Table S1: Neuropsychological assessment of PD patients with cognitive impairment indicative for Parkinson’s disease dementia (PDD) who were rated by their caregivers as having an ADL impairment (ADL-) or not (ADL+) after the exclusion of patients with major depression (n=2 ADL+, n=5 ADL-)

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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **No ADL impairment (ADL+)** |  | **ADL****impairment (ADL-)** | **ADL+****vs.****ADL-** |
|  |  | **n** | **values** | **n** | **values** | **p** |
| *Minimental State Examination* | screening | 10 | 24.5 (19-25) | 13 | 24 (15-25) | 0.74 |
| *PANDA* | screening | 10 | 16.50 (9-26) | 13 | 9.00 (7-17) | **0.01** |
| *Tower of London*  | problem solving | 10 | 10 (0-35) | 13 | 8 (0-51) | 0.25 |
| *Consortium to Establish a Registry for Alzheimer's Disease* |  |  |  |  |  |  |
| Verbal fluency | word generation | 10 | 4.5 (1-76) | 13 | 16 (0-90) | 0.20 |
| Boston Naming Test | naming | 10 | 5 (0-76) | 13 | 8 (0-95) | 0.55 |
| Word-list memory | memory | 10 | 5.5 (0-42) | 13 | 3 (0-86) | 0.98 |
| Word-list recall | memory | 10 | 21 (1-86) | 13 | 13 (0-69) | 0.59 |
| Word-list recognition | memory | 10 | 3.5 (0-21) | 13 | 12 (0-86) | 0.20 |
| Word-list intrusion | memory | 10 | 3.0 (0-79) | 13 | 3 (0-82) | 0.92 |
| Praxis | visuo-construction | 10 | 4 (0-86) | 13 | 0 (0-24) | **0.043** |
| Praxis-Delay | visuo-construction/memory | 10 | 16.5 (0-84) | 13 | 0 (0-12) | **0.006** |
| Trail Making Test, Part A | psychomotor speed | 10 | 5 (0-62) | 13 | 2.0 (0-38) | 0.38 |
| Trail Making Test, Part B | set shifting | 10 | 0 (0-58) | 13 | 0 (0-66) | 0.84 |
| *Wechsler Memory Scale Revised* |  |  |  |  |  |  |
| Logical Memory I | Memory | 10 | 2.5 (1-12) | 13 | 3 (1-70) | 0.48 |
| Logical Memory II | Memory | 10 | 2.5 (0-47) | 13 | 5.0 (0-68) | 0.79 |
| *Nuernberger-Alters-Inventory* |  |  |  |  |  |  |
| Digit span | Memory | 10 | 27 (4-56) | 13 | 56 (4-100) | 0.15 |
| Figure Test | visuo-spatial/memory | 10 | 20.5 (0-82) | 13 | 20 (0-88) | 0.57 |
| *Visual Object and Space Perception Battery* |  |  |  |  |  |  |
| Object decision | visuo-spatial | 10 | 42.9 (3.6-100) | 13 | 7.1 (2.4-47.6) | 0.07 |
| *Berlin Apraxia Test* | praxis/executive function | 10 | 30.5 (21-38) | 13 | 33.0 (20-39) | 0.27 |
| *Test for Attentional Performance* |  |  |  |  |  |  |
| Alertness-no cue, Median | attention/alertness | 10 | 5.5 (0-46) | 13 | 1.5 (0-50) | 0.07 |
| Alertness-with cue, Median | attention/alertness | 10 | 5.5 (0-50) | 13 | 2.0 (0-31) | 0.23 |
| Go-Nogo, Median | directed attention | 10 | 15.5 (0-66) | 13 | 2.0 (0-54) | 0.06 |