

Supplemental Material S2. Parameter estimates generated by the model and empirical power analysis.

Independent Variable	Mediator	Dependent Variable	Direct Effect (<i>SE</i>)	Indirect Effect (<i>SE</i>)	Total Effect (<i>SE</i>)	Rate of Significance (Power) in Monte Carlo Simulations
Perceptual Bias	--	Vocabulary	.11 (.09)	--	--	.23
Age-Adjusted Perceptual Acuity	--	Vocabulary	.09 (.09)	--	--	.17
Perceptual Bias	Vocabulary	Phonological Awareness	-.10 (.08)	.03 (.03)	-.07 (.08)	.23
Age-Adjusted Perceptual Acuity	Vocabulary	Phonological Awareness	.29 (.10)**	.03 (.03)	.31 (.11)**	.90
Vocabulary	--	Phonological Awareness	.30 (.08)***	--	--	.92
Age-adjusted Perceptual Acuity with Perceptual Bias (covariance)			.06 (.08)			.10

Note: Standardized estimates are provided. Monte Carlo simulation results show the percent of 10,000 simulations with significant coefficients for the direct path ($\alpha = .05$). When the direct path is hypothesized to be significant this value is equivalent to achieved power at the given sample size, and when the direct path is hypothesized to be not significant this value is equivalent to the Type I error rate. *SE* = standard error. Values marked with (*) are significant at $\alpha = .05$, values marked with (**) are significant at $\alpha = .01$, and values marked with (***) are significant at $\alpha = .001$.