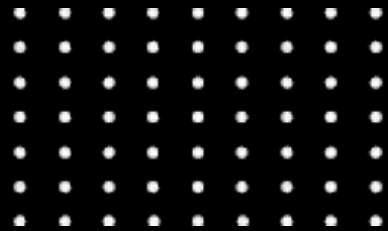




# Predicting Soccer Player Transfer Values





# Business Problem

How much is the player worth?

What are the factors determining Player Values?

Are Transfer Values determined by on-field performance?



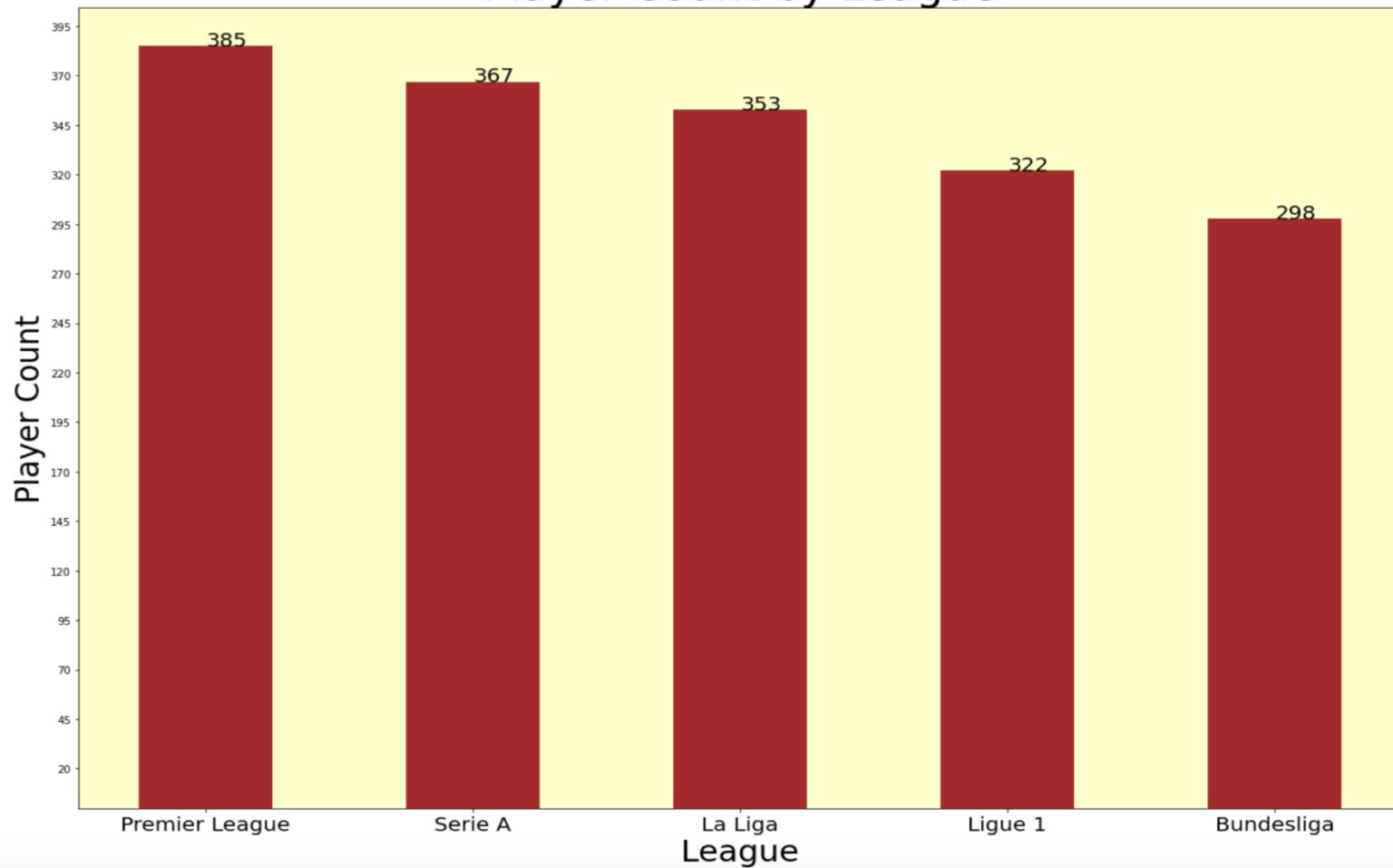
# Gathering Data



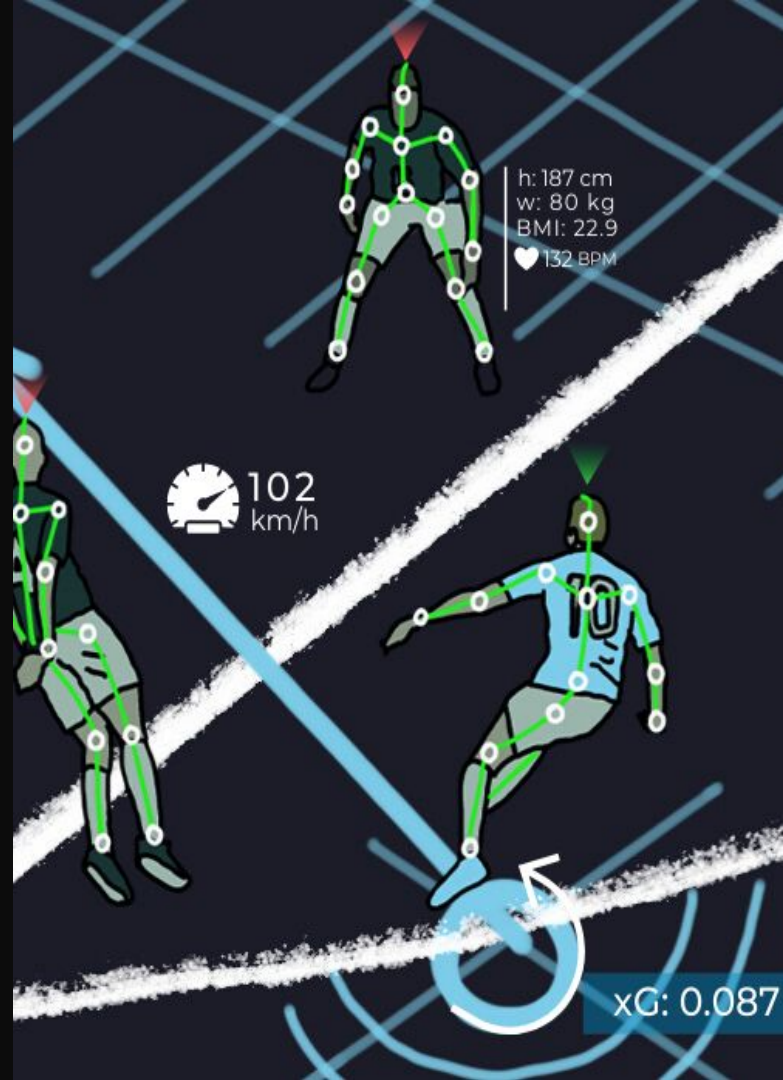
[Transfermarkt.co.uk](http://Transfermarkt.co.uk)



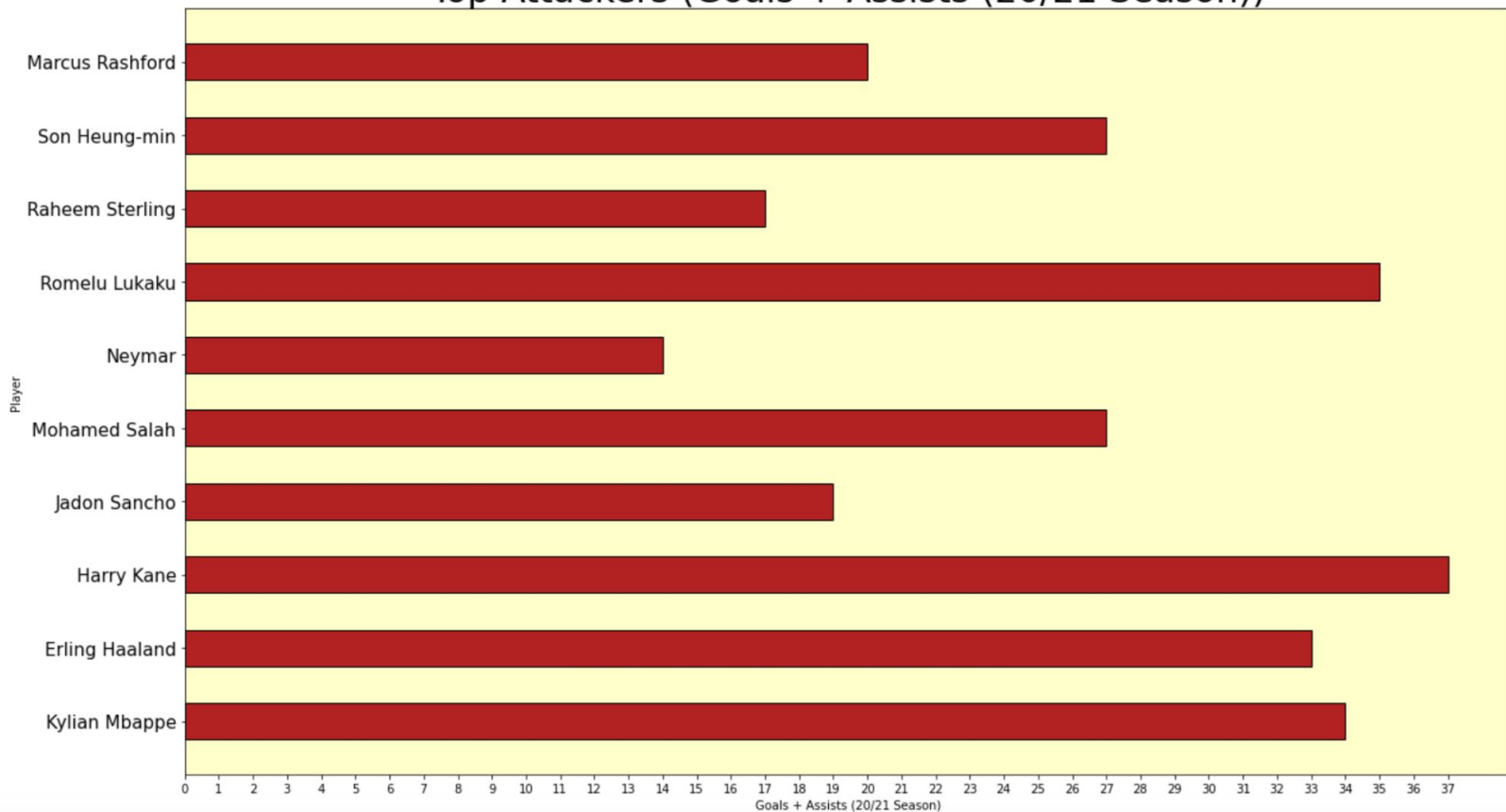
# Player Count by League



FBREF.com



Top Attackers (Goals + Assists (20/21 Season))

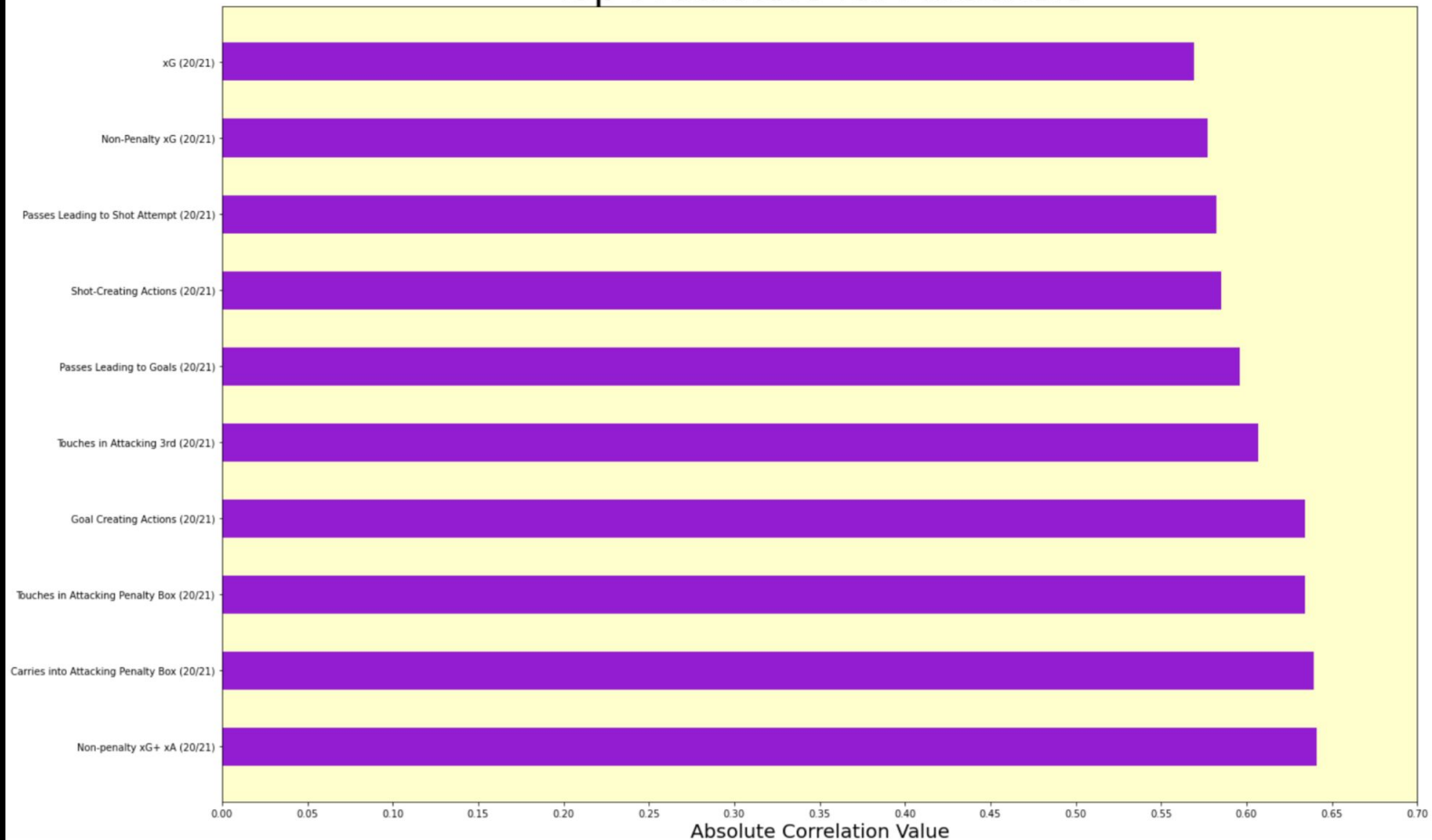


# Key Predictors

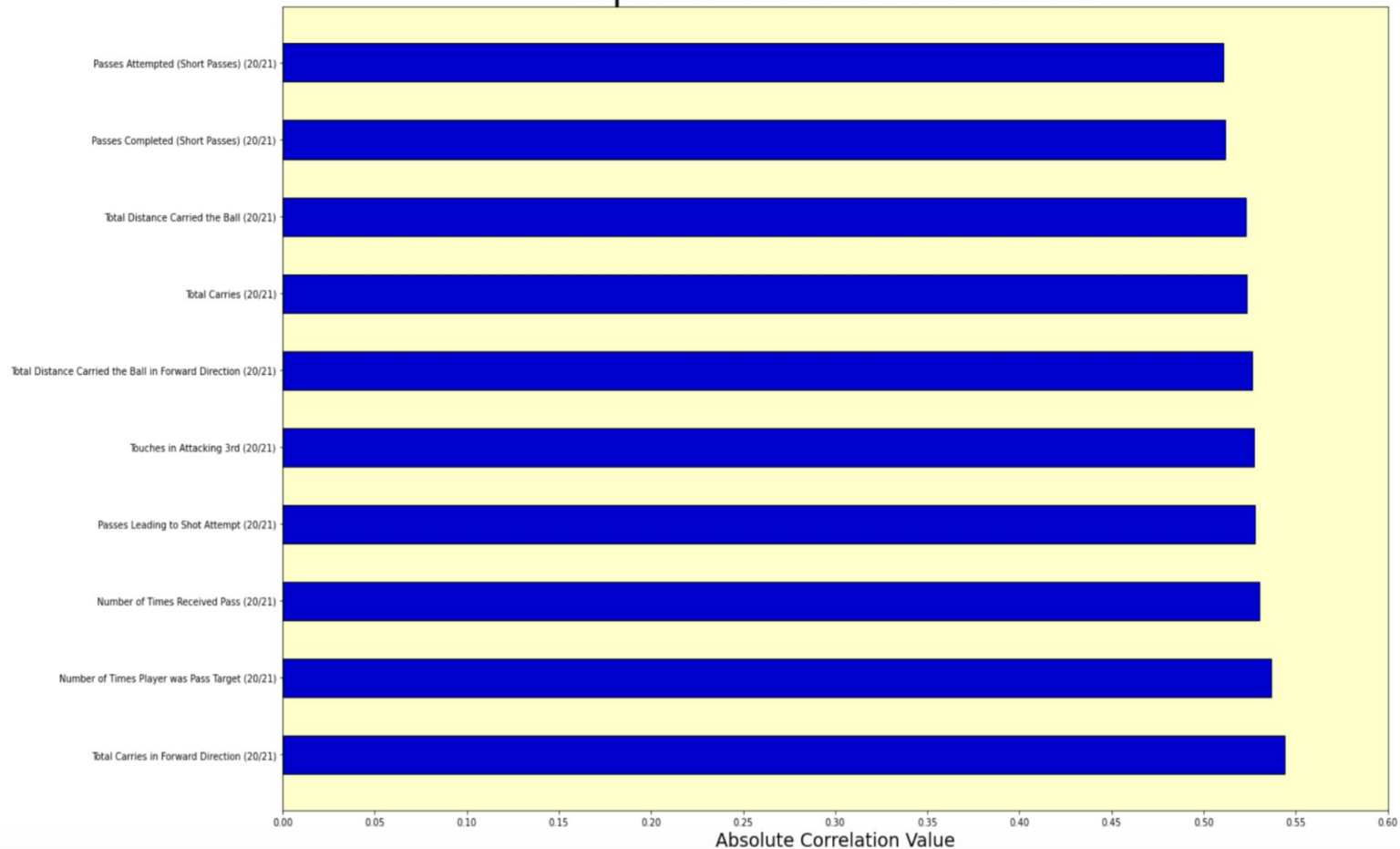




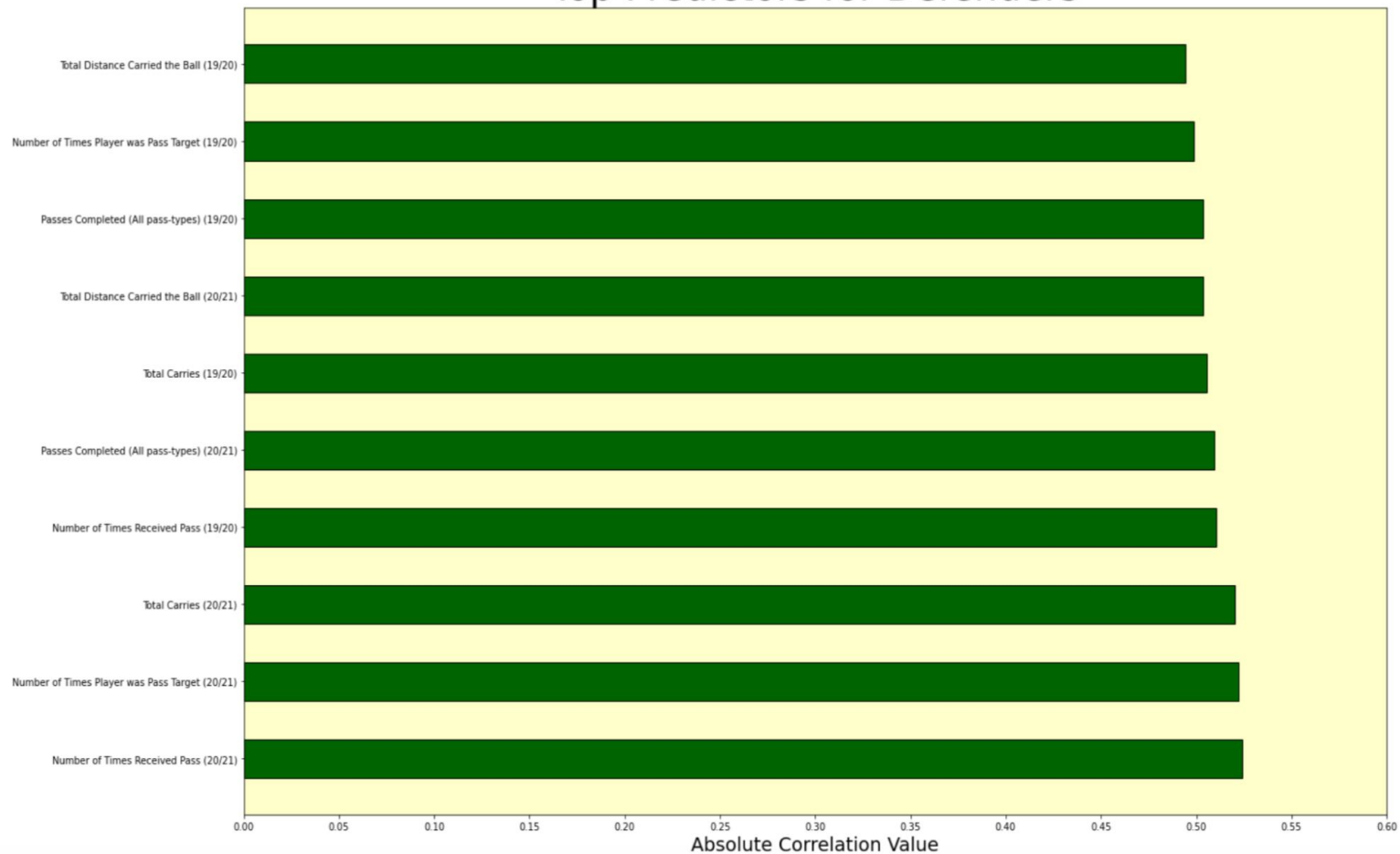
## Top Predictors for Attackers



## Top Predictors for Midfielders



## Top Predictors for Defenders



# Model Performances

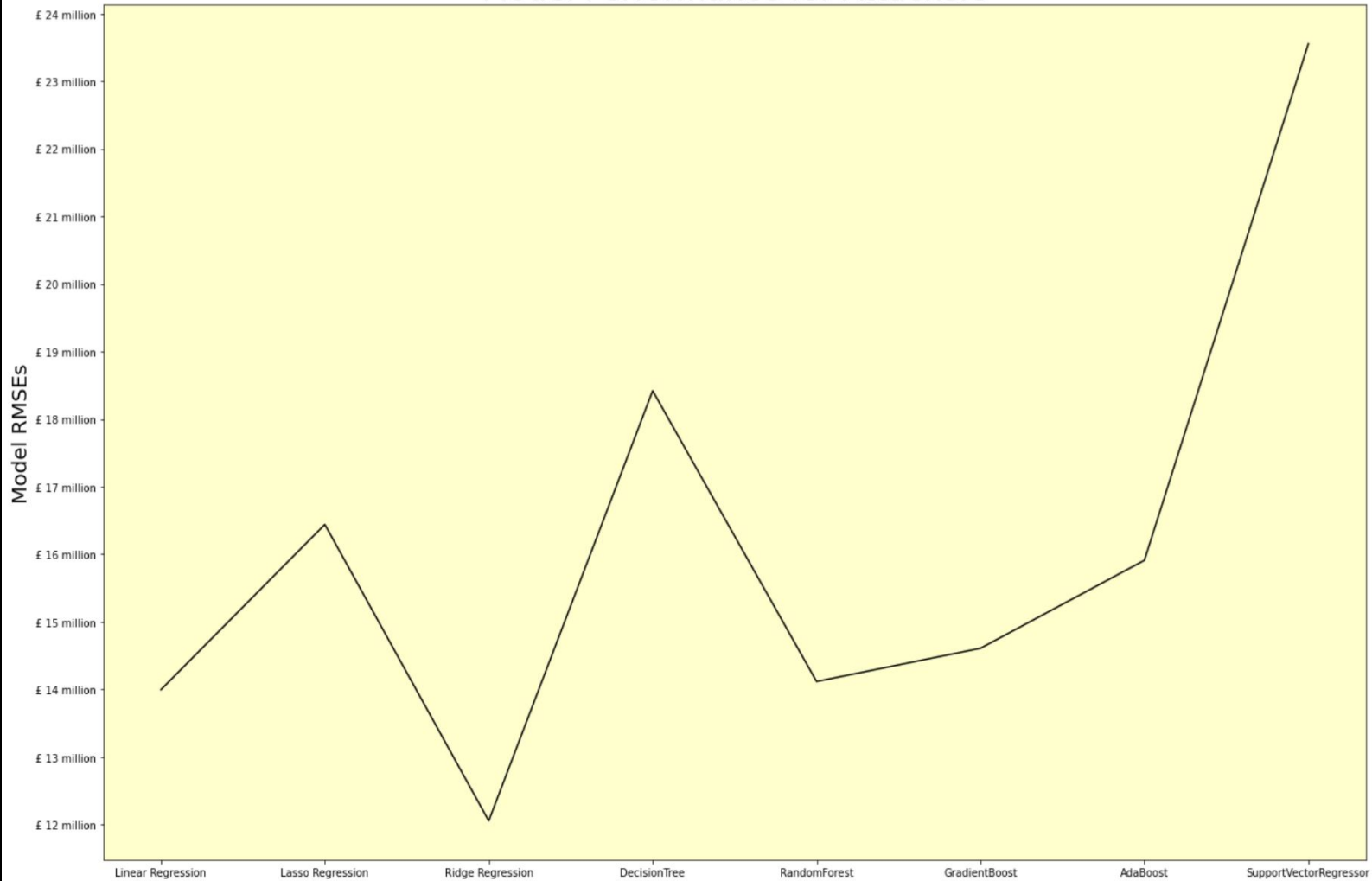




- Linear Regression
- L1 Regression
- L2 Regression
- Decision Tree
- Random Forest
- Gradient Boost
- AdaBoost Regression
- Support Vector Machine



# Model Performance for Attackers



# Model Performance for Midfielders

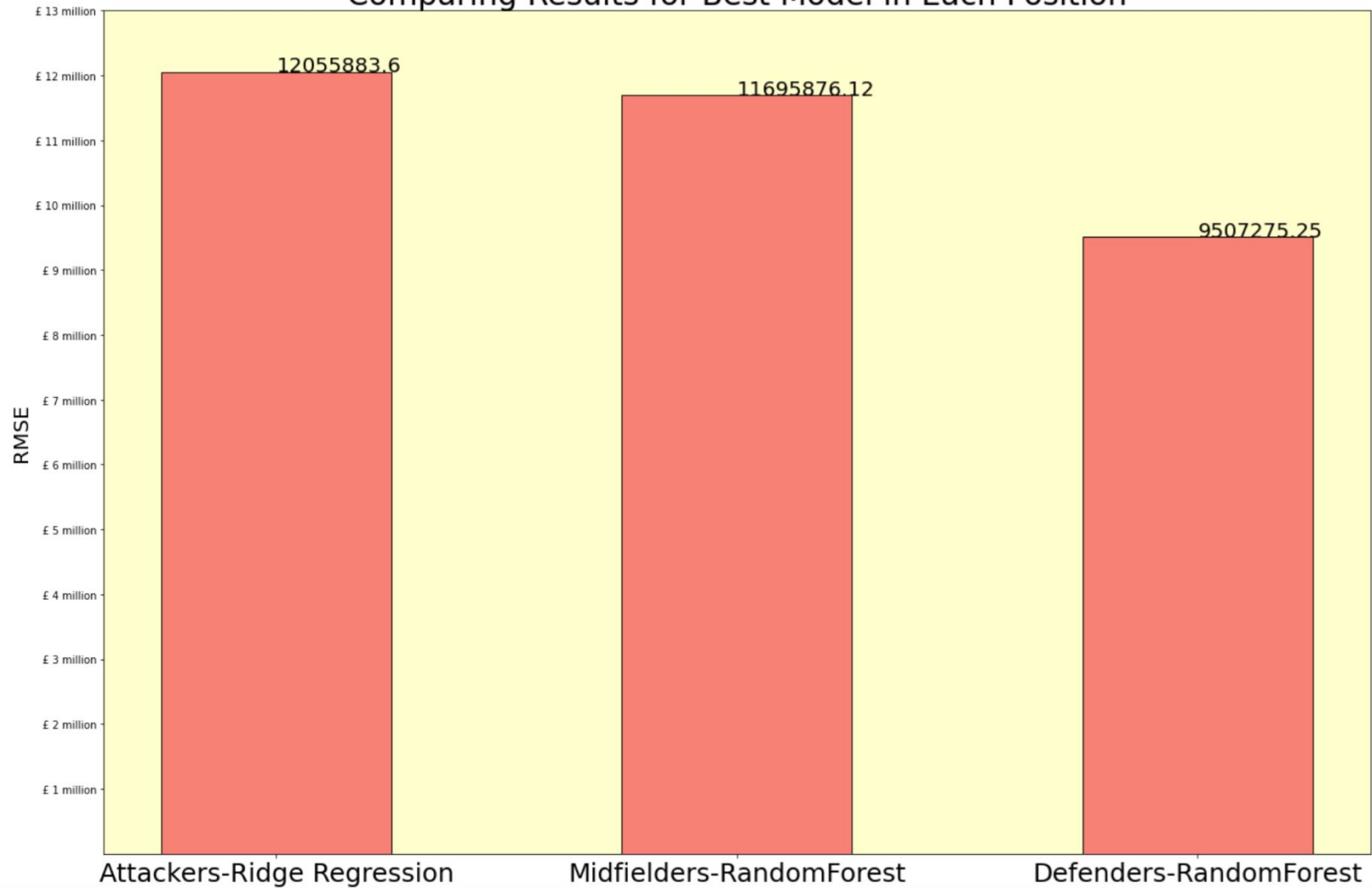


# Model Performance for Defenders





Comparing Results for Best Model in Each Position





# Key Takeaways

# Limitations & Next Steps

Equal Competitiveness

Diversity in Player Roles

Off-field metrics



# Thank You



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