

On-line Table: Univariate comparison of the nonimpaired and impaired groups

Parameter	SDMT			COWAT			PASAT		
	Nonimpaired (n = 14)	Impaired (n = 22)	P Value	Nonimpaired (n = 27)	Impaired (n = 9)	P Value	Nonimpaired (n = 20)	Impaired (n = 15)	P Value
NAWM rR	0.066 ± 0.011	0.055 ± 0.009	.007 ^a	0.062 ± 0.009	0.051 ± 0.007	.008 ^a	0.063 ± 0.011	0.054 ± 0.007	.024 ^a
Age, y	56.6 ± 6.2	58.3 ± 12.1	.687	57.7 ± 10.5	53.5 ± 10.0	.391	54.5 ± 5.7	56.8 ± 8.9	.421
Sex (% men, male/total)	36 (5/14)	36 (8/22)	.983	41 (11/27)	33 (3/9)	.334	35 (7/20)	33 (5/15)	.983
Education, y	16.2 ± 2.3	15.3 ± 2.6	.367	15.7 ± 2.8	14.8 ± 1.5	.379	16.1 ± 2.5	15.3 ± 2.2	.434
Duration, y	16.5 ± 6.1	21.1 ± 13.1	.550	18.9 ± 8.8	19.3 ± 11.4	.922	17.4 ± 6.4	20.6 ± 10.3	.340
Beck Depression Index median (1st to 3rd quartile range)	6 (5–13)	10 (7–13)	.380	8 (5–10)	9 (2–13)	.624	7 (5–11)	9 (6–11)	.554
EDSS median (1st to 3rd quartile range)	6.0 (5.5–6.5)	6.5 (6.0–6.5)	.320	6.5 (6.0–7.0)	6.5 (6.0–7.5)	.395	6.0 (5.6–6.5)	6.5 (6.0–7.0)	.496
Brain parenchymal fraction	81.9 ± 3.9	80.1 ± 4.3	.280 ^a	80.4 ± 4.3	79.9 ± 4.7	.802	81.9 ± 4.5	80.0 ± 4.2	.267 ^a
WM fraction	38.0 ± 3.3	36.6 ± 2.9	.270 ^a	37.1 ± 2.6	35.0 ± 3.0	.108 ^a	37.7 ± 3.2	36.5 ± 3.1	.297 ^a
WM lesion fraction	0.6 ± 0.7	1.5 ± 1.0	.020 ^a	1.1 ± 1.0	2.6 ± 1.6	.014 ^a	0.9 ± 1.0	1.8 ± 1.0	.033 ^a
Gray matter fraction	41.4 ± 1.5	41.0 ± 2.9	.710	40.8 ± 2.6	42.5 ± 2.2	.169 ^a	41.8 ± 2.2	41.0 ± 3.0	.971

Note:—Values are mean ± SD unless specifically mentioned.

PASAT indicates Paced Auditory Serial Addition Test; SDMT, Symbol Digit Modalities Test; COWAT, Controlled Word Association Test; EDSS, Expanded Disability Status Scale.

^a Potentially confounding factors showing $P < .3$ in the univariate analysis were included in the multivariate logistic model.