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| **Supplementary Table 1**. *Neuropsychological Assessment* |
| Cognitive Domains\* | Neuropsychological Test | Subtest | Outcome measure | Cognitive Function |
| **ATTENTION****WORKING MEMORY** | Digit Test (Wechsler Adult Intelligence Scale, version-IV) | Digit forward | Sum of correct responses | Selective attention |
|  | Digit backward | Sum of correct responses | Verbal Working Memory |
| **VERBAL MEMORY** | Rey Auditory Verbal Learning Test (RAVLT) | First Trial | Sum of trial 1 | Short term auditory-verbal memory |
|  | Immediate recall | Sum of trial 1 to 5 | Verbal learning |
|  | Delayed recall | Sum of trial 6, after 25-30’  | Long-term auditory-verbal memory |
| **EXECUTIVE FUNCTION** | Trail Making Test (TMT) | Part A (TMT-A) | Time taken to complete the test | Cognitive processing speed |
|  | Part B (TMT-B) | Time taken to complete the test | Set-shifting ability |
| Digit Symbol Substitution Test (DSST; WAIS-IV) | - | Sum of correct responses | Motor speed, attention and visuoperception  |
| Wisconsin Card Sorting Test (WCST) | - | Number of categories completed | Categorization and shifting abilities |
| **VERBAL ABILITY** | Category Fluency | Animals | Sum of correct responses | Semantic verbal fluency |
| Phonemic Fluency | PMR | Sum of correct responses | Phonemic verbal fluency |
| Similarities subtest (WAIS-IV) | - | Sum of correct responses | Logical thinking and verbal abstract reasoning |
| \*Cognitive domains were based on a Principal Component Analysis (PCA).  |