Armstrong & Plaut (2016) Replication Analysis on ELP Lexical Decision Data

	invRT				invRT			
Predictors	b	SE	t	p	b	SE	t	p
Polysemy	-0.03 **	0.01	-2.70	0.008				
scale(ZipfFreq_Subtlex)	-0.03 ***	0.01	-5.30	<0.001	-0.04 ***	0.01	-6.65	<0.001
scale(OLD20)	-0.01	0.01	-0.95	0.343	-0.01	0.01	-1.78	0.076
scale(nsyl)	0.01	0.02	0.50	0.615	0.00	0.01	0.37	0.715
scale(nPhon)	-0.00	0.02	-0.29	0.772	-0.00	0.01	-0.23	0.818
scale(Length)	0.01	0.01	0.86	0.390	0.01	0.01	1.69	0.093
scale(famfRes)	-0.02 ***	0.01	-3.81	<0.001	-0.03 ***	0.01	-4.24	<0.001
scale(pRT)	0.08 ***	0.00	40.30	<0.001	0.08 ***	0.00	36.25	<0.001
scale(pACC)	0.01 ***	0.00	4.17	<0.001	0.01 ***	0.00	4.98	<0.001
scale(Trial)	0.00	0.01	0.04	0.964	-0.02	0.01	-1.57	0.118
scale(invDom)					0.01	0.01	1.41	0.160
Random Effects								
$\sigma^2$	0.11				0.11			
$\tau_{00}$	0.00 Word				$0.00~\mathrm{Word}$			
	0.03 <sub>SubjID</sub>				0.04 <sub>SubjID</sub>			
ICC	0.24				0.27			
N	73 <sub>SubjID</sub>				73 <sub>SubjID</sub>			
	185 Word				178 Word			
Observations	30364				26927			
$Marginal \ R^2 \ / \ Conditional \ R^2$	0.058 / 0.286				0.067 / 0.318			

<sup>\*</sup>p<0.05 \*\*p<0.01 \*\*\*p<0.001