

Supplemental Material S1. Variables removed using backward stepwise deletion. SNR as dependent variable.

Fixed Effect	<i>F</i>	<i>df</i>	<i>df_{res}</i>	MSE	<i>p</i>
Mask Type × Age × Inhibitory Control (Scaled)	0.95	1	336	6.21	.33
Age × Inhibitory Control (Scaled)	0.00	1	48	0.00	1
Mask Type × Reading Span (Scaled) × Age	1.32	1	336	8.60	.25
Reading Span (Scaled) × Age	0.92	1	48	6.06	.34
Mask Type × Age	1.97	1	336	12.95	.16
Mask Type × Reading Span (Scaled) × PTA4 (Scaled)	1.95	1	336	12.84	.16
Reading Span (Scaled) × PTA4 (Scaled)	0.04	1	48	0.25	.85
Mask Type × Inhibitory Control (Scaled) × PTA4 (Scaled)	3.00	1	336	19.89	.08
Mask Type × Reading Span (Scaled)	2.37	1	336	15.86	.12
Inhibitory Control (Scaled) × PTA4 (Scaled)	3.57	1	48	24.11	.06

Note. *df* = degree of freedom; MSE = mean squared error.