

**Supplemental Table S3.** Psycholinguistics properties of pre- and post-treatment stimuli probes (with examples) for blending words, blending nonwords, and reading nonwords administered before and after each treatment session.

	<b>Blend Words</b>		<b>Blend Nonwords</b>		<b>Read Nonwords</b>	
<b>Pre-Tx</b>	(bat, cap)		(lut, feg)		(tam, rab)	
<b>1-syllable</b>	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>
<b>Length_Syllable</b>	1.00	0.00	1.00	0.00	1.00	0.00
<b>Length_Phoneme</b>	3.40	0.24	3.40	0.24	3.40	0.14
<b>Length_# of Letters</b>	3.40	0.24	3.40	0.24	3.40	0.14
Frequency	9.36	0.53				
Familiarity	5.54	0.35				
Age of Acquisition	4.55	0.35				
Imageability	6.38	0.28				
<b>2-syllable</b>	(cabin, finger )		(maset, gafa)		(nikot, giba)	
<b>Length_Syllable</b>	2.00	0.00	2.00	0.00	2.00	0.00
<b>Length_Phoneme</b>	5.00	0.45	5.00	0.32	5.00	0.18
<b>Length_# of Letters</b>	5.20	0.37	5.20	0.49	5.00	0.18
Frequency	8.98	0.63				
Familiarity	5.47	0.39				
Age of Acquisition	4.97	0.59				
Imageability	6.57	0.09				
<b>3-syllable</b>	(potato, casino)		(denota, tepina)		(donlap, geneobo)	
<b>Length_Syllable</b>	3.00	0.00	3.00	0.60	3.00	0.00
<b>Length_Phoneme</b>	6.00	0.00	6.00	1.20	7.40	0.29
<b>Length_# of Letters</b>	6.00	0.00	6.00	1.20	7.80	0.28
Frequency	7.57	0.30				
Familiarity	6.50	0.06				
Age of Acquisition	5.14	0.68				
Imageability	6.68	0.04				
<b>Post-Tx</b>	(mug, car)		(vog, pim)		(lug, dris)	
<b>1-syllable</b>	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>	<i>M</i>	<i>SE</i>
<b>Length_Syllable</b>	1.00	0.00	1.00	0.00	1.00	0.00
<b>Length_Phoneme</b>	3.40	0.24	2.80	0.24	3.40	0.24
<b>Length_# of Letters</b>	3.80	0.37	3.80	0.24	3.60	0.24
Frequency	10.09	0.40				
Familiarity	6.30	0.22				
Age of Acquisition	4.49	0.57				
Imageability	6.54	0.17				
<b>2-syllable</b>	(panda, comet)		(tunta, giskel)		(pasak, fobro)	
<b>Length_Syllable</b>	2.00	0.00	2.00	0.00	2.00	0.00
<b>Length_Phoneme</b>	5.00	0.32	4.40	0.24	5.00	0.32
<b>Length_# of Letters</b>	5.40	0.51	5.20	0.20	5.20	0.20
Frequency	7.29	0.53				
Familiarity	5.49	0.50				

Age of Acquisition	5.79	0.70				
Imageability	6.50	0.24				
<b>3-syllable</b>	(corona, domino)		(lepido, rinopa)		(piboro, lomaren)	
<b>Length_Syllable</b>	3.00	0.00	3.00	0.00	3.00	0.00
<b>Length_Phoneme</b>	6.00	0.00	5.40	0.24	7.40	0.51
<b>Length_# of Letters</b>	6.60	0.24	6.00	0.00	7.60	0.51
Frequency	7.36	0.62				
Familiarity	4.76	0.23				
Age of Acquisition	6.04	0.71				
Imageability	6.53	0.05				
<b>T-tests Pre-Tx vs. Post-Tx</b>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>	<i>t</i>	<i>p</i>
<b>Length_Syllable</b>	0.00	1.00	-0.38	0.71	0.00	1.00
<b>Length_Phoneme</b>	0.00	1.00	0.60	0.56	0.00	1.00
<b>Length_# of Letters</b>	-0.60	0.55	-0.34	0.73	0.00	1.00
Frequency	0.99	0.33				
Familiarity	-0.02	0.98				
Age of Acquisition	-1.02	0.32				
Imageability	0.17	0.87				

Length\_Syllable: syllable length, Length\_Phoneme: number of phonemes, Length\_# of Letters: number of letters; Frequency: Freq\_HA, LOG10 version of frequency norms based on the Hyperspace Analogue to Language (HAL) corpus; Familiarity: FAM\_Glasgow, a word's subjective familiarity on a scale 1(unfamiliar) to 7(familiar); Age of Acquisition: AoA\_Kuperman12: The age at which people acquire the word, participants were asked to enter age in years at which they thought that they learned the word.

Imageability: Glasgow scale: degree of effort involved in generating a mental image of the concept on a scale 1(unimageable) to 7(imageable). Psycholinguistic measures extracted from SCOPE South Carolina Psycholinguistic Metabase:

[https://www.sc.edu/study/colleges\\_schools/artsandsciences/psychology/research\\_clinical\\_facilities/scope/search.php](https://www.sc.edu/study/colleges_schools/artsandsciences/psychology/research_clinical_facilities/scope/search.php)