

**Supplemental Material S2.** Estimated factor loadings and error variances of the working memory variables from the model.

Variable	Central Executive				Focus of Attention/ Visuospatial Sketch Pad				Phonological Storage & Rehearsal/ Phonological Loop				Error Variance		
	Est <sup>a</sup>	SE <sup>b</sup>	p <sup>c</sup>	Std. Est. <sup>d</sup>	Est <sup>a</sup>	SE <sup>b</sup>	p <sup>c</sup>	Std. Est. <sup>d</sup>	Est <sup>a</sup>	SE <sup>b</sup>	p <sup>c</sup>	Std. Est. <sup>d</sup>	Est <sup>a</sup>	SE <sup>b</sup>	Std. Est. <sup>d</sup>
N-Back Auditory	0.39	0.07	.000	.46									0.02	0.00	.79
N-Back Visual	1.00+			.89									0.01	0.00	.22
Number Updating	0.66	0.18	.000	.41									0.06	0.01	.84
Visual Span Running					1.00+			.60					0.30	0.05	.64
Location Span Running					1.01	0.18	.000	.61					0.28	0.04	.63
Visual Span					8.82	1.77	.000	.63					20.00	2.97	.61
Location Span					8.42	1.97	.000	.56					25.43	3.73	.68
Visual-Spatial Binding					4.83	0.83	.000	.59					7.09	1.06	.65
Cross-Modal Binding					3.44	0.7	.000	.53	0.03	0.07	.631	.06	4.98	0.61	.70
Digit Span Running					0.96	0.29	.001	.30	0.07	0.04	.077	.23	1.37	0.13	.82
Phonological Binding					1.48	1.51	.324	.09	0.67	0.23	.003	.44	36.81	5.20	.78
Digit Span									0.63	0.24	.008	.41	38.67	6.08	.83
Nonword Repetition									1.00+			.68	23.02	6.54	.54

*Note.* + indicates the parameter was fixed to identify the model. <sup>a</sup>Est = Unstandardized estimate; <sup>b</sup>SE = Standard error; <sup>c</sup>p-value, an entry of 0 indicates the value was < .001; <sup>d</sup>Std. Est. = Standardized estimate.