	[ɔp]	-	-	
	+perdjie-ry	-	[hɔp]	-	3 pos.
[ə]	kar-ry	-	[həm]	-	
	myne	-	-	[nə]	
	medisyne	-	-	[nə]	
	myne	-	-	[nə]	
	-Sussie	-	[tət]	-	2 pos.
[ɛ]	ek	[ɛk]	-	-	1 pos.

DIFTONGE

[ɜu]	Ouma	[ɜum]	-	-	
	Oupa	[ɜup]	-	-	1 pos.
[əi]	eina	[əin]	-	-	
	-huis	-	[həis]	-	
	kyk	-	[kəik]	-	
	medisyne	-	[nəin]	-	
	myne	-	[nəin]	-	
	vleis	-	[jəis]	-	2 pos.

SLUITKLANKE

bilabiaal

[b]	Baba	[ba]	[aba]	*	2 pos.
[p]	hap	-	-	[ap]	
	op	-	-	[ɔp]	
	Oupa	-	[ɜupa]	-	
	Pappa	[pa]	[apa]	-	

Bylaag vervolg

	+perdjie-ry	-	[ɔpa]	-	
	poef	[puf]	-	-	3 pos.
alveolêr					
[t]	Boetie	[tu]	[utu]	-	
	nat	-	-	[at]	
	sies	[ti]	-	-	
	Sussie	[tɔ]	[ɔti]	-	
	tata	[ta]	[ata]	-	3 pos.
velêr					
[k]	ek	-	-	[ɛk]	
	kla(ar)	[kla]	-	-	
	kyk	[kɔi]	-	[ɔik]	3 pos.
	kyk (d)a(ar)	-	[ɔika]	-	<u>sandhi</u>
[g]	<u>bottel</u>	[gɔ]	[ɔgɔ]	*	2 pos.
NASALE					
bilabiaal					
[m]	eet	-	-	[am]	
	Mamma	[ma]	[ama]	-	
	Ouma	-	[ɔuma]	-	
	ry	-	-	[ɔm]	3 pos.
alveolêr					
[n]	A(r)non	-	[anɔ]	[ɔn]	
	a(a)n	-	-	[an]	
	eina	-	[ɔina]	-	
	Jana	[na]	[ana]	-	
	nat	[na]	-	-	
	medisyne	[nɔi]	[ɔinɔ]	-	
	myne	[nɔi]	[ɔinɔ]	-	3 pos.
FRIKATIEWE					
labiodentaal					
[f]	af	-	-	[af]	
	poef	-	-	[puf]	1 pos.
alveolêr					
[s]	haas	-	-	[a:s]	
	- <u>huis</u>	-	-	[hɔis]	
	<u>vleis</u>	-	-	[jɔis]	1 pos.
HALFVOKALE					
[h]	+eet	[ha]	-	*	
	haas	[ha]	-	*	
	hap	[ha]	-	*	
	+hoppa	[hɔ]	-	*	
	- <u>huis</u>	[hɔi]	-	*	
	+kar-ry	[hɔ]	-	*	1 pos.
[j]	<u>vleis</u>	[jɔi]	-	*	1 pos.
LIKWIEDES					
[l]	kla(ar)	-	[kla]	-	1 pos.

A 3 Mariska

WOORDESKAT

Aan "a"; aap; Baba; bal; beker "beke"; Boetie; daar "da"; eina; ekskuus "kies"; gagga; goodbye "koebaai"; hallo "hillou"; hy "ty"; koffie "toffie"; Mamma; namnam "nanna"; los; oeps; Ouma; Oupa; Pappa; piepie; skoene "kokka"; stout "tout"; Tannie; tata;

Bylaag vervolg

tietie; werk "wêk".

SINTAKTIES

Kom aan "Kom a". Daar is hy "Da ty". Goodbye Pappa/Tannie. Mamma werk "Mamma wêk". Boetie stout "Boetie tout".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang		middel		einde	
klank	woord	artikulasie			
MONOFTONGE					
[a]	a(an)	[a]	-	-	
	aap	[a:p]	-	-	
	Baba	-	[bab]	[ba]	
	bal	-	[bal]	-	
	da(ar)	-	-	[da]	
	eina	-	-	[na]	
	gagga	-	[xax]	[xa]	
	koma(an)	-	-	[ma]	
	ky(kd)a(ar)	-	-	[ka]	
	Mamma	-	[mam]	[ma]	
	na(m)na(m)	-	[nan]	[na]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	+ (s)koene	-	-	[ka]	
	Tannie	-	[tan]	-	
	tata	-	[tat]	[ta]	3 pos.
[i]	Boetie	-	-	[ti]	
	(eks)kuus	-	[cis]	-	
	koffie	-	-	[fi]	
	piepie	-	[ipi]	[pi]	
	Tannie	-	-	[ni]	
	tietie	-	[tit]	[ti]	2 pos.
[u]	Boetie	-	[but]	-	
	-goo(d)bye	-	[kub]	-	
	oeps	[up]	-	-	2 pos.
[ə]	koffie	-	[təf]	-	
	koma(n)	-	[kəm]	-	
	los	-	[ləs]	-	
	+ (s)koene	-	[kək]	-	1 pos.
[ə]	beke(r)	-	-	[kə]	
	hallo	-	[həl]	-	2 pos.
[ɛ]	we(r)k	-	[vɛk]	-	1 pos.
[e]	beke(r)	-	[bek]	-	1 pos.
DIFTONGE					
[əu]	hallo	-	-	[ləu]	
	Ouma	[əum]	-	-	
	Oupa	[əup]	-	-	
	(s)tout	-	[təut]	-	3 pos.
[əi]	eina	[əin]	-	-	
	hy	-	-	[həi]	
	kyk	-	[kəik]	-	3 pos.
[aj]	-goo(d)bye	-	-	[baɪ]	1 pos.
SLUITKLANKE					

Bylaag vervolg

bilabiaal

[b]	Baba	[ba]	[aba]	*	
	bal	[ba]	-	*	
	beke(r)	[be]	-	*	
	Boetie	[bu]	-	*	
	goo(d)bye	-	[ubaj]	*	2 pos.
[p]	aap	-	-	[a:p]	
	oepe	-	[ups]	-	
	Oupa	-	[upa]	-	
	Pappa	[pa]	[apa]	-	
	piepie	[pi]	[ipi]	-	3 pos.

alveolêr

[d]	da(ar)	[da]	-	*	1 pos.
[t]	Boetie	-	[uti]	-	
	Tannie	[ta]	-	-	
	tata	[ta]	[ata]	-	
	tietie	[ti]	[iti]	-	
	koffie	[tɔ]	-	-	
	(s)tout	[tɔu]	-	[ɛut]	3 pos.

palataal

[c]	-(eks)kuus	[ci]	-	-	1 pos.
-----	------------	------	---	---	--------

velêr

[k]	beke(r)	-	[ekɔ]	-	
	goo(d)bye	[ku]	-	-	
	komaa(n))	[kɔ]	-	-	
	kyk	[kɔi]	-	[ɔik]	
	kyk (d)a(ar)	-	[ɔika]	-	sandhi
	+(s)koene	[kɔ]	[ɔka]	-	
	we(r)k	-	-	[ɛk]	3 pos.

NASALE

bilabiaal

[m]	komaa(n)	-	[ɔma]	-	sandhi
	kom	-	-	[ɔm]	
	Mamma	[ma]	[ama]	-	
	Ouma	-	[uma]	-	3 pos.

alveolêr

[n]	eina	-	[ɔina]	-	
	na(m)na(m)	[na]	[ana]	-	
	Tannie	-	[ani]	-	2 pos.

FRIKATIEWE

labiodentaal

[f]	koffie	-	[ɔfi]	-	1 pos.
[v]	we(r)k	[ve]	-	-	1 pos.

alveolêr

[s]	(eks)kuus	-	-	[is]	
	los	-	-	[ɔs]	
	oepe	-	-	[ps]	1 pos.

velêr

[x]	gagga	[xa]	[axa]	-	2 pos.
-----	-------	------	-------	---	--------

HALFVOKALE

[h]	hallo	[hɔ]	-	*	1 pos.
-----	-------	------	---	---	--------

LIKWIEDES

alveolêr

[l]	bal	-	-	[al]	
-----	-----	---	---	------	--

Bylaag vervolg

hallo	-	[əlu]	-	
los	[lɔ]	-	-	3 pos.

2.3.2 KINDERS MET DOWNSINDROOM

B1

WOORDESKAT

Anton "Anto, Anton"; blom "bom"; brood "boot"; bye bye; Cindy; dankie; die; goed; gou; hier "hie"; huil "hyl"; in "i"; is "s"; julle; jy; kamer "kame"; klaar "ka"; kom "ko"; Lizzy; Mamma; more "mo'e"; nou; Ouma; Oupa; Pappa; slaap "sthlaap"; so; Sussie; Tannie; waar "wa".

SINTAKTIES

In die kamer : "In die kame"; Bye-bye julle; Goed dankie; Klaar piepie. Baba huil "Baba hyl". Waar Anton nou? Kom hier so gou "Ko hieso gou ". Lizzy, waar's jy ?

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIËS

MORFEMIESE POSISIËS : aanvang middel einde

klanke woord artikulasie

MONOFTONGE

[a]	Anton	[an]	-	-	
	dankie	-	[daŋ]	-	
	kame(r)	-	[amə]	-	
	k(l)a(ar)	-	-	[ka]	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	+s(th)laap	-	[la:p]	-	
	Tannie	-	[tan]	-	
	waa(r)	-	-	[va]	3 pos.
[i]	Cindy	-	-	[di]	
	dankie	-	-	[ci]	
	die	-	-	[di]	
	hie(r)	-	-	[hi]	
	Lizzy	-	-	[zi]	
	Sussie	-	-	[si]	
	Tannie	-	-	[ni]	1 pos.
[u]	goed	-	[xut]	-	1 pos.
[ɔ]	Anton	-	[tɔn]	[tɔ]	
	b(l)om	-	[bɔm]	-	
	mo(r)e	-	[mɔə]	-	
	ko(m)	-	-	[kɔ]	
	so	-	-	[sɔ]	2 pos.
[ə]	Cindy	-	[sən]	-	
	i(n)die	[əd]	-	-	
	mo(r)e	-	-	[ɔ'ə]	
	julle	-	-	[lɔ]	
	Lizzy	-	[lɪz]	-	3 pos.
[ɜ]	Sussie	-	[sɜs]	-	
	julle	-	[jɜl]	-	1 pos.
[o]	b(r)ood	-	[bot]	-	1 pos.

Bylaag vervolg

DIFTONGE

[ɛu]	gou	-	-	[xɛu]	
	nou	-	-	[nɛu]	
	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	2 pos.
[ɔi]	huil	-	[hɔil]	-	
	jy	-	-	[jɔi]	2 pos.
[aj]	bye bye	-	[bajb]	[baj]	2 pos.

SLUITKLANKE

bilabiaal

[b]	b(l)om	[bɔ]	-	-	
	b(r)ood	[bo]	-	-	
	bye bye	[baj]	[ajbaj]	*	2 pos.
[p]	Pappa	[pa]	[apa]	-	
	oupa	-	[ɛupa]	-	
	piepie	[pi]	[ipi]	-	
	+s(th)laap	-	-	[a:p]	3 pos.

alveolêr

[d]	Cindy	-	[ndi]	*	
	dankie	[da]	-	*	
	die	[di]	-	*	2 pos.
	goed dankie	-	[uda]	*	<u>sandhi</u>
	in die	-	[ndi]	*	<u>sandhi</u>
[t]	Anto(n)	-	[ntɔ]	-	
	b(r)ood	-	-	[ot]	
	goed	-	-	[ut]	
	Tannie	[ta]	-	-	3 pos.

palataal

[c]	dankie	-	[ŋci]	-	1 pos.
-----	--------	---	-------	---	--------

velêr

[k]	kame(r)	[ka]	-	-	
	k(l)a(ar)	[ka]	-	-	
	ko(m)	[kɔ]	-	-	1 pos.

NASALE

bilabiaal

[m]	b(l)om	-	-	[ɔm]	
	Mamma	[ma]	[ama]	-	
	mo(r)e	[mɔ]	-	-	
	kame(r)	-	[amɔ]	-	
	ouma	-	[ɛuma]	-	3 pos.

alveolêr

[n]	Anton	-	[ant]	[ɔn]	
	Tannie	-	[ani]	-	
	Cindy	-	[ɔnd]	-	
	nou	[nɛu]	-	-	3 pos.

velêr

[ŋ]	dankie	-	[aŋc]	-	1 pos.
-----	--------	---	-------	---	--------

FRIKATIEWE

labiodentaal

[v]	wa(ar)	[va]	-	-	1 pos.
-----	--------	------	---	---	--------

alveolêr

[s]	wa(ar)'s	-	-	[a:s]	<u>sandhi</u>
	Cindy	[si]	-	-	
	+s(th)laap	[sɔ]	-	-	

Bylaag vervolg

	so	[sɔ]	-	-	
	Sussie	[su]	[ɹsi]	-	3 pos.
[z]	Lizzy	-	[ðzi]	-	1 pos.
velêr					
[x]	goed	[xu]	-	-	
	gou	[xɹu]	-	-	1 pos.
HALFVOKALE					
[h]	hie(r)	[hi]	-	*	
	huil	[hɔi]	-	*	1 pos.
[j]	julle	[jɹ]	-	*	
	jy	[jɔi]	-	*	1 pos.
LIKWIEDES					
alveolêr					
[l]	huil	-	-	[ðil]	
	julle	-	[ɹlɔ]	-	
	Lizzy	[lɔ]	-	-	
	+s(th)laap	-	[ðla:]	-	3 pos.

B5

WOORDESKAT

Af; aag; Attie; Baba; bad; bal; Boet; daar "da"; dankie; doedoe; eina; gogga "kokka"; hallo; ja; Jakkie; kar "ka"; kat; klaar "kla"; koekie; Mamma; melk "mêk"; melk hê "mêkie"; Pappa; pasop "piep"; Tannie "Tallie"; tata; Teddie; val "va"; vis; vleis "veis"; woefie.

SINTAKTIES

Melk hê "mêkie". Af val "afva".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang		middel	einde
klank	woord	artikulasie	
MONOFTONGE			
[a]	af	[af]	-
	aag	[a:x]	-
	Attie	[at]	-
	Baba	-	[bab]
	bad	-	[bat]
	bal	-	[bal]
	da(ar)	-	[da]
	dankie	-	[da]
	eina	-	[na]
	<u>gog</u> ga	-	[ka]
	hallo	-	[hal]
	ja	-	[ja]
	Jakkie	-	[jac]
	ka(r)	-	[ka]
	kat	-	[kat]
	kla(ar)	-	[kla]
	Mamma	-	[mam]
	Oupa	-	[pa]
	Pappa	-	[pap]
	<u>Tann</u> ie	-	[tal]
	tata	-	[tat]

Bylaag vervolg

	va(1)	-	-	[fa]	3 pos.
[i]	Attie	-	-	[ti]	
	dankie	-	-	[ci]	
	Jakkie	-	-	[ci]	
	me(1)kie	-	-	[ci]	
	koekie	-	-	[ci]	
	piep	-	[pip]	-	
	Tallie	-	-	[li]	
	Teddie	-	-	[di]	
	woefie	-	-	[fi]	2 pos.
[u]	Boet	-	[but]	-	
	doedoe	-	[dud]	[du]	
	koekie	-	[kuk]	-	
	woefie	-	[vuf]	-	2 pos.
[ɔ]	<u>gogga</u>	-	[kɔk]	-	1 pos.
[ə]	vis	-	[fəʒs]	-	1 pos.
[ɛ]	ek	[ɛk]	-	-	
	me(1)k	-	[mekl]	-	
	Teddie	-	[ted]	-	2 pos.
DIFTONGE					
[ɛu]	hallo	-	-	[lɛu]	
	Oupa	[ɛup]	-	-	2 pos.
[əi]	eina	[əin]	-	-	
	v(1)eis	-	[fəʒis]	-	2 pos.
SLUITKLANKE					
bilabiaal					
b]	Baba	[ba]	[aba]	*	
	bad	[ba]	-	*	
	bal	[ba]	-	*	
	Boet	[bu]	-	*	2 pos.
[p]	Oupa	-	[ɛupa]	-	
	Pappa	[pa]	[apa]	-	
	piep	[pi]	-	[ip]	3 pos.
alveolêr					
[d]	da(ar)	[da]	-	*	
	dankie	[da]	-	*	
	doedoe	[du]	[udu]	*	
	Teddie	-	[ɛdi]	*	2 pos.
[t]	Attie	-	[ati]	-	
	bad	-	-	[at]	
	Boet	-	-	[ut]	
	kat	-	-	[at]	
	<u>Tannie</u>	[ta]	-	-	
	tata	[ta]	[ata]	-	
	Teddie	[tɛ]	-	-	3 pos.
palataal					
[ç]	dankie	-	[ŋci]	-	
	Jakkie	-	[aci]	-	
	koekie	-	[uci]	-	1 pos.
	melk hê	-	[ici]	-	<u>sandhi</u>
velêr					
[k]	ek	[ɛk]	-	-	
	<u>gogga</u>	[kɔ]	[ɔka]	-	
	ka(r)	[ka]	-	-	

Bylaag vervolg

	kat	[ka]	-	-	
	klaa(r)	[kl]	-	-	
	koekie	[ku]	-	-	
	me(l)k	-	[mɛk]	-	2 pos.
NASALE					
bilabiaal					
[m]	kom	-	-	[ɔm]	
	Mamma	[ma]	[mam]	-	
	melk	[mɛ]	-	-	3 pos.
alveolêr					
[n]	eina	-	[ðina]	-	1 pos.
velêr					
[ŋ]	dankie	-	[aŋc]	-	1 pos.
FRIKATIEWE					
labiodentaal					
[f]	af	-	-	[af]	
	afva(l)	-	[afa]	-	<u>sandhi</u>
	va(l)	[fa]	-	-	
	vis	[fθ]	-	-	
	v(l)eis	[fθi]	-	-	
	woefie	-	[ufi]	-	3 pos.
[v]	woefie	[vu]	-	-	1 pos.
alveolêr					
[s]	vis	-	-	[ðs]	
	vleis	-	-	[ðis]	1 pos.
velêr					
[x]	aag	-	-	[a:x]	1 pos.
HALFVOKALE					
[h]	hallo	[ha]	-	*	1 pos.
[j]	ja	[ja]	-	*	
	Jakkie	[ja]	-	*	1 pos.
LIKWIEDES					
alveolêr					
[l]	bal	-	-	[al]	
	hallo	-	[alɥu]	-	
	klaa(r)	-	[kla:]	-	
	Tannie	-	[ali]	-	2 pos.

2.4 NORMALE KLANKVESTIGING BINNE MORFEMIESE POSISIES NET VOOR DIE JARGONAGTIGE SPRAAKVLAK

A2 (Jan Lodewyk) - 60 WOORDE

WOORDESKAT

Aan "an"; af; appel "ap en appal"; Arno "Anon";
 Baba; bad "bap"; Boetie "Toetoe"; bok "bob"; bottel "ghôghô"; Bybel;
 daar "a"; dag; dankie; dors "dos";
 eet "ham"; eier "ei"; eina; ek;
 haas; hallo "hejou"; hap; hoender of voël (hanekraai); huil "hyl"; huis
 "hys";
 Jana "Nana"; jas; kaas;
 kar-ry "him"; kerk "kêk"; klaar "kla"; koek; kom; kos "pap"; kyk;
 lepel "lal";
 Mamma; medisyne "nyne"; myne "nyne";

Bylaag vervolg

nat;
 Oom "Om"; op; Ouma; Oupa;
 Pappa; perdjie-ry "hop, Pa"; poef;
 sies "ties"; staan "taan"; stoel "toel"; Sussie "Tittie"; tas; tata;
 vleis "jeis"; voël (hanekraai); vurk "kuk";
 ys.

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

Morfemiese posisie : aanvang middel einde

klank woord artikulasie

MONOFTONGE

[a]	aan	[a:n]	-	-	
	af	[af]	-	-	
	appel	[ap]	[pal]	-	
	A(r)no	[an]	-	-	
	Baba	-	[bab]	[ba]	
	bad	-	[bap]	-	
	(d)a(ar)	[a]	-	-	<u>sandhi</u>
	dag	-	[dax]	-	
	dankie	-	[daŋ]	-	
	+eet	-	[ham]	-	
	eina	-	-	[na]	
	haas	-	[ha:s]	-	
	hap	-	[hap]	-	
	hoender	[a?a:]	-	-	<u>glottisslag</u>
	Jana	-	[na:n]	[na]	
	jas	-	[jas]	-	
	kaas	-	[ka:s]	-	
	kla(ar)	-	-	[la:]	
	lepel	-	[lal]	-	
	Mamma	-	[mam]	[ma]	
	nat	-	[nat]	-	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	kos	-	[pap]	-	
	Pappa	-	[pap]	[pa]	
	perdjie-ry	-	-	[pa]	
	(s)taan	-	[ta:n]	-	
	tas	-	[ta]	-	
	tata	-	[tat]	[ta]	
	voël	[a?a:]	-	-	3 pos.
[ə]	Bybel	-	[bəɪ]	-	
	hallo	-	[həɪ]	-	
	kar-ry	-	[həɪ]	-	
	medisyne	-	-	[nəɪ]	
	myne	-	-	[nəɪ]	
	Sussie	-	[təɪ]	-	2 pos.
[i]	dankie	-	-	[ci]	
	sies	-	[tis]	-	2 pos.
	-Sussie	-	-	[ti]	
[u]	Boetie	-	[tut]	[tu]	
	koek	-	[kuk]	-	
	poef	-	[puf]	-	
	(s)toel	-	[tul]	-	2 pos.

Bylaag vervolg

[ɔ]	Arnon	-	[non]	-	
	bok	-	[bɔb]	-	
	+bottel	-	[gɔg]	[gɔ]	
	do(r)s	-	[dɔs]	-	
	kom	-	[ɔm]	-	
	o(o)m	[ɔm]	-	-	
	op	[ɔp]	-	-	
	+perdjie-ry	-	[hɔp]	-	3 pos.
[ɛ]	ek	[ɛk]	-	-	
	ke(r)k	-	[kɛ:k]	-	2 pos.
[ɶ]	yu(r)k	-	[kɶ:k]	-	1 pos.
DIFTONGE					
[ɶu]	hallo	-	-	[jɶu]	
	Ouma	[ɶum]	-	-	
	Oupa	[ɶup]	-	-	2 pos.
[ɔi]	Bybel	-	[bɔib]	-	
	ei(er)	[ɔi]	-	-	
	eina	[ɔin]	-	-	
	-huil	-	[hɔil]	-	
	-huis	-	[hɔis]	-	
	kyk	-	[kɔik]	-	
	medisyne	-	[nɔin]	-	
	myne	-	[nɔin]	-	
	vleis	-	[jɔis]	-	
	ys	[ɔis]	-	-	2 pos.
SLUITKLANKE					
bilabiaal					
[b]	Baba	[ba]	[aba]	*	
	bad	[ba]	-	*	
	bok	[bɔ]	-	[ɔb]*	
	Bybel	[bɔi]	[ɔibɔ]	*	2 pos.
[p]	appel	-	[apa]	-	
	bad	-	-	[ap]	
	hap	-	-	[ap]	
	kos	[pa]	-	[ap]	
	op	-	-	[ɔp]	
	Oupa	-	[ɶupa]	-	
	Pappa	[pa]	[apa]	-	
	perdjie-ry	-	[ɔpa]	-	
	poef	[puf]	-	-	3 pos.
alveolêr					
[d]	dag	[da]	-	*	
	dankie	[da]	-	*	
	do(r)s	[dɔ:]	-	*	2 pos.
[t]	Boetie	[tu]	[utu]	-	
	nat	-	-	[at]	
	sies	[ti]	-	-	
	(s)taan	[ta:]	-	-	
	(s)toel	[tu]	-	-	
	Sussie	[tɔ]	[ɔti]	-	
	tas	[ta]	-	-	
	tata	[ta]	[ata]	-	3 pos.

Bylaag vervolg

palataal					
[c]	dankie	-	[ŋci]	-	1 pos.
velêr					
[k]	ek	-	-	[ek]	
	kaas	[ka:]	-	-	
	ke(r)k	[kɛ:]	-	[ɛ:k]	
	kla(ar)	[kla:]	-	-	
	koek	[ku]	-	[uk]	
	kom	[kɔ]	-	-	
	kyk	[kɔi]	-	[ɔik]	
	yurk	[kɛk]	-	[ɛk]	2 pos.
[g]	<u>bottel</u>	[gɔ]	[ɔgɔ]	*	2 pos.
NASALE					
bilabiaal					
[m]	eet	-	-	[am]	
	kar-ry	-	-	[ɔm]	
	kom	-	-	[ɔm]	
	Mamma	[ma]	[ama]	-	
	O(o)m	-	-	[ɔm]	
	Ouma	-	[ɔuma]	-	3 pos.
alveolêr					
[n]	aan	-	-	[a:n]	
	A(r)non	-	[anɔ]	[ɔn]	
	eina	-	[ɔina]	-	
	Jana	[na:]	[a:na]	-	
	medisyne	[nɔi]	[ɔinɔ]	-	
	myne	[nɔi]	[ɔinɔ]	-	
	nat	[na]	-	-	
	(s)taan	-	-	[a:n]	3 pos.
velêr					
[ŋ]	dankie	-	[aŋc]	-	1 pos.
FRIKATIEWE					
labiodentaal					
[f]	af	-	-	[af]	
	poef	-	-	[puf]	1 pos.
alveolêr					
[s]	do(r)s	-	-	[ɔs]	
	haas	-	-	[a:s]	
	-huis	-	-	[ɔis]	
	jas	-	-	[as]	
	kaas	-	-	[a:s]	
	sies	-	-	[is]	
	tas	-	-	[as]	
	yleis	-	-	[ɔis]	
	ys	-	-	[ɔis]	1 pos.
[x]	dag	-	-	[ax]	1 pos.
HALFVOKALE					
[h]	+eet	[ha]	-	*	
	haas	[ha:]	-	*	
	hallo	[hɔ]	-	*	
	hap	[ha]	-	*	
	+hoppa	[hɔ]	-	*	
	huil	[hɔi]	-	*	

Bylaag vervolg

	-huis	[hɔi]	-	*	1 pos.
	+kar-ry	[hɔ]	-	*	
[j]	hallo	-	[ɔjɪu]	*	
	jas	[ja]	-	*	
	vleis	[jɔi]	-	*	2 pos.

LIKWIEDES

[l]	appel	-	-	[al]	
	Bybel	-	-	[ɔl]	
	huil	-	-	[ɔil]	
	kla(ar)	-	[kla:]	-	
	lepel	[la]	-	[al]	
	(s)toel	-	-	[ul]	3 pos.

2.5 HERKENBARE MORFEME BINNE DOWNSINDROOM JARGONAGTIGE SPRAAK - 60 WOORDE

B5

WOORDESKAT

Af; aag; appel; Attie;
 Baba; bad; bal; Boet; bye;
 daar "da"; dankie; doedoe;
 eina; ek; ekskuus "askies"; Elise "Ielie";
 fiets "fies";
 gogga "kokka";
 hallo; Heidi; hier "hie";
 ja; Jakkie; jas; kaas;
 kar "ka"; kat "tat" en "kat"; klaar "kla"; koekie; kom "om"; kyk;
 Magda "Tata" Mamma; melk hê "mêkie"; Mietjie "Tietie"; mus "us";
 Oom "Om"; Ouma; Oupa;
 Pappa; pasop "piep"; Paul "Pou-Pou"; perd "pêt"; praat "paat"; sjuut
 "sjie"; stoel "toel";
 Tannie "Tallie"; tata; Teddie; Tiekie; toe;
 val "va"; vis; vleis;
 woefie.

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIES

MORFEMIESE POSISIES : aanvang middel einde
 klank woord artikulasie

MONOFTONGE

[a]	aag	[a:x]	-	-
	af	[af]	-	-
	appel	[ap]	-	-
	Attie	[at]	-	-
	Baba	-	[bab]	[ba]
	bad	-	[bat]	-
	bal	-	[bal]	-
	da(ar)	-	-	[da]
	dankie	-	-	[da]
	eina	-	-	[na]
	+ <u>e</u> (k)skuus	[as]	-	-
	gogga	-	-	[ka]
	hallo	-	[hal]	-
	ja	-	-	[ja]
	Jakkie	-	[jak]	-

Bylaag vervolg

	jas	-	[jas]	-	
	kaas	-	[ka:s]	-	
	ka(r)	-	-	[ka]	
	kat	-	[kat]	-	
	kla(ar)	-	-	[kla]	
	Magda	-	[tat]	[ta]	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	p(r)aat	-	[pa:t]	-	
	Tannie	-	[tal]	-	
	tata	-	[tat]	[ta]	
	va(l)	-	-	[fal]	3 pos.
[i]	Attie	-	-	[ti]	
	dankie	-	-	[ci]	
	Eli(se)	[il]	-	[li]	
	+e(k)s <u>kuus</u>	-	[kis]	-	
	fie(t)s	-	[fis]	-	
	Heidi	-	-	[di]	
	hie(r)	-	-	[hi:]	
	Jakkie	-	-	[ci]	
	koekie	-	-	[ci]	
	me(l)k hê	-	-	[ci]	<u>sandhi</u>
	Mietjie	-	[tit]	[ti]	
	pasop	-	[pip]	-	
	-s <u>juu</u> (t)	-	-	[fi]	
	Tannie	-	-	[li]	
	Teddie	-	-	[di]	
	Tiekie	-	[tic]	[ci]	
	woefie	-	-	[fi]	3 pos.
[u]	Boet	-	[but]	-	
	doedoe	-	[dud]	[du]	
	koekie	-	[kuk]	-	
	(s)toel	-	-	[tu]	
	toe	-	-	[tu]	
	woefie	-	[vuf]	-	2 pos.
[ɔ]	<u>gogga</u>	-	[kɔk]	-	
	(k)om	[ɔm]	-	-	
	O(o)m	[ɔm]	-	-	2 pos.
[ə]	appel	-	[pəl]	-	
	vis	-	[fəs]	-	1 pos.
[ɛ]	ek	[ɛk]	-	-	
	me(l)k hê	-	[mɛ:cl]	-	<u>sandhi</u>
	pe(r)d	-	[pɛ:t]	-	
	Teddie	-	[tɛd]	-	2 pos.
[ʌ]	(m)us	[ʌs]	-	-	1 pos.
DIFTONGE					
[ɛu]	hallo	-	-	[lɛu]	
	Ouma	[ɛum]	-	-	
	Oupa	[ɛup]	-	-	
	Paul	-	[pɛup]	[pɛu]	3 pos.
[əi]	eina	[əin]	-	-	
	kyk	-	[kəik]	-	

Bylaag vervolg

	v(1)eis	-	[fðis]	-	2 pos.
[aj]	bye	-	-	[baj]	
	Heidi	-	[hajd]	-	2 pos.
SLUITKLANKE					
bilabiaal					
b]	Baba	[ba]	[aba]	*	
	bad	[ba]	-	*	
	bal	[ba]	-	*	
	Boet	[bu]	-	*	
	bye	[baj]	-	*	2 pos.
[p]	pasop	[pi]	-	[ip]	
	appel	-	[apð]	-	
	Oupa	-	[upa]	-	
	Pappa	[pa]	[apa]	-	
	Paul	[pau]	[upa]	-	
	pe(r)d	[pɛ:]	-	-	
	p(r)aat	[pa:]	-	-	3 pos.
alveolêr					
[d]	da(ar)	[da]	-	*	
	dankie	[da]	-	*	
	doedoe	[du]	[dud]	*	
	Heidi	-	[ajdi]	*	
	Teddie	-	[ɛdi]	*	2 pos.
[t]	Attie	-	[ati]	-	
	bad	-	-	[at]	
	Boet	-	-	[ut]	
	kat	-	-	[at]	
	Mietjie	[ti]	[iti]	-	
	pe(r)d	-	-	[ɛ:t]	
	p(r)aat	-	-	[a:t]	
	(s)toel	[tu]	-	-	
	Tannie	[ta]	-	-	
	Magda	[ta]	[ata]	-	
	Teddie	[tɛ]	-	-	
	Tiekie	[ti]	-	-	
	toe	[tu]	-	-	3 pos.
palataal					
[c]	dankie	-	[ŋci]	-	
	+ <u>e(k)suus</u>	-	[sci]	-	
	Jakkie	-	[aci]	-	
	koekie	-	[uci]	-	
	melk <u>hê</u>	-	[ɛci]	-	<u>sandhi</u>
	Tiekie	-	[ici]	-	1 pos.
velêr					
[k]	ek	[ɛk]	-	-	
	gogga	[kə]	[əka]	-	
	kaas	[ka:]	-	-	
	ka(r)	[ka]	-	-	
	kat	[ka]	-	-	
	klaa(r)	[kl]	-	-	
	koekie	[ku]	-	-	
	kyk	[kði]	-	[ðik]	
	melk	-	-	[ɛ:k]	3 pos.

Bylaag vervolg

NASALE

bilabiaal

[m]	kom	-	-	[ɔm]	
	Mamma	[ma]	[mam]	-	
	melk	[mɛ]	-	-	
	Oom	[ɔm]	-	-	
	Ouma	-	[ɔuma]	-	3 pos.

alveolêr

[n]	eina	-	[ðina]	-	1 pos.
-----	------	---	--------	---	--------

velêr

[ŋ]	dankie	-	[aŋc]	-	1 pos.
-----	--------	---	-------	---	--------

FRIKATIEWE

labiodentaal

[f]	af	-	-	[af]	
	afval	-	[afa]	-	<u>sandhi</u>
	fie(t)s	[fi]	-	-	
	va(l)	[fa]	-	-	
	vis	[fθ]	-	-	
	woefie	-	[ufi]	-	
	v(l)eis	[fθi]	-	-	3 pos.
[v]	woefie	[vu]	-	-	1 pos.

alveolêr

[s]	+ <u>e</u> (k)skuus	-	[asc]	[is]	
	fie(t)s	-	-	[is]	
	jas	-	-	[as]	
	kaas	-	-	[a:s]	
	(m)us	-	-	[ɜs]	
	vis	-	-	[θs]	
	vleis	-	-	[θis]	1 pos.
[ʃ]	sjuu(t)	[ʃi]	-	-	1 pos.

velêr

[x]	aag	-	-	[a:x]	1 pos.
-----	-----	---	---	-------	--------

HALFVOKALE

[h]	hallo	[ha]	-	*	
	Heidi	[haj]	-	*	
	hie(r)	[hi:]	-	*	1 pos.
[j]	ja	[ja]	-	*	
	Jakkie	[ja]	-	*	
	jas	[ja]	-	*	1 pos.

LIKWIEDES

alveolêr

[l]	appel	-	-	[θl]	
	bal	-	-	[al]	
	Eli(se)	-	[ili]	-	
	hallo	-	[alɜu]	-	
	klaa(r)	-	[kla:]	-	
	(s)toel	-	-	[ul]	
	Tannie	-	[ali]	-	2 pos.

2.6 HERKENBARE MORFEME BINNE DOWNSINDROOM JARGONAGTIGE SPRAAK - 120 WOORDE

B5

WOORDESKAT

Aag; Abrie "Abie"; af; afkeur "jig"; ai!; amen; appe "appe" en "appel"; asseblief "bief", "blief" en "asseblief"; Attie;
 Baba; bad; bal; beer "bêr"; bid (met 'n sagte t); bier (sagte r); blaf "woewoef"; bloei; blom "bom"; boek; Boet; broek "boek"; brood "boot"; bus; bye; byt;
 Coco;
 daar "da" en "daar" (met 'n sagte r); dankie; De Villiers "dewijis"; doedoe; drie "die";
 eina; ek; ekskuus "askies"; Elise "Ielie";
 fiets "fies";
 gebreek "i-bee"; geweer "gun"; gogga "kokka";
 hallo; hand "han"; hê; Heidi; hier "hie"; hoes; hond "hos"; hou: huis "y" en "jes";
 is "i";
 ja; Jakkie; jas; Johan "Han";
 kaal "ka"; kaas; Kandas "Kedas"; kar "ka" en "kar (r= sag)"; Karlien "Kajie"; kat "ka", "tat" en "kat"; ken; kielielie; klaar "kla"; koejawil "koejaje"; koekie; kom "ko" en "om"; kop; kopstamp "kapieng"; kos; kuier "koekie"; kyk;
 Leon "Hion"; lief;
 maag; Magda "Tata" en "Magda"; Mamma; melk hê "melkie"; miaau "piaau"; Mietjie "Tietie"; mooi; mors; mus "us"; myne;
 nee "n"; 'n "ê"
 oog; Oom "Om" en "Oom"; oor; op; Ouma; Oupa;
 Pappa; pasop "piep"; Paul "Pou-Pou"; perd; perdjie "pêkie"; Petite "pittié"; plaat "paat"; praat "paat"; roer (hoeh met r nader aan h); rug "jurg"; seer; sit "si"; sjuut "sjie"; skoen "skoe"; sous; speel "play"; Stellenbosch "Bosch"; stoel "stoe" en "toel"; swem "whie";
 Tannie "Tallie"; tas "ta"; tata; Teddie; Tiekie; toe; twee "tie" en "twie"; val "va"; vis; vleis;
 waar "waa"; wang; wha! wil "i"; woefie;

SINTAKTIES : Af val; melk hê; Jaaa Mamma! Ag, toe!!! Nee, dankie. Is toe "hitoe". Huis toe "ytoe". Hier, Mamma "hie, Mamma". 'n Kat "ê kat". Waar, Mama? "Wa, Mama?"

Kyk hier "Kyk hie". Mamma, ek klaar "Mamma, ek kla". Ek wil speel /swem /doedoe "ek i play/ whie/ doedoe"; Ek sit kaal "Ek si'kaa". Ma, kyk hier "Ma, kykie".

GEVESTIGDE KLANKE BINNE MORFEMIESE POSISIËS

MORFEMIESE POSISIËS : aanvang middel einde
 klank woord artikulasie

MONOFTONGE

[a]	aag	[a:x]	-	-
	Ab(r)ie	[ab]	-	-
	af	[af]	-	-
	amen	[a:m]	-	-
	appel	[ap]	-	-

Bylaag vervolg

	asseblief	[as]	-	-	
	Attie	[at]	-	-	
	Baba	-	[bab]	[ba]	
	bad	-	[bat]	-	
	bal	-	-	[ba]	
	daar	-	-	[da:]	
	dankie	-	[daŋ]	-	
	eina	-	-	[na]	
	+ <u>e(k)s<u>kuus</u></u>	[as]	-	-	
	<u>gogga</u>	-	-	[ka]	
	+ <u>gun</u>	-	[gan]	-	
	hallo	-	[hal]	-	
	han(d)	-	[han]	-	
	ja	-	-	[ja:]	
	Jakkie	-	[jak]	-	
	jas	-	[jas]	-	
	(Jo)han	-	[han]	-	
	kaa(l)	-	-	[ka:]	
	kaas	-	[ka:s]	-	
	Ka(n)das	-	[das]	-	
	kar	-	[kar]	-	
	Karlie(n)	-	[kaj]	-	
	kat	-	[kat]	-	
	klaa(r)	-	-	[kla:]	
	koejawil	-	[jaɪ]	-	
	kopstamp	-	[kap]	-	
	maag	-	[ma:x]	-	
	Magda	-	[max]	[da]	
	Mamma	-	[mam]	[ma]	
	Ouma	-	-	[ma]	
	Oupa	-	-	[pa]	
	Pappa	-	[pap]	[pa]	
	p(l)aat	-	[pa:t]	-	
	p(r)aat	-	[pa:t]	-	
	Roena	-	-	[na]	
	Tannie	-	[tal]	-	
	tata	-	[tat]	[ta]	
	val	-	[fal]	-	
	waa(r)	-	-	[va:]	
	wang	-	[vaŋ]	-	
	wha!	-	-	[wa]	3 pos.
[i]	Ab(r)ie	-	-	[bi]	
	asseblief	-	[lif]	-	
	Attie	-	-	[ti]	
	bier	-	[bi:h]	-	
	dankie	-	-	[ci]	
	d(r)ie	-	-	[di]	
	<u>e(k)s<u>kuus</u></u>	-	[cis]	-	
	Eli(se)	[il]	-	[li]	
	fie(t)s	-	[fis]	-	
	Heidi	-	-	[di]	
	hier	-	[hih]	-	
	Jakkie	-	-	[ci]	
	Ka(r) <u>lien</u>	-	-	[ji]	

Bylaag vervolg

	kielie	-	[cil]	[li]	
	koekie	-	-	[ci]	
	kopstamp	-	[piŋ]	-	
	Leon	-	[hiɔ]	-	
	lief	-	[lif]	-	
	melk hê	-	[ɛci]	-	
	Mietjie	-	[tit]	[ti]	
	Mietjie	-	[mic]	[ci]	
	perdjie	-	-	[ci]	
	Peti(te)	-	-	[ti]	
	pasop	-	[pip]	-	
	+swem	-	-	[wi]	
	Tannie	-	-	[li]	
	Teddie	-	-	[di]	
	Tiekie	-	[ti]	[ci]	
	tee	-	-	[twi]	
	woefie	-	-	[fi]	3 pos.
[u]	boek	-	[buk]	-	
	Boet	-	[but]	-	
	b(r)oek	-	[buk]	-	
	doedoe	-	[dud]	[du]	
	hoes	-	[hus]	-	
	koejawil	-	[kuj]	-	
	koekie	-	[kuk]	-	
	+Roena	-	[hun]	-	
	+roer	-	[hu:h]	-	
	(s)toel	-	-	[tu]	
	toe	-	-	[tu]	
	woefie	-	-	[vu]	2 pos.
[ɔ]	blom	-	[lɔm]	-	
	Bosch	-	[bɔʃ]	-	
	gogga	-	[kɔk]	-	
	hond	-	[hɔs]	-	
	(k)om	[ɔm]	-	-	
	ko(m)	-	-	[kɔ]	
	kos	-	[kɔs]	-	
	Leon	-	[iɔn]	-	
	mo(r)s	-	[mɔs]	-	
	O(o)m	[ɔm]	-	-	
	op	[ɔp]	-	-	3 pos.
[ə]	-amen	-	[mən]	-	
	appel	-	[pəl]	-	
	asseblief	-	[səb]	-	
	bid	-	[bət]	-	
	de	-	-	[də]	
	(g)eb(r)EEK	[əb]	-	-	
	-huis	-	[jəs]	-	
	i(s)	[ə]	-	-	
	jig	-	[jəx]	-	
	Kandas	-	[kəd]	-	
	+koejawil	-	-	[jə]	
	myne	-	-	[nə]	
	Peti(te)	-	[pət]	-	
	si(t)	-	-	[sə]	

Bylaag vervolg

	-sjuu(t)	-	-	[ʃi]
	Villie(r)s	-	[vij]	[jðs]
	vis	-	[fðs]	-
	(w)i(1)	[ð]	-	3 pos.
[ɛ]	beer	-	[bɛ:r]	-
	ek	[ɛk]	-	-
	hê	-	-	[hɛ]
	ken	-	[kɛn]	-
	me(1)k hê	-	[mɛk]	-
	melk	-	[mɛl]	-
	Teddie	-	[tɛd]	-
	pe(r)d	-	[pɛt]	-
	perdjie	-	[pɛ:c]	3 pos.
[o]	b(r)ood	-	[boot]	-
	Oom	[om]	-	-
	oor	[o:r]	-	2 pos.
[ʊ]	bus	-	[bʊs]	-
	(m)us	[ʊs]	-	-
	+rug	-	[jʊ:r]	2 pos.
[e]	(g)eb(r)eeke	-	[bek]	1 pos.
DIFTONGE				
[ɛu]	Coco	-	[kɛuk]	[kɛu]
	hallo	-	-	[lɛu]
	hou	-	-	[hɛu]
	ouma	[ɛum]	-	-
	oupa	[ɛup]	-	-
	Pau(1)	-	[pɛup]	[pɛu]
	sous	-	[sɛus]	3 pos.
[ði]	byt	-	[bðit]	-
	eina	[ðin]	-	-
	(h)ui(s)	[ði]	-	-
	kyk	-	[kðik]	-
	myne	-	[mðin]	-
	+speel	-	-	[plði]
	vleis	-	[lðis]	3 pos.
[aj]	ai	[aj]	-	-
	bye	-	-	[baj]
	Heidi	-	[hajd]	3 pos.
[oj]	mooi	-	-	[moj] 1 pos.
[uj]	bloei	-	-	[luj] 1 pos.
SLUITKLANKE				
bilabiaal				
[b]	Ab(r)ie	-	[abi]	*
	asseblief	[bl]	-	*
	Baba	[ba]	[aba]	*
	bad	[ba]	-	*
	bal	[ba]	-	*
	beer	[bɛ:]	-	*
	bid	[bð]	-	*
	bier	[bi:]	-	*
	bloei	[bl]	-	*
	blom	[bl]	-	*
	boek	[bu]	-	*
	Boet	[bu]	-	*

Bylaag vervolg

	Bosch	[bɔ]	-	*	
	b(r)oek	[bu]	-	*	
	b(r)ood	[bo]	-	*	
	bus	[bʊ]	-	*	
	bye	[baɪ]	-	*	
	byt	[bɔi]	-	*	
	(g)eb(r)EEK	-	[ɔbe]	*	2 pos.
[p]	appel	-	[apɔ]	-	
	kopstamp	-	[api]	-	
	op	-	-	[ɔp]	
	Oupa	-	[ɔupa]	-	
	Pa	[pa]	-	-	
	Pappa	[pa]	[apa]	-	
	pe(r)d	-	[pɛ:t]	-	
	perdjie	[pɛ]	-	-	
	Peti(te)	[pɔ]	-	-	
	pasop	[pi]	-	[ip]	
	Paul	[pɔu]	[ɔupaɪ]	-	
	p(l)aat	[pa:]	-	-	
	p(r)aat	[pa:]	-	-	
	+speel	[pl]	-	-	3 pos.
alveolêr					
[d]	da(ar)	[da:]	-	*	
	dankie	[da]	-	*	
	de	[dɔ]	-	*	
	doedoe	[du]	[udu]	*	
	d(r)ie	[di]	-	*	
	Heidi	[di]	-	*	
	Ka(n)das	-	[ɔda]	*	
	ken	-	[kɛn]	*	
	Magda	-	[xda]	*	
	Teddie	-	[ɛdi]	*	2 pos.
[t]	Attie	-	[ati]	-	
	bad	-	-	[bat]	
	bid	-	-	[bɔt]	
	Boet	-	-	[ut]	
	b(r)ood	-	-	[ot]	
	byt	-	-	[ɔit]	
	kat	-	-	[at]	
	Magda	[ta]	[ata]	-	
	Mietjie	[ti]	[iti]	-	
	pe(r)d	-	-	[ɛ:t]	
	p(l)aat	-	-	[a:t]	
	p(r)aat	-	-	[a:t]	
	Peti(te)	-	[ɔti]	-	
	(s)toel	[tu]	-	-	
	Tannie	[ta]	-	-	
	tata	[ta]	[ata]	-	
	Teddie	[tɛ]	-	-	
	Tiekie	[ti]	-	-	
	toe	[tu]	-	-	
	twee	[tw]	-	-	3 pos.
palataal					
[c]	e(k)s <u>kuus</u>	-	[sci:]	-	

Bylaag vervolg

	dankie	-	[ŋci]	-
	Jakkie	-	[aci]	-
	kielie	[ci]	-	-
	koekie	-	[uci]	-
	me(l)kie	-	[lci]	-
	Mietjie	-	[ici]	-
	pe(r)djie	-	[ɛ:ci]	-
	Tiekie	-	[ici]	- 2 pos.
velêr				
[k]	boek	-	-	[uk]
	b(r)oek	-	-	[uk]
	Coco	[kɔu]	[ɔukɔu]	-
	ek	-	-	[ɛk]
	(g)eb(r)eek	-	-	[ek]
	gogga	[ko]	[ɔka]	-
	kaa(l)	[ka:]	-	-
	kaas	[ka:]	-	-
	-Ka(n)das	[kɔ]	-	-
	ka(r)	[ka]	-	-
	Ka(r)lie(n)	[ka]	-	-
	kat	[ka]	-	-
	ken	[kɛ]	-	-
	klaa(r)	[kl]	-	-
	koejawil	[ku]	-	-
	koekie	[ku]	-	-
	ko(m)	[kɔ]	-	-
	kopstamp	[ka]	-	-
	kos	[kɔ]	-	-
	kyk	[kɔi]	-	[ɔik]
	melk	-	-	[lk] 3 pos.
[g]	+gun	[ga]	-	- 1 pos.
NASALE				
bilabiaal				
[m]	amen	-	[a:mɔ]	-
	blom	-	-	[ɔm]
	(k)om	-	-	[ɔm]
	maag	[ma:]	-	-
	Magda	[ma]	-	-
	Mamma	[ma]	[mam]	-
	melk	[mɛ]	-	-
	Mietjie	[mi]	-	-
	mooi	[moj]	-	-
	mo(r)s	[mɔ]	-	-
	myne	[mɔi]	-	-
	Oom	-	-	[om]
	Ouma	-	[ɔuma]	- 3 pos.
alveolêr				
[n]	amen	-	-	[ɔn]
	eina	-	[ɔina]	-
	gun	-	-	[an]
	han(d)	-	-	[an]
	(Jo)han	-	-	[an]
	ken	-	-	[ɛn]
	Leon	-	-	[ɔn]

Bylaag vervolg

	myne	-	[ðinð]	-	
	<u>Roena</u>	-	[una]	-	2 pos.
velêr					
[ŋ]	dankie	*	[aŋc]	-	
	+kopstamp	*	-	[iŋ]	
	wang	*	-	[aŋ]	2 pos.
FRIKATIEWE					
labiodentaaal					
[f]	afval	-	[afa]	-	
	af	-	-	[af]	
	asseblief	-	-	[if]	
	fie(t)s	[fi]	-	-	
	lief	-	-	[if]	
	val	[fa]	-	-	
	vis	[fð]	-	-	
	vleis	[fl]	-	-	
	woefie	-	[ufi]	-	
	+blaf	-	-	[uf]	3 pos.
[v]	Villie(r)s	[vð]	-	*	
	waa(r)	[va:]	-	*	
	woefie	[vu]	-	*	
	+blaf	[vu]	[uvu]	*	2 pos.
alveolêr					
[s]	asseblief	-	[asð]	-	
	bus	-	-	[ɹs]	
	<u>e(k)skuus</u>	-	[asc]	[i:s]	
	fie(t)s	-	-	[is]	
	hoes	-	-	[us]	
	<u>hond</u>	-	-	[ɔs]	
	huis	-	-	[ðs]	
	jas	-	-	[as]	
	kaas	-	-	[a:s]	
	Ka(n)das	-	-	[as]	
	kos	-	-	[ɔs]	
	mo(r)s	-	-	[ɔs]	
	(m)us	-	-	[ɹs]	
	si(t)	[sð]	-	-	
	sous	[sɹu]	-	[ɹus]	
	Villie(r)s	-	-	[ðs]	
	vis	-	-	[ðs]	
	vleis	-	-	[ðis]	3 pos.
[ʃ]	Bosch	-	-	[ɔʃ]	
	- sjuu(t)	[ʃi]	-	-	2 pos.
velêr					
[x]	aag	-	-	[a:x]	
	jig	-	-	[ðx]	
	maag	-	-	[a:x]	
	Magda	-	[axd]	-	
	rug	-	-	[rg]	2 pos.
HALFVOKALE					
[j]	huis	[jð]	-	*	
	ja	[ja:]	-	*	
	Jakkie	[ja]	-	*	
	jas	[ja]	-	*	

Bylaag vervolg

	jig	[jθ]	-	*
	+huis	[jθ]	-	*
	Ka(r)lie(n)	-	[aji]	*
	koejawil	-	[uja]	*
	koejawil	-	[ajθ]	*
	+rug	[jə]	-	*
	Villie(r)s	-	[θjθ]	* 2 pos.
[h]	bier	-	-	[ih*]
	hallo	[ha]	-	*
	hand	[ha]	-	*
	Heidi	[haj]	-	*
	hie(r)	[hi]	-	[ih]*
	hoes	[hu]	-	*
	hond	[hɔ]	-	*
	hou	[həu]	-	*
	(Jo)han	[han]	-	*
	Leon	[hi]	-	*
	Roena	[hu]	-	*
	roer	[hu]	-	[uh]*
[w]	wha!!	[wa]	-	*
	swem	[wi]	-	*
	twee	-	[twi]	* 2 pos.
LIKWIEDES				
alveolêr				
[l]	appel	-	-	[θl]
	asseblief	-	[bli]	-
	bal	-	-	[al]
	bloei	[bl]	-	-
	blom	[bl]	-	-
	Elise	-	[ili]	-
	hallo	-	[alɹu]	-
	kielie	-	[ili]	-
	kla(ar)	-	[kl]	-
	lief	[lif]	-	-
	melk	-	[ɛlk]	-
	+speel	-	[plθi]	-
	Tannie	-	[ali]	-
	val	-	-	[al] 3 pos.
[r]	beer	-	-	[ɛ:r]
baie	bier	-	-	[i:r]
sag	daar	-	-	[a:r]
	klaar	-	-	[a:r]
	oor	-	-	[o:r]
	+rug	-	[ɛrx]	- 2 pos.

Bylaag vervolg

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Bylaag vervolg

BYLAAG 3

ANALISE VERGELYKENDE STUDIE

3.1 DIAGNOSTIESE FONETIESE ANALISE - 10 WOORDE

GROEP A

A1

- * 2 Klanke is volledig gevestig
- * Babataal : 3 woorde.
- * Vokale is in beide die middelposisies en eindposisies gevestig en diftonge in slegs die aanvangsposisie. Geen sluitklanke is in die eindposisies gevestig nie.

A2

- * 2 Klanke is volledig gevestig.
- * Babataal : 1 woord en 2 eie skeppings.
- * Vokale is in die middel en eindposisies gevestig en diftonge slegs in die aanvangsposisie. Geen sluitklanke is in die eindposisie gevestig nie.

A3

- * Een klank is volledig in alle posisies gevestig.
- * Babataal : 3 woorde
- * 2 Vokale /a/ en /i/ is in die middel en eindposisies gevestig en /ɤ/ slegs in die middel posisie. Diftonge is net in aanvangsposisies gevestig.

A4

- * 3 Klanke is volledig in alle posisies gevestig.
- * Babataal : 2 woorde
- * Slegs 1 diftong. 2 Vokale is ook in die aanvangsposisie gevestig en 2 konsonante ook in die eindposisies.

A5

- * 4 Klanke volledig gevestig in alle morfemiese posisies.
- * Babataal : 1 woord.
- * 1 diftong en bilabiale nasaal is volledig gevestig. Die stemlose alveolêre sluitklank /t/ is in beide die aanvangs- en eindposisies gevestig. Alle ander vokale is in die middelste en eindposisies gevestig en konsonante in die aanvangs- en middelposisies.

GROEP B

B1

- * 3 Klanke is volledig in alle morfemiese posisies gevestig.
- * Babataal : Geen.
- * Diftonge is gevestig in die aanvangsposisies. Alle ander vokale behalwe die /a/ is slegs in die middel en eindposisies gevestig. Geen konsonante is in die eindposisies gevestig nie.
- * Vokale is beter ontwikkel as die van ander persone. Die schwa wat gemaak word deur die middelste deel van die tong, is reeds ontwikkelend en /a/ is volledig ontwikkel. Tong is dus redelik ontwikkel en al teken van stadige ontwikkeling van lipbewegings is die min bilabiale klanke sowel as die woord "baba" wat terapeuties aangeleer moet word ten spyte van die feit dat die /a/ en ander bilabiale klanke alreeds goed ontwikkelend is. Konsonante is bevredigend gevestig.

B2

Bylaag vervolg

- * 2 Klanke is in alle morfemiese posisies gevestig.
- * Babataal : 1 woord.
- * "Mamma" en "ouma" moes terapeuties deur nabootsing aangeleer word. "Pappa" word op hierdie stadium nog net nageboots. "Baba" word ook nog aangeleer alhoewel die /b/ in "bal" en "bye" en ook die /a/ in albei posisies gevestig is. Die goedontwikkelde /i/ en diftonge toon dat daar geen hoëtoon doofheid is nie.

B3

- * 2 Klanke is volledig in alle posisies gevestig.
- * Babataal : Geen.
- * Daar is 'n algehele afwesigheid van bilabiale konsonante wat dui op erg gestremde lipbewegings. Die kleuter boots 'mamma' en 'baba' nog na onder leiding van die terapeut. Verdere tekens van gestremde lipbewegings word beklemtoon deur die enigste halfvokaal /w/ wat sonder lipbewegings gemaak kan word. Hierdie tekens dui ook op gebrekkige sluiting van die mondholte. In teenstelling met die gestremde bilabiale ontwikkeling is die verdere konsonantale ontwikkeling meer gevorderd. Die affrikaat /ʃ/ in plaas van die sibilant /s/ dui ook op 'n oop mond en uithangtong. Die graad van denasaliteit sal kan bevestig word volgens die graad van nasale afsluiting in die woord 'dankie'.
- * Diftong is ontwikkelend in die eindposisie in plaas van die aanvangsposisie in teenstelling met die res van die groep kinders se klankskat deur die woorde 'hy'en 'wou-wou'. 'Wou-wou' ontwikkel die diftong in eind- en middelposisie sowel as die halfvokaal /w/.

B4

- * 2 Klanke is volledig in alle posisies gevestig.
- * Babataal : 1 woord en 1 eie skepping.
- * Slegs /p/ van bilabiale sluitklanke is ontwikkelend deur die gevestigde woord 'opa'. Die woorde 'mamma' en 'baba' word nog slegs nageboots. Die algehele afwesigheid van nasale klanke dui op denasaliteit terwyl die skrale ontwikkeling van bilabiale klanke probleme met lipsluiting en gestremde lipbeweging aantoon. Dit kan ook die gevolg wees van 'n oopmond-en-uithangtong sowel as die hipotoniese toestand.

B5

- * Een van die 2 vokale en 2 konsonante is volledig in alle posisies gevestig.
- * Babataal : 1 woord.
- * 'n Besonder swak monoftongiese vokale ontwikkeling en algehele gebrek aan diftonge dui op beide algemene en hoëtoon gehoorgebrek. Konsonante is redelik goed ontwikkel.

3.2 MORFOLOGIESE ANALISE - 10 WOORDE

A1

Eiename : Mamma, Pappa, Baba, Ouma, Oupa. (5)
Selfstandige naamwoorde : tietie, kokko (gogga). (2)
Werkwoorde : doedoe (1)
Tussenwerpsels : eina, tata. (2)

A2

Eiename : Mamma, Pappa, Baba, Ouma, Oupa, Titie (sussie), Toetoe (boetie). (7)
Selfstandige naamwoorde : goggo (bottel). (1)
Tussenwerpsels : eina, tata. (2)

Bylaag vervolg

A3

Eiename : Mamma, Pappa, Baba, Ouma, Oupa (5)
Selfstandige naamwoorde : tietie, kokka (skoene), namnam (iets te ete of iets lekker). (3)
Tussenwerpsels : eina, tata. (2)

A4

Eiename : Mamma, Pappa, Baba. (3)
Selfstandige naamwoorde : tietie, nanna, gogga. (3)
Tussenwerpsels : ag, dankie, eina, oeps. (4)

A5

Eiename : Mamma, Pappa, Ouma, Baba. (4)
Selfstandige naamwoorde : ham (iets lekker) (1)
Werkwoorde : ta (gee), ky' (kyk). (2)
Voornaamwoorde : 'nyne' (myne). (1)
Bywoorde : yt (uit), da' (daar). (2)

B1

Eiename : Mamma, Pappa, Sussie, Anto(n) Oupa, Ouma, Tannie, Cindy. (8)
Selfstandige naamwoorde : kame(r). (1)
Voornaamwoord : julle. (1)

B2

Eiename : Arno, Baba, Mamma, Ouma, Sussie. (5)
Selfstandige naamwoorde : namnam (1)
Tussenwerpsels : bye, eina, dankie, tata. (4)

B3

Eiename : Dadda, Kittie, (nog net die eerste klank van Mamma kan uitgespreek word). (2)
Selfstandige naamwoorde : wou-wou (hond), kat. (2)
Werkwoorde : 's (is). (1)
Voornaamwoorde : hom, hy. (2)
Bywoorde daar. (1)
Tussenwerpsels : tata, dankie. (2)

B4

Eiename : Dadda, Oppa (oupa) (2)
Selfstandige naamwoorde : piep (voëltjie), woef (hond). (2)
Werkwoorde : dat (bad), 's (is). (2)
Voornaamwoorde : hy. (1)
Bywoorde kla (klaar), da (daar), duite (buite). (3)
Tussenwerpsels dankie (da). (1)

B5

Eiename : Baba, Jakkie, Mamma, Pappa. (4)
Selfstandige naamwoorde : ka (kat of kar). (1)
Werkwoorde : va (val). (1)
Bywoorde : af. (1)
Tussenwerpsels : tata , dankie. (2)

Bylaag vervolg

3.3 FONOLOGIESE ANALISE VAN PROSESSE VAN VEREENVOUDIGING - 10 WOORDE

A1

- i) Weglatings : Geen.
- ii) Vervangings: sluitklank /k/ i.p.v. frikatief /x/ en /a/ i.p.v. /ɔ/ in gogga.

A2

- i) Weglatings : /l/ van bottel wat 'goggo' uitgespreek word.
- ii) Ontklankings : Die geronde [ɹ] word ontstem tot [ɔ] in die woord 'sussie'.
- iii) Vervangings :
 - a) Die stemlose alveolêre frikatief [s] word vervang met die stemlose alveolêre sluitklank [t] in die woord 'sussie'.
 - b) Die [i] word vervang met [u] in die woord 'boetie' en
 - c) die [t] vervang die [b] in die aanvangsposisie.
 - d) In die woord 'goggo' word die [ɔ] vervang met [ɔ],
 - e) [b] bilabiale sluitklank word vervang met stemhebbende velêre frikatief [g] in die aanvangsposisie en
 - f) alveolêre sluitklank [t] met stemhebbende velêre sluitklank [g] in die middelposisie.

A3

- i) Weglatings : [s] van 'skoene'.
- ii) Vervanging :
 - a) Die alveolêre sluitklank [k] word gebruik in die plek van die alveolêre nasaal [n] in die woord 'skoene' en
 - b) die vokaal [a] vervang [ɔ] in dieselfde woord.

A4

- i) Weglatings : Geen

A5

- i) Weglatings: [r] van 'daar' en [k] in die finale posisie van die woord 'kyk'as sandhi-verskynsel in die frase "kyk daar" wat as "kyda"; uitgespreek word.
- ii) Vervanging : 'myne' uitgespreek as 'nyne' - [m] bilabiale nasaal vervang met alveolêre nasaal [n].

B1

- i) Weglatings : /n/ in finale posisie : 'Anton' en triller in die finale posisie in 'kamer'.

B2

- i) Weglatings : triller /r/ in die finale posisie van die woord 'daar'.

B3

- i) Weglatings : vokale in die woord 'mama'. Die triller /r/ in die eindposisie van die woorde : 'daar'.

B4

- i) Weglatings /r/ in die woorde 'daar' en 'klaar en 'nkie' van die woord 'dankie'.
- ii) Ontstemming: Geronde diftong in 'oupa' ontklank tot 'oppa'; 'n verdere teken van swak lipbewegings wat sluiting sal belemmer.
- iii) Vervangings : stemhebbende bilabiale sluitklank word vervang met die stemhebbende alveolêre sluitklank in die woord 'buite' uitgespreek as 'duite'.

B5

- i) Weglatings : Likwiedes in die woorde 'afva(l)' en 'ka(r)'.

Bylaag vervolg

INHOUDSOPGAWE - BYLAAG 4

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Bylaag vervolg

BYLAAG 4
ARTIKULATORIESE FOUTE AS GEVOLG VAN DIE TOEPASSING
VAN FONOLOGIESE PROSESSE VAN VEREENVOUDIGING

4.1 VERGELYKING VAN FONOLOGIESE PROSESSE VAN VEREENVOUDIGING - 10 WOORDE

Opnames	A1	A2	A3	A4	A5	gemiddeld
Weglatings	-	1	1	-	2	= 4 = 0.8
Vervangings	2	6	2	-	1	= 11 = 2.2
Ontstemmings	-	1	-	-	1	= 2 = 0.4
					TOTAAL	17 = 3.4
	B1	B2	B3	B4	B5	
Weglatings	2		2	1	2	2 = 9 = 1.8
Vervangings	-	-	-	-	2	= 2 = 0.4
Ontstemmings	-	-	-	-	1	= 1 = 0.2
Ontklankings	-	1	-	-	-	= 1 = 0.2
					TOTAAL	13 = 2.6

4.2 ARTIKULATORIESE FOUTE AS GEVOLG VAN DIE TOEPASSING VAN FONOLOGIESE
PROSESSE VAN VEREENVOUDIGING - 1 tot 130 WOORDE

Die vlak waarbinne die fonologiese reëls gebruik is, word aangedui deur die aantal woorde in die vlak voor die nommer van die spesifieke opname waarbinne dit gevind is.

Groepe	A	B
4.2.1 WEGLATINGS		
4.2.1.1 WEGLATING VAN TRILLER		
<u>/r/ in eindposisie</u>		
daar (10:A5; 20:A1,A3; 10:B2,B3; 20-100:B5)	3	3
klaar (10: B4; 20:A1, A2; A4:B1; 20-50:B5)	2	2
eier (40:A2)	1	-
lekker (30:A3; 10:B3)	1	1
beker (40:A3)	1	-
kamer (10-3:B1)	-	1
hier (20-4:B1; 40-9:B5)	-	2
waar (20-3:B1)	-	1
kar (10-7:B5)	-	1
TOTAAL	8	11*
<u>/r/ in middelste posisie</u>		
werk (40:A3)	1	-
vurk (60:A2)	1	-
brood, broodjie (20:A4, B1)	1	1
more (30:B1)	-	1
praat (20-5:B5)	-	1
drie (50:B5)	-	1
TOTAAL	3	4*
TOTALE WEGLATING VAN TRILLER	11	15**

Bylaag vervolg

4.2.1.2 WEGLATING VAN LATERAAL

/l/ in middelste posisie

blom (20:B1)	-	1
plaat (90:B5)	-	1
klaar (20:A1,A2;10:B4;10-40:B1)	2	2
bly (30:A3)	1	-
TOTAAL	3	4*

/l/ in eindposisie

Paul (30-9:B5)	-	1
kaal (90:B5)	-	1
val (10-50:B5)	-	1
TOTALE WEGLATING VAN LATERAAL	3	7*

4.2.1.3 WEGLATING VAN NASALE KLANKE

/m/ in eindposisie

kom (20:A1, A3; 40:B1)	2	1
hom (10:B3)	-	1

/m/ in aanvangsposisie

melkie (60:B5)	-	1
mus (70:B5)	-	1

/m/ in alle posisies

(10:B3)	-	1
---------	---	---

/n/ in eindposisie

Anton (10:B1)	-	1
in (10:B1)	-	1
skoen (90:B5)	-	1

/n/ in middelste posisie

dankie (10:B4; 40:B5)	-	2
TOTALE WEGLATING VAN NASALE KLANKE	2	10**

4.2.1.4 WEGLATING VAN FRIKATIEWE

/s/ in aanvangsposisie

stoel (70:B5)	-	1
stoot (30:A3)	1	-
stout (40:A3)	1	-
staan (60:A2)	1	-
TOTALE WEGLATING VAN FRIKATIEWE	3	1**

4.2.1.5 WEGLATING VAN SLUITKLANKE

/d/ as sandhi-verskynsel

kyk daar (20:A2;:A3)	2	-
----------------------	---	---

.k. in eindposisie

kyk (10:A5; 20:A1,A2,B3)	3	1
TOTALE WEGLATING VAN SLUITKLANK	3	1**

4.2.1.6 HELE LETTERGREPE

(ekskuus (40:A3)	1	-
ap(pel) (40:A2)	1	-
da(nkie) (20:A4; 10:B4)	1	1
TOTALE WEGLATING VAN LETTERGREPE	3	1**

Bylaag vervolg

4.2.2 VERVANGING MET 'N ANDER SOORT KLANK

FRIKATIEF VERVANG MET SLUITKLANK

<u>/s/ met /t/</u>		
sies "ties" (30:A2)		
sussie "titie" (10:A2)		
slaap "tshlaap" (20:B1)	2	1
<u>/v/ met /k/</u>		
vurk "kuk" (60:A2)	1	-
<u>/x/ met /k/</u>		
gogga "kokka" (10:A1; 20:B5)	1	1

NASAAL MET SLUITKLANK

<u>/m/ met /r/</u>		
miaau "piaau" (70:B5)	-	1

NASAAL VERVANG MET LIKWIEDE

<u>/n/ met /l/</u>		
tannie "tallie" (20:B5)	-	1

KLUSTER VERVANG MET LIKWIEDE

<u>/sk/ met /l/</u>		
yskas "yla" (70:B5)	-	1

LIKWIEDE MET HALFVOKAAL

<u>/r/ met /h/</u>		
roer "hoer" (50:B5)	-	1

SWAK GESNEDE VOKAAL MET SKERP GESNEDE VOKAAL

<u>/e/ met /i/</u>		
twee "tie" (50:B5)	-	1
<u>/e/ met /a/</u>		
lepel "lal" (40:A2)	1	-
<u>.e. met /ɛ/</u>		
beer "ber" (80: B5)	-	1
<u>/ɔ/ vir /u/</u>		
oupa "oppa" 10:B4)	-	1

SCHWA MET SWAK GESNEDE VOKAAL

<u>/ə/ met /a/</u>		
appel "appal" (50:A2)	1	-
TOTALE KLANKVERVANGING	6	9**

4.2.3 WISSELING VAN PLEK VAN VORMING

Bilabiaal met alveolêr

buite "duite" (10:B4)	1	2
bad "dat" (10:B4)		
myne "nyne" (10:A5; 30:A2)	2	-

Velêr met bilabiaal

bok "bop" (60:A2)	1	-
-------------------	---	---

Bilabial met alveolêr

<u>/b/ met /t/</u>		
Boetie "toetoe" (10:A2)	1	-
<u>/d/ met /p/</u>		
bad "bap" (60:A2)	1	-

Alveolêr met palataal

<u>/k/ of /c/ met /t/</u>		
Mietie "Tietie" (30:B5)	-	1
TOTALE KLANKWISSELING	12	12**

Bylaag vervolg

4.2.4 WISSELING VAN PLEK EN SOORT

Alveolêr vir bilabial en sluitklank vir nasaal

Mietjie "Tietie" (30:B5)	-	1*
--------------------------	---	----

4.2.5 ONTSTEMMING EN ONTKLANKING

/ɔi/ vir /ey/

huil "hyl" (50:A2; 30:B1)	2	1
---------------------------	---	---

uit "yt" (10:A5)

/k/ vir /g/

goodbye "koebaai" (40:A3)	1	-
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TOTALE ONTSTEMMING	3	1 *
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4.2.6 VERSAGTING VAN KLANK

/t/ besonder sag in <u>bid</u> (90:B5)	-	1
--	---	---

/r/ besonder sag in <u>kar, daar,</u> (90:B5)	-	1
---	---	---

TOTALE KLANKVERSAGTING	-	2*
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Bylaag vervolg

INHOUDSOPGAWE - BYLAAG 5

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Bylaag vervolg

BYLAAG 5 VERWERKING VAN KLANKVESTIGING IN MORFEMIESE VERBAND VOLGENS GETALLE KLANKE EN GEVESTIGDE POSISIES

5.1 TIEN WOORDE

Woordposisies word aangedui as : a = aanvangsposisie; m = middelste posisie; e = eind posisie.

Getalle van gevestigde klanke verskyn in die eerste posisies en getalle van gevestigde morfemiese posisies in hakies.

Individuele prestasies van normale peuters en kleuters met Downsindroom word aangedui onder die opskrif opnames.

Konsonantale plekke van vorming word aangedui met *
Subtotale word aangedui met ** en totale met ***

5.1.1 VOKALE

GROEP A					Totaal	Gemiddeld
MONOFTONGE						
opnames	A1	A2	A3	A4 A5		
[a]	me	me	me	ame	me = 5 (11)	= 1.0 (2.2)
[i]	me	e	me	me	- = 4 (7)	= 0.8 (1.4)
[u]	me	me	-	a	- = 3 (5)	= 0.6 (1.0)
[ɔ]	me	me	m	me	- = 4 (7)	= 0.8 (1.4)
[ə]	-	m	-	-	e = 2 (2)	= 0.4 (0.4)
totaal	4(8)	5(8)	3(5)	4(8)	2(3) = 18(32)	= 3.6 (6.4)**
DIPTONGE						
[ɛu]	a	a	a	-	a = 4 (4)	= 0.8 (0.8)
[əi]	a	a	a	a	ame = 5 (7)	= 1.0 (1.4)
totaal	2(2)	2(2)	2(2)	1(1)	2(4) = 9 (11)	= 1.8 (2.2)**
TOTAAL	6(10)	7(10)	5(7)	5(9)	4(7) = 27(43)	= 5.4 (8.6)***

Bylaag vervolg

GROEP B

opnames
MONOFTONGE

	B1	B2	B3	B4	B5			
[a]	ame	ame	me	me	ame	= 5	(13)	= 1.0 (2.6)
[i]	e	e	me	m	e	= 5	(6)	= 1.0 (1.2)
[u]	-	-	-	m	-	= 1	(1)	= 0.2 (0.2)
[ɔ]	e	m	e	a	-	= 4	(4)	= 0.8 (0.8)
[ə]	me	-	-	e	-	= 2	(3)	= 0.4 (0.6)
[ɜ]	m	m	-	-	-	= 2	(2)	= 0.4 (0.4)
totaal	5(8)	4(6)	3(5)	5(6)	2(4)	=19	(29)	= 3.8 (5.8)**

DIFTONGE

[ɜu]	a	a	me	-	-	= 3	(4)	= 0.6 (0.8)
[ei]	-	a	e	e	-	= 3	(3)	= 0.6 (0.6)
[ɜy]	-	-	-	m	-	= 1	(1)	= 0.2 (0.2)
[aj]	-	e	-	-	-	= 1	(1)	= 0.2 (0.2)
totaal	1(1)	3(3)	2(3)	2(2)	0(0)	= 8	(9)	= 1.6 (1.8)**

TOTAAL 6(9) 7(9) 5(8) 7(8) 2(4) =27 (38) = 5.4 (7.6)***

5.1.2 KONSONANTE

Totaal volgens plek van vorming word aangedui met *

Linguïstiese subtotale word aangedui met **

Algehele totale word aangedui met ***

GROEP A

opnames

	A1	A2	A3	A4	A5	totale	gemiddeldes
SLUITKLANKE							
bilabiaal							
[b]	am*	am	am	am	am	= 5	(10) = 1.0 (2.0)
[p]	am	am	am	am	am	= 5	(10) = 1.0 (2.0)
	2(4)	2(4)	2(4)	2(4)	2(4)	= 10	(20) = 2.0 (4.0)*
alveolêr							
[d]	am	-	-	a	-	= 2	(3) = 0.4 (0.6)
[t]	am	am	am	am	ae	= 5	(10) = 1.0 (2.0)
	2(4)	1(2)	1(2)	2(3)	1(2)	= 7	(13) = 1.4 (2.6)*
velêr							
[k]	am	-	am	-	a	= 3	(5) = 0.6 (1.0)
[g]	-	am	-	-	-	= 1	(2) = 0.2 (0.4)
	1(2)	1(2)	1(2)	-	1(1)	= 4	(7) = 0.8 (1.4)*
totaal	5(10)	4(8)	4(8)	4(7)	4(7)	= 21	(40) = 4.2 (8.0)**

NASALE

bilabiaal

[m]	am	am	am	am	ame	= 5	(11) = 1.0 (2.2)
alveolêr							
[n]	m	m	am	am	am	= 5	(8) = 1.0 (1.6)
totaal	2(3)	2(3)	2(4)	2(4)	2(5)	= 10	(19) = 2.0 (3.8)**

Bylaag vervolg

FRIKATIEWE

alveolêr

[s] - - - e - = 1 (1) = 0.2 (0.2)

velêr

[x] - - - ame - = 1 (3) = 0.2 (0.6)

totaal 0(0) 0(0) 0(0) 2(4) 0(0) = 2 (4) = 0.4 (0.8)**

HALFVOKAAL

- - - - a = 1 (1) = 0.2 (0.2)

1(1) = 1 (1) = 0.2 (0.2)**

TOTAAL

7(13) 6(11) 6(12) 8(15) 7(13) = 34 (64) = 6.8 (12.8)***

GROEP B

opnames

B1 B2 B3 B4 B5 totaal gemiddeld

SLUITKLANKE

bilabiaal

[b] - am - - am = 2 (4) = 0.4 (0.8)

[p] am - - ame am = 3 (7) = 0.6 (1.4)

= 5 (11) = 1.0 (2.2)*

alveolêr

[d] m a am am a = 5 (7) = 1.0 (1.4)

[t] am am me me am = 5 (10) = 1.0 (2.0)

= 10 (17) = 2.0 (3.4)*

palataal

[c] - m am - m = 3 (4) = 0.6 (0.8)*

velêr

[k] a - am a a = 4 (5) = 0.8 (1.00)*

totaal 4(6) 4(6) 4(8) 4(8) 6(9) = 22 (37) = 4.4 (7.4)**

NASALE

bilabiaal

[m] am am - - am = 3 (6) = 0.6 (1.2)

alveolêr

[n] m ame - - - = 2 (4) = 0.4 (0.8)

velêr

[ŋ] - m m - m = 3 (3) = 0.6 (0.6)

totaal 2(3) 3(6) 1(1) 0(0) 2(3) = 8 (13) = 1.6 (2.6)**

FRIKATIEWE

labiodentaaal

[f] - - - e ame = 2 (4) = 0.4 (0.8)

alveolêr

[s] am am e e - = 4 (6) = 0.8 (1.2)

totaal 1(2) 1(2) 1(1) 2(2) 1(3) = 6 (10) = 1.2 (2.0)**

HALFVOKALE

[h] - - a a - = 2 (2) = 0.4 (0.4)

[j] a - - - a = 2 (2) = 0.4 (0.4)

[w] - - am a - = 2 (3) = 0.4 (0.6)

totaal 1(1) - 2(3) 2(2) 1(1) = 6 (7) = 1.2 (1.4)**

Bylaag vervolg

LIKWIEDE

alveolêr

[l]	m	-	-	m	-	= 2 (2) = 0.4 (0.4)
totaal	1(1)	0(0)	0(0)	1(1)	0(0)	= 2 (2) = 0.4 (0.4)**
TOTAAL	9(13)	8(14)	8(13)	9(13)	10(16)	= 44 (69) = 8.8 (13.8)***

5.1.3 VERGELYKING

5.1.3.1 VOKALE

GROEP :

	A		B	
Gemiddeldes	klanke	pos.	klanke	pos.
MONOPTONGE				
[a]	1.0	(2.2)	1.0	(2.6)
[i]	0.8	(1.4)	1.0	(1.2)
[u]	0.6	(1.0)	0.2	(0.2)
[ɛ]	0.8	(1.4)	0.8	(0.8)
[ɔ]	0.4	(0.4)	0.4	(0.6)
[ɜ]	-	-	0.4	(0.4)
totaal	3.6	(6.4)	3.8	(5.8)

DIFTONGE

[ɛu]	0.8	(0.8)	0.6	(0.8)
[ɔi]	1.0	(1.4)	0.6	(0.6)
[ɛy]	-	-	0.2	(0.2)
[aj]	-	-	0.2	(0.2)
totaal	1.8	(2.2)	1.6	(1.8)
TOTAAL	5.4	(8.6)	5.4	(7.6)

5.1.3.2 KONSONANTIESE VESTIGING VOLGENS WYSE EN MATE VAN KLANKAFSLUITING

Groep	A		B	
Gemiddelde klanke met morfemiese posisies in hakies				
Sluitklanke	4.2	(8.0)	4.4	(7.4)
Nasale	2.0	(3.8)	1.6	(2.6)
Frikatiewe	0.4	(0.8)	1.2	(2.0)
Halfvokale	0.2	(0.2)	1.2	(1.4)
Likwiede	-	-	0.4	(0.4)
TOTAAL	6.8	(12.8)	8.8	(13.8)

5.1.3.3 KONSONANTIESE VESTIGING VOLGENS PLEKKE VAN VORMING IN DIE MONDHOLTE

Groepe	A		B	
Bilabiaal	3.0	(6.2)	1.6	(3.4)
Labiodentaaal	-		0.4	(0.8)
Alveolêr	2.6	(4.4)	3.6	(5.8)
Palataal	-		0.6	(0.8)
Velêr	1.0	(2.0)	1.4	(1.6)
TOTAAL	6.6	(12.6)	7.6	(12.4)

Bylaag vervolg

5.2 TWINTIG WOORDE

5.2.1 VOKALE

GROEP : A

Opnames :	A1	A2	A3	A4	totaal	gemiddeld
MONOFTONGE						
[a]	me	ame	me	ame	= 4 (10)	= 1.00 (2.50)
[i]	me	e	me	me	= 4 (7)	= 1.00 (1.75)
[u]	me	me	am	ame	= 4 (9)	= 1.00 (2.25)
[ɔ]	me	ame	m	me	= 4 (8)	= 1.00 (2.00)
[ɒ]	m	m	m	e	= 4 (4)	= 1.00 (1.00)
[ɛ]	-	a	-	m	= 2 (2)	= 0.50 (0.50)
[e]	ae	-	-	ae	= 2 (4)	= 0.50 (1.00)
totaal	6(11)	6(11)	5(8)	7(14)	= 24 (44)	= 6.00 (11.00)

DIFTONGE

[ɜu]	a	a	ae	-	= 3 (4)	= 0.75 (1.00)
[ɔi]	ae	ae	ae	am	= 4 (8)	= 1.00 (2.00)
[aj]	e	-	-	-	= 1 (1)	= 0.25 (0.25)
[oj]	-	-	-	m	= 1 (1)	= 0.25 (0.25)
totaal	3(4)	2(3)	2(4)	2(3)	= 9 (14)	= 2.25 (3.50)
TOTAAL	9(15)	8(14)	7(12)	9(17)	= 33 (58)	= 8.25 (14.50)

GROEP B

Opnames	B1	B3	B5	totaal	gemiddeld
MONOFTONGE					
[a]	ame	me	ame	= 3 (8)	= 1.00 (2.66)
[i]	e	me	e	= 3 (4)	= 1.00 (1.33)
[u]	-	-	me	= 1 (2)	= 0.33 (0.66)
[ɔ]	me	e	-	= 2 (3)	= 0.66 (1.00)
[ɒ]	ame	m	-	= 2 (4)	= 0.66 (1.33)
[ɛ]	-	m	-	= 1 (1)	= 0.33 (0.33)
[ɜ]	m	-	-	= 1 (1)	= 0.33 (0.33)
[o]	m	-	-	= 1 (1)	= 0.33 (0.33)
totaal	6(11)	5(7)	3(6)	= 14 (24)	= 4.66 (8.00)
DIFTONGE					
[ɜu]	ae	me	ae	= 3 (6)	= 1.00 (2.00)
[ei]	-	e	a	= 2 (2)	= 0.66 (0.66)
[aj]	e	-	-	= 1 (1)	= 0.33 (0.33)
totaal	2(3)	2(3)	2(3)	= 6 (9)	= 2.00 (3.00)
TOTAAL	9(15)	7(10)	5(6)	= 20 (33)	= 6.66 (11.00)

5.2.2 KONSONANTE

GROEP A

opnames	A1	A2	A3	A4	totaal	gemiddeld
SLUITKLANKEN						
bilabiaal						

Bylaag vervolg

[b]	am*	am*	am*	am*	= 4(8) = 1.00 (2.00)
[p]	am	ame	am	am	= 4(9) = 1.00 (2.25)
	2(4)	2(5)	2(4)	2(4)	= 8(17) = 2.00 (4.25)*
alveolêr					
[d]	am*	-	-	am	= 2(4) = 0.50 (1.00)
[t]	ame	am	am	am	= 4(9) = 1.00 (2.25)
	2(5)	1(2)	1(2)	2(4)	= 6(13) = 1.50 (3.25)*
palataal					
[c]	-	-	-	m	= 1(1) = 0.25 (0.25)
	-	-	-	1(1)	= 1(1) = 0.25 (0.25)*
velêr					
[k]	am	ame	am	-	= 3(7) = 0.75 (1.75)
[g]	-	am*	-	-	= 1(2) = 0.25 (0.50)
	1(2)	2(5)	1(2)	-	= 4(9) = 1.00 (2.25)*
totaal	5(11)	5(12)	4(8)	5(9)	= 19(40) = 4.75 (10.00)**
NASAAL					
bilabiaal					
[m]	am	am	am	am	= 4(8) = 1.00 (2.00)
	1(2)	1(2)	1(2)	1(2)	= 4(8) = 1.00 (2.00)*
alveolêr					
[n]	am	me	am	ame	= 4(9) = 1.00 (2.25)
	1(2)	1(2)	1(2)	1(3)	= 4(9) = 1.00 (2.25)*
totaal	2(4)	2(4)	2(4)	2(5)	= 8(17) = 2.00 (4.25)**
FRIKATIEWE					
labiodentaal					
[f]	-	e	-	e	= 2(2) = 0.50 (0.50)
[v]	-	-	-	a	= 1(1) = 0.25 (0.25)
	-	1(1)	-	2(2)	= 3(3) = 0.75 (0.75)*
alveolêr					
[s]	-	e	e	e	= 3(3) = 0.75 (0.75)
	-	1(1)	1(1)	1(1)	= 3(3) = 0.75 (0.75)*
prepalataal					
[ʃ]	-	-	-	a	= 1(1) = 0.25 (0.25)
	-	-	-	1(1)	= 1(1) = 0.25 (0.25)*
velêr					
[x]	e	-	am	ame	= 3(6) = 0.75 (1.50)
	1(1)	-	1(2)	1(3)	= 3(6) = 0.75 (1.50)*
totaal	1(1)	2(2)	2(3)	5(7)	= 10(13) = 2.50 (3.25)**
HALFVOKALE					
[h]	-	a	a	a	= 3(3) = 0.75 (0.75)
[w]	-	-	-	m	= 1(1) = 0.25 (0.25)
totaal	-	1(1)	1(1)	2(2)	= 4(4) = 1.00 (1.00)**
LIKWIEDE					
alveolêr					
[l]	a	-	me	e	= 3(4) = 0.75 (1.00)
[r]	-	-	-	e	= 1(1) = 0.25 (0.25)
totaal	1(1)	-	1(2)	2(2)	= 4(5) = 1.00 (1.25)**
TOTAAL	9(17)	10(19)	10(18)	16(24)	= 45(79) = 11.25 (19.75)***

Bylaag vervolg

GROEP B

	B1	B3	B5	
SLUITKLANKE				
bilabiaal				
[b]	a*	-	am*	= 2 (3) = 0.66 (1.00)
[p]	ame	-	am	= 2 (5) = 0.66 (1.66)
	2(4)	-	2(4)	= 4 (8) = 1.33 (2.66)*
alveolêr				
[d]	am*	am*	am	= 3 (6) = 1.0 (2.00)
[t]	ame	ame	ame	= 3 (9) = 1.0 (3.00)
	2(5)	2(5)	2(5)	= 6 (15) = 2.0 (5.00)*
palataal				
[c]	-	am	m	= 2 (3) = 0.66 (1.00)
	-	1(2)	1(1)	= 2 (3) = 0.66 (1.00)*
velêr				
[k]	a	ame	a	= 3 (5) = 1.00 (1.66)
[g]	-	-	-	= - = -
	1(1)	1(3)	1(1)	= 3 (5) = 1.00 (1.66)*
totaal	5(10)	4(10)	6(11)	=15 (31) = 5.00 (10.33)**
NASAAL				
bilabiaal				
[m]	ame	am	am	= 3 (7) = 1.00 (2.33)
	1(3)	1(2)	1(2)	= 3 (7) = 1.00 (2.33)*
alveolêr				
[n]	ame	m	m	= 3 (5) = 1.00 (1.66)
	1(3)	1(1)	1(1)	= 3 (5) = 1.00 (1.66)*
velêr				
[ŋ]	-	m	m	= 2 (2) = 0.66 (0.66)
	0(0)	1(1)	1(1)	= 2 (2) = 0.66 (0.66)*
Totaal	2(5)	3(4)	3(4)	= 8 (13) = 2.66 (4.33)**
FRIKATIEWE				
labiodentaal				
[f]	-	a	ame	= 2 (4) = 0.66 (1.33)
[v]	a	-	-	= 1 (1) = 0.33 (0.33)
	1(1)	1(1)	1(3)	= 3 (5) = 1.00 (1.66)*
alveolêr				
[s]	ame	ae	-	= 2 (5) = 0.66 (1.66)
	1(3)	1(2)	-	= 2 (5) = 0.66 (1.66)*
velêr				
[x]	a	-	e	= 2 (2) = 0.66 (0.66)
	1(1)	-	1(1)	= 2 (2) = 0.66 (0.66)*
totaal	3(5)	2(3)	2(4)	= 7 (12) = 2.33 (4.00)**
HALFVOKALE				
[h]	a	a	a	= 3 (3) = 1.0 (1.00)
[j]	a	-	a	= 2 (2) = 0.66 (0.66)
[w]	-	am	-	= 1 (2) = 0.33 (0.66)
totaal	2(2)	2(3)	2(2)	= 6 (7) = 2.0 (2.33)**
LIKWIEDE				
alveolêr				
[l]	m	a	me	= 3 (4) = 1.0 (1.33)
[r]	-	e	-	= 1 (1) = 0.33 (0.33)
totaal	1(1)	2(2)	1(2)	= 4 (5) = 1.33 (1.66)**

Bylaag vervolg

TOTAAL 13(23) 13(22) 14(23) = 40 (72) = 13.33 (22.66)***

5.2.3 KONSONANTIESE VESTIGING VOLGENS WYSE EN MATE VAN KLANKAFSLUITING

gemiddeldes	GROEP A	GROEP B
Sluitkranke	4.75 (10.00)	5.00 (10.33)
Nasale	2.00 (4.25)	2.66 (4.33)
Frikatiewe	2.50 (3.25)	2.33 (4.00)
Halfvokale	1.00 (1.00)	2.00 (2.33)
Likwiedes	1.00 (1.25)	1.33 (1.66)
TOTAAL	11.25 (19.75)	13.33 (22.66)

5.2.4 KONSONANTIESE VESTIGING VOLGENS PLEKKE VAN VORMING IN DIE MONDHOLTE

gemiddeldes	GROEP A	GROEP B
Bilabiaal	3.00 (6.25)	2.33 (4.00)
Labiodentaal	0.75 (0.75)	1.00 (1.66)
Alveolêr	4.25 (7.50)	5.00 (10.66)
Prepalataal	0.25 (0.25)	- -
Palataal	0.25 (0.25)	0.66 (1.00)
Velêr	1.75 (3.75)	2.33 (3.00)
TOTAAL	10.25 (18.75)	11.33 (19.33)

5.3 DERTIG WOORDE

5.3.1 VOKALE

GROEP A

MONOFTONGE

opnames	A1	A2	A3	
[a]	me	ame	ame	= 3(8) = 1.00 (2.66)
[i]	me	me	me	= 3(6) = 1.00 (2.00)
[u]	me	me	am	= 3(6) = 1.00 (2.00)
[ɛ]	me	ame	m	= 3(6) = 1.00 (2.00)
[ɔ]	me	me	me	= 3(6) = 1.00 (2.00)
[ɛ]	m	a	m	= 3(3) = 1.00 (1.00)
[e]	ae	-	m	= 2(3) = 0.66 (1.00)
[ø]	m	-	-	= 1(1) = 0.33 (0.33)
[o]	ae	-	-	= 1(2) = 0.33 (0.66)
totaal	9(16)	6(13)	7(12)	= 22(41) = 7.33 (13.66)*

DIFTONGE

[ɪu]	a	a	ame	= 3(5) = 1.00 (1.66)
[ɔi]	am	am	ame	= 3(7) = 1.00 (2.33)
[aj]	e	-	e	= 2(2) = 0.66 (0.66)
totaal	3(4)	2(3)	3(7)	= 8(14) = 2.66 (4.66)
TOTAAL	12(20)	8(16)	10(19)	= 30(55) = 10.00(18.33)

GROEP B

opnames B1 B5

MONOFTONGE

Bylaag vervolg

[a]	ame	ame	=	2(6) = 1.0 (3.0)
[i]	e	me	=	2(3) = 1.0 (1.5)
[u]	m	me	=	2(3) = 1.0 (1.5)
[ə]	me	m	=	2(3) = 1.0 (1.5)
[ɔ]	ame	m	=	2(4) = 1.0 (2.0)
[ɛ]	-	am	=	1(2) = 0.5 (1.0)
[ɪ]	m	-	=	1(1) = 0.5 (0.5)
[o]	m	-	=	1(1) = 0.5 (0.5)
[ʊ]				
totaal	7(12)	6(11)	=	13(23) = 6.5 (11.5)

DIFTONGE

[ɪu]	ae	ae	=	2(4) = 1.0 (2.0)
[ɔi]	me	am	=	2(4) = 1.0 (2.0)
[aj]	me	-	=	1(2) = 0.5 (1.0)
totaal	3(6)	2(4)	=	5(10) = 2.5 (5.0)
TOTAAL	10(18)	8(15)	=	18(33) = 9.0 (16.5)

5.3.2 KONSONANTE

GROEP A

	A1	A2	A3	
SLUITKLANKE				
bilabiaal				
[b]	am*	am*	am*	= 3(6) = 1.00 (2.00)
[p]	ame	ame	ame	= 3(9) = 1.00 (3.00)
	2(5)	2(5)	2(5)	= 6(15) = 2.00 (5.00)
alveolêr				
[d]	am*	-	a	= 2(3) = 0.66 (1.00)
[t]	ame	ame	ame	= 3(9) = 1.00 (3.00)
	2(5)	1(3)	2(4)	= 5(12) = 1.66 (4.00)
palataal				
[c]	m	-	a	= 2(2) = 0.66 (0.66)
	1(1)	-	1(1)	= 2(2) = 0.66 (0.66)
velêr				
[k]	am	ame	ame	= 3(8) = 1.00 (2.66)
[g]	-	am	-	= 1(2) = 0.33 (0.66)
	1(2)	2(5)	1(3)	= 4(10) = 1.33 (3.33)
totaal	6(13)	5(13)	6(13)	= 17(39) = 5.66 (13.00)

NASALE

bilabiaal

[m]	ame	ame	ame	= 3(9) = 1.00 (3.00)
	1(3)	1(3)	1(3)	= 3(9) = 1.00 (3.00)

alveolêr

[n]	am	ame	am	= 3(7) = 1.00 (2.33)
	1(2)	1(3)	1(2)	= 3(7) = 1.00 (2.33)

velêr

[ŋ]	m	-	-	= 1(1) = 0.33 (0.33)
	1(1)	-	-	= 1(1) = 0.33 (0.33)
totaal	3(6)	2(6)	2(5)	= 7(17) = 2.33 (5.66)

FRIKATIEWE

labiodentaaal

[f]	-	e	m	= 2(2) = 0.66 (0.66)
-----	---	---	---	------------------------

Bylaag vervolg

[v]	-	-	a	= 1(1) = 0.33 (0.33)
	-	1(1)	2(2)	= 3(3) = 1.00 (1.00)
alveolêr				
[s]	ae	e	e	= 3(4) = 1.00 (1.33)
	1(2)	1(1)	1(1)	= 3(4) = 1.00 (1.33)
velêr				
[x]	e	-	am	= 2(3) = 0.66 (1.00)
	1(1)	-	1(2)	= 2(3) = 0.66 (1.00)
totaal	2(3)	2(2)	4(5)	= 8(10) = 2.66 (3.33)
HALFVOKAAL				
[h]	a	a	a	= 3(3) = 1.00 (1.00)
[j]	-	a	-	= 1(1) = 0.33 (0.33)
totaal	1(1)	2(2)	1(1)	= 4(4) = 1.33 (1.33)
LIKWIEDE				
alveolêr				
[l]	am	m	ame	= 3(6) = 1.00 (2.00)
totaal	1(2)	1(1)	1(3)	= 3(6) = 1.00 (2.00)
TOTAAL	13(25)	12(24)	14(27)	= 39(76) = 13.00 (25.33)

GROEP B	B1	B5	
SLUITKLANKE			
bilabiaal			
[b]	am*	am*	= 2(4) = 1.0 (2.0)
[p]	ame	ame	= 2(6) = 1.0 (3.0)
	2(5)	2(5)	= 4(10) = 2.0 (5.0)
alveolêr			
[d]	am*	am*	= 2(4) = 1.0 (2.0)
[t]	ame	ame	= 2(6) = 1.0 (3.0)
	2(5)	2(5)	= 4(10) = 2.0 (5.0)
palataal			
[c]	m	m	= 2(2) = 1.0 (1.0)
	1(1)	1(1)	= 2(2) = 1.0 (1.0)
velêr			
[k]	a	am	= 2(3) = 1.0 (1.5)
	1(1)	1(2)	= 2(3) = 1.0 (1.5)
Sluitklanke totaal	6(12)	6(13)	= 12(25) = 6.0 (12.5)
NASALE			
bilabiaal			
[m]	ame	ame	= 2(6) = 1.0 (3.0)
	1(3)	1(3)	= 2(6) = 1.0 (3.0)
alveolêr			
[n]	ame	m	= 2(4) = 1.0 (2.0)
	1(3)	1(1)	= 2(4) = 1.0 (2.0)
velêr			
[ŋ]	m	m	= 2(2) = 1.0 (1.0)
	1(1)	1(1)	= 2(2) = 1.0 (1.0)
Nasaal totaal	3(7)	3(5)	= 6(12) = 3.0 (6.0)
FRIKATIEWE			
labiodentaal			
[f]	-	ame	= 1(3) = 0.5 (1.5)

Bylaag vervolg

[v]	a	-	=	1(1) = 0.5 (0.5)
	1(1)	1(3)	=	2(4) = 1.0 (2.0)
alveolêr				
[s]	ame	e	=	2(4) = 1.0 (2.0)
	1(3)	1(1)	=	2(4) = 1.0 (2.0)
velêr				
[x]	a	e	=	2(2) = 1.0 (1.0)
	1(1)	1(1)	=	2(2) = 1.0 (1.0)
Frikatief totaal				
	3(5)	3(5)	=	6(10) = 3.0 (5.0)

HALFVOKAAL

[h]	a	a	=	2(2) = 1.0 (1.0)
[j]	a	a	=	2(2) = 1.0 (1.0)
Halfvokaal totaal				
	2(2)	2(2)	=	4(4) = 2.0 (2.0)

LIKWIEDES

alveolêr				
[l]	ame	me	=	2(5) = 1.0 (2.5)
Likwiede totaal				
	1(3)	1(2)	=	2(5) = 1.0 (2.5)
TOTAAL	15(29)	15(27)	=	30(56) = 15.0 (28.0)

5.3.3 KONSONANTIESE VESTIGING VOLGENS WYSE EN MATE VAN KLANKAFSLUITING

GROEPE	A	B
Sluitkranke	5.33 (13.00)	6.0 (12.5)
Nasale kranke	2.33 (5.66)	3.0 (6.0)
Frikatiewe	2.66 (3.33)	3.0 (5.0)
Halfvokale	1.33 (1.33)	2.0 (2.0)
Likwiedes	1.00 (2.00)	1.0 (2.5)
TOTAAL	13.33 (25.33)	15.0 (28.0)

5.3.4 KONSONANTIESE VESTIGING VOLGENS PLEKKE VAN VORMING IN DIE MONDHOLTE

GROEPE	A	B
bilabiaal	3.00 (8.00)	3.0 (8.0)
labiodentaaal	1.00 (1.00)	1.0 (2.0)
alveolêr	4.66 (9.66)	5.0 (11.5)
palataal	0.66 (0.66)	1.0 (1.0)
velêr	2.33 (4.66)	3.0 (3.5)
TOTAAL	11.66 (24.00)	13.0 (26.0)

Bylaag vervolg

5.4 JARGON

NORMALE PEUTERS EN KINDERS MET DOWNSINDROOM

5.4.1 VOKALE

woordvlak	60	60	130	moontlike
opnames	A2	B5	B5	klanke & pos.

MONOFTONGE

[a]	ame	ame	ame	1(3)
[i]	me	ame	ame	1(3)
[u]	me	me	me	1(3)
[ɔ]	ame	am	ame	1(3)
[ɒ]	am	m	ame	1(3)
[ɛ]	am	am	ame	1(3)
[ɜ]	m	a	am	1(3)
[o]	-	-	am	1(3)
[e]	-	-	m	1(3)
[ø]	-	-	-	1(3)
totaal	7(15)	7(14)	9(22)	10(30)

DIPTONGE

[ɛu]	ae	ae	ame	1(3)
[ɔi]	am	m	ame	1(3)
[aj]	e	-	ame	1(3)
[oj]	-	-	e	1(3)
[uj]	-	-	e	1(3)
totaal	3(5)	2(3)	5(11)	5(15)
TOTAAL	10(20)	9(17)	14(33)	15(45)

5.4.2 KONSONANTE

WOORDE	60	60	130	moontlike
OPNAME	A2	B5	B5	klanke en pos.

SLUITKLANKE

bilabiaal

[b]	am*	am*	am*	1(2)
[p]	ame	ame	ame	1(3)
	2(5)	2(5)	2(5)	2(5)

alveolêr

[d]	am*	am*	am*	1(2)
[t]	ame	ame	ame	1(3)
	2(5)	2(5)	2(5)	2(5)

palataal

[c]	m	am	am	1(3)
	1(1)	1(2)	1(2)	1(3)

velêr

[k]	ae	ame	ame	1(3)
[g]	am	-	a	1(3)
	2(4)	-	2(4)	2(6)
totaal	7(15)	-	7(16)	7(19)

Bylaag vervolg

NASALE

bilabiaal

[m]	ame	ame	ame	1(3)
	1(3)	1(3)	1(3)	1(3)

alveolêr

[n]	ame	m	am	1(3)
	1(3)	1(1)	1(2)	1(3)

velêr

[ŋ]	m	m	*me	1(2)
	1(1)	1(1)	1(2)	1(2)

totaal

	3(7)	3(5)	3(7)	3(8)
--	-------	-------	-------	------

FRIKATIEWE

labiodentaal

[f]	e	ame	ame	1(3)
[v]	-	a	am*	1(2)
	1(1)	2(4)	2(5)	2(5)

alveolêr

[s]	e	me	ame	1(3)
[ʃ]	-	ae	ae	1(3)
	1(1)	2(4)	2(5)	2(6)

velêr

[x]	e	e	ame	1(3)
	1(1)	1(1)	1(3)	1(3)

totaal

	3(3)	5(9)	5(13)	5(14)
--	-------	-------	-------	-------

HALFVOKALE

[h]	a*	a*	a*	1(2)
[j]	-	am*	am*	1(2)
[w]	-	am*	am*	1(2)
totaal	2(3)	3(5)	3(5)	3(6)

LIKWIEDES

alveolêr

[l]	ame	me	ame	1(3)
[r-sag]	-	-	am	1(3)
totaal	1(3)	2(6)	2(5)	2(6)

TOTAAL	16(32)	20(44)	20(46)	20(53)
--------	--------	--------	--------	--------

5.4.3 KONSONANTIESE VESTIGING VOLGENS WYSE EN MATE VAN KLANKAFSLUITING NORMALE PEUTERS EN KINDERS MET DOWNSINDROOM

OPNAMES	60-A2	60-B5	130-B5	moontlike klanke en pos.
Sluitklanke	7(15)	6(15)	7(16)	7(19)
Nasale klanke	3(7)	3(6)	3(7)	3(8)
Frikatiewe	3(3)	5(9)	5(13)	5(14)
Halfvokale	2(3)	3(5)	3(5)	3(6)
Likwiedes	1(3)	1(2)	2(5)	2(6)
TOTAAL	16(31)	18(37)	20(46)	20(53)

Bylaag vervolg

5.4.4 KONSONANTIESE VESTIGING VOLGENS PLEKKE VAN FORMING IN DIE MONDHOLTE NORMALE PEUTERS EN KINDERS MET DOWNSINDROOM

OPNAMES	A2	B5	B5	moontlike klanke en pos.
aantal woorde	60	60	130	
bilabiaal	3(8)	3(8)	3(8)	3(8)
alveolêr	5(12)	5(11)	6(15)	6(17)
velêr	4(6)	3(5)	4(9)	4(11)
labiodentaal	1(1)	2(4)	2(5)	2(5)
prepalataal	-	1(2)	1(2)	1(3)
palataal	1(1)	1(2)	1(2)	1(3)
TOTAAL	14(28)	15(32)	17(41)	17(47)

5.5 VERGELYKING VAN WOORDSOORTE - 10 woorde

NORMALE PEUTERS

opnames	A1	A2	A3	A4	A5	Gemiddeld
Eiename	5	7	5	3	4 = 24	= 4.8
Selfstandige naamwoorde	2	2	3	3	1 = 10	= 2.0
Werkwoorde	1	-	-	1	2 = 4	= 0.8
Voornaamwoorde	-	-	-	-	1 = 1	= 0.2
Bywoorde	-	-	-	-	2 = 2	= 0.4
Tussenwerpsels	2	2	2	3	- = 9	= 1.8

KINDERS MET DOWNSINDROOM

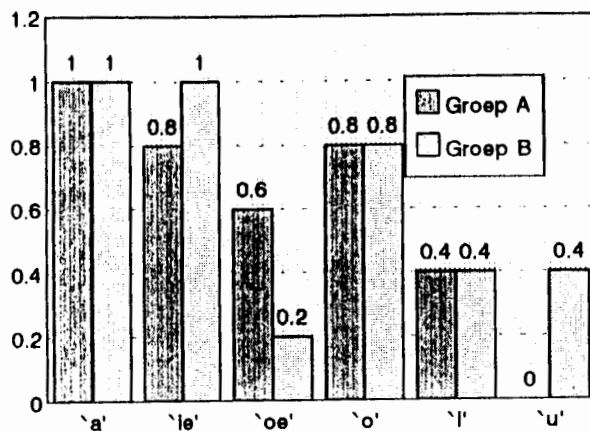
opnames	B1	B2	B3	B4	B5	
Eiename	8	2	2	2	5 = 19	= 3.8
Selfstandige naamwoorde	1	2	2	2	2 = 9	= 1.8
Werkwoorde	-	-	1	2	1 = 4	= 0.8
Voornaamwoorde	1	-	2	1	- = 4	= 0.8
Bywoorde	-	-	1	3	1 = 4	= 0.8
Tussenwerpsels	-	6	2	-	2 = 10	= 2.0

INHOUDSOPGAWE

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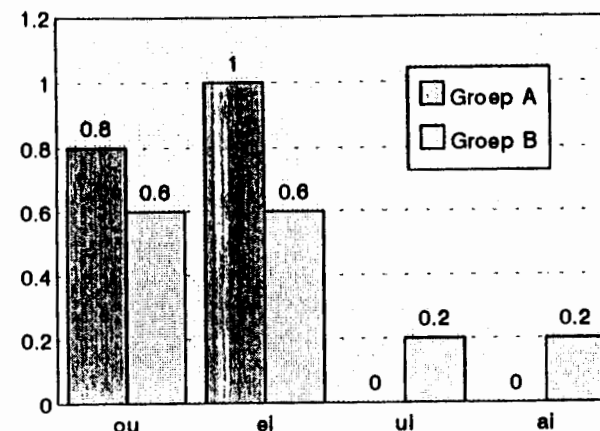
VOKAAL ONTWIKKELING

Monoftonge - 10 woorde



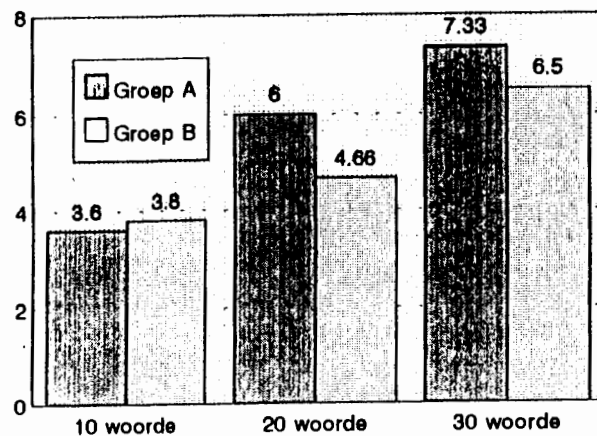
Grafiek 1

Diftonge - 10 woorde



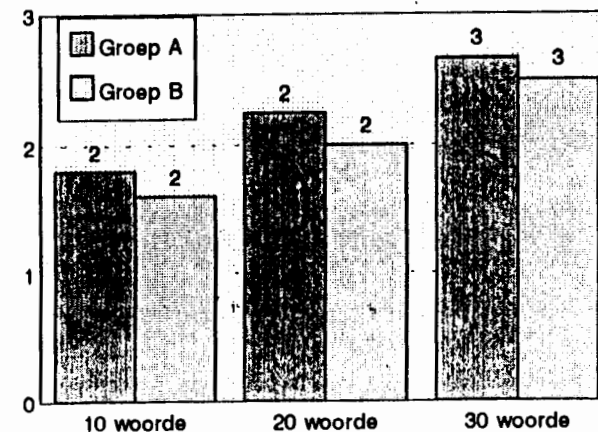
Grafiek 2

Monoftonge - 10, 20 & 30 woorde



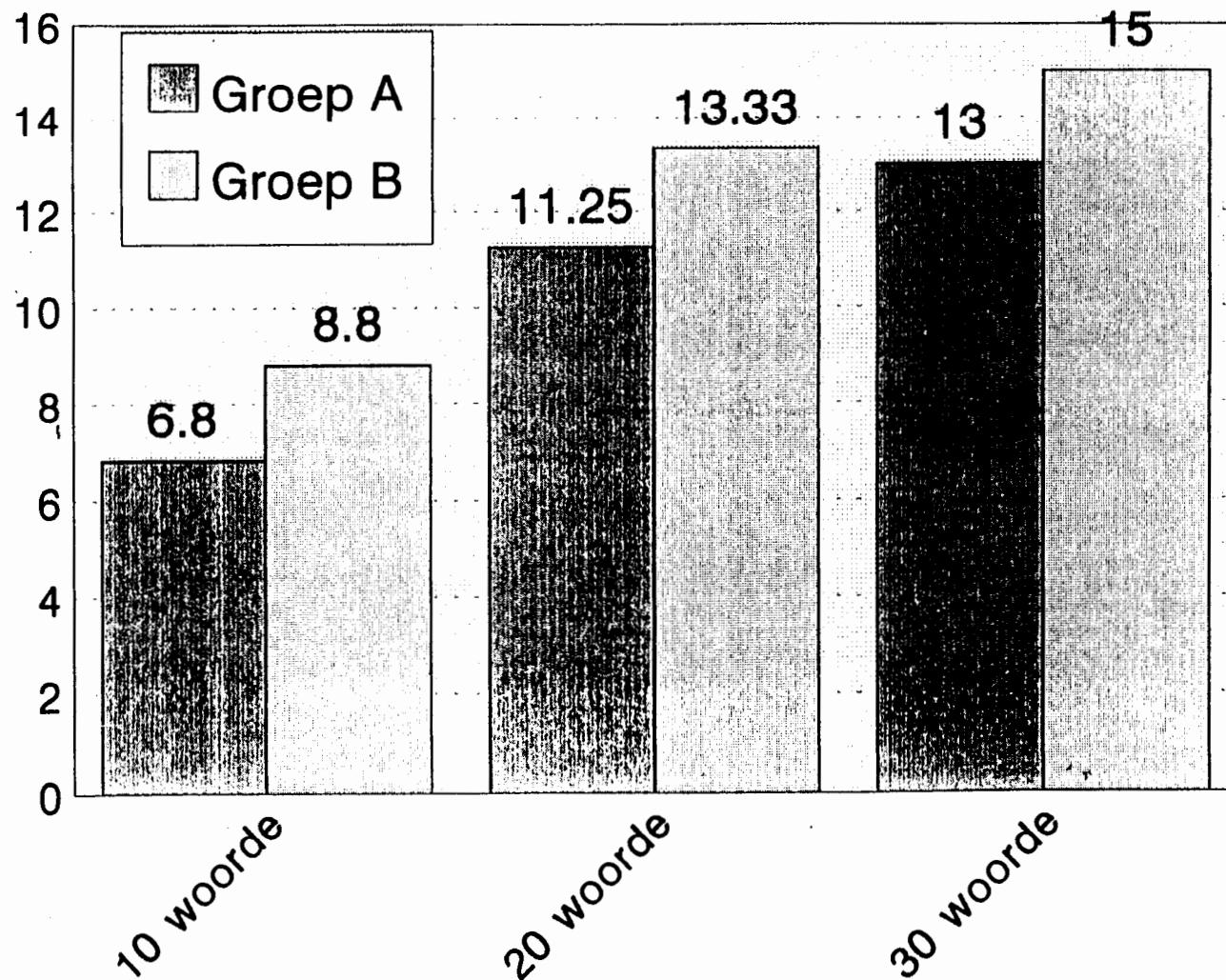
Grafiek 3

Diftonge - 10, 20 & 30 woorde



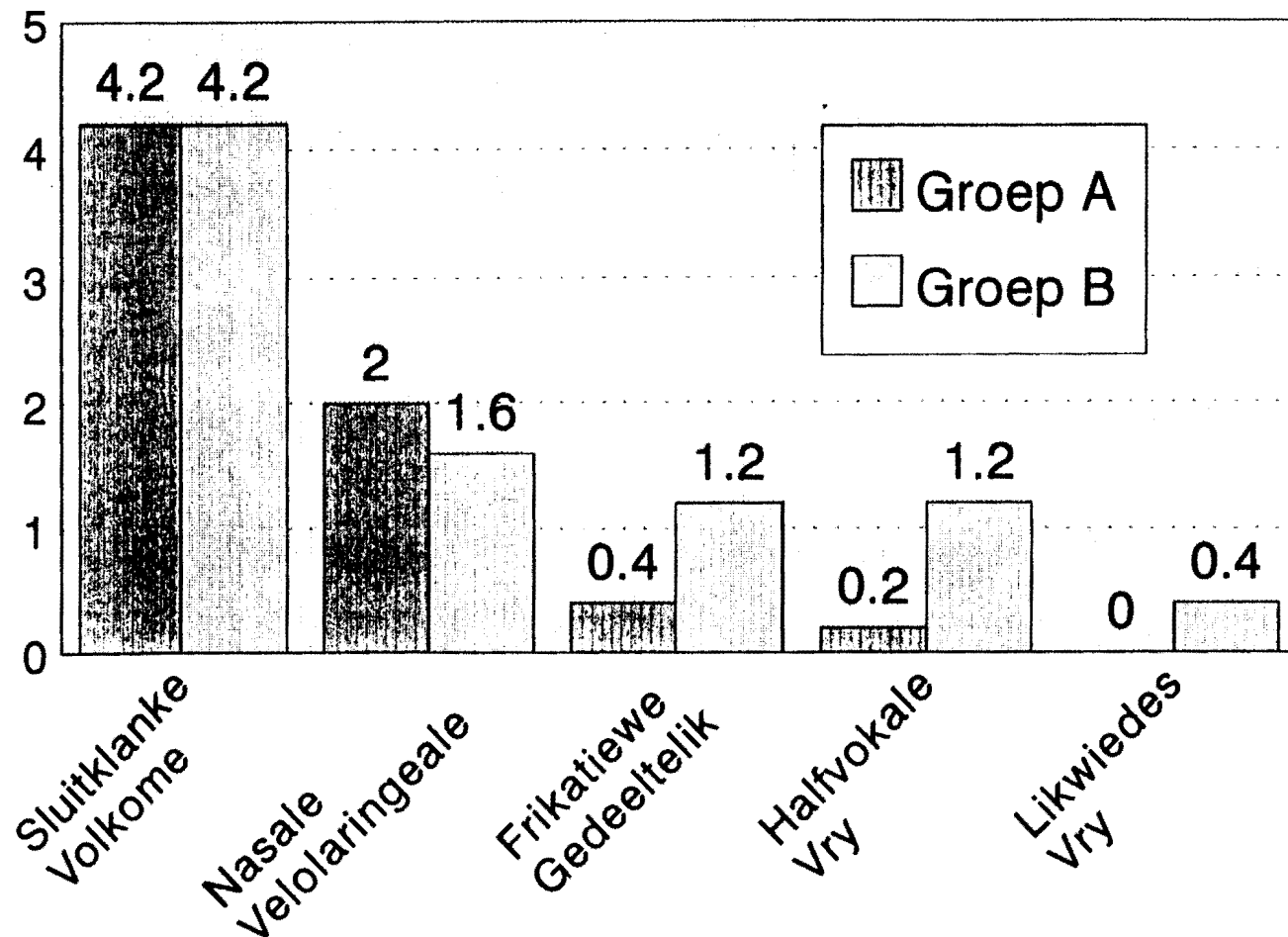
Grafiek 4

Konsonant ontwikkeling - 10, 20 & 30 woorde



Grafiek 5

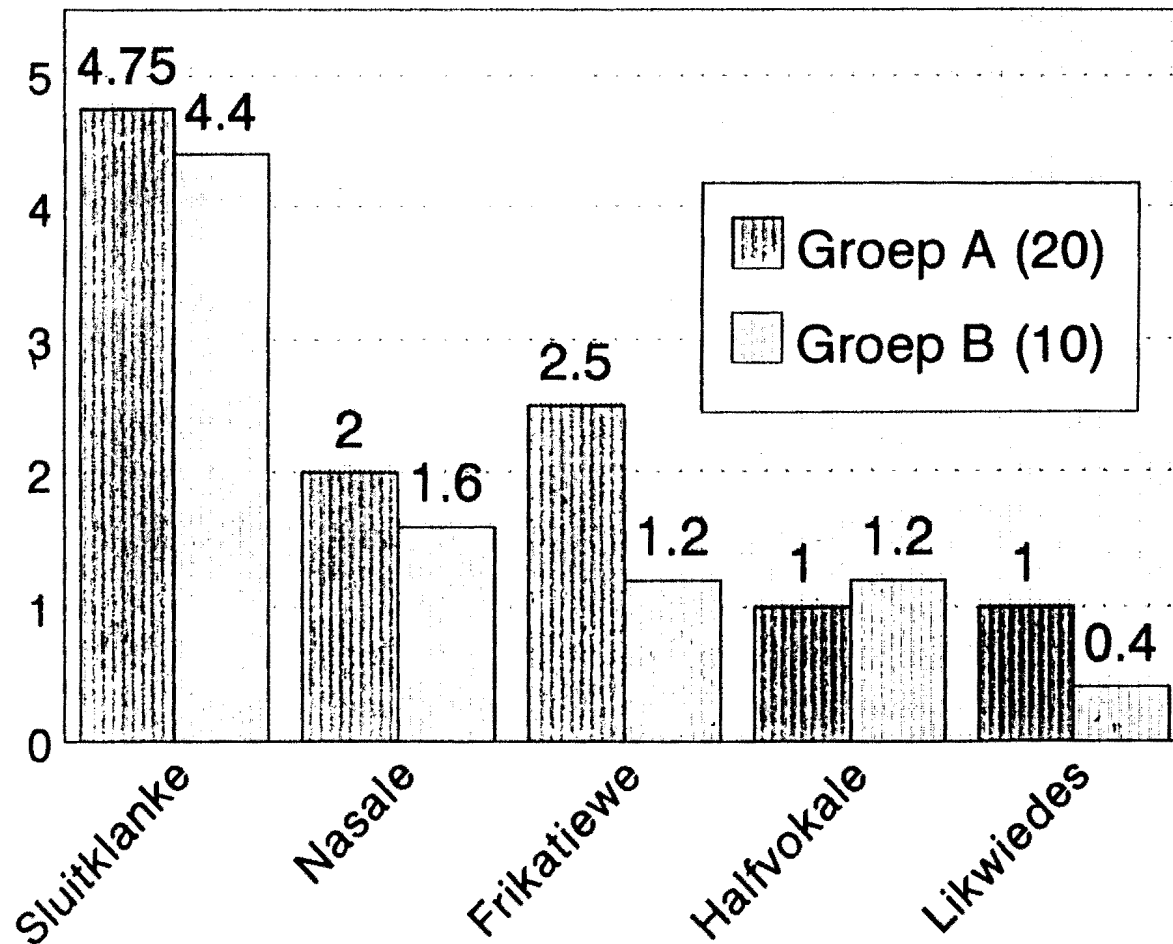
Wyse en Mate van Klankafsluiting 10 woorde



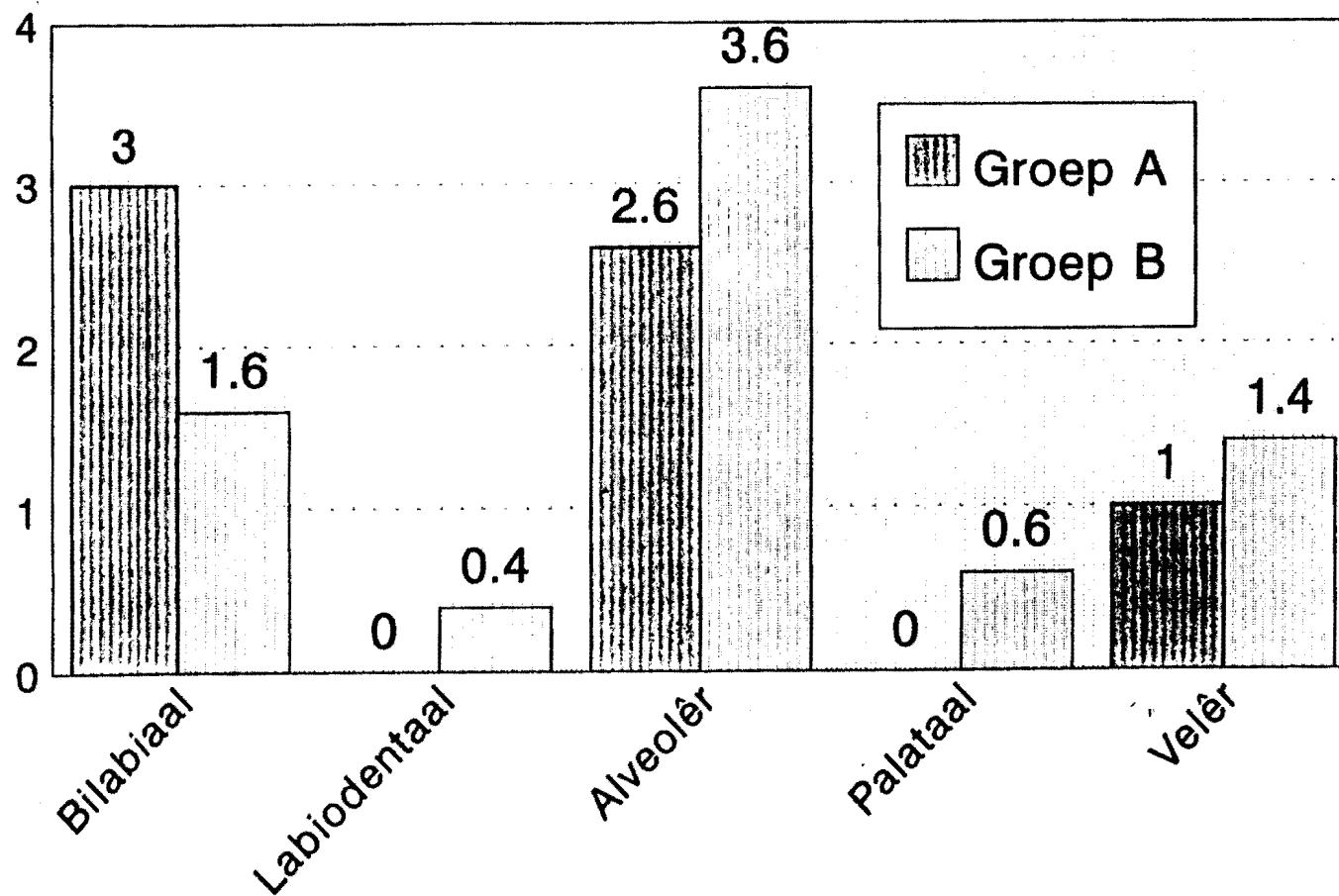
Grafiek 6

Wyse en Mate van Klankafsluiting

Groep A - 20 woorde vs Groep B - 10 woorde

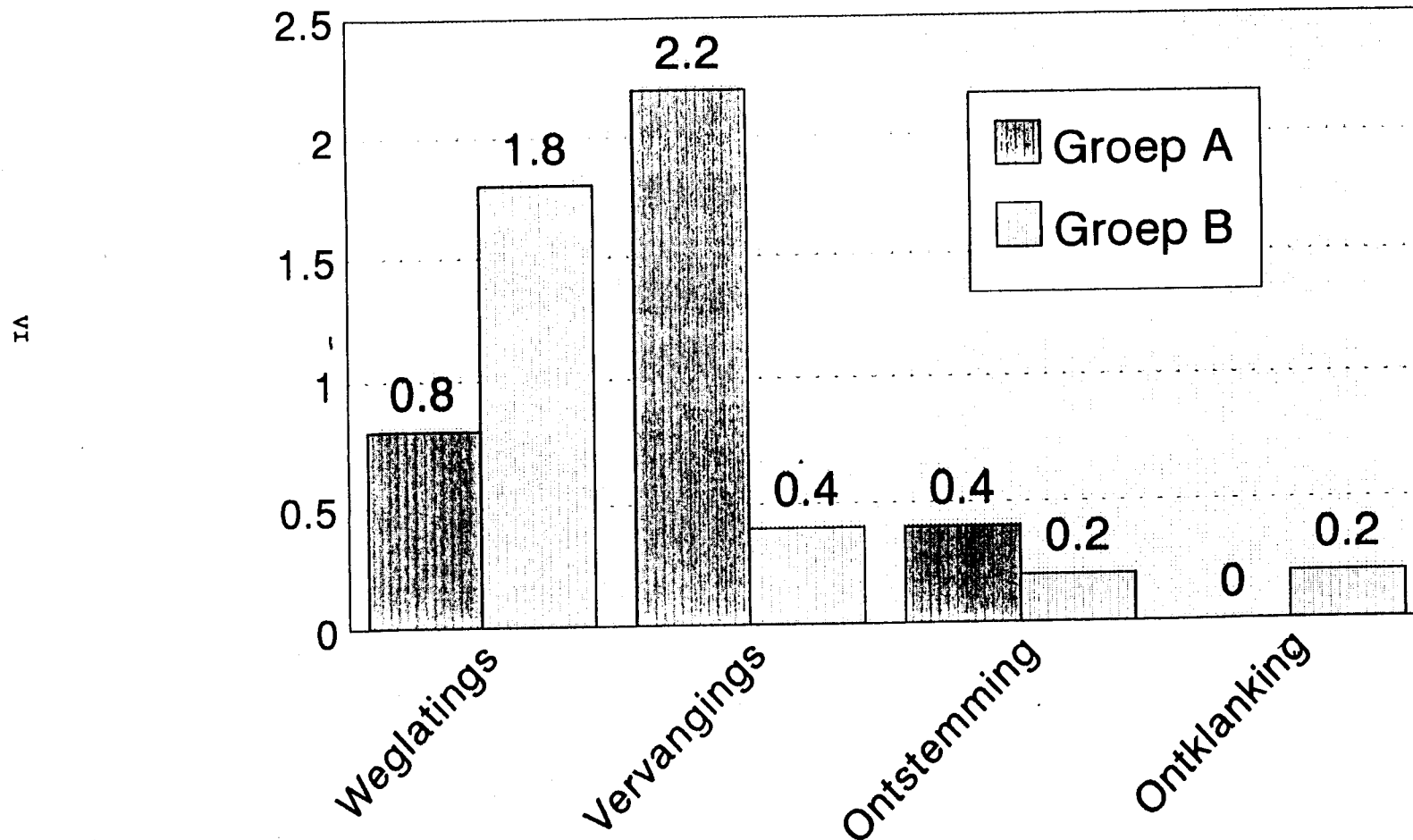


Konsonant ontwikkeling Plekke van Vorming



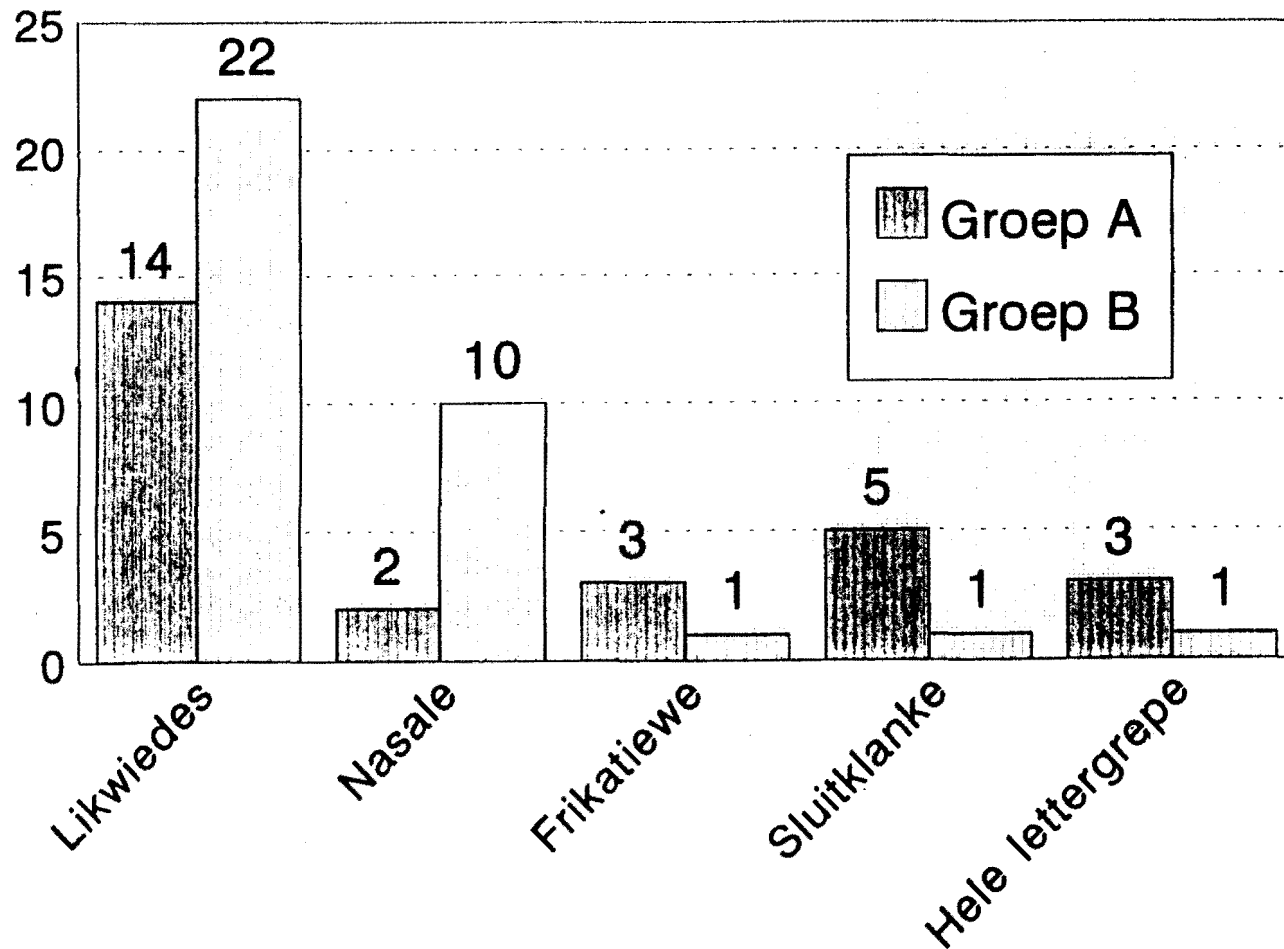
Fonologiese prosesse van vereenvoudiging

Tipes vereenvoudigings



Grafiek 9

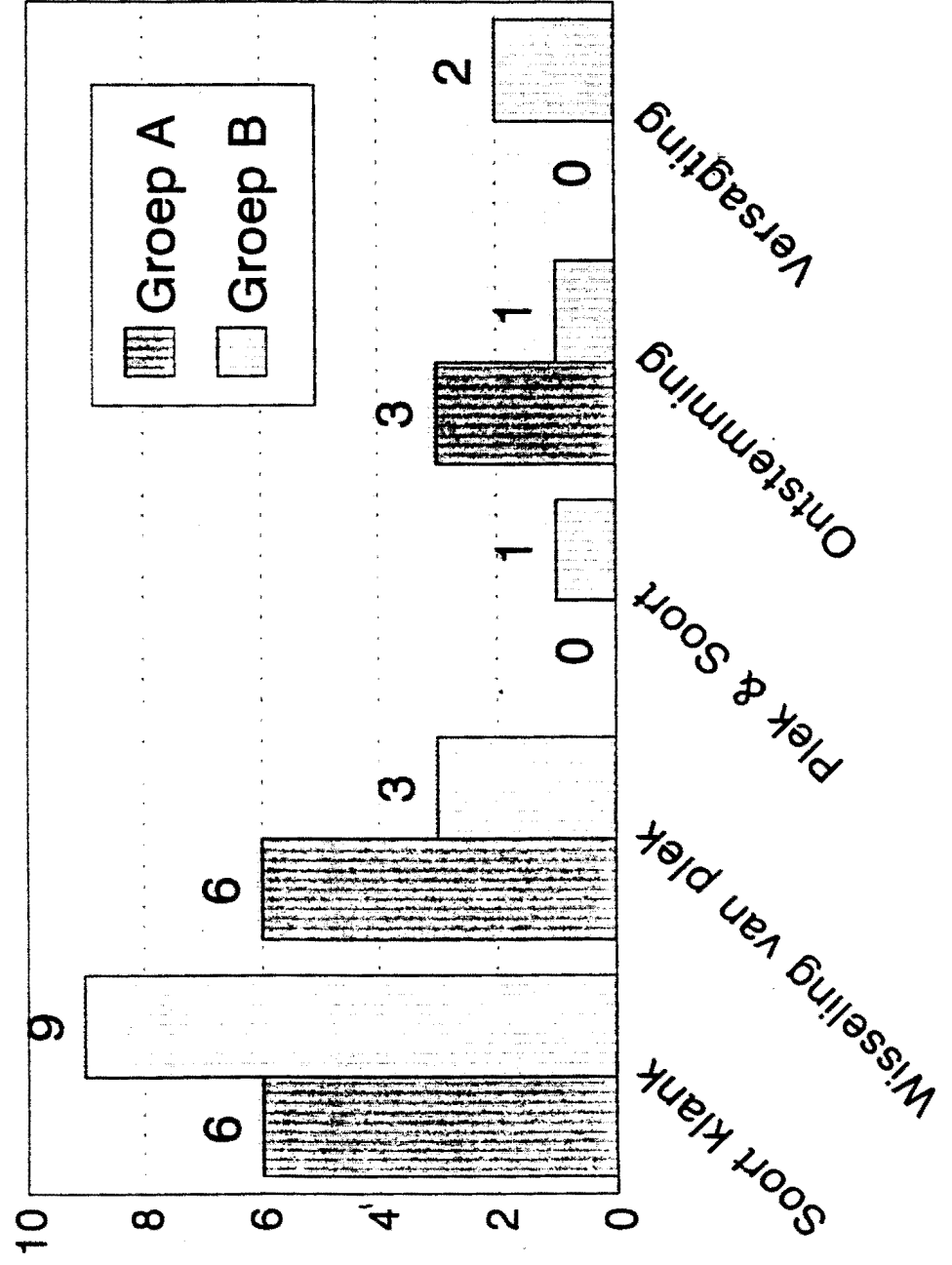
Fonologiese prosesse van vereenvoudiging Weglatings



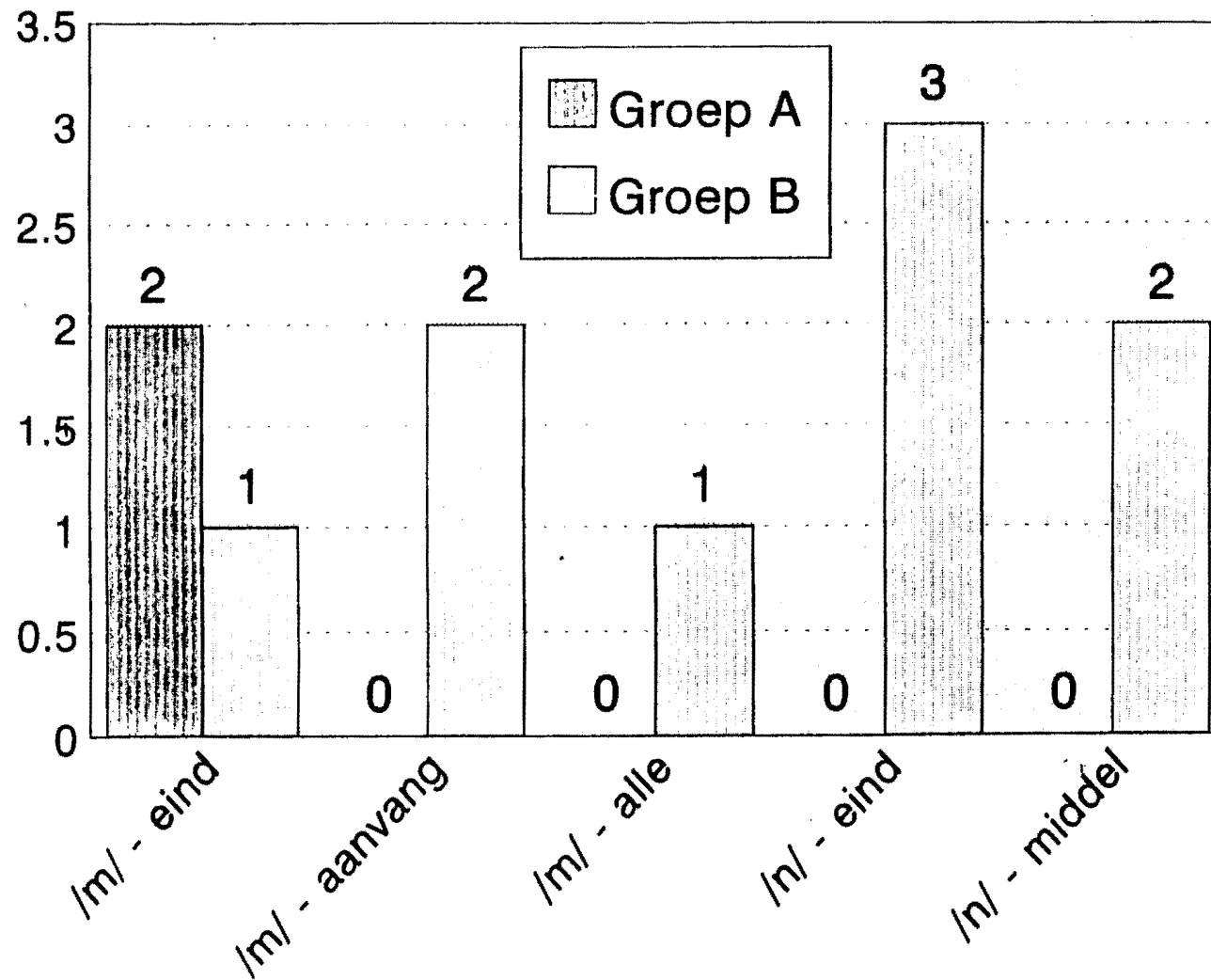
Grafiek 10

Fonologische processe van vereenvoudiging

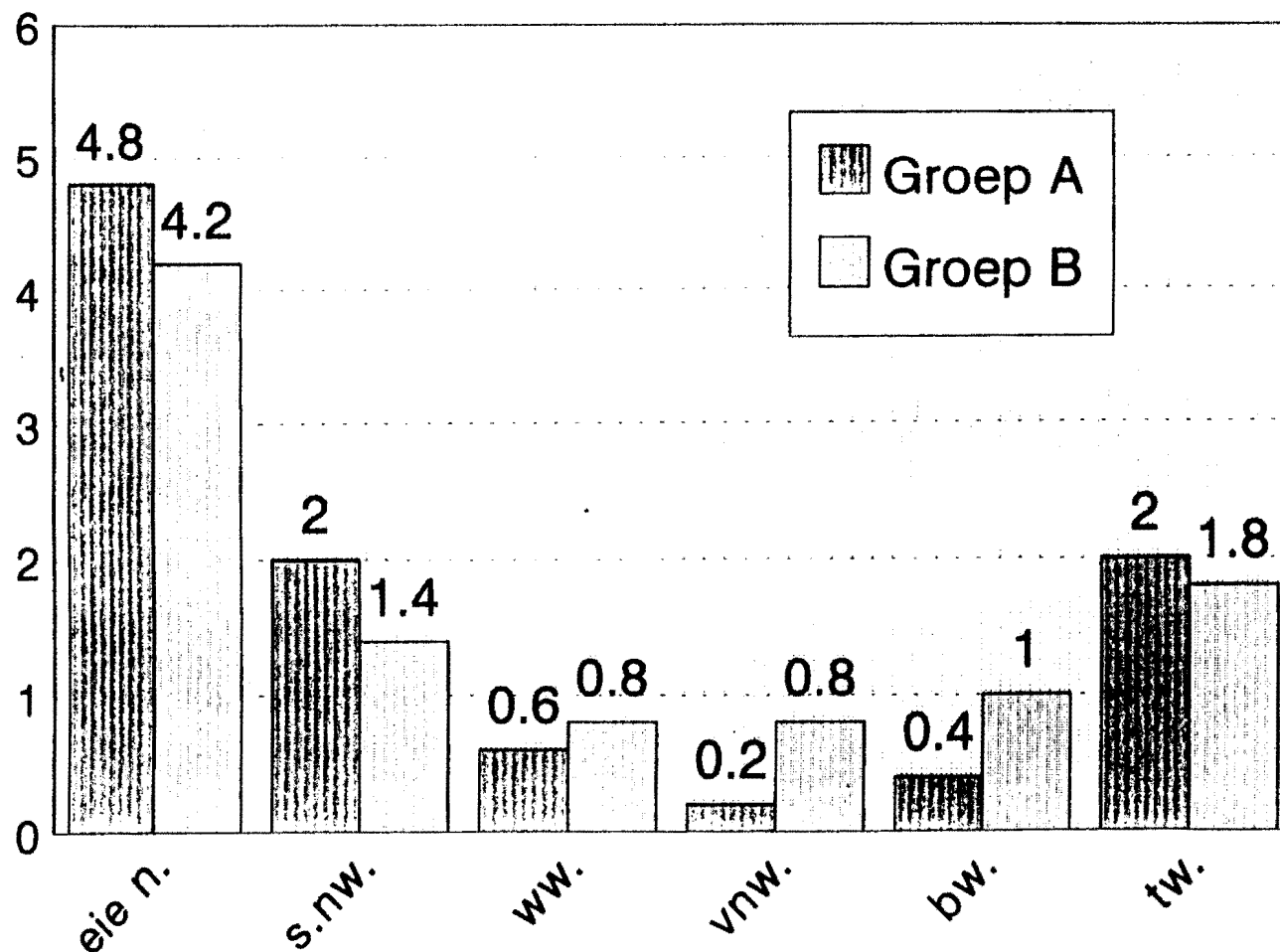
Vervangings



Denasaliteit



Morfologiese analise 10 woorde



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