**Table 2.** Proportions of Standard Score Declines on ANAM Subtests by TBI Diagnosis for Patients Evaluated Within 72 Hours of Index Event (N = 73)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | TBI |  | No TBI |  |  |  |  |
|  |  | (n = 54) |  | (n = 19) |  | ** | *p* | ** |
|  |  | *n* | *%* |   | *n* | *%* |  |  |  |  |
| **Speed** |
| SRT | < .5 SD | 28 | 51.9% |  | 18 | 94.7% |  | 12.197 | 0.007 | 0.409 |
|  | .5 - 1 SD | 5 | 9.3% |  | 0 | 0.0% |  |  |  |  |
|  | 1 - 2 SD | 3 | 5.6% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 18 | 33.3% |   | 0 | 0.0% |   |   |   |   |
| PRT | < .5 SD | 23 | 46.0% |  | 15 | 78.9% |  | 7.686 | 0.053 | 0.334 |
|  | .5 - 1 SD | 8 | 16.0% |  | 2 | 10.5% |  |  |  |  |
|  | 1 - 2 SD | 7 | 14.0% |  | 2 | 10.5% |  |  |  |  |
|   | > 2 SD | 12 | 24.0% |   | 0 | 0.0% |   |   |   |   |
| CSL | < .5 SD | 30 | 57.7% |  | 16 | 88.9% |  | 6.807 | 0.078 | 0.312 |
|  | .5 - 1 SD | 9 | 17.3% |  | 2 | 11.1% |  |  |  |  |
|  | 1 - 2 SD | 5 | 9.6% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 8 | 15.4% |   | 0 | 0.0% |   |   |   |   |
| CSD | < .5 SD | 29 | 53.7% |  | 15 | 78.9% |  | 3.861 | 0.277 | 0.230 |
|  | .5 - 1 SD | 7 | 13.0% |  | 1 | 5.3% |  |  |  |  |
|  | 1 - 2 SD | 4 | 7.4% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 14 | 25.9% |   | 2 | 10.5% |   |   |   |   |
| MATH | < .5 SD | 27 | 50.0% |  | 15 | 78.9% |  | 6.760 | 0.080 | 0.304 |
|  | .5 - 1 SD | 8 | 14.8% |  | 3 | 15.8% |  |  |  |  |
|  | 1 - 2 SD | 13 | 24.1% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 6 | 11.1% |   | 0 | 0.0% |   |   |   |   |
| SM | < .5 SD | 29 | 53.7% |  | 15 | 78.9% |  | 5.774 | 0.123 | 0.281 |
|  | .5 - 1 SD | 8 | 14.8% |  | 3 | 15.8% |  |  |  |  |
|  | 1 - 2 SD | 7 | 13.0% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 10 | 18.5% |   | 0 | 0.0% |   |   |   |   |
| **Accuracy** |
| SRT | < .5 SD | 53 | 98.1% |  | 19 | 100.0% |  | 0.357 | 1.000 | 0.070 |
|  | .5 - 1 SD | 0 | 0.0% |  | 0 | 0.0% |  |  |  |  |
|  | 1 - 2 SD | 0 | 0.0% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 1 | 1.4% |   | 0 | 0.0% |   |   |   |   |
| PRT | < .5 SD | 36 | 66.7% |  | 15 | 78.9% |  | 4.773 | 0.189 | 0.256 |
|  | .5 - 1 SD | 4 | 7.4% |  | 3 | 15.8% |  |  |  |  |
|  | 1 - 2 SD | 9 | 16.7% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 5 | 9.3% |   | 1 | 5.3% |   |   |   |   |
| CSL | < .5 SD | 48 | 88.9% |  | 18 | 94.7% |  | 1.111 | 0.774 | 0.123 |
|  | .5 - 1 SD | 3 | 5.6% |  | 1 | 5.3% |  |  |  |  |
|  | 1 - 2 SD | 2 | 3.7% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 1 | 1.9% |   | 0 | 0.0% |   |   |   |   |
| CSD | < .5 SD | 40 | 74.1% |  | 16 | 84.2% |  | 1.045 | 0.790 | 0.120 |
|  | .5 - 1 SD | 4 | 7.4% |  | 1 | 5.3% |  |  |  |  |
|  | 1 - 2 SD | 3 | 5.6% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 7 | 13.0% |   | 1 | 5.3% |   |   |   |   |
| MATH | < .5 SD | 40 | 74.1% |  | 15 | 78.9% |  | 1.499 | 0.683 | 0.143 |
|  | .5 - 1 SD | 6 | 11.1% |  | 1 | 5.3% |  |  |  |  |
|  | 1 - 2 SD | 6 | 11.1% |  | 3 | 15.8% |  |  |  |  |
|   | > 2 SD | 2 | 3.7% |   | 0 | 0.0% |   |   |   |   |
| SM | < .5 SD | 37 | 68.5% |  | 17 | 89.5% |  | 5.575 | 0.134 | 0.276 |
|  | .5 - 1 SD | 4 | 7.4% |  | 2 | 10.5% |  |  |  |  |
|  | 1 - 2 SD | 5 | 9.3% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 8 | 14.8% |   | 0 | 0.0% |   |   |   |   |
| **Throughput** |
| SRT | < .5 SD | 26 | 48.1% |  | 18 | 94.7% |  | 12.850 | 0.005 | 0.420 |
|  | .5 - 1 SD | 4 | 7.4% |  | 0 | 0.0% |  |  |  |  |
|  | 1 - 2 SD | 7 | 13.0% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 17 | 31.5% |   | 1 | 5.3% |   |   |   |   |
| PRT | < .5 SD | 26 | 48.1% |  | 14 | 77.8% |  | 9.891 | 0.020 | 0.371 |
|  | .5 - 1 SD | 7 | 13.0% |  | 4 | 22.2% |  |  |  |  |
|  | 1 - 2 SD | 8 | 14.8% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 13 | 24.1% |   | 0 | 0.0% |   |   |   |   |
| CSL | < .5 SD | 34 | 63.0% |  | 18 | 94.7% |  | 7.419 | 0.060 | 0.319 |
|  | .5 - 1 SD | 6 | 11.1% |  | 1 | 5.3% |  |  |  |  |
|  | 1 - 2 SD | 8 | 14.8% |  | 0 | 0.0% |  |  |  |  |
|   | > 2 SD | 6 | 11.1% |   | 0 | 0.0% |   |   |   |   |
| CSD | < .5 SD | 33 | 61.1% |  | 14 | 77.8% |  | 1.803 | 0.614 | 0.158 |
|  | .5 - 1 SD | 8 | 14.8% |  | 2 | 11.1% |  |  |  |  |
|  | 1 - 2 SD | 7 | 13.0% |  | 1 | 5.6% |  |  |  |  |
|   | > 2 SD | 6 | 11.1% |   | 1 | 5.6% |   |   |   |   |
| MATH | < .5 SD | 37 | 69.8% |  | 16 | 84.2% |  | 2.954 | 0.399 | 0.203 |
|  | .5 - 1 SD | 4 | 7.5% |  | 2 | 10.5% |  |  |  |  |
|  | 1 - 2 SD | 10 | 18.9% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 2 | 3.8% |   | 0 | 0.0% |   |   |   |   |
| SM | < .5 SD | 27 | 50.0% |  | 17 | 89.5% |  | 9.349 | 0.025 | 0.358 |
|  | .5 - 1 SD | 12 | 22.2% |  | 1 | 5.3% |  |  |  |  |
|  | 1 - 2 SD | 9 | 16.7% |  | 1 | 5.3% |  |  |  |  |
|   | > 2 SD | 6 | 11.1% |   | 0 | 0.0% |   |   |   |   |

*Note.* LOC = Loss of Consciousness; TBI = Traumatic Brain Injury; SRT = Simple Reaction Time; PRT = Procedural Reaction Time; CSL = Code Substitution-Learning; CSD = Code Substitution-Delayed; MATH = Mathematical Processing; SM = Spatial Memory