

Table 4: Association between Glu levels and cognitive ability by region.

Cognitive Domain	dIPFC Glu			Hippocampal Glu		
	β (p-value)	Bootstrapped		β (p-value)	Bootstrapped	
		95% CI			95% CI	
		LL	UL		LL	UL
Episodic Memory	-0.06 (0.65)	-0.26	0.13	0.17 (0.18)	-0.06	0.38
Working Memory	0.01 (0.96)	-0.19	0.17	0.26 (0.02)	0.08	0.42
Processing Speed	0.13 (0.33)	-0.10	0.43	-0.02 (0.88)	-0.25	0.22

Note: Standardized estimates within the structural equation model are reported with respect to latent cognitive domain constructs. Coefficients were bootstrapped with bias-correction to produce 95% confidence intervals (CI), reported with lower and upper level (LL, UL).