**Table S3.** Comparison of cognitive test results (z-scores), overall cognition, cognitive failures questionnaire, and ISAcog between controls, PD-NC and PD-MCI.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | ControlsN=30 | PD-NCN=40 | PD-MCIN=23 |  | p |
| Domain: Attention |  |  |  |  |  |
| Digit span forwards | 0.81 ± 0.85¥,§ | 0.11 ± 0.94¥ | -0.48 ± 0.93§ | *H* = 20.37 | **<0.001** |
| Digit span backwards | 0.27 ± 0.93§ | -0.11 ± 0.88£ | -0.82 ± 0.85§,£ | *H* = 17.15 | **<0.001** |
| Domain: Executive functions |  |  |  |  |  |
| WCST errors | 0.00 ± 0.77¥,§ | -0.52 ± 0.56¥ | -0.84 ± 0.71§ | *H* = 18.67 | **<0.001** |
| Alternating fluency | 0.87 ± 0.91§ | 0.40 ± 0.81£ | -0.37 ± 1.07§,£ | *H* = 18.11 | **<0.001** |
| Domain: Language |  |  |  |  |  |
| Semantic fluency | 1.27 ± 0.66¥,§ | 0.46 ± 0.78¥ | -0.12 ± 0.94§ | *H* = 30.14 | **<0.001** |
| Boston Naming Test  | 0.00 ± 1.00§ | -0.10 ± 0.77 | -0.97 ± 1.42§ | *H* = 13.41 | **0.001** |
| Domain: Memory |  |  |  |  |  |
| Delayed recall PANDA | 0.00 ± 1.00§ | -0.46 ± 1.37£ | -3.70 ± 2.23§,£ | *H* = 34.56 | **<0.001** |
| Delayed recall MMSE | 0.00 ± 1.00 | 0.49 ± 0.76£ | -0.71 ± 1.20£ | *H* = 15.74 | **<0.001** |
| Domain: Visual spatial abilities |  |  |  |  |  |
| Pentagons MMSE | 0.00 ± 1.00§ | -0.03 ± 1.05£ | -1.79 ± 2.01§,£ | *H* = 23.26 | **<0.001** |
| Cubes PANDA | 0.00 ± 1.00§ | 0.19 ± 0.99£ | -1.02 ± 1.17§,£ | *H* = 16.28 | **<0.001** |
| Overall cognition z-score | 0.32 ± 0.43¥,§ | 0.04 ± 0.36¥,£ | -1.08 ± 0.52§,£ | *H* = 53.309 | **<0.001** |
| CFQ | 23.80 ± 12.68 | 27.15 ± 10.55 | 26.26 ± 12.42 | *H* = 1.470 | 0.480 |
| CFQ z-score | 0.00 ± 1.53 | -0.40 ± 1.27 | -0.30 ± 1.50 | *H* = 1.470 | 0.480 |
| ISAcog | 0.32 ± 1.47§ | 0.44 ± 1.35£ | -0.78 ± 1.51§,£ | *H* = 9.770 | **0.008** |

Abbreviations: PD, Parkinson’s disease; PD-NC; PD with normal cognition; PD-MCI, PD with mild cognitive impairment; MMSE, Mini Mental State Examination; PANDA, Parkinson Neuropsychometric Dementia Assessment; CFQ, Cognitive Failures Questionnaire; ISAcog, impaired self-awareness of cognitive deficits.

Post-hoc U-test (p<0.00167): ¥ significant difference between controls and PD-NC; § significant difference between controls and PD-MCI; £ significant difference between PD-NC and PD-MCI.