

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

Name: *Pip*

Date/Age: */4;7 yrs*

Data used: *Picture naming*

PI	Target	Correct Realisation			Errored Realisation			Deletion			Place	Manner
		WI	WM	WF	WI	WM	WF	WI	WM	WF		
p	p	---	1	11	bbb						Front→Back	Oral Stops/Plosives
b	b	111	1									
t	t	---	-	--	ddd	?	??					
d	d	111	1	1								
	k	---	-	---	ddd	?	???					
	g	--	-	-	dd	d	d					
m	m	111		1							Front→Back	Nasals
n	n	11	11	11111								
	ŋ	/		--			nn					
	f	---	--	--	www	ww				11	Front→Back	Fricatives
	v	-	--	-	w	ww	b					
	θ	-		-	j					1		
	ð		-			d						
	s	----	--	----	jjj	??				11111		
	z		--	----		dd	dddd					
	ʃ	--	--	-	jj	??				1		
	ʒ	/										
h	h	111		/								
	ç	--		--	dd		tt					
	çʒ	-		-	d		d					
w	w	111		/							Front→Back	Approximants
	ɹ	---	-	/	www	w						
l	l	11	11	1111								
j	j			/								
	ɹ	/									Rhotic	

Other Errors (eg sequencing errors, consonant harmony)

/ʌ/ → [ʊ] x 5



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

Name: Pip

Date/Age: /4;7 yrs

Data used: Picture naming

Some Clusters (^R applicable for rhotic accents)

Word Initial		Word Medial	Word Final	
pl- b¹	fl- w¹	-ndʒ--nd- ¹	-mp ✓ ¹	-ks
pɪ-	fɪ-	-st- -ʔ- ¹	-nt ✓ ¹	-gz
bl-	θɪ-	-ktʃ- -ʔ- ¹	-nd ✓ ¹¹	-pt
bɪ- b¹	sp- b¹		-ŋk	-bd
tw-	sm-		-ft	-kt
tɪ- w¹	sw-		-sp	-ɪp ^R
dɪ-	st- d¹		-st	-ɪb ^R
dɪ- w¹	sn- n¹		-sk	
kw-	sl-		-lp	
kl-	sk-		-lt	
kɪ-	spl-		-lk	
gl- d¹	spɪ-		-ps	
gɪ-	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	✓		
Coalescence		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	

