**Table S4. Non-Varsity athlete 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 | 3356 | 27.73 (1.78) | 28 (27 - 29) | 0.34 (0.31, 0.37) | 0.32 (0.27, 0.37) | 0.53\* (-3.25, 4.32) | 0.31 |
| Year 2 | 3356 | 28.26 (1.58) | 29 (27 - 30) |  |  |  |  |
| **BESS** | | | | | | | |
| Year 1 | 3321 | 13.32 (6.19) | 12 (9 - 17) | 0.28 (0.25, 0.31) | 0.28 (0.25, 0.31) | 0.47\* (-14.71, 15.65) | 0.07 |
| Year 2 | 3321 | 13.79 (6.69) | 13 (9 - 17) |  |  |  |  |
| **BSI-18 Total** | | | | | | | |
| Year 1 | 3443 | 41.3 (8.07) | 36 (36 - 45) | 0.35 (0.32, 0.38) | 0.33 (0.28, 0.38) | -2.11\* (-18.01, 13.80) \* | -0.30 |
| Year 2 | 3443 | 39.19 (5.97) | 36 (36 - 42) |  |  |  |  |
| **SCAT Symptom Number** | | | |  | **Weighted Kappa**  **(lower, upper)** |  |  |
| Year 1 | 3450 | 2.96 (4.1) | 1 (0 - 4) |  | 0.22 (0.20, 0.24) | -1.02\* (-9.25, 7.2) | -0.29 |
| Year 2 | 3450 | 1.93 (2.91) | 1 (0 - 3) |  |  |  |  |
| **SCAT Symptom Severity** | | | | | | | |
| Year 1 | 3450 | 5.45 (9.62) | 2 (0 - 6) |  | 0.17 (0.16, 0.19) | -2.37\* (-21.78, 17.04) | -0.30 |
| Year 2 | 3450 | 3.08 (5.56) | 1 (0 - 4) |  |  |  |  |
| \* Bias confidence interval does not cover 0 mean difference; λ Levels of agreement change with size of mean | | | | | | | |