

Table S1: Battery of neuropsychological (NP) tests used

NP Test	Test description	Cognitive domain tested
Mini mental state exam[1]	A widely acceptable 30-point questionnaire used for screening of dementia.	Global cognition
Digit span[2]	The participants were presented with a series of digits, which they repeated. If successful, they were given a longer list. The length of the longest list repeated was recorded. An average of the forward and backward digit span was taken.	Working memory
Logical memory I and logical memory II[2]	A short story was narrated. The participants were asked to recall the story immediately after hearing it (logical memory I) and 20 minutes later (logical memory II).	Immediate memory and retrieval from verbal short-term memory storage
Category fluency[3]	Participants named as many words as possible from two categories; animals and vegetables in 60 seconds respectively. The average of the 2 was taken as a composite score for category fluency.	Verbal Fluency
Trail making tests[4]	In trail making A, the participants connected 25 consecutive numbered targets in a sequential order. In trail making B, they alternated between numbers and letters. The 2 scores were averaged.	Attention, processing speed, motor speed and visual scanning
Digit symbol test[5]	The participants matched corresponding symbol for a row of digits as fast as possible. The number of correct symbols within 90 seconds was measured.	Executive function, problem solving, processing speed and concentration
Block design[2]	The participants rearranged blocks with different color patterns on different sides to match a given pattern.	Special visualization and motor skill
Stroop test[6]	In the first step, the participants named the written color name (which differed from the color it is printed in). Then they named the color it is printed in (which differed from the color written).	Attention and processing speed
Free and cued recall[7]	The participants were asked to search a card containing four pictures for an item in a unique category cue. They identified the items and recalled them. This was done for 16 items. They	Visual perception and memory

	<p>then had 3 trials of recall, each with free recall followed by cued recall for items not retrieved. The sum of free recall from the 3 trials was recorded.</p>	
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Additional References:

References [1-7] describe the NP tests, while [8-11] describe DTI measurement

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