

Supplemental Material S4. Nonword reading summary statistics of the stimuli characteristics using independent sample *t* tests.

<u>Orthographic characteristics</u>			
Phoneme type	Number of letters	Orthographic neighborhood	Mean bigram frequency
E7 ^a <i>M</i> (<i>SD</i>)	4.050 (0.510)	7.100 (4.876)	2426.40 (1296.48)
L7 ^a <i>M</i> (<i>SD</i>)	4.500 (0.889)	5.050 (5.125)	2971.04 (1240.65)
	$t(30.3)^b = -1.96$ $p = .06$	$t(38) = 1.30$ $p = .20$	$t(38) = -1.36$ $p = .18$
<u>Phonological characteristics</u>			
Phoneme type	Phonological neighborhood	Sum of phonotactic probability	Sum of biphone probability
E7 ^a <i>M</i> (<i>SD</i>)	16.70 (5.89)	0.1227 (0.0327)	0.0038 (0.0028)
L7 ^a <i>M</i> (<i>SD</i>)	16.15 (11.31)	0.1149 (0.0451)	0.0051 (0.0063)
	$t(28.6)^b = 0.19$ $p = .85$	$t(38) = 0.63$ $p = .53$	$t(26.3)^b = -0.90$ $p = .38$
<u>Constituent CV and VC characteristics</u>			
Phoneme type	Wordlikeness of CVs	# of friends of VCs	Consistency ratio of VCs
E7 ^a <i>M</i> (<i>SD</i>)	3.54 (1.47)	6.60 (5.60)	0.99 (0.06)
L7 ^a <i>M</i> (<i>SD</i>)	2.76 (1.60)	6.35 (6.10)	0.96 (0.08)
	$t(38) = 1.61$ $p = .12$	$t(38) = 0.14$ $p = .89$	$t(31) = 1.05$ $p = .30$

Note. CV = consonant–vowel; VC = vowel–consonant.

^aThe stimuli for this study comprised either early- (E) or late- (L) developing consonant phonemes, with seven phonemes per group: E7 and L7. ^bEqual variances not assumed using Levene's Test.