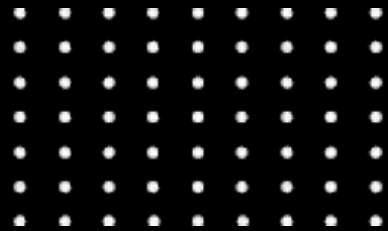




Predicting Soccer Player Transfer Values





Business Problem

How much is the player worth?

What are the factors determining Player Values?

Are Transfer Values determined by on-field performance?

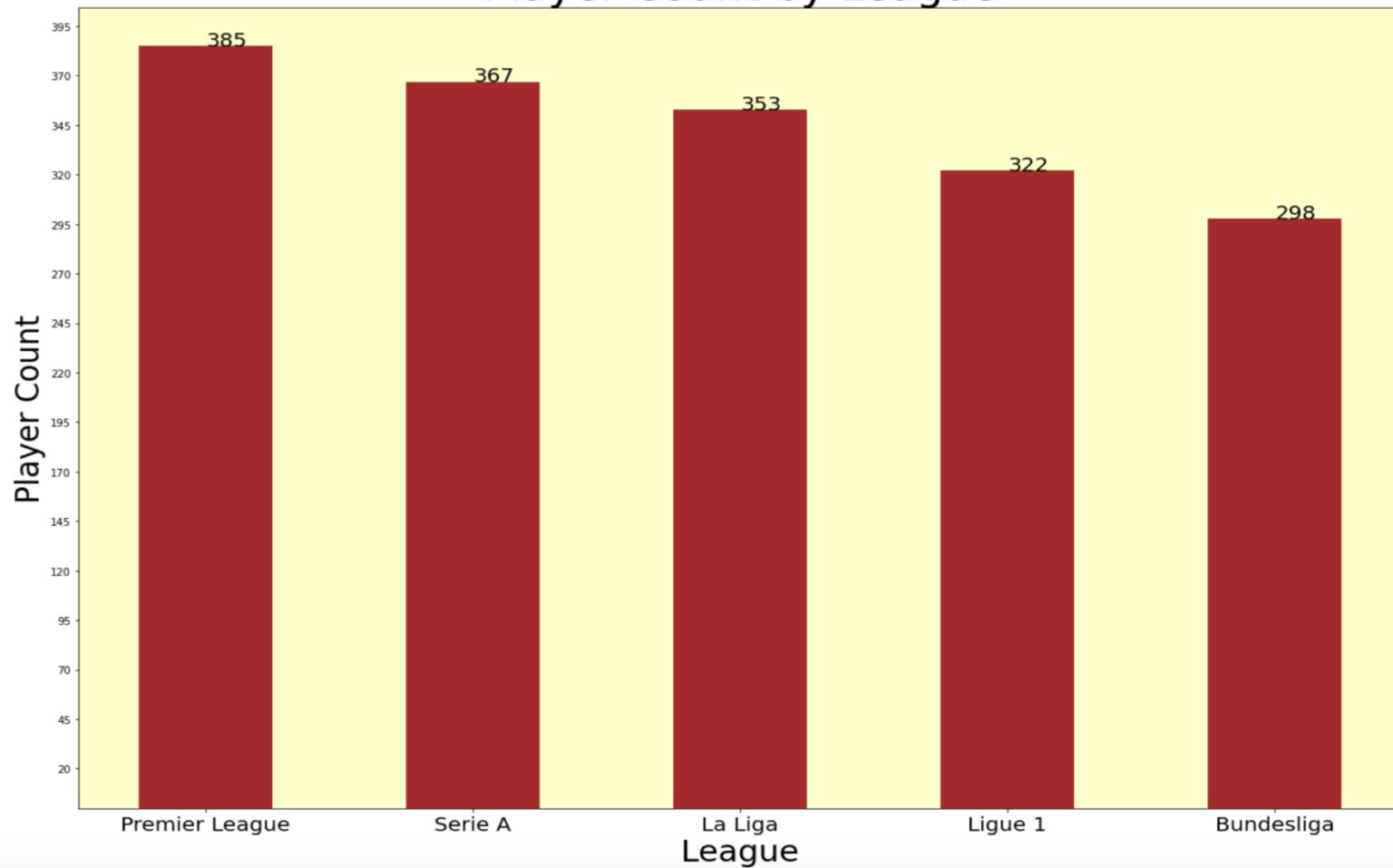
Gathering Data



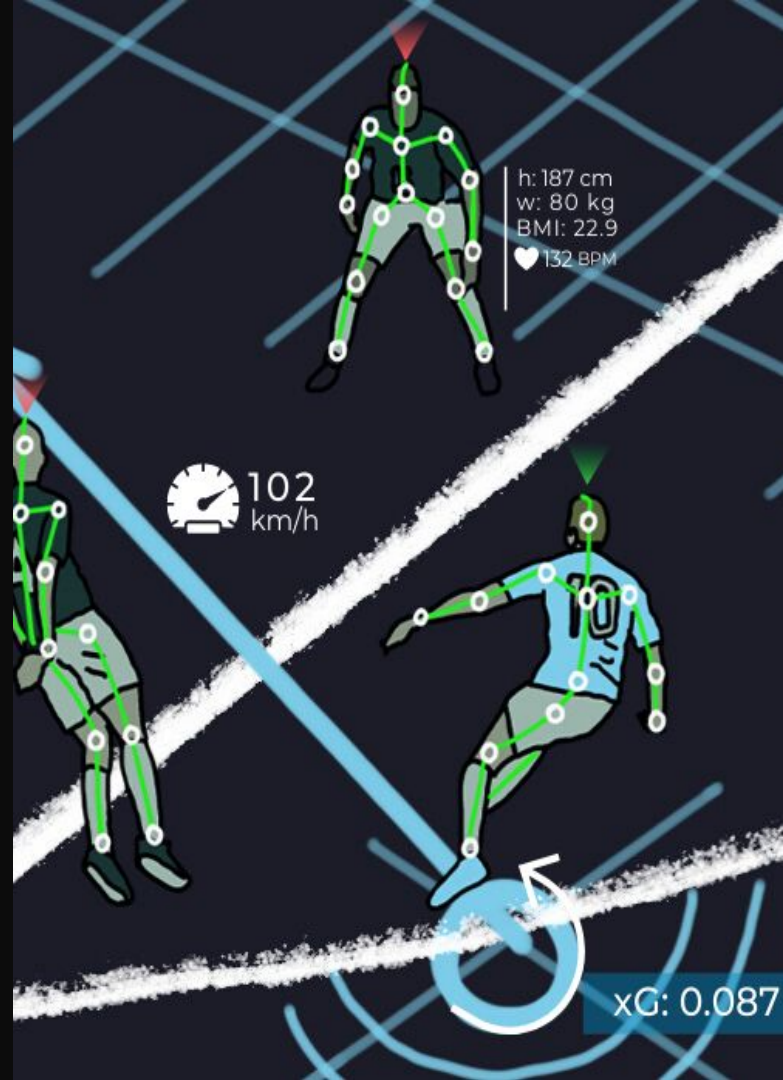
Transfermarkt.co.uk



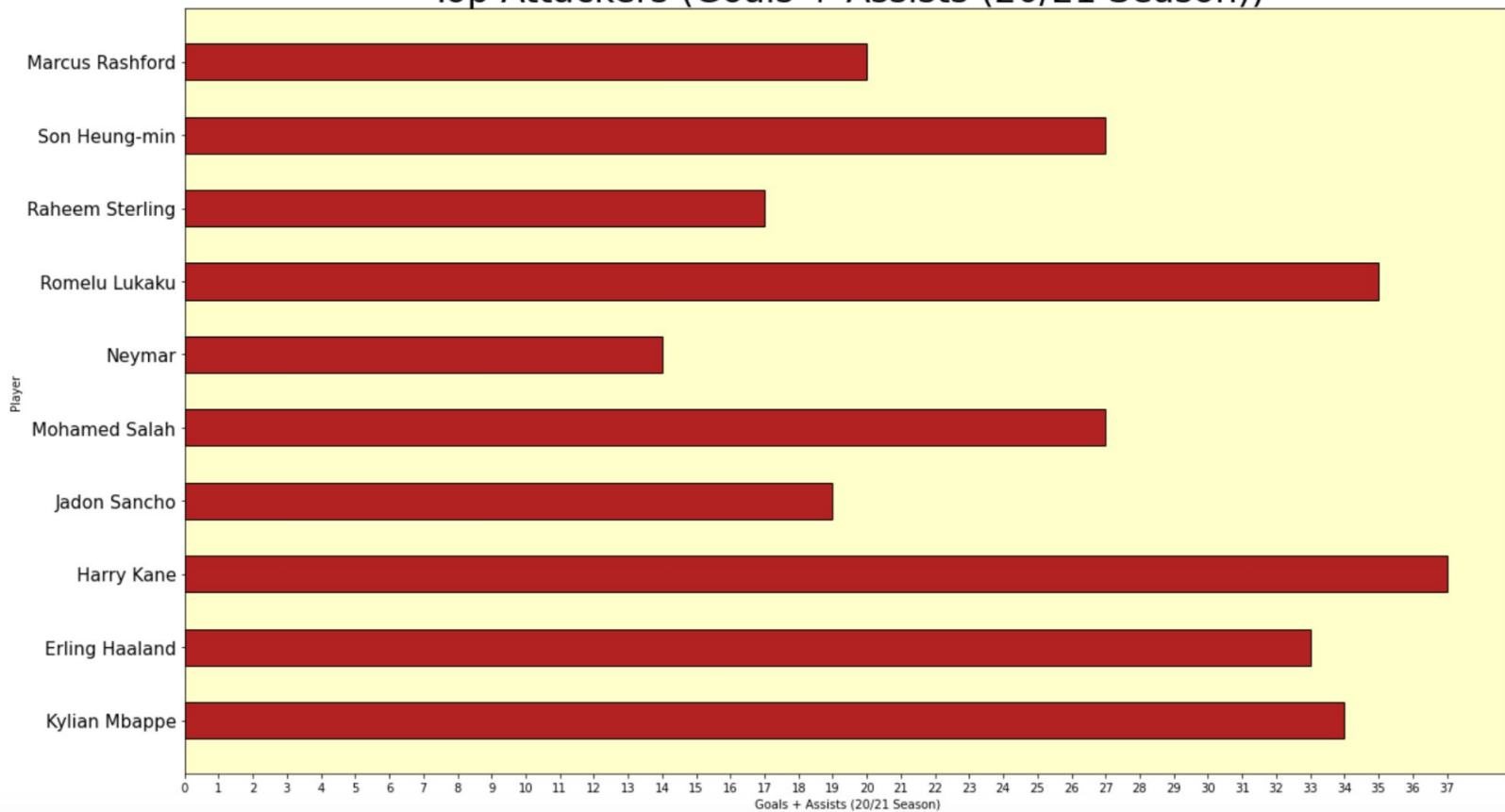
Player Count by League



FBREF.com



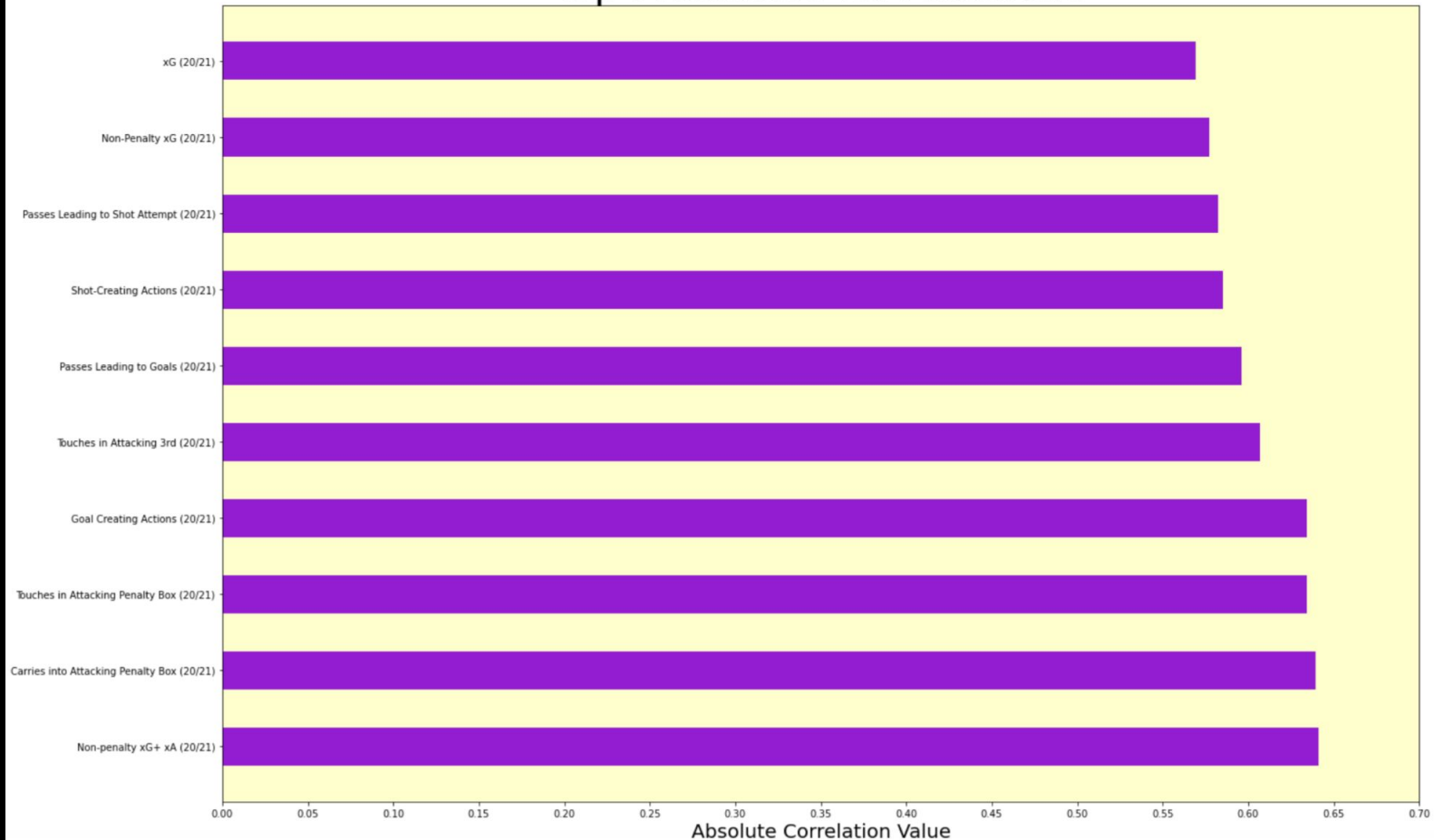
Top Attackers (Goals + Assists (20/21 Season))



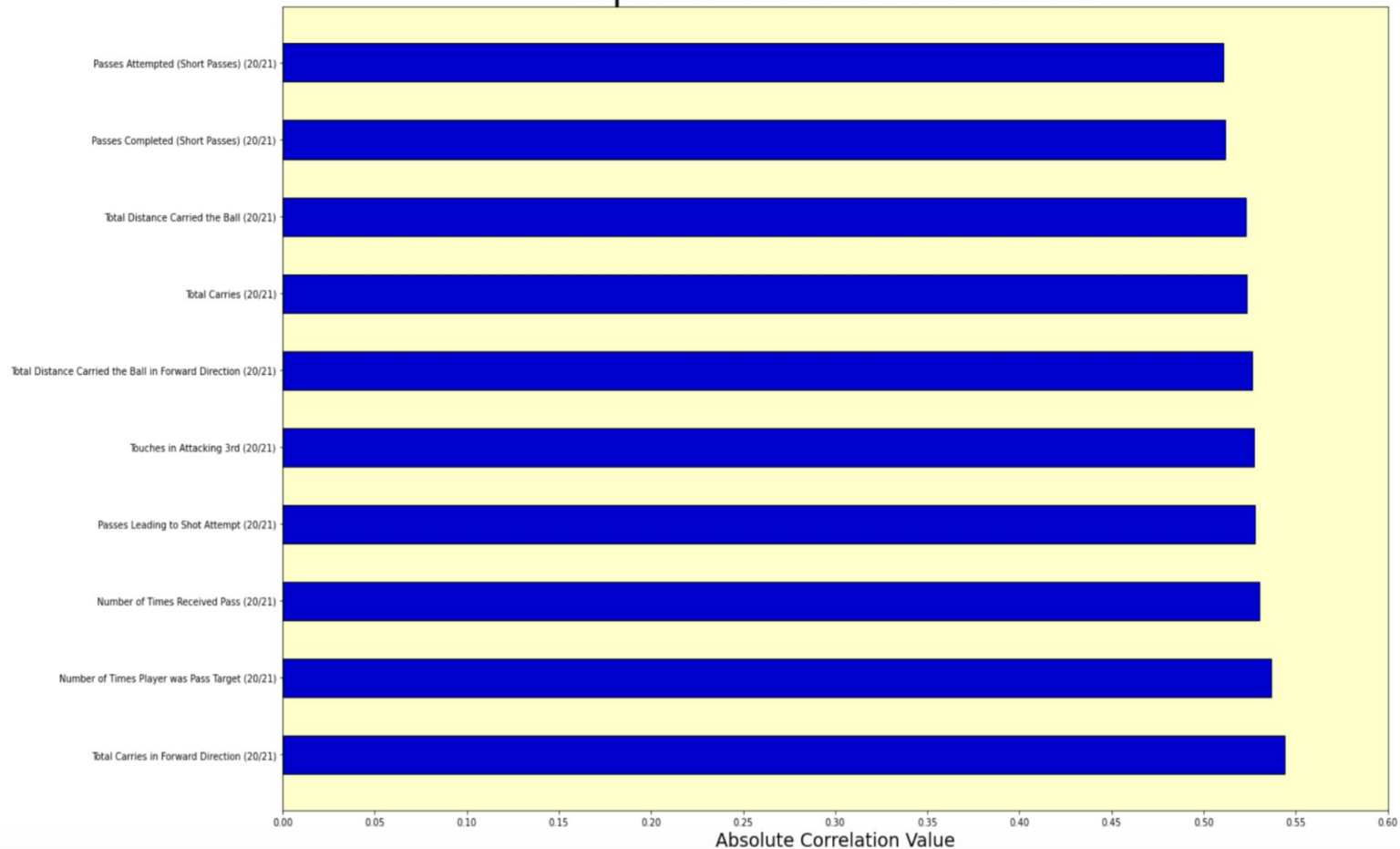
Key Predictors



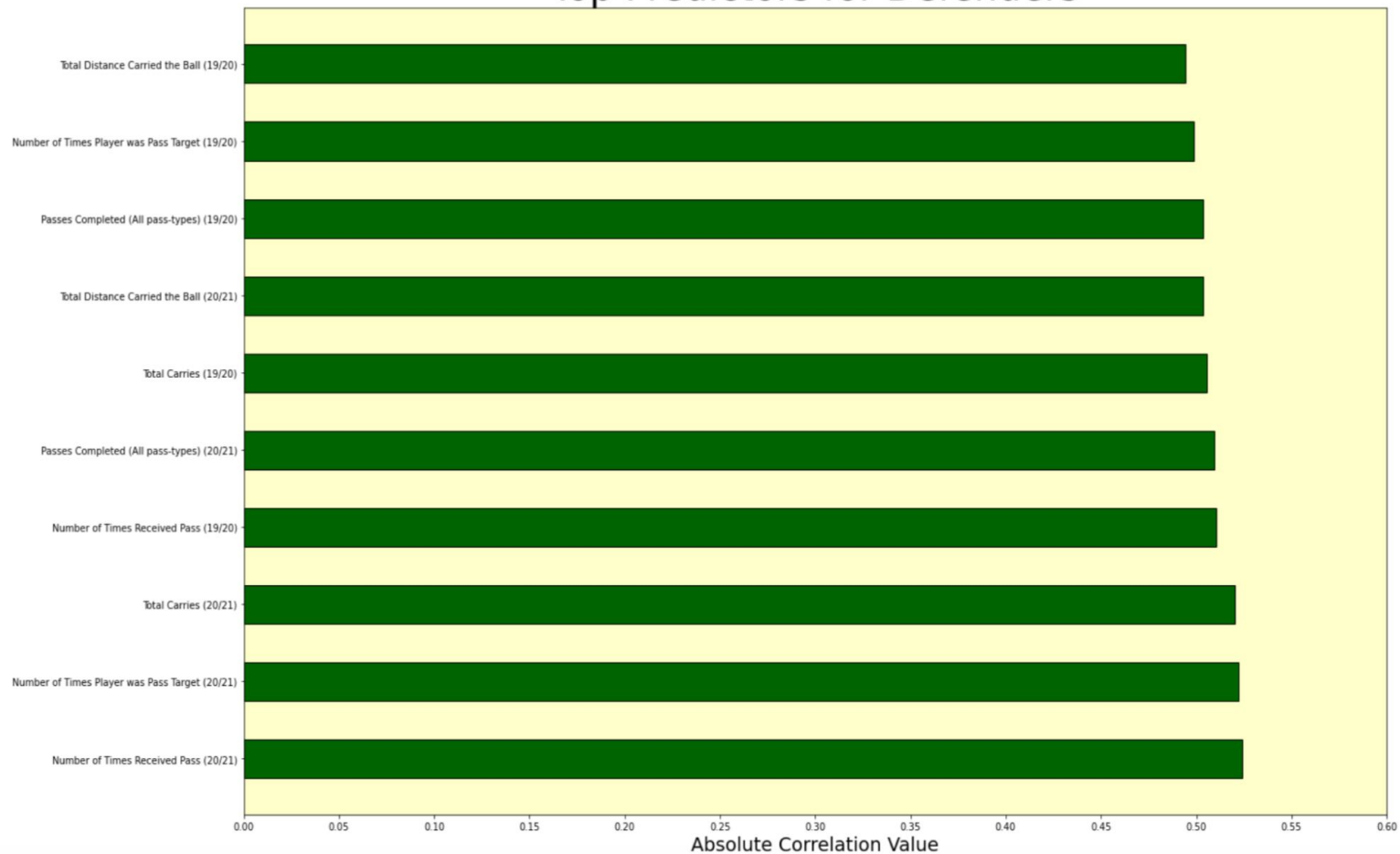
Top Predictors for Attackers



Top Predictors for Midfielders



Top Predictors for Defenders



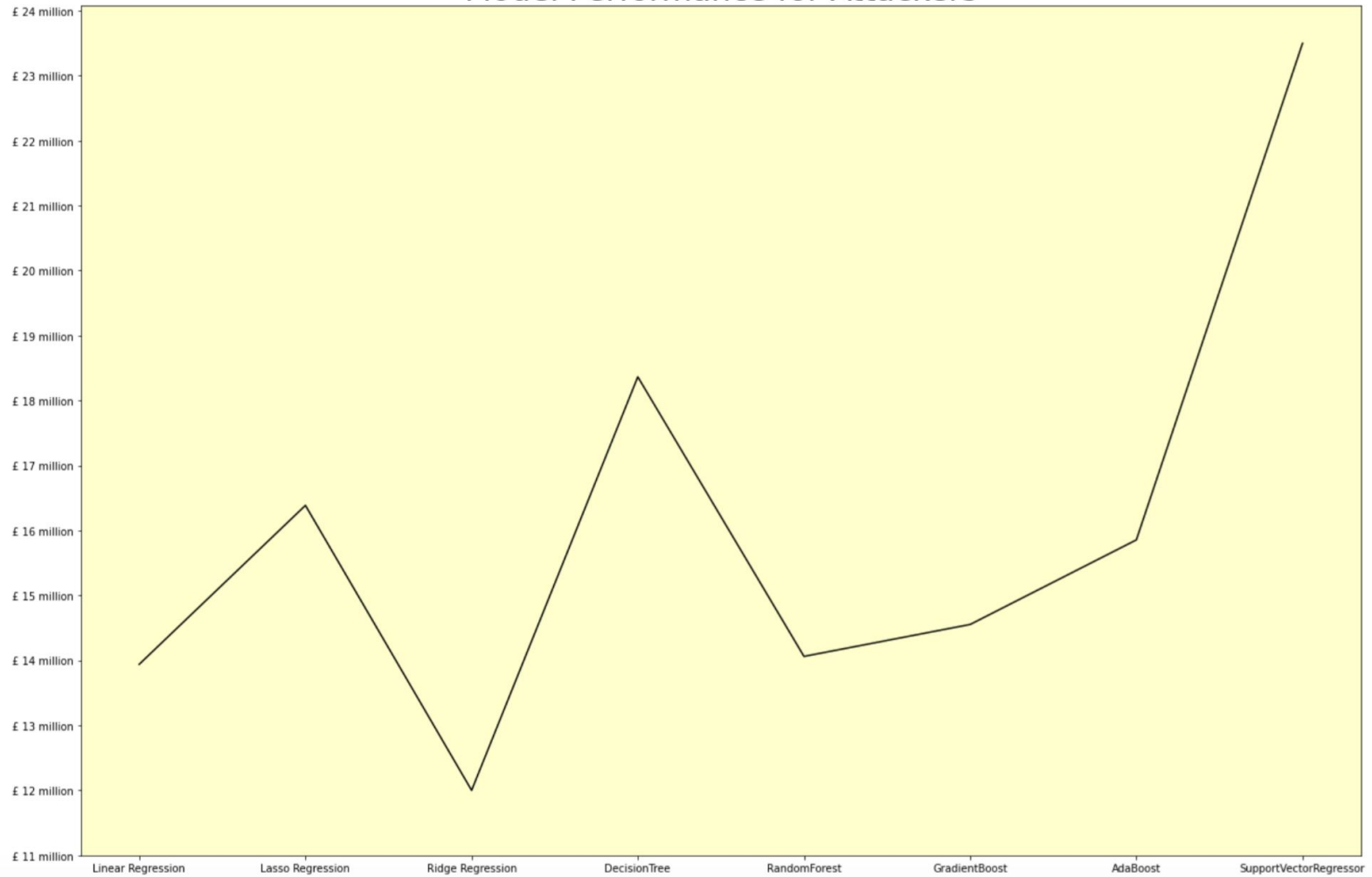
Model Performances



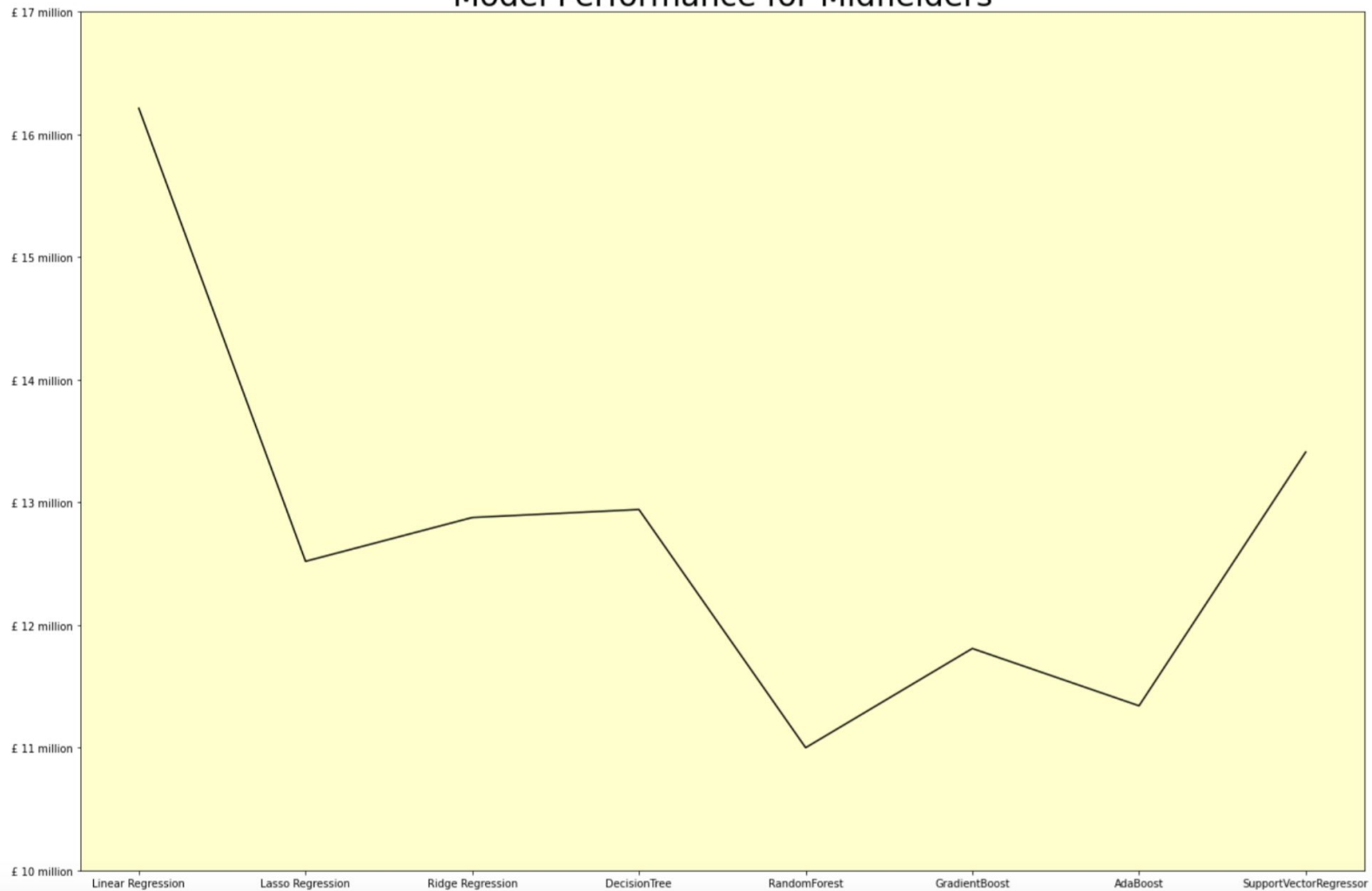
- Linear Regression
- L1 Regression
- L2 Regression
- Decision Tree
- Random Forest
- Gradient Boost
- AdaBoost Regression
- Support Vector Machine



Model Performance for Attackers



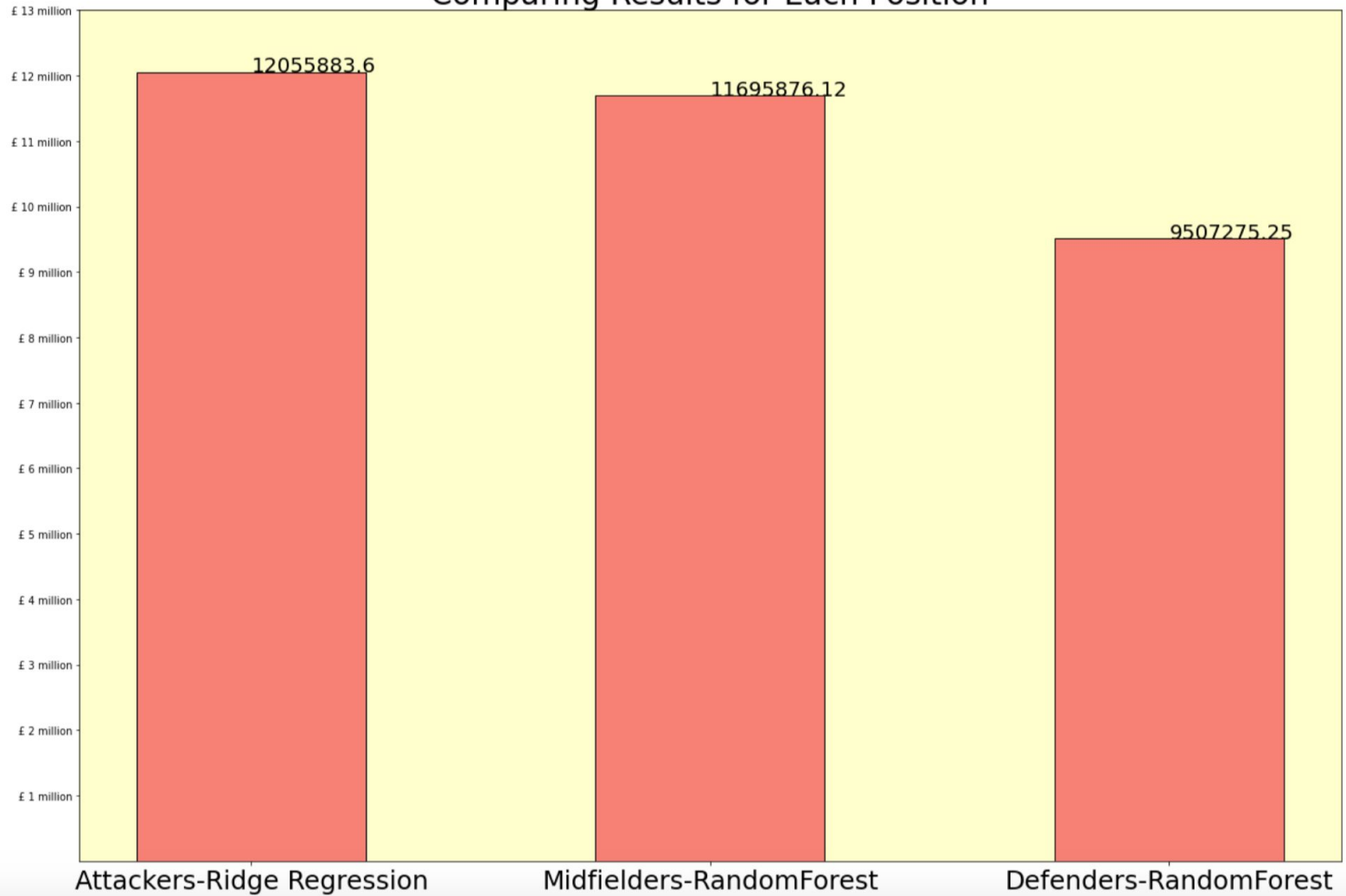
Model Performance for Midfielders



Model Performance for Defenders



Comparing Results for Each Position





Key Takeaways



Limitations & Next Steps

Equal Competitiveness

Diversity in Player Roles

Off-field metrics

Thank You



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