



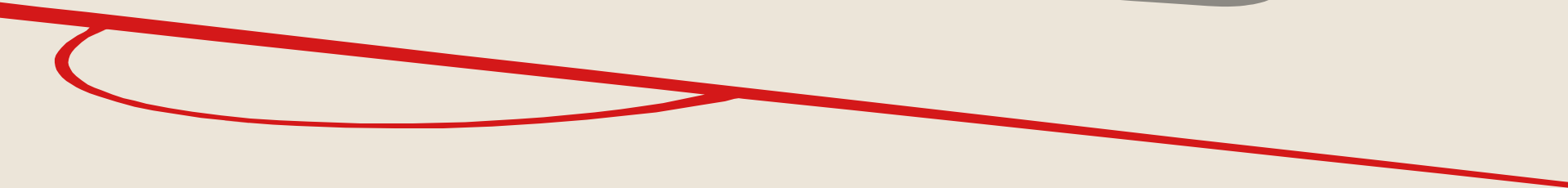
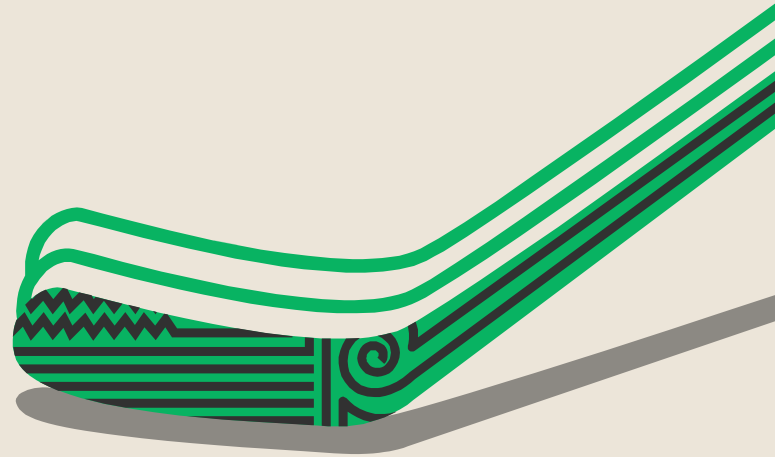
# PUCK DROPPING SOME KNOWLEDGE: EXPLORING INJURY FACTORS IN THE NHL

By Azalea Rohr and Marie Picini



# FUN FACT

NHL players can lose up  
8 pounds in one game



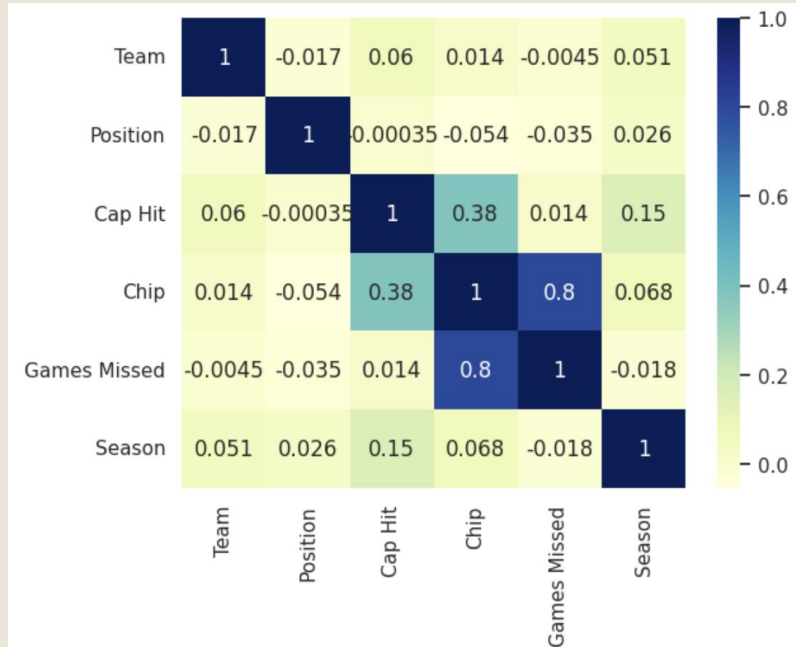
# CENTRAL QUESTION

What factors affect severity of concussions in the NHL and how do these factors affect each other?



# METHODS AND RESULTS

## Correlation Heatmap



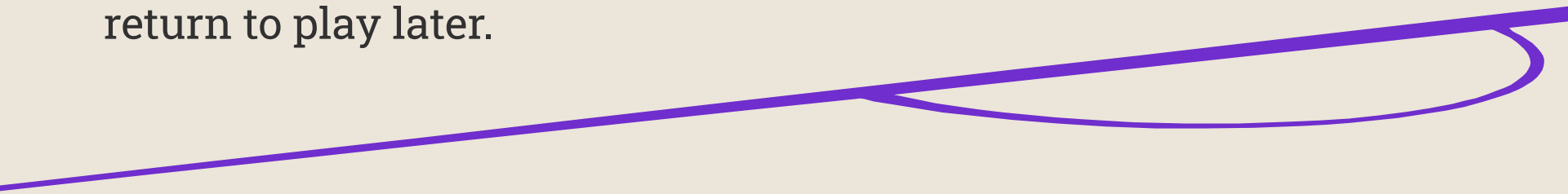
## Chi Squared Results

- Teams and Games missed
  - Value: 0.873
- Seasons and Games missed
  - Value: 0.104
- Position and Games missed
  - Value: 0.650



# CONCLUSION

In conclusion, from our heatmap we can see that chip and games missed had the only strong correlation. Since games missed is based on the severity of the concussion (meaning how many games the player has to missed before considered fully recovered), when a team has more money to procure other players to replaced the injured player, we found that the player tends to return to play later.

A thick, wavy purple line that starts from the bottom left and curves towards the right, ending in a small loop.



**THANK YOU FOR  
LISTENING**