**Table S5. Non-Varsity athlete 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 | 3232 | 90.21 (9.08) | 93 (84.5 - 98) | 0.4 (0.37, 0.43) | 0.4 (0.37, 0.43) | 0.69\* (-18.66, 20.05) λ | | | 0.08 | |
| Year 2 | 3232 | 90.9 (9.00) | 93 (85 - 99) |  |  |  | | |  | |
| **Visual Memory** | | | | | | | | | | |
| Year 1 | 3232 | 82.51 (11.69) | 84 (75 - 92) | 0.51 (0.49, 0.54) | 0.51 (0.48, 0.54) | 1.19\* (-21.32, 23.7) | | | 0.10 | |
| Year 2 | 3232 | 83.71 (11.62) | 85 (77 - 92) |  |  |  | | |  | |
| **Visual Motor Speed** | | | | | | | | | | |
| Year 1 | 3231 | 43.31 (5.81) | 43.9 (39.2 - 47.78) | 0.67 (0.65, 0.69) | 0.66 (0.64, 0.69) | 0.79\* (-8.46, 10.04) | | | 0.14 | |
| Year 2 | 3231 | 44.1 (5.77) | 44.78 (40.38 - 48.75) |  |  |  | | |  | |
| **Reaction Time** | | | | | | | | | | |
| Year 1 | 3233 | 0.57 (0.08) | 0.56 (0.52 - 0.6) | 0.46 (0.44, 0.49) | 0.46 (0.43, 0.49) | 0.01\* (-0.15, 0.17) λ | | | 0.13 | |
| Year 2 | 3233 | 0.58 (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 | | | | | | |