

Supplemental Material S2. Summary of model fitting.

Model	Term added	AIC	LR test	<i>p</i>
<i>M*</i>	Intercept only (null model)	2731		
<i>M0</i>	<i>M</i> + Participant/Item intercepts	1708	$X^2(2) = 1027$	< .001
<i>M1</i>	<i>M0</i> + age	1704	$X^2(1) = 6.94$	< .01
<i>M2</i>	<i>M1</i> + group	1626	$X^2(1) = 79.4$	< .001
<i>M3</i>	<i>M3</i> + nonword length	1613	$X^2(2) = 17.6$	< .001
<i>M4</i>	<i>M3</i> + CC number	1606	$X^2(2) = 10.6$	< .01
<i>M5</i>	<i>M4</i> + wordlikeness	1602	$X^2(1) = 5.49$	< .05
<i>M6</i>	<i>M5</i> + <i>group:age</i>	1603	$X^2(1) = 1.62$.20
<i>M7</i>	<i>M5</i> + <i>group:nonword length</i>	1605	$X^2(2) = .82$.66
<i>M8</i>	<i>M6</i> + <i>group:CC number</i>	1596	$X^2(2) = 9.64$	< .001
<i>M9</i>	<i>M7</i> + <i>group:Wordlikeness</i>	1598	$X^2(1) = 0.52$.47
<i>M10</i>	<i>M8</i> + <i>nonword length:wordlikeness</i>	1598	$X^2(2) = 2.48$.29
<i>M11</i>	<i>M9</i> + <i>nonword length:CC number</i>	1596	$X^2(2) = 4.41$.11
<i>M12</i>	<i>M10</i> + <i>CC number :wordlikeness</i>	1596	$X^2(1) = 2.11$.15

Note. **M:** model. **AIC:** Akaike information criterion. **CC:** Consonant cluster. **LR:** likelihood ratio. For LR tests and *p* values refer to the comparison between the current model and the last significant model. *LR tests and *p* values are not listed for *M* (null model) as it was not compared to a simpler model.