

**Supplemental Material S11.** Summary statistics of the Experiment 2 nonword stimuli characteristics using  $2 \times 4$  (Phoneme Type  $\times$  List) analyses of variance (ANOVAs).

<b><u>Orthographic characteristics</u></b>					
<b>Stimulus lists</b>	<b>Number of letters</b>	<b>Orthographic neighborhood</b>	<b>Mean bigram frequency</b>	<b>Number of friends</b>	<b>Consistency ratio</b>
<b>E7<sup>a</sup> nonwords</b>					
<i>M</i> <sub>1</sub> ( <i>SD</i> )	4.13 (0.35)	7.67 (4.29)	2549.31 (1179.39)	7.13 (4.09)	1.00 (.00)
<i>M</i> <sub>2</sub> ( <i>SD</i> )	4.00 (0.53)	9.73 (4.57)	2564.44 (921.67)	10.93 (5.70)	.95 (.09)
<i>M</i> <sub>3</sub> ( <i>SD</i> )	4.13 (0.64)	8.20 (4.49)	2681.55 (1380.20)	8.07 (5.68)	1.00 (.00)
<i>M</i> <sub>4</sub> ( <i>SD</i> )	4.00 (0.38)	8.27 (4.70)	2688.41 (1115.63)	8.47 (5.45)	.99 (.06)
<b>L7<sup>a</sup> nonwords</b>					
<i>M</i> <sub>1</sub> ( <i>SD</i> )	4.33 (0.82)	5.93 (4.95)	3273.63 (1499.09)	6.47 (5.42)	.98 (.06)
<i>M</i> <sub>2</sub> ( <i>SD</i> )	4.27 (0.59)	6.93 (5.01)	2683.81 (1200.94)	7.67 (6.04)	.94 (.11)
<i>M</i> <sub>3</sub> ( <i>SD</i> )	4.27 (0.70)	7.80 (6.67)	2946.24 (1281.55)	9.40 (6.88)	.98 (.06)
<i>M</i> <sub>4</sub> ( <i>SD</i> )	4.27 (0.80)	6.20 (5.62)	2875.92 (1322.19)	6.60 (5.67)	.95 (.11)
Main effect <sub>Type</sub>	$F(1, 112) = 3.62$ $p = .06$	$F(1, 112) = 3.55$ $p = .06$	$F(1, 112) = 2.02$ $p = .16$	$F(1, 112) = 1.17$ $p = .28$	$F(1, 106) = 3.06$ $p = .08$
Main effect <sub>List</sub>	$F(3, 112) = 0.19$ $p = .90$	$F(3, 112) = 0.57$ $p = .64$	$F(3, 112) = 0.27$ $p = .84$	$F(3, 112) = 1.20$ $p = .31$	$F(3, 106) = 2.32$ $p = .08$
Type $\times$ List	$F(3, 112) = 0.08$ $p = .97$	$F(3, 112) = 0.29$ $p = .83$	$F(3, 112) = 0.36$ $p = .78$	$F(3, 112) = 0.89$ $p = .45$	$F(3, 106) = 0.05$ $p = .98$

<sup>a</sup>The stimuli for this study comprised either early- (E) or late- (L) developing consonant phonemes, with seven phonemes per group: E7 and L7.

**Supplemental Material S11.** (continued)

Stimulus lists	<u>Phonological characteristics</u>			
	Phonological neighborhood	Sum of phonotactic probability	Sum of biphone probability	Spoken duration in ms
<b>E7<sup>a</sup> nonwords</b>				
<i>M</i> <sub>1</sub> ( <i>SD</i> )	19.47 (7.34)	.126 (.036)	.004 (.003)	739.53 (53.12)
<i>M</i> <sub>2</sub> ( <i>SD</i> )	22.67 (9.90)	.125 (.029)	.004 (.002)	732.87 (56.26)
<i>M</i> <sub>3</sub> ( <i>SD</i> )	19.93 (7.40)	.123 (.034)	.004 (.003)	748.27 (48.03)
<i>M</i> <sub>4</sub> ( <i>SD</i> )	23.00 (9.30)	.136 (.033)	.004 (.002)	744.80 (56.20)
<b>L7<sup>a</sup> nonwords</b>				
<i>M</i> <sub>1</sub> ( <i>SD</i> )	20.33 (13.38)	.123 (.034)	.005 (.004)	758.40 (51.87)
<i>M</i> <sub>2</sub> ( <i>SD</i> )	21.00 (12.35)	.127 (.033)	.005 (.004)	738.73 (32.89)
<i>M</i> <sub>3</sub> ( <i>SD</i> )	19.27 (11.03)	.127 (.046)	.005 (.006)	762.73 (34.10)
<i>M</i> <sub>4</sub> ( <i>SD</i> )	21.73 (11.28)	.124 (.066)	.006 (.007)	765.13 (26.46)
Main effect <sub>Type</sub>	$F(1, 112) = 0.13$ $p = .72$	$F(1, 112) = 0.09$ $p = .76$	$F(1, 112) = 1.51$ $p = .22$	$F(1, 112) = 3.11$ $p = .08$
Main effect <sub>List</sub>	$F(3, 112) = 0.52$ $p = .67$	$F(3, 112) = 0.11$ $p = .95$	$F(3, 112) = 0.29$ $p = .84$	$F(3, 112) = 1.18$ $p = .32$
Type × List	$F(3, 112) = 0.09$ $p = .97$	$F(3, 112) = 0.25$ $p = .87$	$F(3, 112) = 0.18$ $p = .91$	$F(3, 112) = 0.15$ $p = .93$

<sup>a</sup>The stimuli for this study comprised either early- (E) or late- (L) developing consonant phonemes, with seven phonemes per group: E7 and L7.