**Supplemental Digital Content Table 1.** *Baseline demographic and injury characteristics of the present sample*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | OI (N = 10) | | |  | TBI (N = 25) | | |  | Statistics | | |
|  |  | *N* | % |  |  | *N* | % |  | χ2 | *df* | *p* |
| Site |  |  |  |  |  |  |  |  | 0.20 | 1 | .706 |
| Houston |  | 4 | 40 |  |  | 8 | 32 |  |  |  |  |
| Dallas |  | 6 | 60 |  |  | 17 | 68 |  |  |  |  |
| Sex |  |  |  |  |  |  |  |  | 1.68 | 1 | .266 |
| Male |  | 4 | 40 |  |  | 16 | 64 |  |  |  |  |
| Female |  | 6 | 60 |  |  | 9 | 36 |  |  |  |  |
| Ethnicity |  |  |  |  |  |  |  |  | 3.36 | 3 | .479 |
| Caucasian |  | 4 | 40 |  |  | 11 | 44 |  |  |  |  |
| African-Am |  | 2 | 20 |  |  | 1 | 4 |  |  |  |  |
| Hispanic |  | 4 | 40 |  |  | 10 | 40 |  |  |  |  |
| Asian-Am |  | 0 | 0 |  |  | 3 | 12 |  |  |  |  |
| Native Am |  | 0 | 0 |  |  | 0 | 0 |  |  |  |  |
| Mechanism |  |  |  |  |  |  |  |  | 8.43 | 5 | .141 |
| Fall |  | 2 | 20 |  |  | 8 | 32 |  |  |  |  |
| MVA-Pass |  | 2 | 20 |  |  | 8 | 32 |  |  |  |  |
| MVA-Ped |  | 0 | 0 |  |  | 1 | 4 |  |  |  |  |
| RVA |  | 0 | 0 |  |  | 4 | 16 |  |  |  |  |
| Sports/Play |  | 5 | 50 |  |  | 4 | 16 |  |  |  |  |
| Unknown |  | 1 | 10 |  |  | 0 | 0 |  |  |  |  |
| Velocity |  |  |  |  |  |  |  |  | 2.99 | 1 | .134 |
| High |  | 2 | 20 |  |  | 13 | 52 |  |  |  |  |
| Low |  | 8 | 80 |  |  | 12 | 48 |  |  |  |  |
| Duration of PTA |  |  |  |  |  |  |  |  | 22.78 | 4 | .000 |
| None |  | 9 | 90 |  |  | 2 | 8 |  |  |  |  |
| < 1 hr |  | 0 | 0 |  |  | 7 | 28 |  |  |  |  |
| 1-24 hrs |  | 0 | 0 |  |  | 3 | 12 |  |  |  |  |
| > 24 hrs |  | 0 | 0 |  |  | 7 | 28 |  |  |  |  |
| Unknown |  | 1 | 10 |  |  | 6 | 24 |  |  |  |  |
|  | *M* | *SD* | Range |  | *M* | *SD* | Range |  | *z* |  | *p* |
| Age at Evaluation | 15.76 | 2.56 | 11.35–19.39 |  | 15.71 | 2.32 | 10.61–18.95 |  | -0.15 |  | .900 |
| Age at Injury | 14.56 | 2.55 | 10.24–18.14 |  | 14.59 | 2.31 | 9.62–17.97 |  | -0.22 |  | .844 |
| Follow-up days | 400.70 | 86.23 | 322–603 |  | 369.96 | 57.84 | 299–596 |  | 0.88 |  | .392 |
|  |  |  |  |  |  |  |  |  | *t* | *df* | *p* |
| TSIa | 1.36 | 0.55 | 0.36–2.10 |  | 1.20 | 0.64 | 0.03–2.66 |  | 0.69 | 32 | .496 |
| SCIa | -0.26 | 0.98 | -1.75–1.22 |  | 0.11 | 0.98 | -1.81–1.67 |  | 0.99 | 32 | .332 |
| FSIQ | 104.10 | 9.99 | 90–119 |  | 106.24 | 8.41 | 88–121 |  | 0.64 | 33 | .524 |
| GCS | - | - | - |  | 8.64 | 5.55 | 3–15 |  | - | - | - |

*Note.* OI = orthopedic injury. TBI = traumatic brain injury. MVA-Pass = motorized vehicle accident, passenger. MVA-Ped = motorized vehicle accident, pedestrian. RVA = recreational vehicle accident. PTA = posttraumatic amnesia. TSI = time-since-injury (months). SCI = socioeconomic composite index (z-score). FSIQ = Wechsler Abbreviated Scale of Intelligence – Second edition (WASI-II) Full-scale IQ (standard score). GCS = lowest 24-hour Glasgow Coma Scale score.

a*N*OI = 9