



Intraindividual Variability Across Neuropsychological Tests: Dispersion and Disengaged Lifestyle Increase Risk for Alzheimer's Disease

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Group differences on neuropsychological tests between the health control (HC), amnesic Mild Cognitive Impairment (a-MCI) and Alzheimer's Disease (AD) groups. Standard deviations are presented in parentheses. Post-hoc comparisons are based on Tukey's HSD.

	HC	a-MCI	AD
MAT 1	48.39 (7.92)	49.24 (10.71)	59.29 (11.38) *+
MAT 2	50.06 (9.70)	49.05 (10.70)	54.81 (7.23)
MAT 3	52.60 (8.82)	49.78 (9.58)	39.56 (9.62) *+
Digit Span Foreword	52.74 (10.51)	49.40 (8.62)	40.24 (3.31) *
Digit Span Backward	51.86 (9.45)	50.87 (9.27)	39.16 (7.94) *+
3MS	55.21 (3.61)	49.72 (5.45) *	28.59 (11.16) *+
NAART	54.17 (8.13)	47.84 (7.97) *	39.51 (13.16) *
Trail Making Test A	46.90 (4.03)	49.98 (4.32)	63.36 (23.74) *+
Trail Making Test B	45.41 (3.47)	48.99 (5.30) *	73.00 (8.90) *+
RAVLT Total	57.02 (6.58)	46.00 (4.52) *	33.06 (6.31) *+
RAVLT A6	57.54 (6.65)	44.09 (5.96) *	37.11 (3.23) *+
RAVLT A7	57.47 (6.53)	43.76 (6.89) *	38.51 (2.15) *
Benton VRT	54.96 (3.12)	48.73 (7.44) *	32.91 (15.70) *
Digit Symbol	54.96 (8.26)	47.95 (7.23) *	35.47 (7.73) *+
Block Design	50.85 (8.77)	51.68 (9.54) *	40.84 (12.20) *
Similarities	53.57 (5.76)	51.93 (4.17)	42.22 (15.56)
Word Fluency	54.11 (7.12)	48.11 (10.69)	39.77 (8.49) *
Animal Fluency	54.50 (8.67)	48.56 (7.34) *	35.44 (7.02) *
ALQ Total	53.94 (7.57)	48.08 (8.97)	40.01 (14.08) *

Note: * $p < 0.05$ for HC contrast; + $p < 0.05$ for a-MCI contrast.