

On-line Table 1: Tests/subtests and their corresponding measures of executive function

Test Name	Test/Subtest		Measure of Executive Function
D-KEFS	Verbal Fluency	Letter Fluency	Cognitive efficiency, generative naming, initiation, verbal fluency, shifting, mental flexibility; spontaneously and efficiently using a strategy and generating ideas
		Category Switching	
	Color-Word	Inhibition	Cognitive efficiency, inhibition, switching, mental flexibility, speed of processing
CPT3		Inhibition/Switching	
	Sorting	Confirmed Correct Sorts	Problem-solving, concept formation
	Omission Errors		Sustained attention

On-line Table 2: Means and SDs (in parentheses) for the DTI indices for the left and right thalamocortical pathways by group and multivariate and between-subject effects

Group	Left Thalamocortical						Right Thalamocortical					
	FA	MD	AD	RD	FA	MD	AD	RD	FA	MD	AD	RD
HC ($n = 27$)	4.73×10^{-1} (2.70 $\times 10^{-2}$)	7.49×10^{-4} (2.50 $\times 10^{-5}$)	1.17×10^{-3} (3.50 $\times 10^{-5}$)	5.39×10^{-4} (3.00 $\times 10^{-5}$)	4.56×10^{-1} (2.29 $\times 10^{-2}$)	7.30×10^{-4} (2.40 $\times 10^{-5}$)	1.12×10^{-3} (2.80 $\times 10^{-5}$)	5.37×10^{-4} (3.00 $\times 10^{-5}$)				
Left FLE ($n = 13$)	4.75×10^{-1} (3.26 $\times 10^{-2}$)	7.49×10^{-4} (1.80 $\times 10^{-5}$)	1.17×10^{-3} (2.90 $\times 10^{-5}$)	5.37×10^{-4} (2.70 $\times 10^{-5}$)	4.66×10^{-1} (2.70 $\times 10^{-2}$)	7.41×10^{-4} (2.40 $\times 10^{-5}$)	1.15×10^{-3} (2.70 $\times 10^{-5}$)	5.37×10^{-4} (2.90 $\times 10^{-5}$)				
Right FLE ($n = 9$)	4.68×10^{-1} (3.09 $\times 10^{-2}$)	7.58×10^{-4} (2.70 $\times 10^{-5}$)	1.17×10^{-3} (3.80 $\times 10^{-5}$)	5.50×10^{-4} (3.30 $\times 10^{-5}$)	4.61×10^{-1} (2.70 $\times 10^{-2}$)	7.33×10^{-4} (1.90 $\times 10^{-5}$)	1.14×10^{-3} (3.90 $\times 10^{-5}$)	5.33×10^{-4} (2.20 $\times 10^{-5}$)				
Left TLE ($n = 10$)	4.78×10^{-1} (3.49 $\times 10^{-2}$)	7.47×10^{-4} (1.50 $\times 10^{-5}$)	1.17×10^{-3} (4.30 $\times 10^{-5}$)	5.37×10^{-4} (2.30 $\times 10^{-5}$)	4.62×10^{-1} (2.82 $\times 10^{-2}$)	7.33×10^{-4} (2.00 $\times 10^{-5}$)	1.13×10^{-3} (4.10 $\times 10^{-5}$)	5.35×10^{-4} (2.10 $\times 10^{-5}$)				
Right TLE ($n = 4$)	4.65×10^{-1} (2.69 $\times 10^{-2}$)	7.49×10^{-4} (1.90 $\times 10^{-5}$)	1.14×10^{-3} (1.90 $\times 10^{-5}$)	5.54×10^{-4} (2.50 $\times 10^{-5}$)	4.47×10^{-1} (1.60 $\times 10^{-2}$)	7.27×10^{-4} (2.30 $\times 10^{-5}$)	1.11×10^{-3} (1.90 $\times 10^{-5}$)	5.38×10^{-4} (2.60 $\times 10^{-5}$)				
Multivariate effect $\Delta (P)$				.70 (18)				.70 (19)				
Between-subject effect $F (P)$	.22 (.93)	.34 (.85)	.80 (.53)	.57 (.68)	.66 (.62)	.57 (.69)	2.54 (.05)	.04 (.99)				

Note:—FA indicates fractional anisotropy; AD, axial diffusivity.