

SUPPLEMENTARY TABLE S2. MEAN OUTCOMES BY LATENT CLASS AND ORIGINAL SEVERITY, MEAN (SD)

	<i>Latent class (LC)</i>				<i>Original severity</i>			
	<i>LC 1</i>	<i>LC 2</i>	<i>LC 3</i>	<i>LC 4</i>	<i>Mild</i>	<i>cMild</i>	<i>Moderate</i>	<i>Severe</i>
6 month outcome, <i>n</i> = 369	<i>n</i> = 125	<i>n</i> = 139	<i>n</i> = 62	<i>n</i> = 43	<i>n</i> = 136	<i>n</i> = 122	<i>n</i> = 24	<i>n</i> = 87
PIFOS Total	26.9 (4.9)	29.2 (6.9)	30.9 (7.7)	38.1 (13.7)	28.1 (6.3)	28.2 (6.0)	32.3 (8.1)	33.9 (11.6)
12 month outcomes, <i>n</i> = 349	<i>n</i> = 117	<i>n</i> = 135	<i>n</i> = 57	<i>n</i> = 40	<i>n</i> = 129	<i>n</i> = 117	<i>n</i> = 21	<i>n</i> = 82
PIFOS Total	27.5 (7.1)	28.0 (6.4)	30.6 (8.5)	35.4 (10.8)	27.7 (6.6)	27.9 (7.0)	31.8 (6.8)	32.4 (10.2)
BRIEF Working Memory T-score ^a	0.16 (11.1)	2.85 (11.8)	2.74 (11.9)	8.93 (13.0)	0.39 (12.1)	2.81 (10.7)	3.19 (11.9)	5.71 (12.9)
BRIEF Emotional Control T-score ^a	0.12 (12.1)	3.51 (12.6)	4.33 (11.6)	7.79 (12.1)	0.99 (12.3)	2.49 (12.6)	7.24 (11.6)	5.77 (11.8)

^aBRIEF scores reflect change from pre-injury to 12 month follow-up.

SD, standard deviation; cMild, complicated Mild; PIFOS, Pediatric Injury Functional Outcome Scale; BRIEF, Behavior Rating Inventory of Executive Function.

SUPPLEMENTARY TABLE S3. MEAN OUTCOMES BY AIS, MEAN (SD)

	<i>Abbreviated Injury Score (AIS)</i>		
	<i>0-2</i>	<i>3-4</i>	<i>5-6</i>
6 month outcome, <i>n</i> = 369	<i>n</i> = 132	<i>n</i> = 209	<i>n</i> = 28
PIFOS total	27.3 (5.7)	30.3 (8.2)	36.8 (13.2)
12 month outcomes, <i>n</i> = 349	<i>n</i> = 123	<i>n</i> = 199	<i>n</i> = 27
PIFOS total	27.8 (7.6)	29.3 (7.8)	33.6 (9.4)
BRIEF Working Memory T-score ^a	0.50 (11.1)	3.68 (12.4)	4.56 (11.0)
BRIEF Emotional Control T-score ^a	0.19 (11.9)	4.51 (12.2)	4.63 (13.7)

^aBRIEF scores reflect change from pre-injury to 12 month follow-up

SD, standard deviation; PIFOS, Pediatric Injury Functional Outcome Scale; BRIEF, Behavior Rating Inventory of Executive Function.

SUPPLEMENTARY TABLE S4. AKAIKE INFORMATION CRITERION (AIC) FOR VARIOUS SEVERITY MEASURES^a

<i>Outcomes</i>	<i>Severity measure defined by</i>		
	<i>Latent classes</i>	<i>GCS</i>	<i>AIS</i>
PIFOS total - 6 months	2460	2512	2531
PIFOS total - 12 months	2382	2392	2426
BRIEF Working Memory T-score ^b	2681	2687	2694
BRIEF Emotional Control T-score ^b	2701	2704	2708

^aAIC is a measure of model fit; lower values reflect better model fit.

^bBRIEF scores reflect change from pre-injury to 12 month follow-up.

GCS, Glasgow Coma Scale; PIFOS, Pediatric Injury Functional Outcome Scale; BRIEF, Behavior Rating Inventory of Executive Function.