Supplemental Material S6

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

Phonological Competitor Fixations ~
Condition · CVC · (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)	-2.63	0.25	-10.33	0.00
linear	-12.30	4.66	-2.64	0.01
quadratic	8.44	3.00	2.81	0.00
cubic	2.85	3.46	0.82	0.41
quartic	-4.96	2.82	-1.76	0.08
d'	-0.21	0.16	-1.30	0.19
cond_c	-0.29	0.04	-7.48	0.00
CVC	0.02	0.01	1.65	0.10
linear : d'	-0.21	2.90	-0.07	0.94
quadratic : d'	4.55	1.86	2.44	0.01
cubic : d'	0.29	2.15	0.14	0.89
quartic : d'	-0.99	1.75	-0.57	0.57
linear : cond_c	-7.45	0.72	-10.37	0.00
quadratic : cond_c	-0.24	0.74	-0.32	0.75
cubic : cond_c	6.95	0.72	9.58	0.00
quartic : cond_c	5.56	0.70	7.99	0.00
d' : cond_c	0.11	0.02	4.96	0.00
linear : CVC	-0.17	0.25	-0.67	0.50
quadratic : CVC	-0.31	0.16	-1.92	0.05
cubic : CVC	-0.07	0.19	-0.36	0.72
quartic : CVC	0.02	0.15	0.15	0.88
cond_c : CVC	0.01	0.00	5.45	0.00
linear : d' : cond_c	-1.54	0.43	-3.61	0.00
quadratic : d' : cond_c	1.71	0.45	3.84	0.00
cubic : d' : cond_c	3.88	0.43	8.96	0.00
quartic : d' : cond_c	0.17	0.42	0.40	0.69
linear : CVC : cond_c	0.64	0.05	13.76	0.00
quadratic : CVC : cond_c	0.26	0.04	5.98	0.00
cubic : CVC : cond_c	-0.53	0.04	-11.88	0.00
quartic : CVC : cond_c	-0.29	0.04	-6.85	0.00

Random Effects			
Groups	Name	Variance	Std.Dev.
Participant	(Intercept)	0.1714	0.414
	linear	57.6032	7.590
	quadratic	23.3659	4.834
	cubic	31.3174	5.596
	quartic	20.5537	4.534
Observations	175,502		
Log Likelihood	$-51{,}776.870$		
Akaike Inf. Crit.	103,643.700		
Bayesian Inf. Crit.	104,097.100		