

**Supplemental Table 1. Adjusted Relative Risks (ARR) and 95% CIs Shown in Figure 1 for All Postinjury Outcomes Between Sport-Related and Non-Sport-Related Concussions<sup>a</sup>**

Variable	Concussions, No. (%)		ARR <sup>b</sup>	95% CI
	Sport Related	Non-Sport Related		
Total	2945 (84.1)	555 (15.9)		
Injury reported immediately?				
Yes	1493 (54.4)	207 (39.1)	0.73	0.65, 0.81
No	1251 (45.6)	323 (60.9)		
Longer recovery				
Yes	672 (22.8)	207 (37.3)	1.5	1.31, 1.71
No	2273 (77.2)	348 (62.7)		
Delayed symptoms				
Yes	873 (30.1)	203 (37.8)	1.17	1.03, 1.32
No	2024 (69.9)	334 (62.2)		
Altered mental status				
Yes	1396 (48.1)	267 (49.5)	1.08	0.99, 1.19
No	1504 (51.9)	272 (50.5)		
Loss of consciousness				
Yes	116 (4.0)	64 (11.7)	3.15	2.32, 4.28
No	2810 (96.0)	481 (88.3)		
Posttraumatic amnesia				
Yes	258 (8.8)	52 (9.6)	1.23	0.91, 1.65
No	2661 (91.2)	490 (90.4)		
Retrograde amnesia				
Yes	127 (4.4)	39 (7.2)	1.77	1.22, 2.57
No	2792 (95.6)	504 (92.8)		
Motor impairment				
Yes	320 (14.0)	71 (16.2)	1.45	1.14, 1.84
No	1581 (69.4)	239 (54.7)		
Unknown	377 (16.5)	127 (29.1)		
Hospital transport				
Yes	131 (4.5)	106 (19.4)	4.02	3.12, 5.18
No	2796 (95.5)	440 (80.6)		
Who made initial diagnosis?				
Athletic trainer	1540 (67.5)	217 (49.4)	0.73	0.66, 0.82
Team physician	427 (18.7)	80 (18.2)	0.98	0.78, 1.23
Primary care physician	222 (9.7)	102 (23.2)	2.45	1.95, 3.07
Final clearance				
Athletic trainer	659 (26.9)	94 (20.9)	0.75	0.62, 0.92
Team physician	780 (31.8)	125 (27.8)	0.84	0.71, 1.00
Primary care physician	532 (21.7)	160 (35.6)	1.58	1.35, 1.85

<sup>a</sup> An ARR > 1 indicated a higher risk in non-sport-related concussions.

<sup>b</sup> The ARR models account for sex and concussion history.

**Supplemental Table 2. Adjusted Relative Risk (ARR) and 95% CIs Shown in Figure 2 for All Postinjury Outcomes in Non–Sport-Related Concussions Between Male and Female Athletes<sup>a</sup>**

Variable	Female, No. (%)	Male, No. (%)	ARR <sup>b</sup>	95% CI
Total	347 (62.5)	208 (37.5)		
Injury reported immediately?				
Yes	130 (38.9)	77 (39.3)	1.00	0.80, 1.25
No	204 (61.1)	119 (60.7)		
Longer recovery				
Yes	152 (43.8)	55 (26.4)	0.61	0.47, 0.79
No	195 (56.2)	153 (73.6)		
Delayed symptoms				
Yes	128 (38.3)	75 (36.9)	0.97	0.77, 1.22
No	206 (61.7)	128 (63.1)		
Altered mental status				
Yes	157 (46.4)	110 (54.7)	1.19	1.001, 1.41
No	181 (53.6)	91 (45.3)		
Loss of consciousness				
Yes	37 (10.9)	27 (13.2)	1.18	0.73, 1.91
No	304 (89.1)	177 (86.8)		
Posttraumatic amnesia				
Yes	28 (8.3)	24 (11.8)	1.33	0.79, 2.25
No	311 (91.7)	179 (88.2)		
Retrograde amnesia				
Yes	19 (5.6)	20 (9.9)	1.87	1.01, 3.45
No	321 (94.4)	183 (90.1)		
Motor impairment				
Yes	44 (15.4)	27 (17.8)	1.27	0.83, 1.93
No	164 (57.5)	75 (49.3)		
Unknown	77 (27.0)	50 (32.9)		
Hospital transport				
Yes	64 (18.8)	42 (20.4)	1.06	0.74, 1.51
No	276 (81.2)	164 (79.6)		
Who made initial diagnosis?				
Athletic trainer	140 (49.0)	77 (50.3)	0.94	0.75, 1.17
Team physician	55 (19.2)	47 (30.7)	0.54	0.30, 0.83
Primary care physician	61 (21.3)	19 (12.4)	1.39	0.98, 1.97
Final clearance				
Athletic trainer	58 (20.6)	36 (21.6)	1.03	0.70, 1.50
Team physician	92 (32.6)	33 (19.8)	0.61	0.42, 0.87
Primary care physician	90 (31.9)	70 (41.9)	0.91	0.80, 1.04

<sup>a</sup> An ARR > 1 indicated a higher risk in male athletes.

<sup>b</sup> The ARR models account for concussion history.