**Table S10. Upperclassmen measures of central tendency, reliability, and effect sizes for clinical concussion measures**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **n** | **Mean (SD)** | **Median**  **(Q1 - Q3)** | **ICCc**  **(lower, upper)** | **ICCa**  **(lower, upper)** | **Bias**  **(lower, upper)** | **Cohen's D** | |
| **SAC** |  | |  |  |  |  |  |  | |
| Year 1 | 2622 | | 27.72 (1.79) | 28 (27 - 29) | 0.32 (0.29, 0.36) | 0.31 (0.25, 0.36) | 0.56\* (-3.28, 4.4) | 0.33 | |
| Year 2 | 2622 | | 28.27 (1.57) | 29 (27 - 30) |  |  |  |  | |
| **BESS** |  | |  |  |  |  |  |  | |
| Year 1 | 2581 | | 12.93 (6.26) | 12 (8 - 16) | 0.31 (0.28, 0.35) | 0.31 (0.28, 0.35) | 0.79\* (-14.1, 15.68) λ | 0.12 | |
| Year 2 | 2581 | | 13.72 (6.69) | 13 (9 - 17) |  |  |  |  | |
| **BSI-18 Total** | | | |  |  |  |  |  | |
| Year 1 | 2654 | | 39.16 (6.17) | 36 (36 - 42) | 0.37 (0.34, 0.41) | 0.37 (0.34, 0.40) | -0.60\* (-13.49, 12.28) λ | -0.10 | |
| Year 2 | 2654 | | 38.56 (5.57) | 36 (36 - 42) |  |  |  |  | |
| **SCAT Symptom Number** | | | | |  | **Weighted Kappa**  **(lower, upper)** |  |  | |
| Year 1 | 2657 | | 1.82 (2.85) | 1 (0 - 3) |  | 0.30 (0.27, 0.33) | -0.02 (-6.05, 6.01) | -0.01 | |
| Year 2 | 2657 | | 1.8 (2.91) | 1 (0 - 2) |  |  |  |  | |
| **SCAT Symptom Severity** | | | | |  |  |  |  | |
| Year 1 | 2657 | | 2.9 (5.79) | 1 (0 - 4) |  | 0.27 (0.23, 0.30) | 0.07 (-12.75, 12.89) | 0.01 | |
| Year 2 | 2657 | | 2.97 (5.67) | 1 (0 - 4) |  |  |  |  | |
| \*Bias confidence interval does not cover 0 mean difference  λ Levels of agreement change with size of mean | | | | | | | | |