*Supplemental Table 1*. Mediation Results for Models with Neurocognition as Proposed Mediator Between Negative Symptoms and Work Functioning at 10, 15, and 20 years

| Path	β	B	*SE*	*p-value*
Prospective Model - 10-year work functioning ($n = 274$)[b]				
$\chi^2 = 10.51$, *df* = 10, *p* = .40; CFI = 1.00; RMSEA = .01				
Indirect effect through processing speed: z = -.37, SE = .12, 95% CI [-.63, -.15]				
Indirect effect through general knowledge: z = -.07, SE = .06, 95% CI [-.20, .02]				
2-year negative symptoms → 2-year poverty of speech[a,c]	.75	1.00	--	--
2-year negative symptoms → 2-year flat affect[a]	.57	1.12	.21	<.001
2-year negative symptoms → 2-year psychomotor retardation[a]	.78	.51	.08	<.001
2-year negative symptoms → 10-year work functioning	.05	.12	.25	.64
2-year negative symptoms → 4.5-year processing speed	-.40	-7.29	1.94	<.001
2-year negative symptoms → 4.5-year general knowledge	-.30	-2.32	.82	.005
4.5-year processing speed →10-year work functioning	.37	.05	.01	<.001
4.5-year general knowledge → 10-year work functioning	.09	.03	.02	.27
2-year positive symptoms → 10-year work functioning	-.20	-.40	.15	.006
Prospective Model - 15-year work functioning ($n = 269$)[b]				
$\chi^2 = 9.20$, *df* = 10, *p* = .51; CFI = 1.00; RMSEA = .00				
Indirect effect through processing speed: z = -.21, SE = .09, 95% CI [-.41, -.06]				
Indirect effect through general knowledge: z = -.02, SE = .07, 95% CI [-.18, .12]				
2-year negative symptoms → 2-year poverty of speech[a,c]	.76	1.00	--	--
2-year negative symptoms → 2-year flat affect[a]	.57	1.16	.21	<.001
2-year negative symptoms → 2-year psychomotor retardation[a]	.78	.51	.08	<.001
2-year negative symptoms → 15-year work functioning	-.20	-.43	.27	.11
2-year negative symptoms → 4.5-year processing speed	-.39	-6.96	1.93	<.001
2-year negative symptoms → 4.5-year general knowledge	-.30	-2.24	.81	.006
4.5-year processing speed →15-year work functioning	.22	.03	.01	.03
4.5-year general knowledge → 15-year work functioning	.04	.01	.03	.70
2-year positive symptoms → 15-year work functioning	-.27	-.55	.17	.001
Prospective Model - 20-year work functioning ($n = 268$)[b]				
$\chi^2 = 9.82$, *df* = 10, *p* = .46; CFI = 1.00; RMSEA = .00				
Indirect effect through processing speed: z = -.21, SE = .09, 95% CI [-.42, -.06]				
Indirect effect through general knowledge: z = -.05, SE = .08, 95% CI [-.21, .10]				
2-year negative symptoms → 2-year poverty of speech[a,c]	.77	1.00	--	--
2-year negative symptoms → 2-year flat affect[a]	.56	1.14	.21	<.001
2-year negative symptoms → 2-year psychomotor retardation[a]	.78	.50	.08	<.001
2-year negative symptoms → 20-year work functioning	-.26	-.57	.30	.06
2-year negative symptoms → 4.5-year processing speed	-.40	-7.10	1.91	<.001
2-year negative symptoms → 4.5-year general knowledge	-.32	-2.34	.80	.004
4.5-year processing speed →20-year work functioning	.25	.03	.01	.02
4.5-year general knowledge → 20-year work functioning	.05	.02	.03	.61
2-year positive symptoms → 20-year work functioning	.01	.02	.19	.91
[a]Loadings are for observed negative symptom subscales on the latent negative symptoms indicator [b]193 participants participated in the 10-year follow-up, 151 participated in the 15-year follow-up, and 134 in the 20-year follow-up; FIML was used to estimate missing data [c]Regression weight set at 1.				
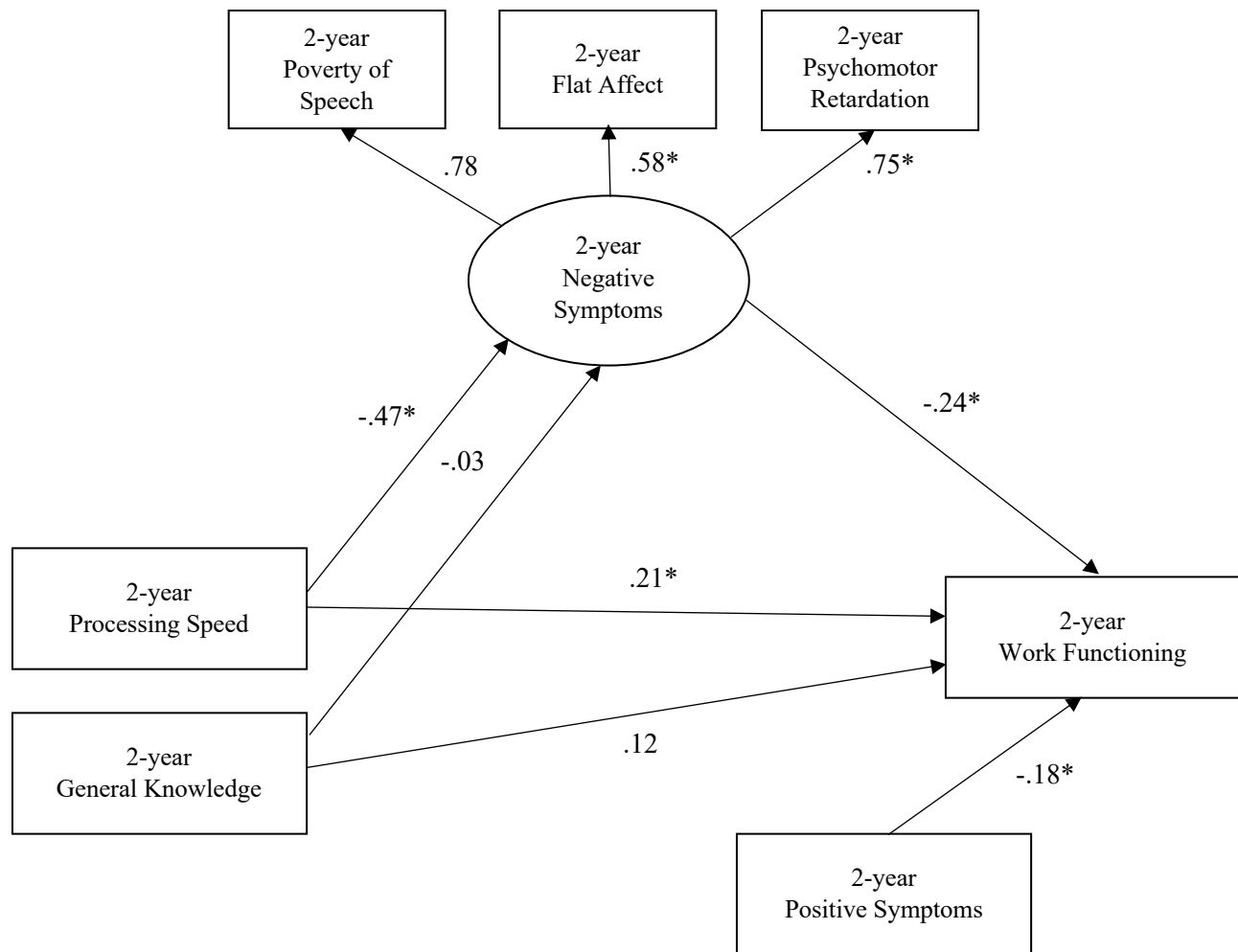
Supplemental Figure 1. Model testing mediating effects of 2-year negative symptoms in associations between 2-year neurocognition and 2-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p < .05.
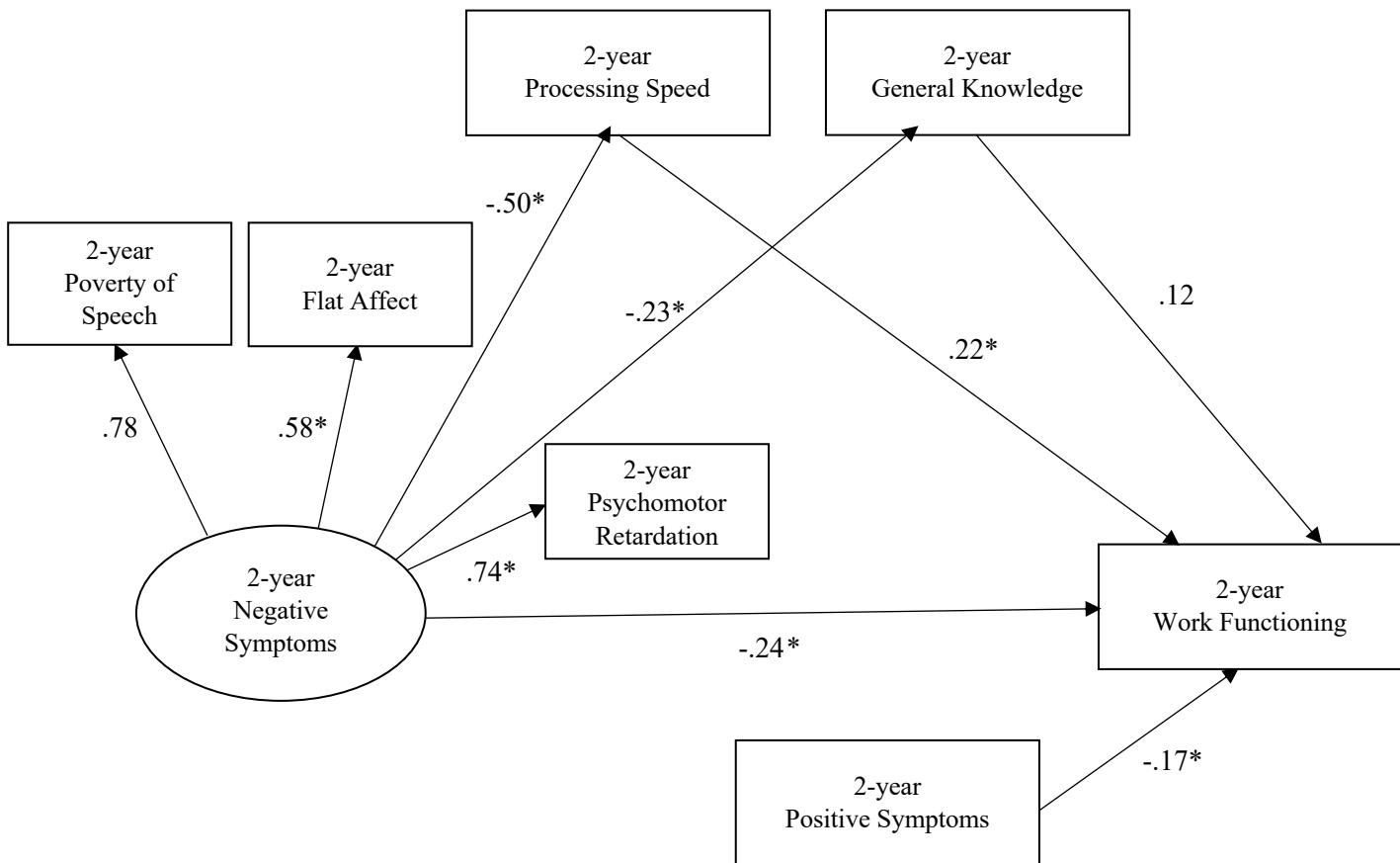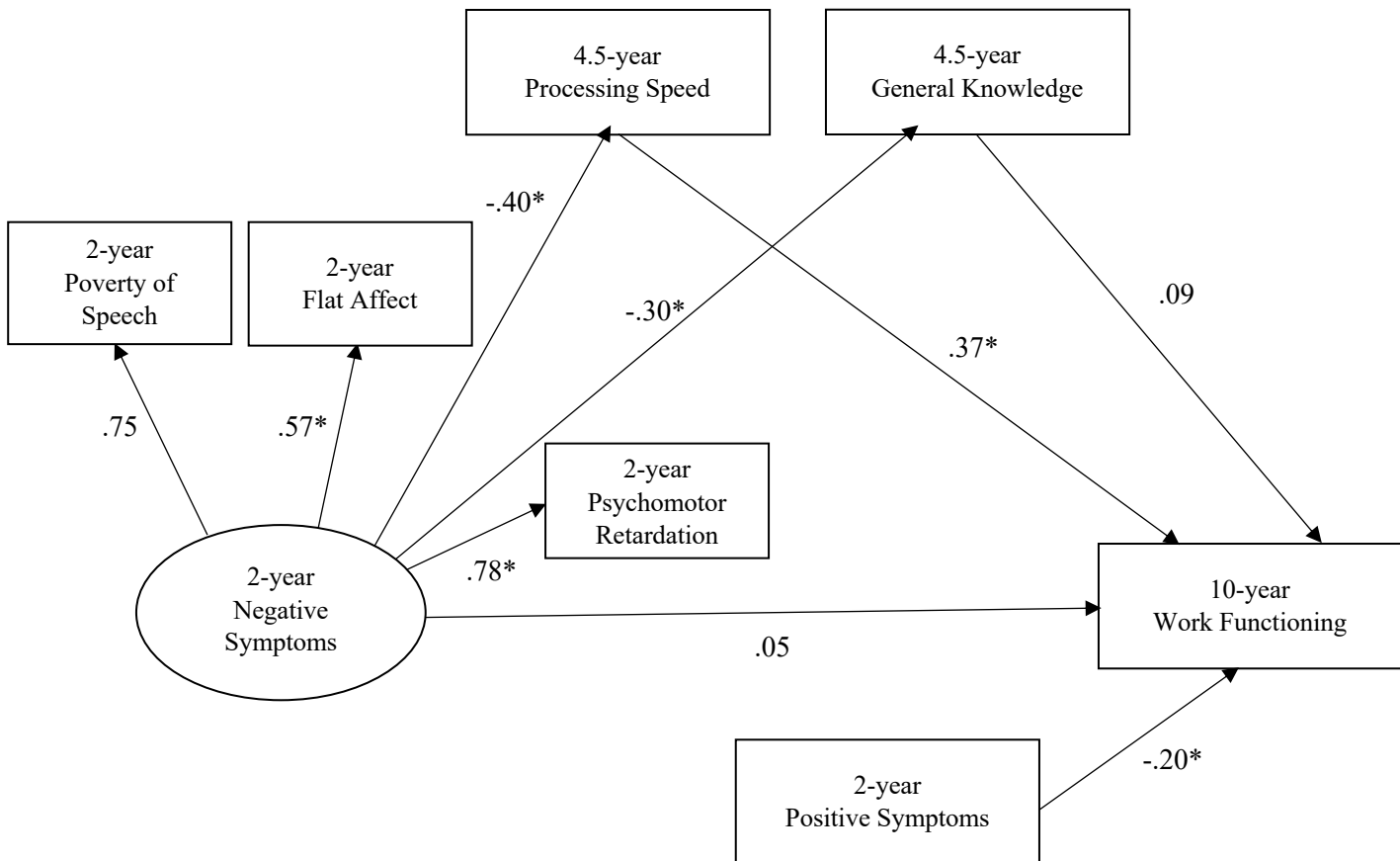
Supplemental Figure 2. Model testing mediating effects of 2-year neurocognition in association between 2-year negative symptoms and 2-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p* < .05.
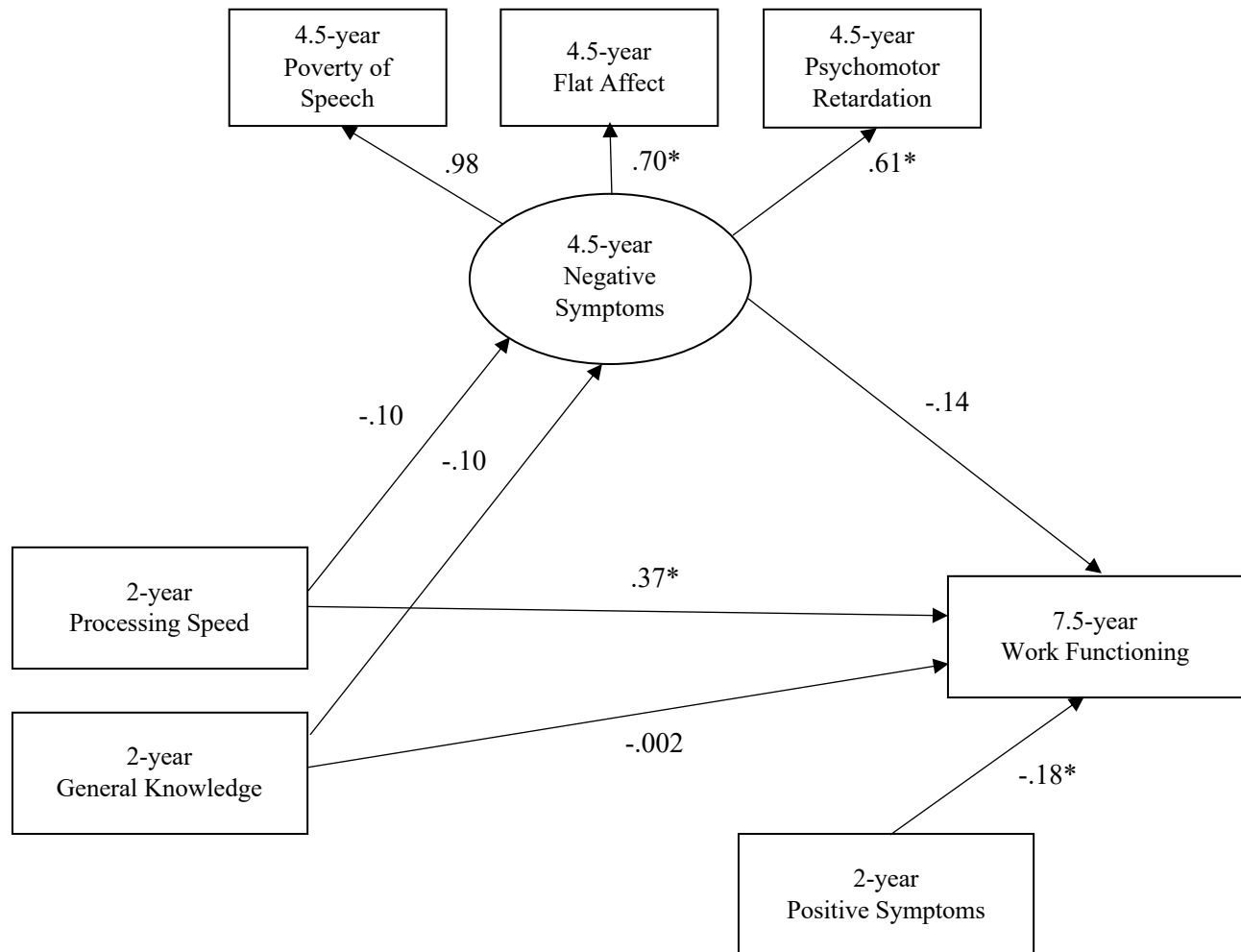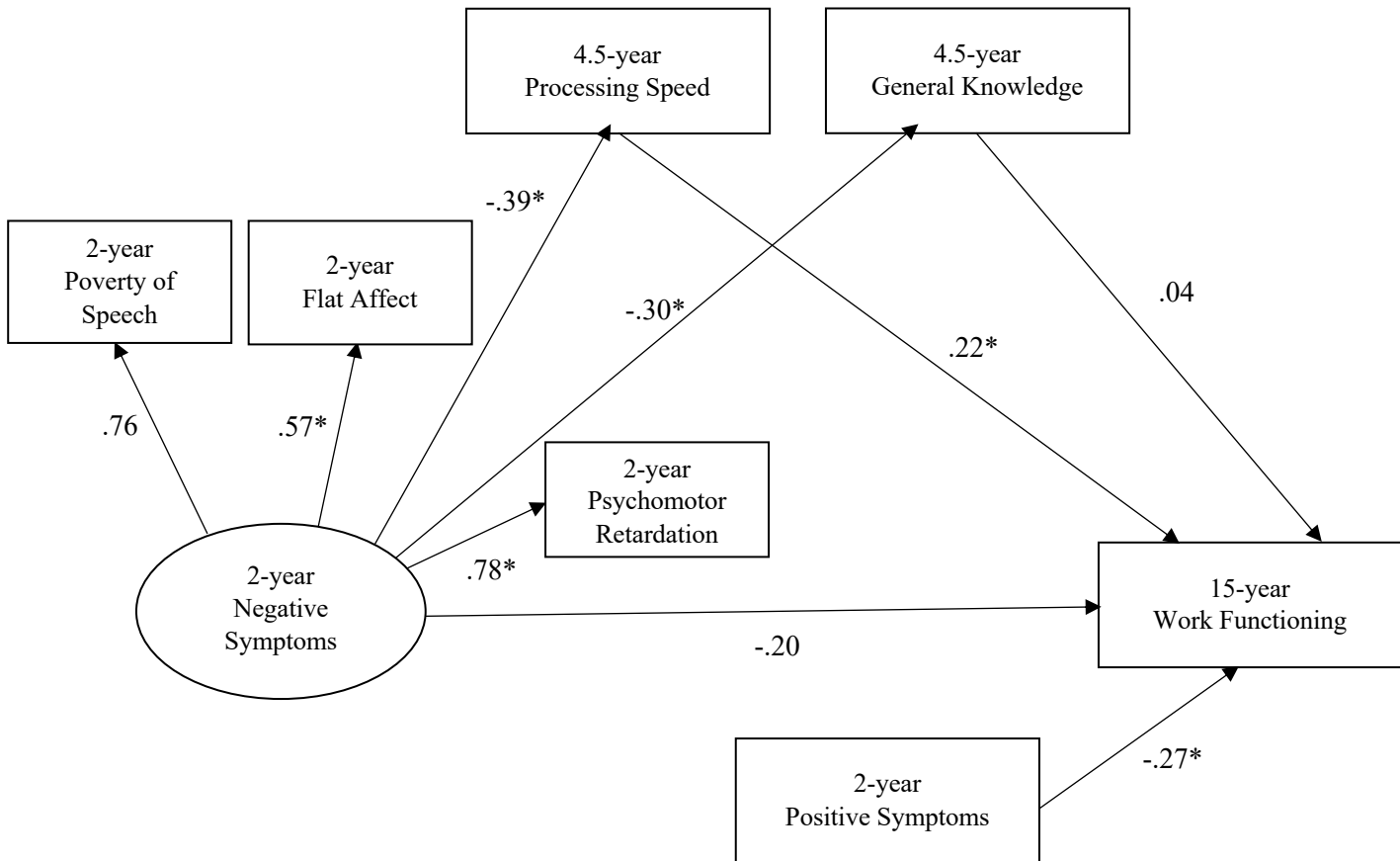
Supplemental Figure 3. Model testing mediating effects of 4.5-year negative symptoms in associations between 2-year neurocognition and 7.5-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p < .05.
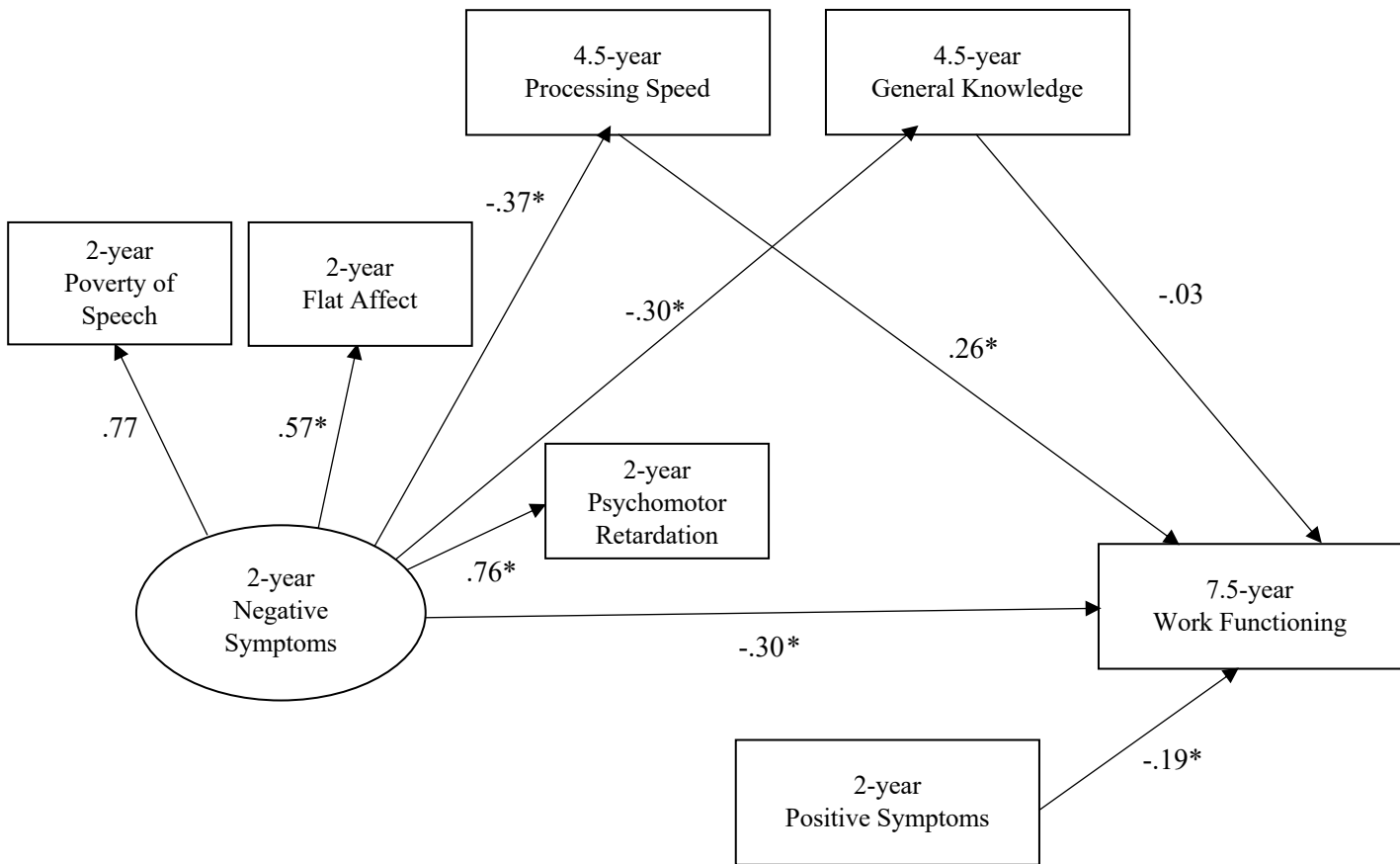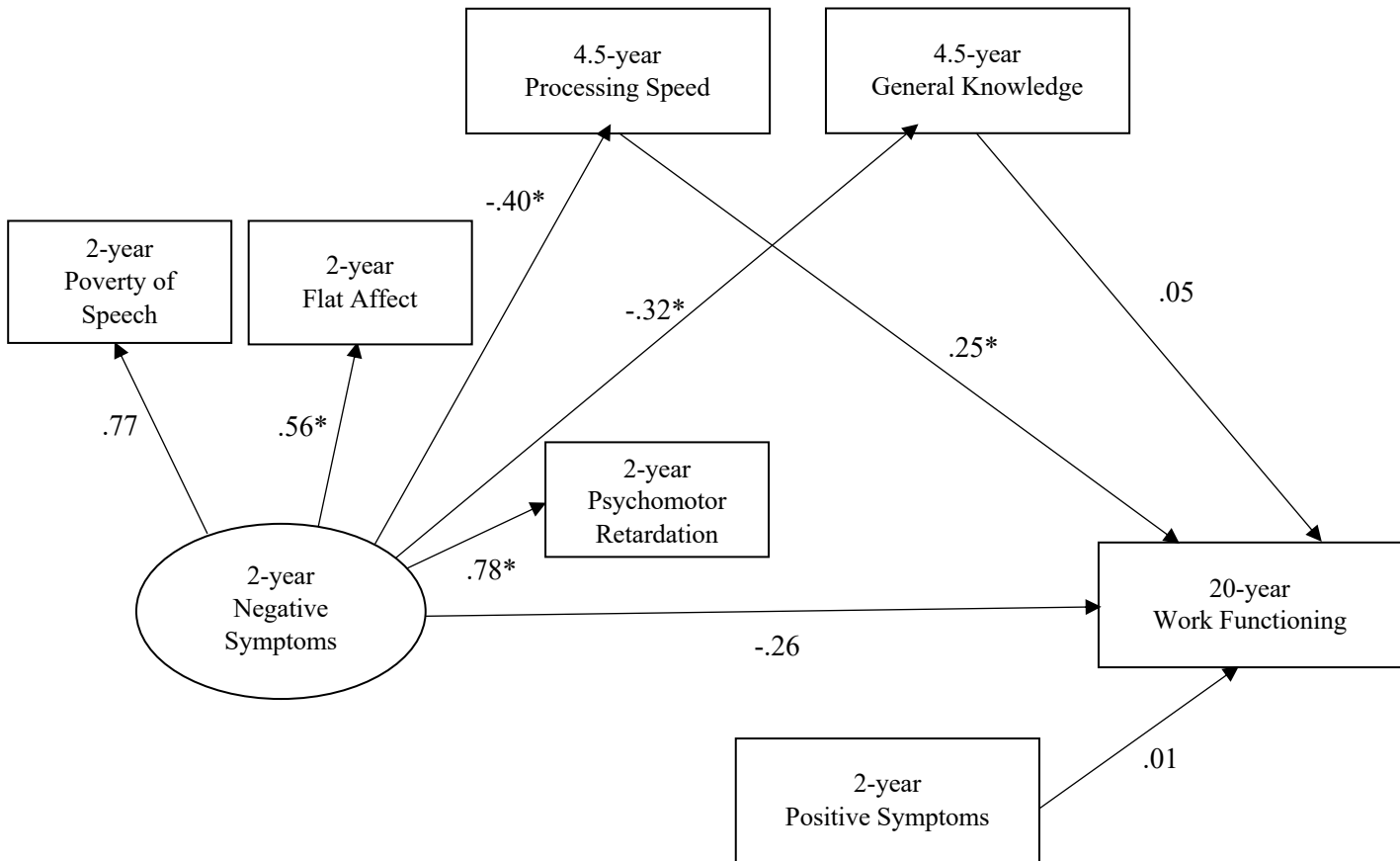
Supplemental Figure 4. Model testing mediating effects of 4.5-year neurocognition in association between 2-year negative symptoms and 7.5-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p* < .05.

Supplemental Figure 5. Model testing mediating effects of 4.5-year neurocognition in association between 2-year negative symptoms and 10-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p < .05.

Supplemental Figure 6. Model testing mediating effects of 4.5-year neurocognition in association between 2-year negative symptoms and 15-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p < .05.

Supplemental Figure 7. Model testing mediating effects of 4.5-year neurocognition in association between 2-year negative symptoms and 20-year work functioning. All coefficients are standardized. For clarity, covariances and error terms are not depicted. *p* < .05.