

Supplementary Data

SUPPLEMENTARY TABLE S1. MULTIVARIATE
“DEMOGRAPHICS” MODEL INCLUDING DEMOGRAPHIC,
HISTORY, AND INJURY VARIABLES

	<i>HR</i>	<i>95% CI</i>	<i>p</i>
Group			0.003
mTBI LOC- (vs. control)	1.96	(1.24, 3.10)	0.004
mTBI LOC+ (vs. control)	0.77	(0.40, 1.48)	0.427

n = 149.

CI, confidence interval; HR, hazard ratio; LOC, loss of consciousness;
mTBI, mild traumatic brain injury.

SUPPLEMENTARY TABLE S2. MULTIVARIATE
 “DEMOGRAPHICS+SYMPTOMS” MODEL INCLUDING
 DEMOGRAPHIC, HISTORY, INJURY,
 AND SYMPTOM VARIABLES

	<i>HR</i>	<i>95% CI</i>	<i>p</i>
BSI-18 somatization	0.62	(0.47, 0.81)	0.001
Group			<0.001
mTBI LOC- (vs. control)	2.60	(1.60, 4.24)	<0.001
mTBI LOC+ (vs. control)	0.96	(0.50, 1.86)	0.907

n = 149.

BSI-18, Brief Symptom Inventory-18; CI, confidence interval; HR, hazard ratio; LOC, loss of consciousness; mTBI, mild traumatic brain injury.

SUPPLEMENTARY TABLE S3. MULTIVARIATE
MODEL ADDING ANAM CNT VARIABLES
TO DEMOGRAPHICS+SYMPTOM MODEL

	<i>HR</i>	<i>95% CI</i>	<i>p</i>
BSI-18 somatization	0.62	(0.47, 0.81)	0.001
Group			<0.001
mTBI LOC- (vs. control)	2.71	(1.67, 4.41)	<0.001
mTBI LOC+ (vs. control)	1.07	(.55, 2.10)	0.843
ANAM taken (yes vs. no)	1.01	(.63, 1.61)	0.974
ANAM simple reaction time 2	1.92	(1.23, 3.01)	0.004

n = 149. A model using complete cases only (*n* = 77) revealed similar effect sizes: BSI-18 somatization subscale HR = 0.62, mTBI LOC- (vs. Control) HR = 2.71, mTBI LOC+ (vs. Control) HR = 1.07, and ANAM simple reaction time 2 of HR = 1.93.

ANAM, Automatic Neuropsychological Assessment Metrics; BSI-18, Brief Symptom Inventory-18; CI, confidence interval; CNT, computerized neurocognitive test; HR, hazard ratio; LOC, loss of consciousness; mTBI, mild traumatic brain injury.

SUPPLEMENTARY TABLE S4. MULTIVARIATE
MODEL ADDING DANA CNT VARIABLES
TO DEMOGRAPHICS+SYMPTOM MODEL

	<i>HR</i>	<i>95% CI</i>	<i>p</i>
BSI-18 somatization	0.63	(0.48, 0.84)	0.001
Group			<0.001
mTBI LOC- (vs. control)	2.53	(1.56, 4.10)	<0.001
mTBI LOC+ (vs. control)	1.08	(0.55, 2.09)	0.830
Dana taken (yes vs. no)	0.84	(0.44, 1.63)	0.608
DANA reaction time	1.70	(1.28, 2.25)	<0.001

n = 149. A model using complete cases only (*n* = 129) revealed similar effect sizes: BSI-18 somatization subscale HR = 0.64, mTBI LOC- (vs. Control) HR = 2.52, mTBI LOC+ (vs. Control) HR = 1.07, and DANA simple reaction time HR = 1.68.

BSI-18, Brief Symptom Inventory-18; CI, confidence interval; CNT, computerized neurocognitive test; DANA, Defense Automated Neurobehavioral Assessment; HR, hazard ratio; LOC, loss of consciousness; mTBI, mild traumatic brain injury.