1

2 **Appendix C: Mixed effects linear models predicting gaze duration.**

3

	df$_{Change}$	χ$^2_{Change}$	B	SE B	ß	t	p
Step 1							
constant			164.65	6.48		25.42	
log frequency			-0.86	0.29	-0.017	-3.42	<.01
word length			2.89	0.33	0.041	8.83	<.0001
prevalence			-2.13	0.60	-0.010	-3.56	<.001
screen position			-1.15	0.19	-0.016	-5.95	<.0001
age of acquisition			2.21	0.36	0.022	7.00	<.0001
log perplexity			1.27	0.39	0.031	3.23	<.01
orthographic neighborhood size			-0.12	0.79	-0.006	-1.47	.143
phonological neighborhood size			0.22	0.67	0.012	3.25	<.01
semantic relation			-4.67	3.42	-0.004	-1.19	.23
literariness score			0.78	0.28	0.012	2.80	<.05
Step 2	1	1.415					.234
constant			163.93	6.45		25.41	
log frequency			-0.99	0.27	-0.019	-3.70	<.001
word length			2.87	0.33	0.041	8.80	<.0001
prevalence			-2.11	0.60	-0.010	-3.52	<.001
screen position			-1.14	0.19	-0.016	-5.90	<.0001
age of acquisition			2.23	0.36	0.022	6.18	<.0001
log perplexity			1.28	0.39	0.031	3.25	<.01

	df$_{Change}$	χ²$_{Change}$	B	SE B	ß	t	p
orthographic neighborhood size			-0.11	0.79	-0.006	-1.41	.157
phonological neighborhood size			0.21	0.66	0.012	3.19	<.01
literariness score			0.80	0.28	0.012	2.88	<.01
Step 3	1	2.001					.157
constant			163.44	6.44		25.38	
log frequency			-1.85	0.26	-0.021	-4.19	<.0001
word length			2.92	0.32	0.042	9.72	<.0001
prevalence			-2.30	0.60	-0.010	-3.41	<.0001
screen position			-1.14	0.19	-0.016	-5.93	<.001
age of acquisition			2.27	0.36	0.022	6.30	<.0001
log perplexity			1.28	0.39	0.031	3.25	<.01
phonological neighborhood size			0.17	0.59	0.010	2.86	<.0001
literariness score			0.79	0.28	0.012	2.83	<.05

Note. ß indicates the standardized beta.