**Supplemental Tables**

Table S1. *Time x Group ANOVA Output and Follow-Up Tests for SCAT3 Symptom Severity Score*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   |  | Time | Group | Time x Group |
|  |  | *F* | *p* | *F* | *p* | *F* | *p* |
| ANOVA |  | 33.40 | <.001 | 15.43 | <.001 | 7.58 | <.001 |
| Follow-up tests |  |  |  | *t* | *p* |  |  |
| 72-hour |  |  |  | 4.49 | < .001 |  |  |
| Day 8 |  |  |  | 3.44 | .001 |  |  |
| Day 15 |  |  |  | 2.88 | .004 |  |  |
| Day 45 |  |  |  | 2.14 | .035 |  |  |

*Note*. SCAT3 = Sport Concussion Assessment Tool 3. Uncorrected *p*-values are displayed.Table S2. *Time x Group ANOVA Output for ANAM, DANA, and ImPACT*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   |  | Time | Group | Time x Group |
|  |  | *F* | *p* | *F* | *p* | *F* | *p* |
| ANAM |  |  |  |  |  |  |  |
| Composite |  | 13.16 | <.001 | 3.91 | .052 | <.01 | .995 |
| SRT |  | 9.27 | <.001 | .54 | .463 | .67 | .498 |
| CDS |  | 24.57 | <.001 | 1.69 | .198 | .74 | .453 |
| PRO |  | 3.16 | .050 | 2.11 | .151 | .06 | .936 |
| MTH |  | 3.21 | .052 | 2.84 | .097 | .49 | .583 |
| M2S |  | .78 | .455 | 1.02 | .316 | .56 | .569 |
| CDD |  | 12.47 | <.001 | .20 | .656 | .33 | .722 |
| SR2 |  | 2.02 | .139 | 5.49 | .022 | .01 | .985 |
| GNG |  | 8.30 | <.001 | 3.20 | .078 | .47 | .623 |
| DANA |  |  |  |  |  |  |  |
| RT |  | 11.72 | <.001 | 1.19 | .278 | 1.41 | .246 |
| CDS |  | 23.77 | <.001 | .30 | .587 | .08 | .919 |
| PRT |  | 7.50 | .001 | .05 | .819 | .44 | .623 |
| SP |  | 14.50 | <.001 | 3.07 | .083 | .17 | .831 |
| GNG |  | 1.95 | .145 | .04 | .840 | 1.15 | .319 |
| CDD |  | 6.07 | .003 | .63 | .430 | .03 | .966 |
| M2S |  | .53 | .582 | .26 | .612 | 2.19 | .117 |
| MS |  | 7.24 | .001 | .82 | .366 | .30 | .733 |
| SR2 |  | .36 | .694 | .99 | .321 | .68 | .505 |
| ImPACT |  |  |  |  |  |  |  |
| VERM |  | 2.83 | .063 | .33 | .568 | .94 | .393 |
| VISM |  | .16 | .849 | .07 | .789 | 2.97 | .055 |
| VMS |  | 16.02 | <.001 | 1.49 | .225 | .02 | .978 |
| RT |  | .08 | .921 | .79 | .377 | .19 | .826 |

*Note*. Uncorrected *p*-values are displayed.

ANAM abbreviations: SRT = Simple reaction time; CDS = code substitution-learning; PRO = procedural reaction time; MTH = mathematical processing; M2S = matching to sample; CDD = code substitution-delayed; SR2 = simple reaction time 2; GNG = go no-go.

DANA abbreviations: RT = reaction time; CDS = code substitution-learning; PRT = procedural reaction time; SP = spatial processing; GNG = go no-go; CDD = code substitution-delayed; M2S = matching to sample; MS = memory search; SR2 = simple reaction time 2.

ImPACT abbreviations: VERM = verbal memory composite; VISM = visual memory composite; VMS = visual motor speed composite; RT = reaction time composite.

Table S3. *Effect of Self-Reported Involvement in Litigation on Neuropsychological Measures (Litigation vs. No Litigation Cohen’s d)*

|  |  |  |  |
| --- | --- | --- | --- |
|   | <72 hours | Day 15 | Day 45 |
| SCAT3 Symptoms1\* | -.28 | -.43 | -.36 |
| ANAM |  |  |  |
|  Composite | -.41 | -.13 | -.15 |
|  SRT | -.31 | -.16 | -.01 |
|  CDS | -.41 | -.14 | -.07 |
|  PRO | -.04 | -.03 | -.37 |
|  MTH | -.10 | .22 | .16 |
|  M2S | -.57 | -.16 | -.35 |
|  CDD | -.22 | -.22 | -.08 |
|  SR2 | -.33 | -.52 | -.13 |
|  GNG | -.33 | -.43 | -.26 |
|  *Mean* | *-.30* | *-.17* | *-.14* |
| DANA |  |  |  |
|  SRT\* | -.38 | -.26 | -.41 |
|  CDS\* | -.51 | -.64 | -.55 |
|  PRT | -.46 | -.33 | -.18 |
|  SP\* | -.50 | -.37 | -.25 |
|  GNG | -.21 | -.30 | -.32 |
|  CDD | -.19 | -.26 | .06 |
|  M2S\* | -.43 | -.68 | -.36 |
|  MS | -.31 | -.34 | -.22 |
|  SR2\* | -.31 | -.46 | -.42 |
|  *Mean* | *-.37* | *-.40* | *-.29* |
| ImPACT |  |  |  |
|  VERM\* | -.51 | -.75 | -.51 |
|  VISM\* | -.67 | -.79 | -.80 |
|  VMS | -.36 | -.49 | -.48 |
|  RT\* | -.40 | -.35 | -.42 |
|  *Mean* | *-.49* | *-.60* | *-.55* |

*Note*. 1SCAT3 Day 8 *d* = .26. \*Litigation main effect *p* < .05. No Litigation x Time or Litigation x Injury Group interactions significant.