|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary table 1.** Neuropsychological test results. Full scale IQ and raw scores | | | | | | | | | | | |
|  | **Healthy**  **Com-**  **parison**  **Group**  **(N=115)** | **Severe Traumatic**  **Brain Injury**  **(N=125)** | **Focal Prefrontal Lesions**  **(N=29)** | **Focal Cerebellar Lesions**  **(N=24)** | **Parkinson**'**s**  **Disease**  **(N=42)** | **ADHD**  **(N=34)** | **Bipolar Disorder-II**  **(N=21)** | **Borderline Personality Disorder**  **(N=18)** | ***F*** | ***p*<** | **Partial η2** |
| **IQ** | 111.4  (13.6) | 96.4  (15.4/116) | 104  (12.9) | 95.6  (11) | 105.9  (15.2/41) | 93.8  (13.4) | 110.3  (8.8) | 115.3 (10.9) | 11.8 | 0.001 | 0.18 |
| **Letter-Number Sequencing** | 11.2  (2.7) | 8.6  (3/121) | 19  (1.9) | 8.8  (2.6) | 8.5  (2.5) | 8.9  (2.6/32) | 10.4  (2.3) | 11.7  (2.6) | 7.01 | 0.001 | 0.11 |
| **CWIT 1** | 28.8  (5.7/114) | 37.7  (14.3/117) | 34.4  (13.3) | 35.3  (9.1/23) | 34.8  (7.9) | 35.1  (6.2) | 29.5  (5.5) | 28  (4.7) | 6.4 | 0.001 | 0.1 |
| **CWIT 2** | 21.2  (3.4) | 27.1  (9.6/118) | 24.6  (10.4) | 27.2  (8.1/23) | 25.4  (6.1) | 24.4  (4.1) | 21.8  (3.9) | 20.9  (2.6) | 6.39 | 0.001 | 0.10 |
| **CWIT 3** | 50  (12.4) | 67.8  (36.5/117) | 59  (25.3) | 68  (25/24) | 71.5  (19.6) | 59.6  (13.7) | 52.6  (13.9) | 47.7  (9.4) | 4.54 | 0.001 | 0.08 |
| **CWIT 4** | 56.5  (15.2) | 79  (37.1/115) | 74.3  (36.9) | 75  (24,3/23) | 93.2  (34.7) | 67.6  (15.4) | 58.7  (15.9) | 50.1  (9.6) | 6 | 0.001 | 0.1 |
| **CWIT 3-1** | 21.3  (10.9/114) | 30.1  (27.9/117) | 24.6  (15.7) | 33.5  (18.6/23) | 35.7  (14.3) | 24.5  (10.6) | 23.1  (10.1) | 19.7  (5.5) | 2.62 | 0.01 | 0.45 |
| **CWIT 4-1** | 27.8  (15.1/114) | 41.5  (28.9/115) | 39.9  (27.7) | 39.7  (18.6/23) | 57.4  (32.2) | 32.5  (13.6) | 29.2  (12.7) | 22.1  (9.1) | 4.17 | .001 | .07 |
| **EF Index** | -.34  (0.5) | .04  (1/115) | .05  (.7) | .21  (.66/23) | .39  (.8) | -.07  (.5/32) | -.1  (.5) | -.4  (.35) | 2.83 | 0.01 | .05 |

*Note*. In groups where N is equal in all cells, this is indicated at the top of the column, otherwise in each cell as follows: Mean (*SD*/N). All statistical comparisons are based on raw-scores. CWIT = Color-Word Interference Test.