

Cognitive Domain	Neuropsychological Test	Thalamic 'Prefrontal' Region to ACC FC		Thalamic 'Primary Motor' Region to ACC FC	
		Right	Left	Right	Left
Processing Speed	Trail Making Test B (s)	0.294 (0.082)	0.233 (0.172)	0.229 (0.179)	0.281 (0.100)
	Stroop Colour Naming & Word Reading Composite Score (s)	-0.017 (0.921)	-0.090 (0.599)	0.074 (0.667)	0.054 (0.753)
Executive Function	Stroop Inhibition (s)	-0.002 (0.991)	-0.094 (0.587)	0.115 (0.506)	0.025 (0.883)
	Stroop Inhibition-Switching (s)	0.150 (0.382)	0.046 (0.789)	0.178 (0.298)	0.127 (0.460)
	Stroop Inhibition-Switching vs Baseline Contrast (s)	0.181 (0.291)	0.078 (0.651)	0.177 (0.303)	0.131 (0.450)
Memory	PT Delayed Recall	0.113 (0.511)	0.197 (0.249)	0.038 (0.826)	0.043 (0.803)

Supplementary Table 2. Relationship between neuropsychological measures and thalamic to anterior cingulate cortex (ACC) functional connectivity (FC) in TBI patients, using Spearman's rank-order approach (Rho). Peoples test (PT). Seconds (s).