

Supplemental Material S2. Linear mixed models with hearing status in place of nonword repetition for forward span.

Span	Random intercept	Predictors	<i>t</i>	<i>p</i>
Direction	variance			
Forward	0.77, SD=0.88	Age	0.8	.42
		CTONI-2	3.1	< .01
		Stimulus (digits–objects)*	1.1	.25
		Stimulus (digits–symbols)	–0.7	.52
		Stimulus (objects–symbols)	–1.8	.07
		Rapid digit naming	3.1	< .05
		Hearing status	3.2	< .01
		PPVT	5.4	< .01
		PPVT:stimulus (digits–objects)†	–3.6	< .01
		PPVT:stimulus (digits–symbols)	–4.2	< .01
		PPVT:stimulus (objects–symbols)	–0.53	.59

Note. PPVT = Peabody Picture Vocabulary Test (Dunn & Dunn, 1997); CTONI-2 = Comprehensive Test of Nonverbal Intelligence–Second Edition (Hammill, Pearson, & Wiederholt, 2009). Significant contributors to the model are denoted in bold.

*A minus sign (–) denotes the effect of changing levels of the variable *stimulus*—for example, the variance due to shifting stimuli from digits to objects.

†A colon (:) denotes an interaction term.

References

- Dunn, L. M., & Dunn, L. M. (1997). *Peabody Picture Vocabulary Test–Third Edition*. Circle Pines, MN: AGS.
- Hammill, D. D., Pearson, N. A., & Wiederholt, J. L. (2009). *Comprehensive Test of Nonverbal Intelligence–Second Edition*. Austin, TX: Pro-Ed.