**Supplemental table 2. Summary statistics for Lumosity tasks (ANCOVA) at cutpoints 5 and 6.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Cognitive Measures** | **Mean (MBI+)** | **Mean (MBI-)** | ***F*** | ***df within*** | ***df between*** | ***Partial η2 (effect size)*** | ***P Value*** |
| ***Cutpoint of MBI-C > 5*** |  |  |  |  |  |  |  |
| Memory Span | 4.76 | 5.26 | 8.61 | 1 | 493 | 0.017 (0.13) | **0.0035** |
| Reverse Memory Span | 4.12 | 4.84 | 12.76 | 1 | 492 | 0.025 (0.16) | **0.0004** |
| Trailmaking Errors | 3.90 | 1.83 | 6.42 | 1 | 493 | 0.013 (0.11) | **0.0116** |
| Trailmaking Response Time (log transformed) | 65.31 | 44.80 | 20.74 | 1 | 493 | 0.040 (0.21) | **< 0.0001** |
| GoNoGo Errors | 0.66 | 0.64 | 0.01 | 1 | 491 | 0.000 (0.00) | 0.9332 |
| GoNoGo Response Time | 486.39 | 474.28 | 0.79 | 1 | 491 | 0.000 (0.04) | 0.3740 |
| ***Cutpoint of MBI-C > 6*** |  |  |  |  |  |  |  |
| Memory Span | 4.68 | 5.26 | 8.83 | 1 | 493 | 0.018 (0.13) | **0.0031** |
| Reverse Memory Span | 3.88 | 4.85 | 18.11 | 1 | 492 | 0.035 (0.19) | **< 0.0001** |
| Trailmaking Errors | 4.03 | 1.80 | 5.29 | 1 | 493 | 0.011 (0.11) | **0.0218** |
| Trailmaking Response Time (log transformed) | 66.21 | 45.04 | 17.95 | 1 | 493 | 0.035 (0.19) | **< 0.0001** |
| GoNoGo Errors | 0.68 | 0.64 | 0.00 | 1 | 491 | 0.000 (0.00) | 0.9930 |
| GoNoGo Response Time | 494.85 | 473.84 | 1.75 | 1 | 491 | 0.004 (0.06) | 0.1866 |