

**Supplemental Material S1.** Full list of targets and foils for the familiarization and testing phase. AoA = age of acquisition; SAM-PA = SAM-PA machine readable IPA transcription; Feature = phonological feature change; SNR = signal-to-noise ratio adjustment for each word.

Orthographic	Target			Foil 1 (distracter)		Foil 2 (distracter)	
	IPA	AoA	SNR	IPA	Feature	IPA	Feature
<b>Familiarization</b>							
Bike	baɪk	4.79	2	waɪk	Manner	gaɪk	Place
Bin	bɪn	4.68	3	mɪn	Manner	ɡɪn	Place
Bus	bʌs	3.85	-4	wʌs	Manner	dʌs	Place
Dog	dɒɡ	2.80	2	nɒɡ	Manner	ɡɒɡ	Place
Doll	dɒl	3.68	0	ɹɒl	Manner	bɒl	Place
Duck	dʌk	3.50	-4	zʌk	Manner	ɡʌk	Place
Laugh	lɑ:f	3.79	-2	zɑ:f	Manner	wɑ:f	Place
Leg	leg	3.00	-1	deg	Manner	jeg	Place
One	wʌn	3.23	-3	mʌn	Manner	lʌn	Place
Rain	ɹeɪn	3.60	0	neɪn	Manner	jeɪn	Place
Sea	si:	4.74	-7	zi:	Voicing	θi:	Place
Sun	sʌn	3.40	11	zʌn	Voicing	θʌn	Place
Watch	wɒtʃ	4.33	-3	ɡɒtʃ	Manner	ɹɒtʃ	Place
Wave	weɪv	4.26	-1	beɪv	Manner	leɪv	Place
<b>Test items</b>							
Bed	bed	2.89	-3	med	Manner	ped	Voicing
Book	bʊk	3.68	0	wʊk	Manner	pʊk	Voicing
Boot	bu:t	3.89	5	wu:t	Manner	pu:t	Voicing
Chair	tʃeə	3.43	0	seə	Manner	dʒeə	Voicing
Boat	bəʊt	3.84	-1	wəʊt	Manner	pəʊt	Voicing
Bag	bæg	4.28	-3	mæg	Manner	pæg	Voicing
Dig	dɪɡ	4.19	-3	nɪɡ	Manner	tɪɡ	Voicing
Towel	taʊl	3.22	-5	saʊl	Manner	paʊl	Place
Sing	sɪŋ	3.47	-13	tɪŋ	Manner	ʃɪŋ	Place
Knife	naɪf	4.15	0	daɪf	Manner	maɪf	Place
Wash	wɒʃ	4.00	-5	bɒʃ	Manner	ɹɒʃ	Place
Bath	bɑ:θ	3.23	-4	wɑ:θ	Manner	dɑ:θ	Place
Leaf	li:f	4.60	2	ni:f	Manner	wi:f	Place
Road	ɹəʊd	4.55	-2	zəʊd	Manner	jəʊd	Place
Cough	kɒf	4.32	18	pɒf	Place	ɡɒf	Voicing
Bite	baɪt	3.58	-5	daɪt	Place	paɪt	Voicing
Comb	kəʊm	5.50	9	pəʊm	Place	ɡəʊm	Voicing
Kite	kaɪt	4.58	5	paɪt	Place	ɡaɪt	Voicing
Cow	kaʊ	3.94	0	taʊ	Place	ɡaʊ	Voicing
Cake	keɪk	3.26	3	peɪk	Place	geɪk	Voicing
Fish	fɪʃ	4.05	1	hɪʃ	Place	vɪʃ	Voicing

Fork	fɔ:k	3.63	4	sɔ:k	Place	vɔ:k	Voicing
Five	faiɪv	4.51	4	ʃaiɪv	Place	vaiɪv	Voicing
Fall	fɔ:l	4.71	0	sɔ:l	Place	vɔ:l	Voicing
Soap	səʊp	3.17	2	fəʊp	Place	zəʊp	Voicing
Foot	fʊt	3.44	4	hʊt	Place	vʊt	Voicing
Suck	sʌk	5.58	-8	hʌk	Place	zʌk	Voicing
Thumb	θʌm	4.42	3	ʃʌm	Place	ðʌm	Voicing