**Table S11. Upperclassmen measures of central tendency, reliability, and effect sizes for ImPACT**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **n** | **Mean (SD)** | **Median**  **(Q1 - Q3)** | **ICCc**  **(lower, upper)** | | **ICCa**  **(lower, upper)** | | **Bias**  **(lower, upper)** | **Cohen's D** | |
| **Verbal Memory** | | |  |  | |  | |  |  | |
| Year 1 | 2534 | 90.19 (9.13) | 93 (84 - 98) | 0.42 (0.39, 0.45) | | 0.42 (0.38, 0.45) | | 0.94\* (-18.07, 19.95) λ | 0.10 | |
| Year 2 | 2534 | 91.13 (8.88) | 94 (86 - 99) |  | |  | |  |  | |
| **Visual Memory** | | |  |  | |  | |  |  | |
| Year 1 | 2535 | 82.87 (11.71) | 85 (76 - 92) | 0.53 (0.50, 0.55) | | 0.53 (0.50, 0.70) | | 0.68\* (-21.57, 22.93) | 0.06 | |
| Year 2 | 2535 | 83.54 (11.65) | 85 (77 - 92) |  | |  | |  |  | |
| **Visual Motor Speed** | | |  |  | |  | |  |  | |
| Year 1 | 2533 | 43.77 (5.8) | 44.43 (39.85 - 48.25) | 0.68 (0.65, 0.70) | | 0.67 (0.65, 0.45) | | 0.47\* (-8.69, 9.63) | 0.08 | |
| Year 2 | 2533 | 44.24 (5.82) | 44.97 (40.47 - 48.9) |  | |  | |  |  | |
| **Reaction Time** | | |  |  | |  | |  |  | |
| Year 1 | 2534 | 0.57 (0.07) | 0.55 (0.52 - 0.6) | 0.47 (0.44, 0.50) | | 0.47 (0.44, 0.70) | | 0.01\* (-0.14, 0.16) λ | 0.00 | |
| Year 2 | 2534 | 0.57 (0.08) | 0.56 (0.52 - 0.61) |  |  | |  | |  |
| \* Bias confidence interval does not cover 0 mean difference  λ Levels of agreement change with size of mean | | | | | | | | |