

Table 3: Ultrasound index of atherosclerosis (ATHUS) score and other neuropsychological tests in the 105 multiple sclerosis patients. ATHUS ≥ 1 is associated with worse performance in all neuropsychological tests.

ATHUS Score	Verbal fluency		Osterreith Complex Figure		Greek Verbal Learning Test		Trail Making	
	p	0.001	0.001	0.001	0.001	0.001	0.001	
	Normal	Abnormal	Normal	Abnormal	Normal	Abnormal	Normal	Abnormal
Normal =0	55	28 (33.7 %)	64	19 (22.9 %)	61	22 (26.5 %)	65	18 (21.7 %)
Abnormal ≥ 1	6	16 (72.7 %)	9	3 (59.1 %)	8	14 (63.6 %)	8	14 (63.6 %)
	61	44	73	32	69	36	73	32

ATHUS: atherosclerotic ultrasonic score. Pearson Chi-Square show statistical significance for all nominal neuropsychological tests. A p-value <0.05 was considered significant.