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Assessment of risks of post-concussion injuries in university athletes

Mild traumatic brain injuries (concussions) have been shown to be harmful and impactful on the functioning of the brain. While research has increased in the area of concussions among athletes, injury rates among athletes are typically higher due to the nature of their sports. It is by far still unclear what longer-term impact a concussion may have on the brain of university athletes. The central question for this study is whether athletes who have sustained a concussion are more prone to injury. Surveys inquiring about concussions in university-level athletes were collected through Google Forms and in-person visits to practices. Based on the chi-square analysis, no significant correlation was detected between concussion and risk of sport injuries among university athletes. There was also no significant correlation detected between concussion and age of the athlete, gender of the athlete, or sport the athlete participated in.

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