

Supplemental Material S4

Experiment 2 - Coefficients of the best fitting model for fixations towards the phonological competitor

Phonological Competitor Fixations ~
Condition · *Group* · (*linear* + *quadratic* + *cubic* + *quartic*) +
Condition · *d'* · (*linear* + *quadratic* + *cubic* + *quartic*) +
(*linear* + *quadratic* + *cubic* + *quartic* | *participant*)

Fixed Effects					
	Estimate	Std. Error	z value	Pr(> z)	
(Intercept)	-3.45	0.53	-6.51	0.00	
linear	-22.92	9.54	-2.40	0.02	
quadratic	0.73	5.65	0.13	0.90	
cubic	-0.54	4.96	-0.11	0.91	
quartic	-4.04	2.58	-1.56	0.12	
d'	-0.65	0.35	-1.83	0.07	
cond_c	-0.54	0.03	-17.12	0.00	
group_CI	0.33	0.95	0.35	0.73	
linear : d'	-10.64	6.39	-1.66	0.10	
quadratic : d'	1.60	3.79	0.42	0.67	
cubic : d'	0.66	3.31	0.20	0.84	
quartic : d'	-2.10	1.73	-1.21	0.22	
linear : cond_c	2.20	0.63	3.51	0.00	
quadratic : cond_c	-3.34	0.66	-5.08	0.00	
cubic : cond_c	-2.59	0.65	-4.01	0.00	
quartic : cond_c	0.76	0.60	1.27	0.20	
d' : cond_c	0.17	0.02	8.82	0.00	
linear : group_CI	-1.92	17.11	-0.11	0.91	
quadratic : group_CI	2.41	10.11	0.24	0.81	
cubic : group_CI	4.51	8.86	0.51	0.61	
quartic : group_CI	-1.50	4.63	-0.32	0.75	
cond_c : group_CI	0.25	0.05	4.66	0.00	
linear : d' : cond_c	1.30	0.37	3.53	0.00	
quadratic : d' : cond_c	2.54	0.37	6.77	0.00	
cubic : d' : cond_c	2.11	0.37	5.68	0.00	
quartic : d' : cond_c	0.28	0.35	0.79	0.43	
linear : cond_c : group_CI	-4.28	1.01	-4.24	0.00	
quadratic : cond_c : group_CI	5.97	1.05	5.72	0.00	
cubic : cond_c : group_CI	5.82	1.03	5.63	0.00	
quartic : cond_c : group_CI	3.43	0.99	3.48	0.00	

Random Effects			
Groups	Name	Variance	Std.Dev.
Participant	(Intercept)	1.429	1.195
	linear	461.086	21.473
	quadratic	159.812	12.642
	cubic	122.728	11.078
	quartic	33.026	5.747
Observations	525,635		
Log Likelihood	−119,043.800		
Akaike Inf. Crit.	238,177.500		
Bayesian Inf. Crit.	238,680.300		