

Supplementary Table 1: Definition of cognitive domains and neurocognitive parameters.

Cognitive domain (DSM-5)	Cognitive subdomains (DSM-5)	Neurocognitive parameter	Task (scale of measurement)
Learning and memory	Visual Immediate memory span	SPT	Recalling objects immediately (number of correct items)
		BTT	Tapping blocks in a given order (span forward)
	Visual free recall	SPT	Recalling objects after delay (number of correct items)
	Visual recognition memory	SPT	Recognising between learned and new objects (number of correct items)
	Verbal Immediate memory span	RAVLT	Recalling items on a word list (number of correct items, first trial)
	Verbal free recall	RAVLT	Recalling items on a word list (summarised number of correct items, learning trials)
		RAVLT	Recalling items on a word list (number of correct items, short delay)
		RAVLT	Recalling items on a word list (number of correct items, long delay)
Complex attention	Verbal recognition memory	RAVLT	Recognising between learned and new words (number of correct items)
	Selective attention	TMT-A (speed)	Linking numbers in ascending order (seconds)
Executive functions	Verbal working memory	LNS	Mental reorganisation of letters and numbers (span)
	Visual working memory	BTT	Tapping blocks in a given order (span backward)

	Cognitive flexibility	TMT-B (speed)	Linking numbers and letters in alternate order (seconds)
	Inhibition	SPT	Naming interfering letter e.g. “S” instead of “T” (seconds)
Language	Word fluency	RWT (phonetic)	Naming words with a specific initial letter (number of correct items)
		RWT (semantic)	Naming words from a specific category (number of correct items)
Perceptive motoric	Visuoconstructive ability	3D-figure (MOCA)	Correctly drawn reproduction of a three-dimensional figure

Abbreviations: DSM: Diagnostic and Statistical Manual of Mental Disorder; SPT: Short Performance Test; BT: Block-Tapping Test; RAVLT: Rey Auditory Verbal Learning and Memory Test; TMT: Trail Making Test; LNS: Letter Number Span; RWT: Regensburger Word Fluency Test; MOCA: Montreal Cognitive Assessment.