

# Predicting College Basketball Games for the 2020-21 Season

## Dream Team

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# Problem

**Predict the outcome and point differential of college basketball games**





# Goal

- Beat 55% Accuracy

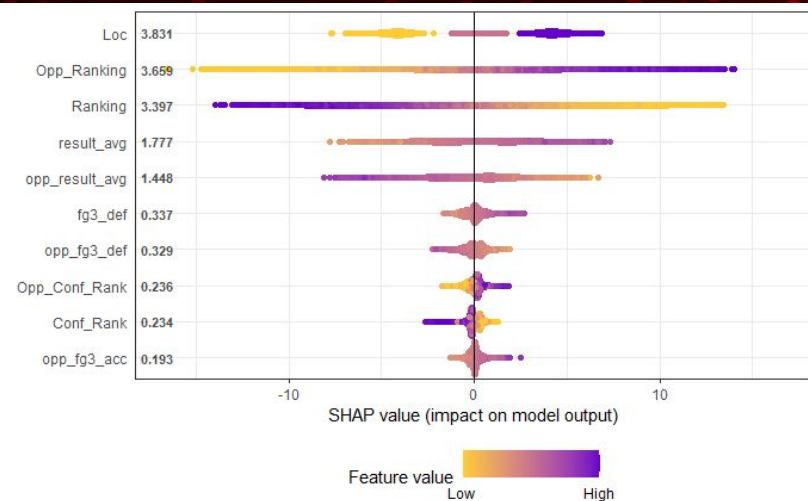
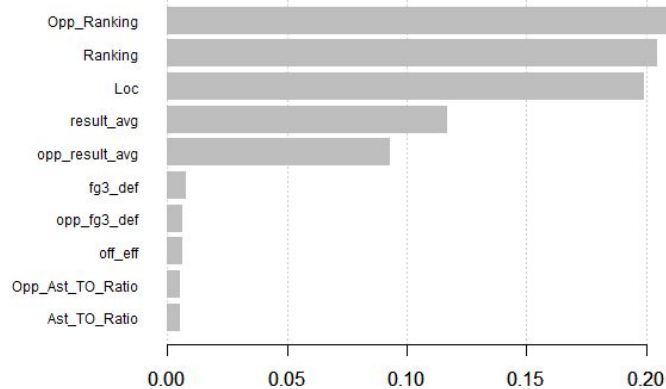
# Why

- Gambling
- Recruitment
- Load Management

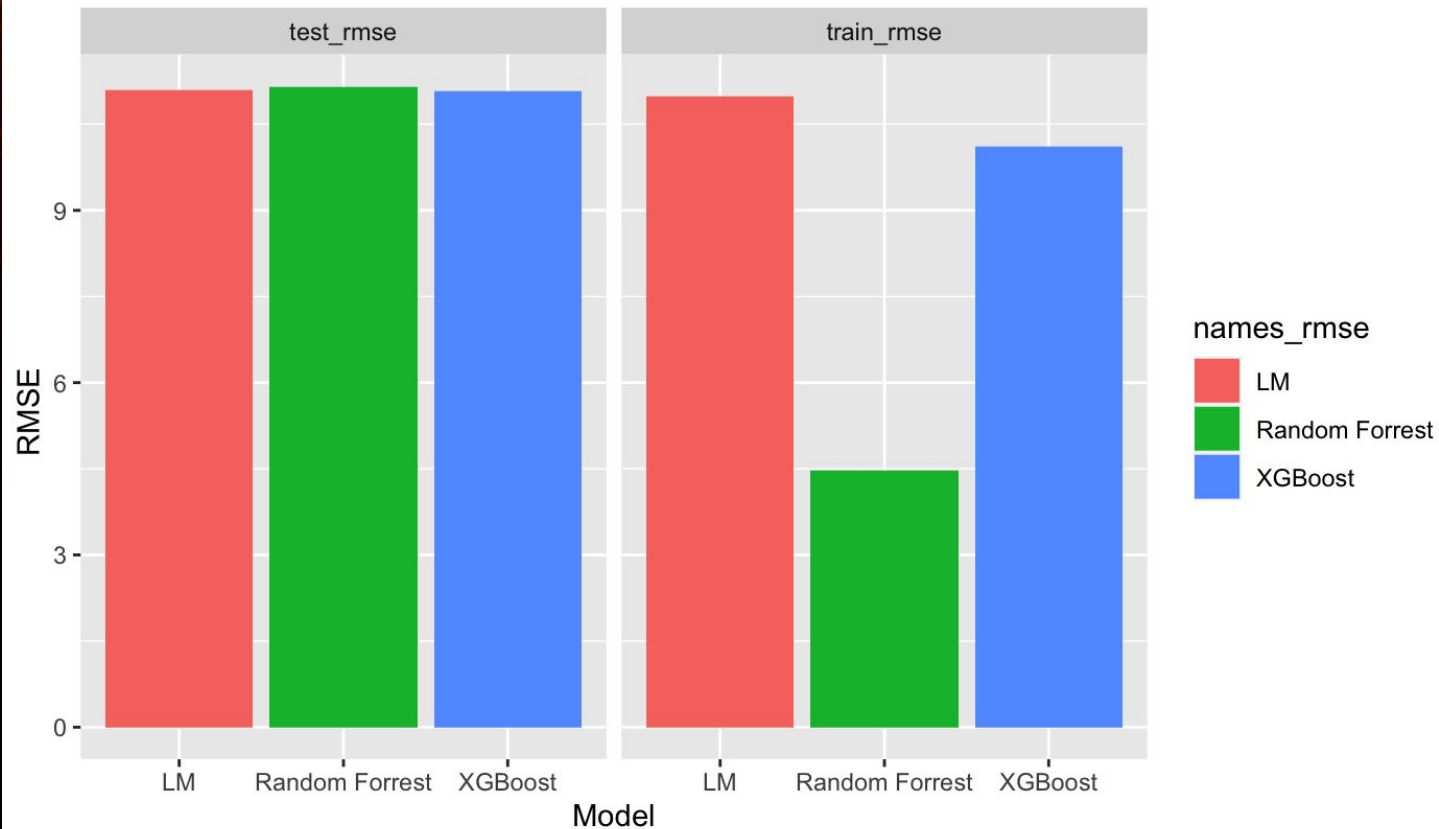
# Methodology & Solution

	<u>Accuracy</u>		<u>RMSE</u>	
	<u>Men's</u>	<u>Women's</u>	<u>Men's</u>	<u>Women's</u>
Linear Model	73.1%	73.2%	11.09	13.41
Random Forest	72.75%	72.72%	11.16	13.25
XGBoost	73.2%	75.16%	11.07	12.49

# Findings - Men's Game

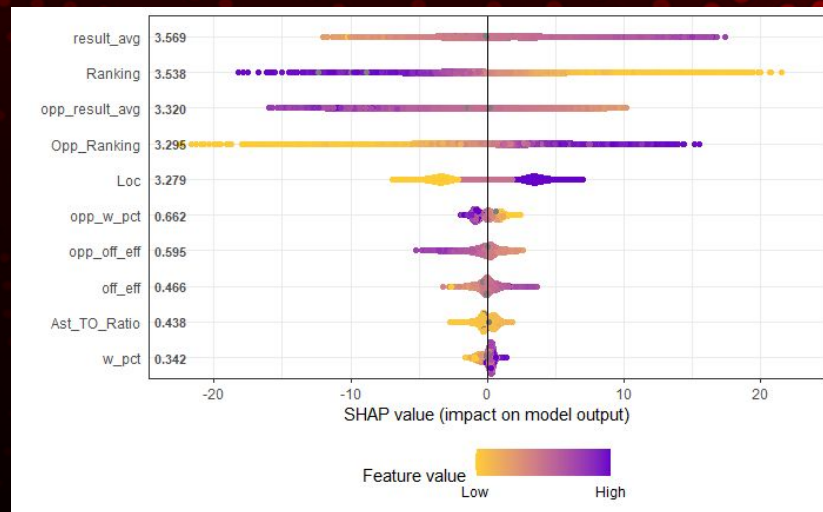
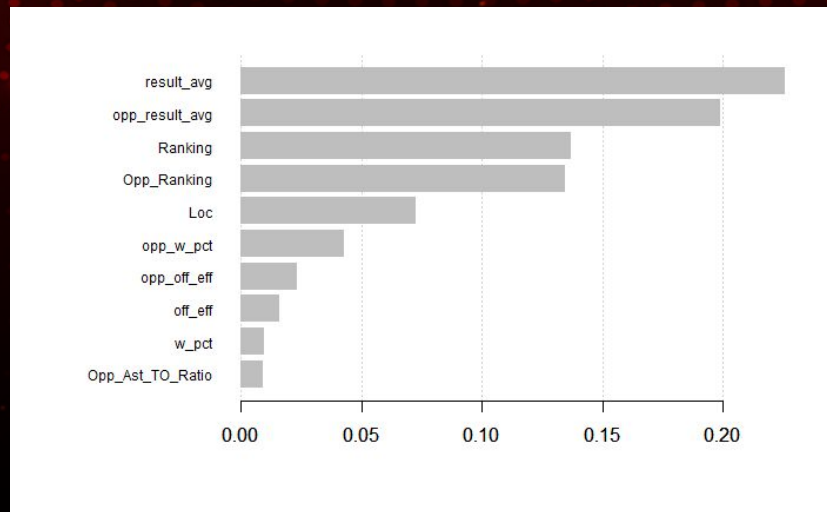


Comparison of RMSE for Men



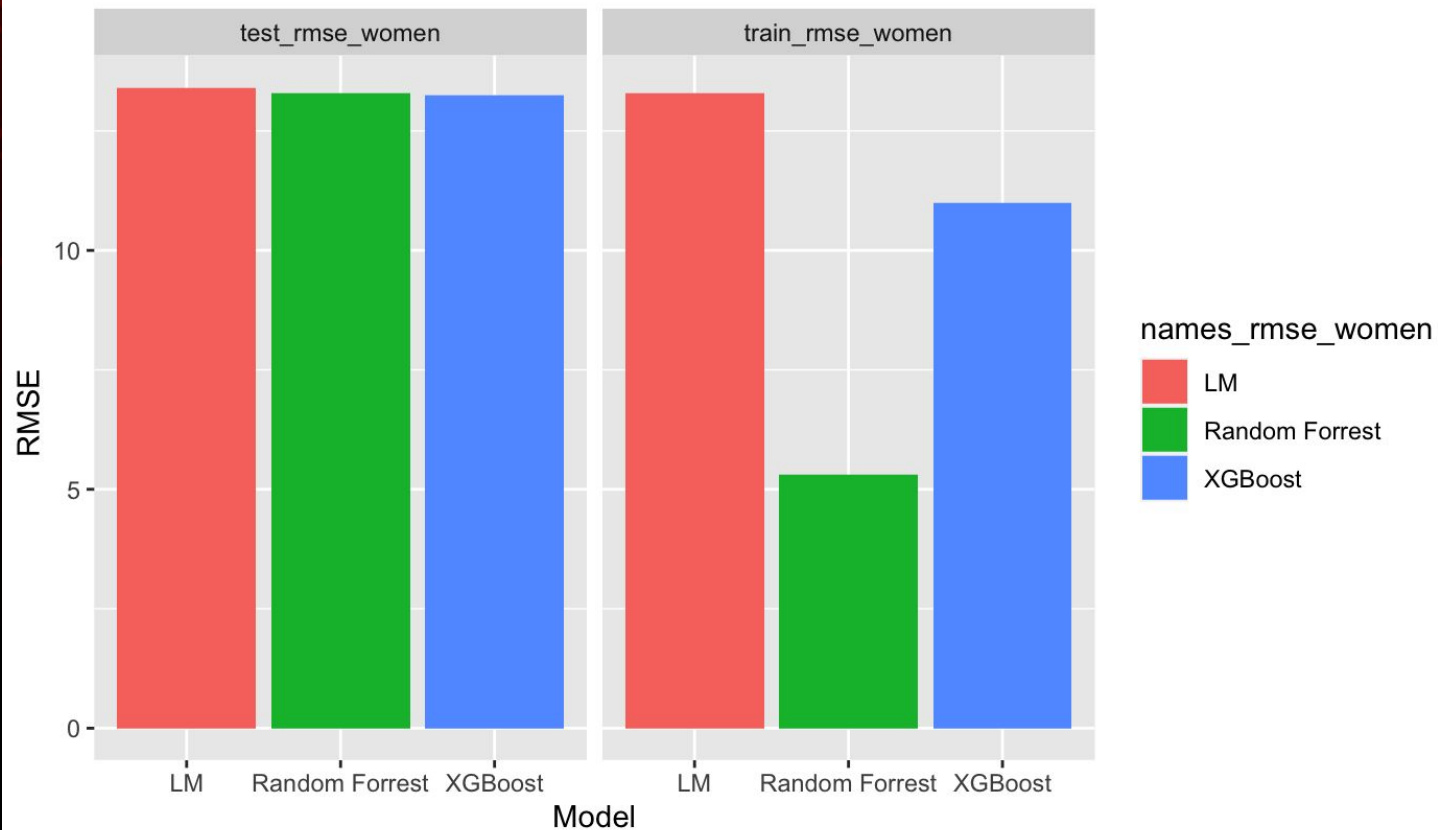


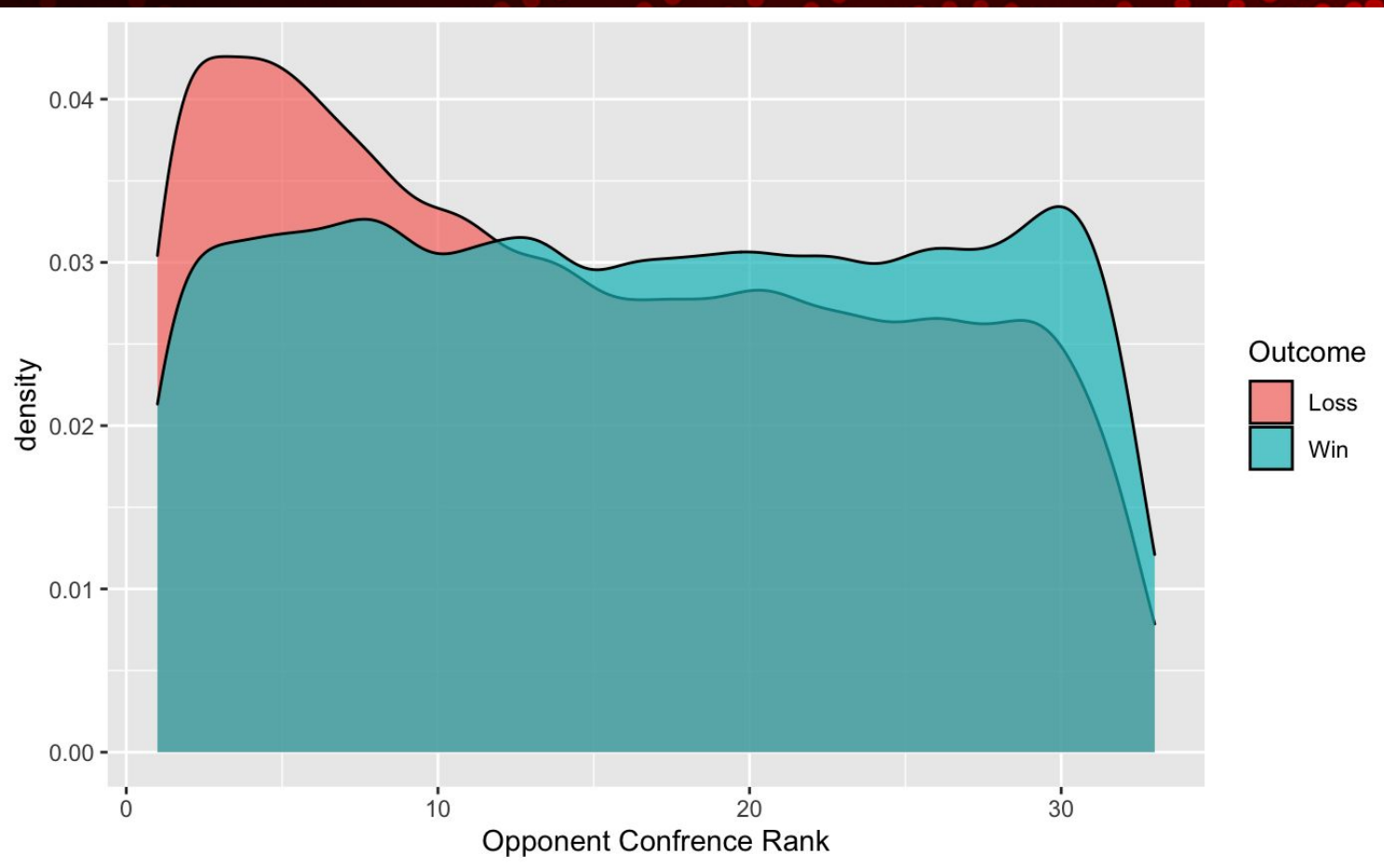
# Findings - Women's Games

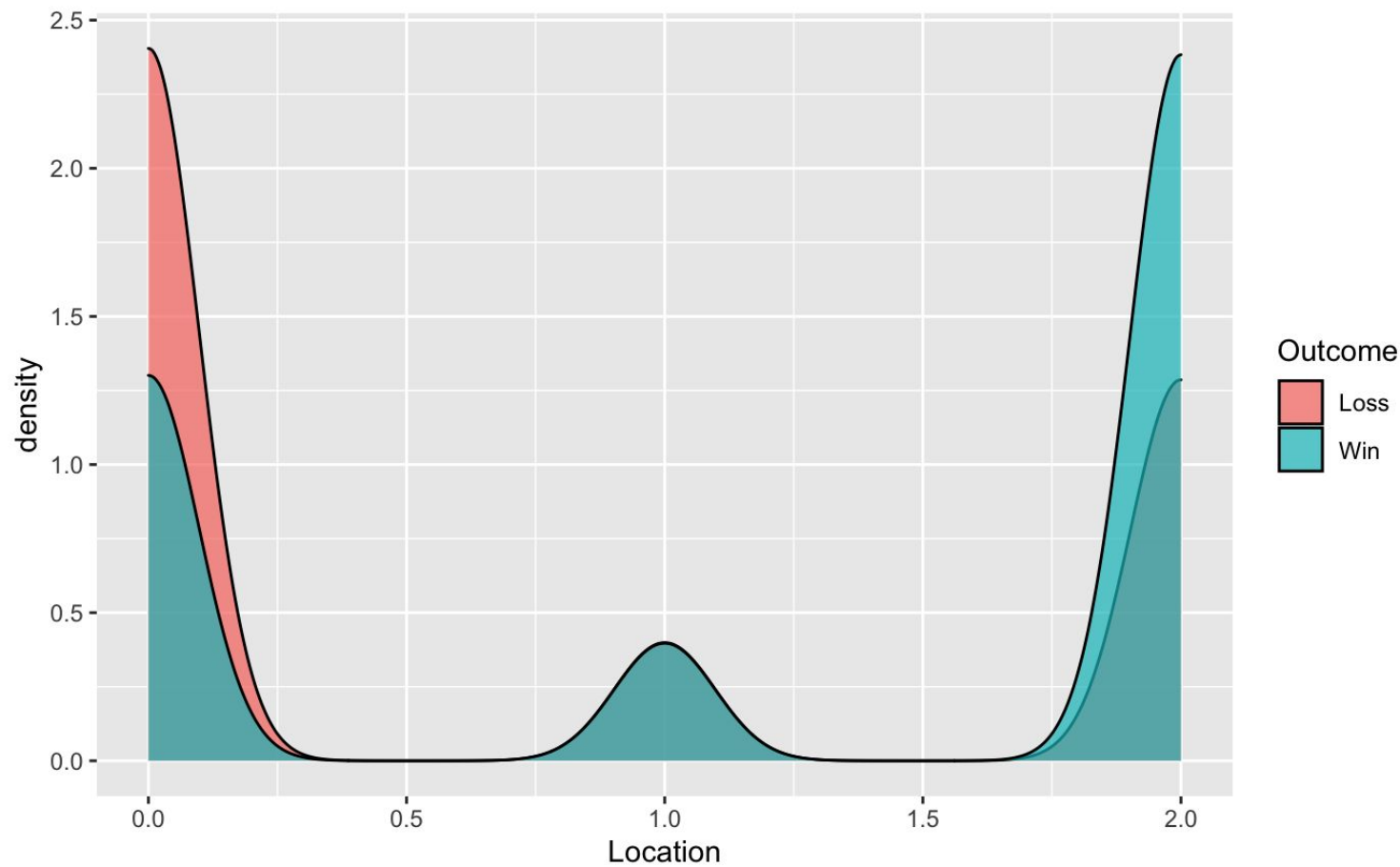


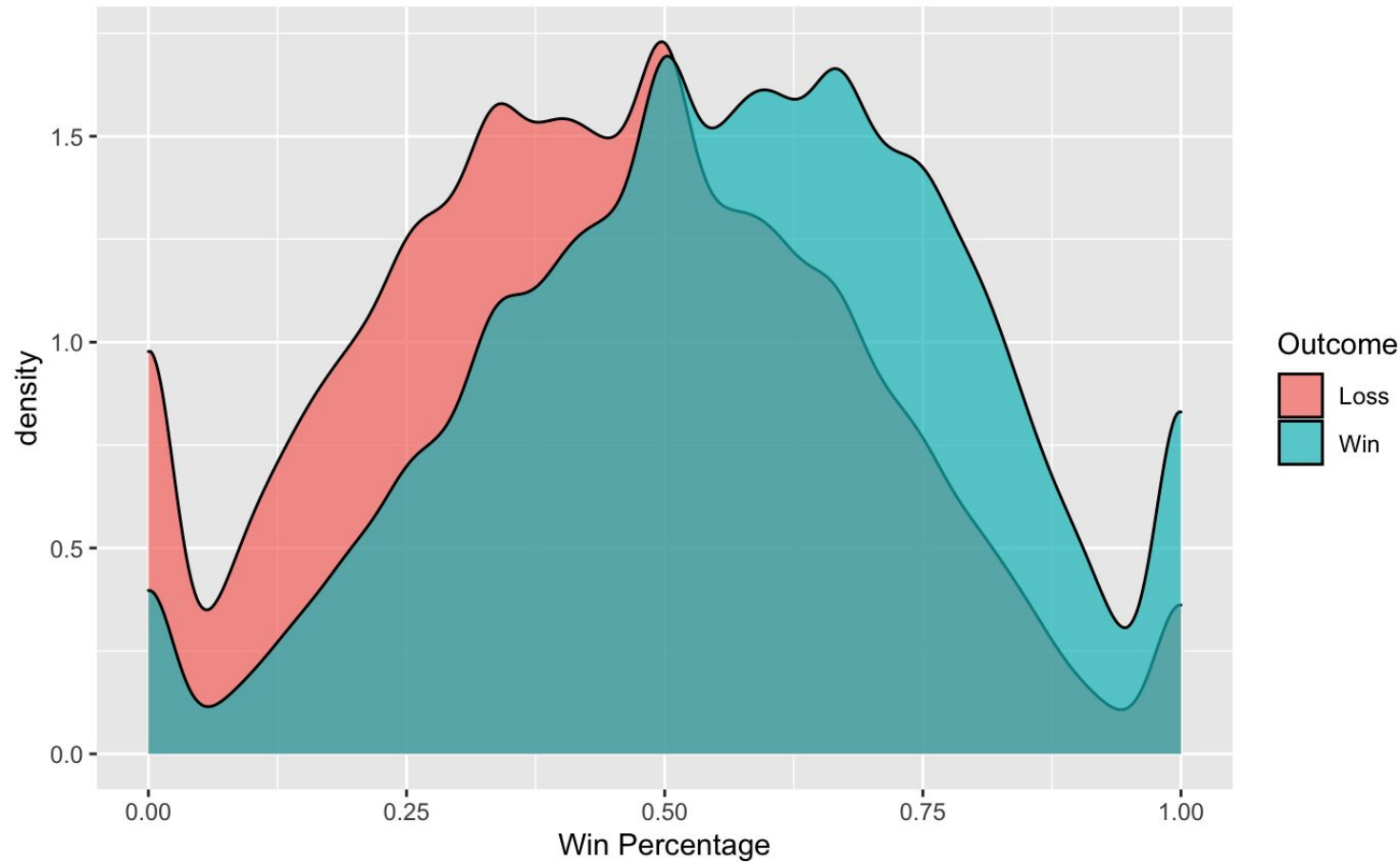


# Comparison of RMSE for Women

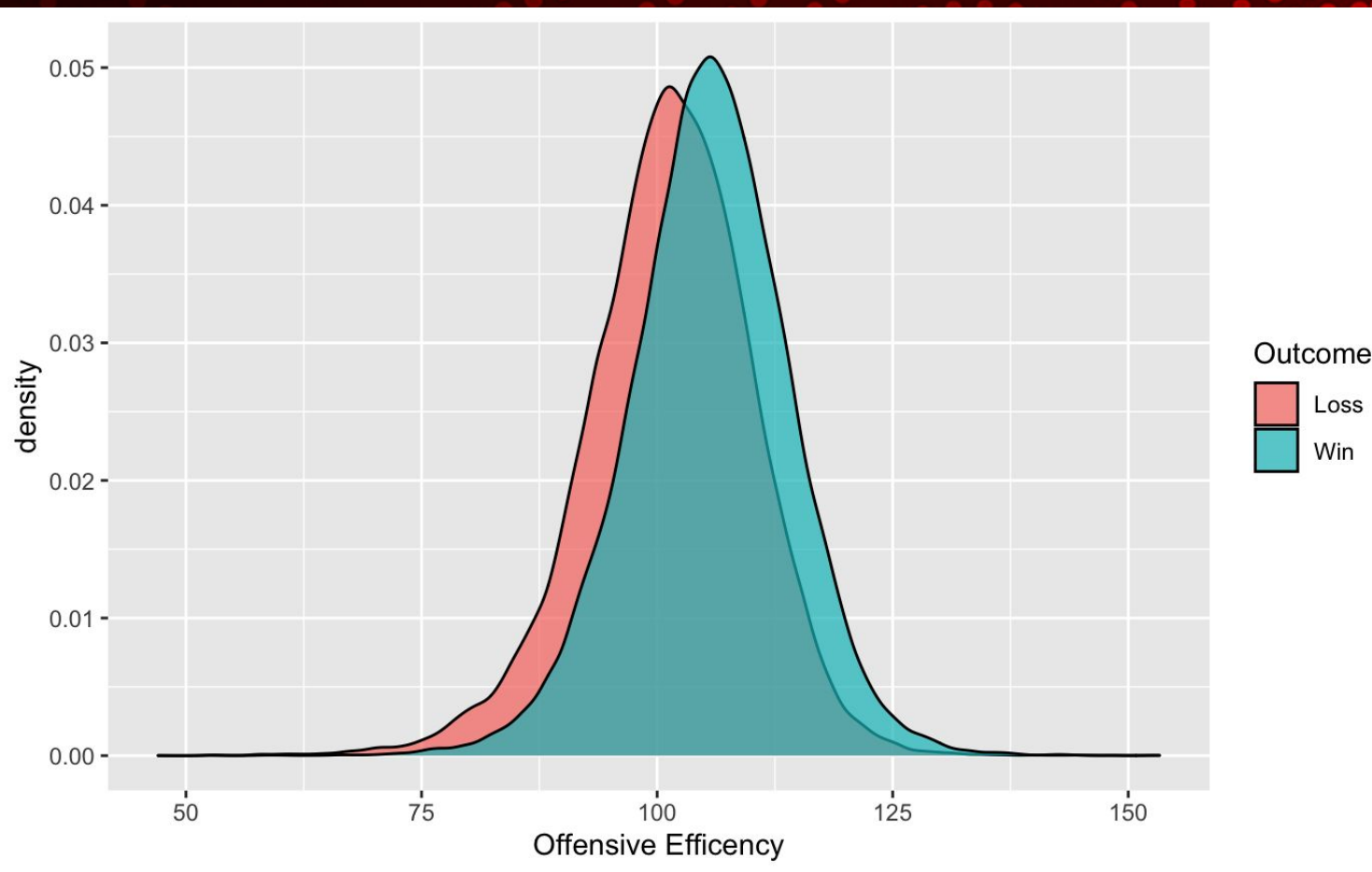


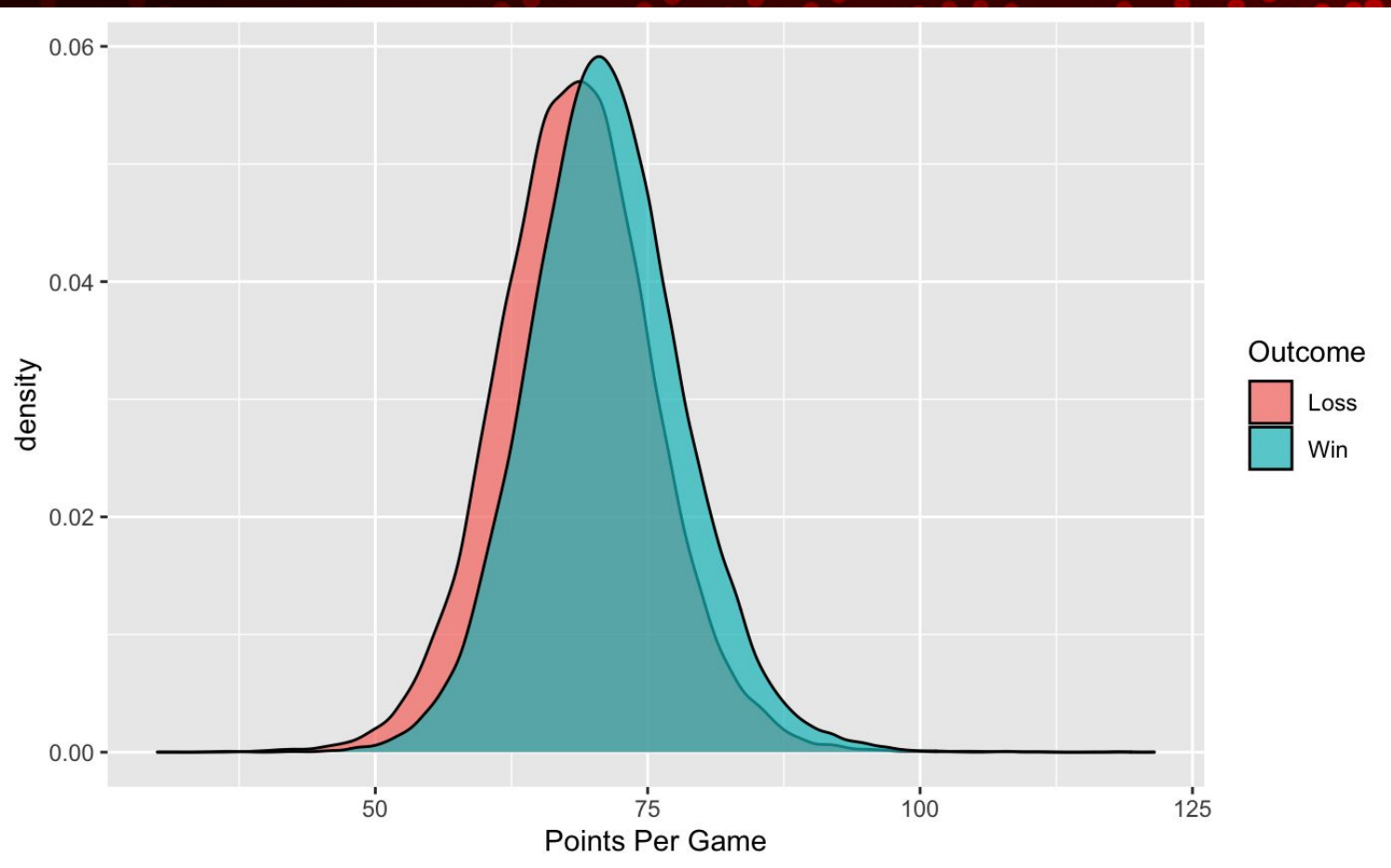


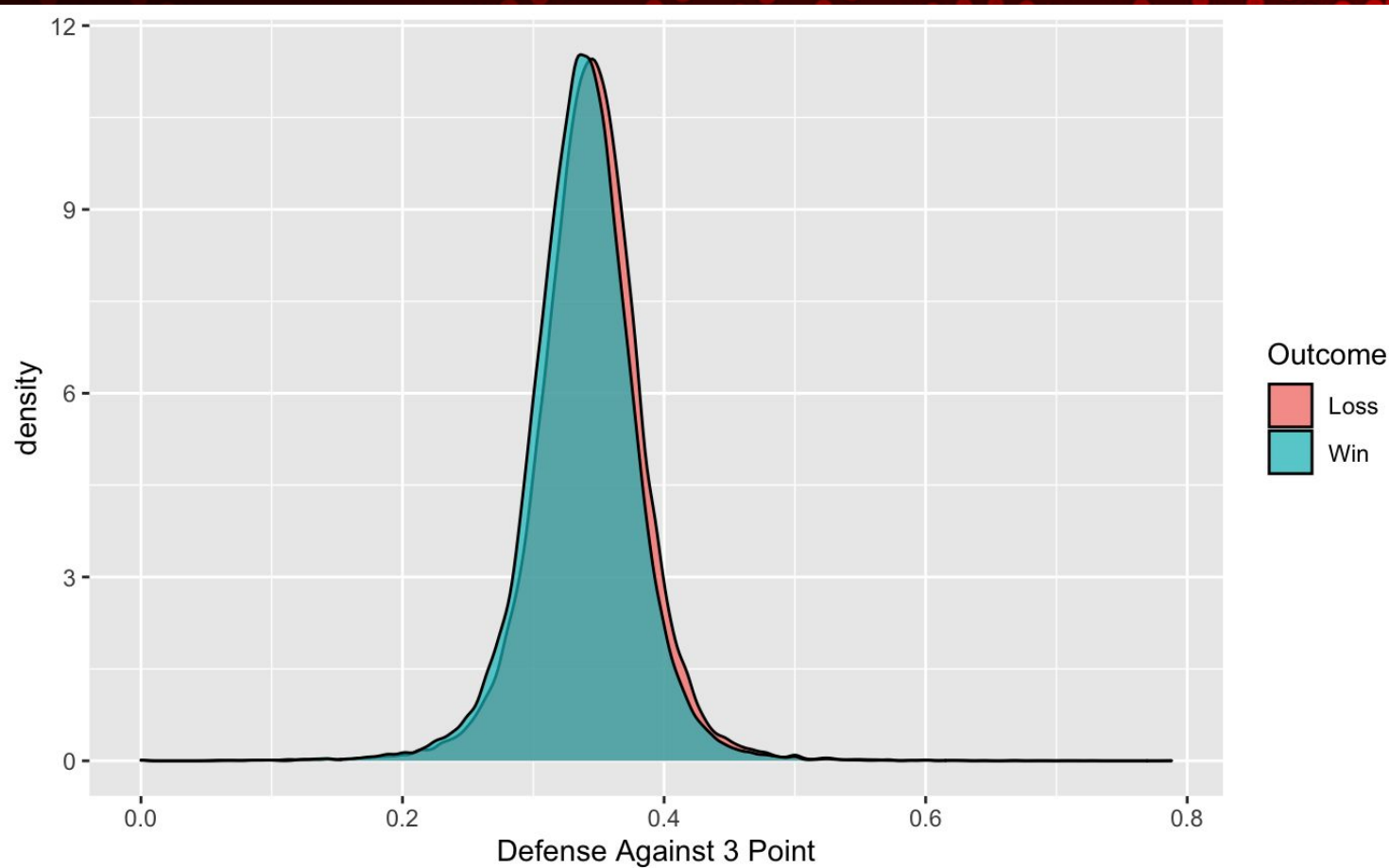














# Shiny

[Click here to access to the Shiny app link](#)

