

Phonetic and Phonological Systems Analysis-English Systems (PPSA). Target accent:

Name: *George*

Date/Age: *6;5 yrs*

Data used:

PI	Target	Correct Realisation			Errored Realisation			Deletion			Place	Manner
		WI	WM	WF	WI	WM	WF	WI	WM	WF		
p	p		1	-			b				Front→Back	Oral Stops/Plosives
b	b	111	11	1								
t	t	-1---	--	----	gdgk	gg	ggdd					
d	d	--	--	--	gg	gg	gg					
k	k	111	-	11		g						
g	g	1		11								
m	m	1		11							Front→Back	Nasals
n	n	11		111111								
ŋ	ŋ	/		11								
f	f	11	1	1							Front→Back	Fricatives
v	v	--	1	-	bb		b					
	θ											
	ð											
s	s	1--		---	gg		g			11		
	z	-	-	----	f	g				1111		
	ʃ			--			gg					
	ʒ	/										
h	h	111		/								
	ç	-	-	-	g	g	g					
	ç̥	-		-	g		g					
w	w	11		/							Front→Back	Approximants
	ɹ	---	-	/	www	w						
l	l	1	11	11								
	j			/								
	ɹ	/										Rhotic

Other Errors (eg sequencing errors, consonant harmony)

/ʌ/ → [a]¹¹¹¹

/aʊ/ → [a]¹



Phonetic and Phonological Systems Analysis-English Systems (PPSA). Target accent:

Name: *George*

Date/Age: *6;5 yrs*

Data used:

Some Clusters (^R applicable for rhotic accents)

Word Initial		Word Medial	Word Final	
pl- ✓ ¹	fl- f ¹	-ŋg-✓ ¹	-mp ✓ ¹	-ks
pɪ-	fɪ- f ¹	-mbɪ- -mb ⁻¹	-nt	-gz
bl- ✓ ¹	θɪ-		-nd ✓ ¹	-pt
bɪ- b ¹	sp- b ¹		-ŋk	-bd
tw-	sm-		-ft	-kt
tɪ- g ¹	sw- f ¹		-sp	-ɪp ^R
dw-	st- g ¹		-st -g ¹	-ɪb ^R
dɪ- g ¹	sn- n ¹		-sk	-ɪd ^R
kw-	sl-		-lp	-ɪts ^R
kl- ✓ ¹	sk- g ¹		-lt	-ɪn ^R
kɪ- g ¹ k ¹	spl-		-lk	-ndʒ -n ¹
gl- ✓ ¹	spɪ-		-ps	
gɪ- g ¹	stɪ-		-bz	
	skw-		-ts	
	skɪ-		-dz	

Error Pattern Summary (shading denotes atypical error patterns)

Structural	(✓)	Segmental	(✓)	Phonetic	(✓)
Reduplication		Pre-vocalic voicing	✓	Dentalisation	
Weak syllable deletion		Post-vocalic devoicing		Lateralisation	
Final C deletion	✓	Palatal fronting		Palatalisation	
Initial C deletion		Velar fronting		Ingressive air stream	
h-deletion		Alveolar backing	✓	Nasal emission	
Consonant insertion		Stopping of fricatives	✓	Clicks	
Vowel insertion (epenthesis)		Gliding of fricatives			
Cluster reduction	✓	Stopping of affricates	✓	post-vocalic voicing	✓
Coalescence	? ¹	Deaffrication		Other	
Diphthong reduction	✓	Gliding of liquids	✓	Fricative simplification	
Diphthongisation		Glottal replacement		l-vocalisation	
Linearisation of features		Excessive glottal replacement		/ɹ/ → [v]	
		Systematic sound preference			
Word level errors		Vowel lowering	✓	Variability / Further ax required?	(✓)
Consonant harmony	✓	Vowel raising		Progressive variability	✓
Transposition (metathesis)		Vowel fronting		Context-conditioning	
Sequencing errors		Vowel backing		Inconsistent production of same lexical items	
				Multi-lingual influence	

