

Supplemental Material S5

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

Semantic 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)	-3.04	0.19	-15.82	0.00
linear	-9.53	3.49	-2.73	0.01
quadratic	-0.71	3.16	-0.22	0.82
cubic	4.04	1.97	2.05	0.04
quartic	-1.79	1.57	-1.14	0.25
d'	0.00	0.13	0.03	0.98
cond_c	0.36	0.03	13.74	0.00
group_CI	0.65	0.35	1.88	0.06
linear : d'	-0.96	2.33	-0.41	0.68
quadratic : d'	1.81	2.11	0.86	0.39
cubic : d'	-0.48	1.31	-0.37	0.71
quartic : d'	-0.04	1.04	-0.04	0.97
linear : cond_c	2.86	0.49	5.81	0.00
quadratic : cond_c	2.49	0.54	4.64	0.00
cubic : cond_c	-4.65	0.52	-8.93	0.00
quartic : cond_c	0.60	0.51	1.17	0.24
d' : cond_c	-0.26	0.02	-14.80	0.00
linear : group_CI	-2.07	6.28	-0.33	0.74
quadratic : group_CI	7.02	5.67	1.24	0.22
cubic : group_CI	-4.94	3.53	-1.40	0.16
quartic : group_CI	-0.41	2.82	-0.15	0.88
cond_c : group_CI	-0.56	0.05	-11.90	0.00
linear : d' : cond_c	-3.04	0.32	-9.50	0.00
quadratic : d' : cond_c	3.61	0.36	10.02	0.00
cubic : d' : cond_c	0.25	0.34	0.73	0.46
quartic : d' : cond_c	-1.98	0.33	-5.98	0.00
linear : cond_c : group_CI	-10.56	0.86	-12.32	0.00
quadratic : cond_c : group_CI	4.29	0.97	4.43	0.00
cubic : cond_c : group_CI	6.64	0.92	7.20	0.00
quartic : cond_c : group_CI	-4.04	0.90	-4.49	0.00

Random Effects			
Groups	Name	Variance	Std.Dev.
Participant	(Intercept)	0.1882	0.4338
	linear	61.7814	7.8601
	quadratic	50.2049	7.0855
	cubic	18.9649	4.3549
	quartic	11.8848	3.4474
Observations	525,635		
Log Likelihood	-119,043.800		
Akaike Inf. Crit.	238,177.500		
Bayesian Inf. Crit.	238,680.300		