

Supplemental Table. Hazard of subsequent injury following concussion compared to all other non-concussed players who played in the same game, by outcome; National Football League, Pre- and Regular Season, 2018-2021

Outcome: Subsequent Time-Loss Lower Extremity Sprain, Strain, or Fracture		
Follow-Up End	Inclusion of Days Missed Following Index Date	Adjusted Hazard Ratio ^a
End of Season	No	1.13 (0.83 – 1.54)
	Yes	1.25 (0.91 – 1.72)
60 Days	No	1.13 (0.81 – 1.58)
	Yes	1.21 (0.85 – 1.72)
30 Days	No	1.64 (1.14 – 2.35)
	Yes	1.44 (0.95 – 2.18)
Outcome: Subsequent Time-Loss Sprain, Strain, or Fracture		
End of Season	No	1.00 (0.76 – 1.33)
	Yes	1.08 (0.81 – 1.45)
60 Days	No	1.07 (0.80 – 1.44)
	Yes	1.03 (0.81 – 1.51)
30 Days	No	1.44 (1.04 – 2.00)
	Yes	1.15 (0.80 – 1.65)
Outcome: Subsequent Time-Loss Lower Extremity Sprain, Strain, or Fracture		
Follow-Up End	Inclusion of Days Missed Following Index Date	Adjusted Hazard Ratio ^a
End of Season	No	0.93 (0.63 – 1.37)
	Yes	0.93 (0.63 – 1.37)
60 Days	No	0.80 (0.52 – 1.22)
	Yes	0.82 (0.53 – 1.26)
30 Days	No	1.02 (0.61 – 1.71)
	Yes	1.00 (0.60 – 1.67)
Outcome: Subsequent Time-Loss Sprain, Strain, or Fracture		
End of Season	No	0.85 (0.58 – 1.26)
	Yes	0.85 (0.58 – 1.27)
60 Days	No	0.81 (0.56 – 1.16)
	Yes	0.87 (0.38 – 1.99)
30 Days	No	0.71 (0.26 – 1.88)
	Yes	0.72 (0.27 – 1.90)

^aAdjusted for number of prior injuries (or number of lower extremity injuries in models with lower extremity injury as the outcome) sustained during the 365 days prior to the index time point, the number of prior concussions during the 365 days prior to the index time point, player tenure in the NFL, and roster position. Statistically significant results ($p < .05$) appear in the table as bolded text.