

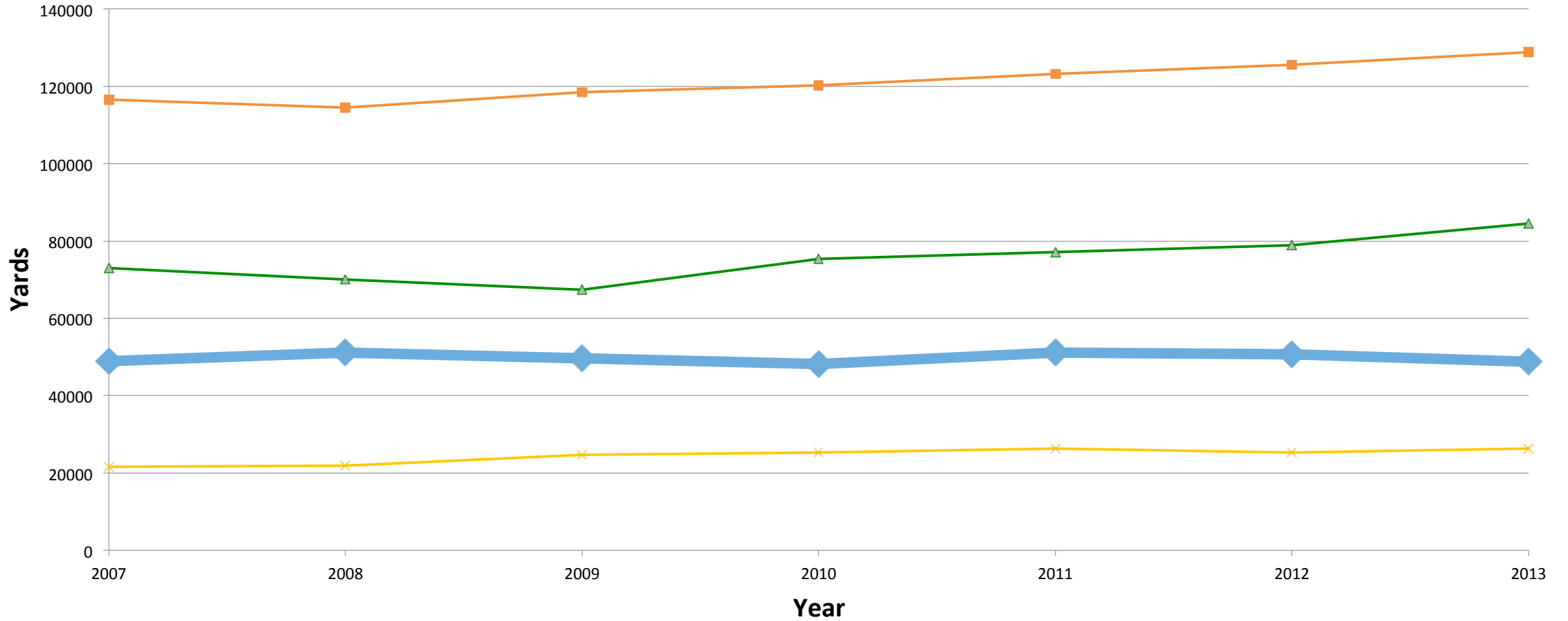
# **Fantasy Football**

By Xavier Weisenreder, Nik Oza, Ching-Hao Hu, Troy Holland, and Chris Balthazard

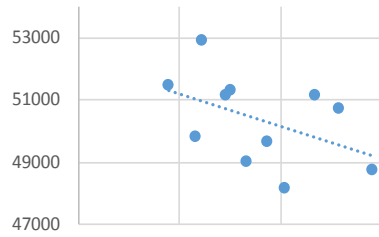
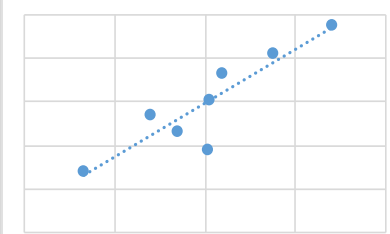
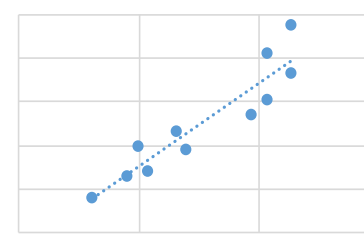
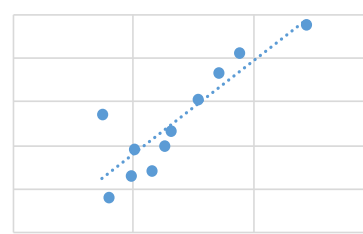
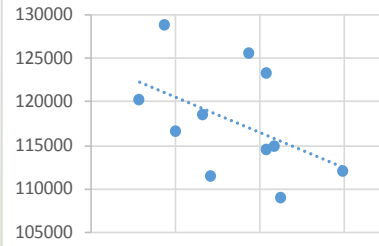
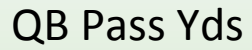
# How has the NFL Changed?

## Total Yards by Position

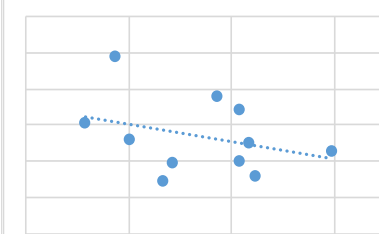
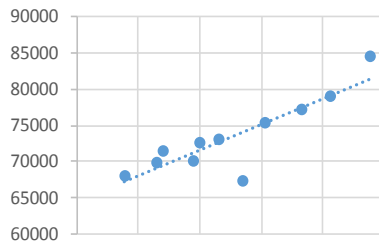
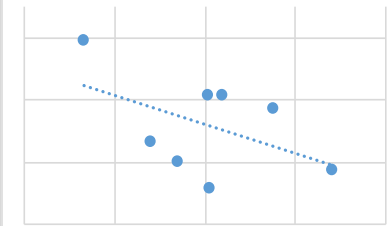
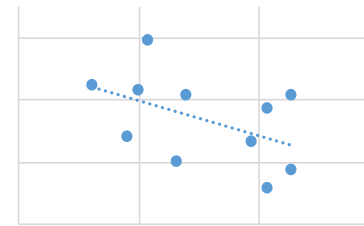
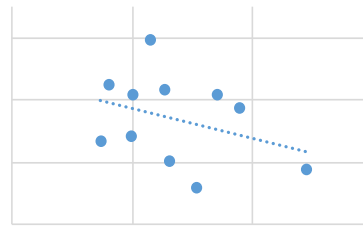
RB Yds QB Yds WR Yds TE Yds



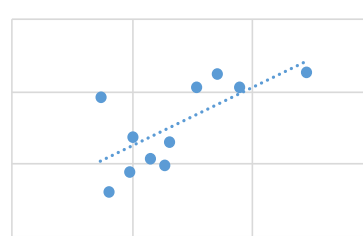
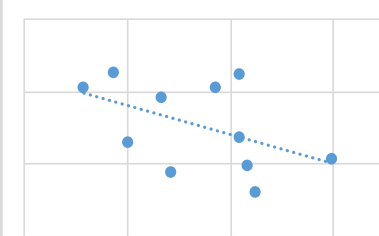
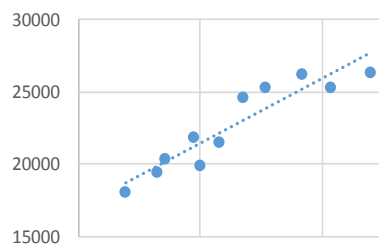
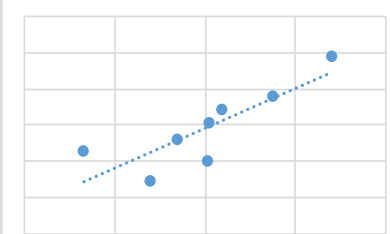
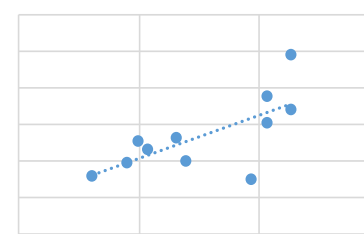
## Correlations of Offensive Trends



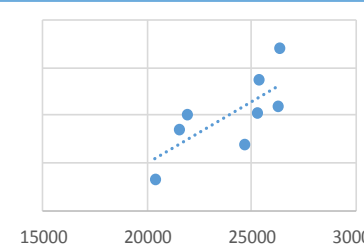
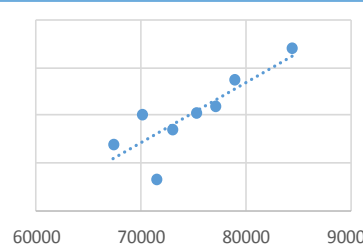
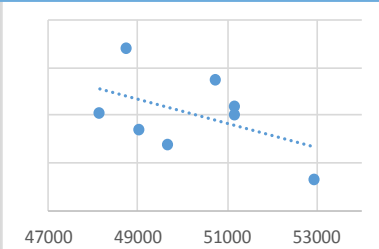
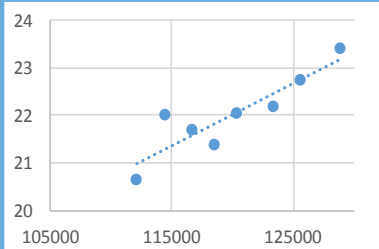
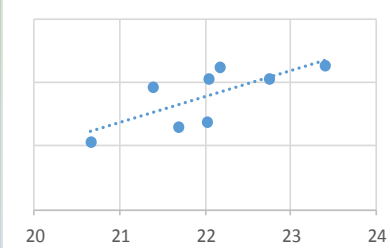
## RB Rush Yds



WR Yds

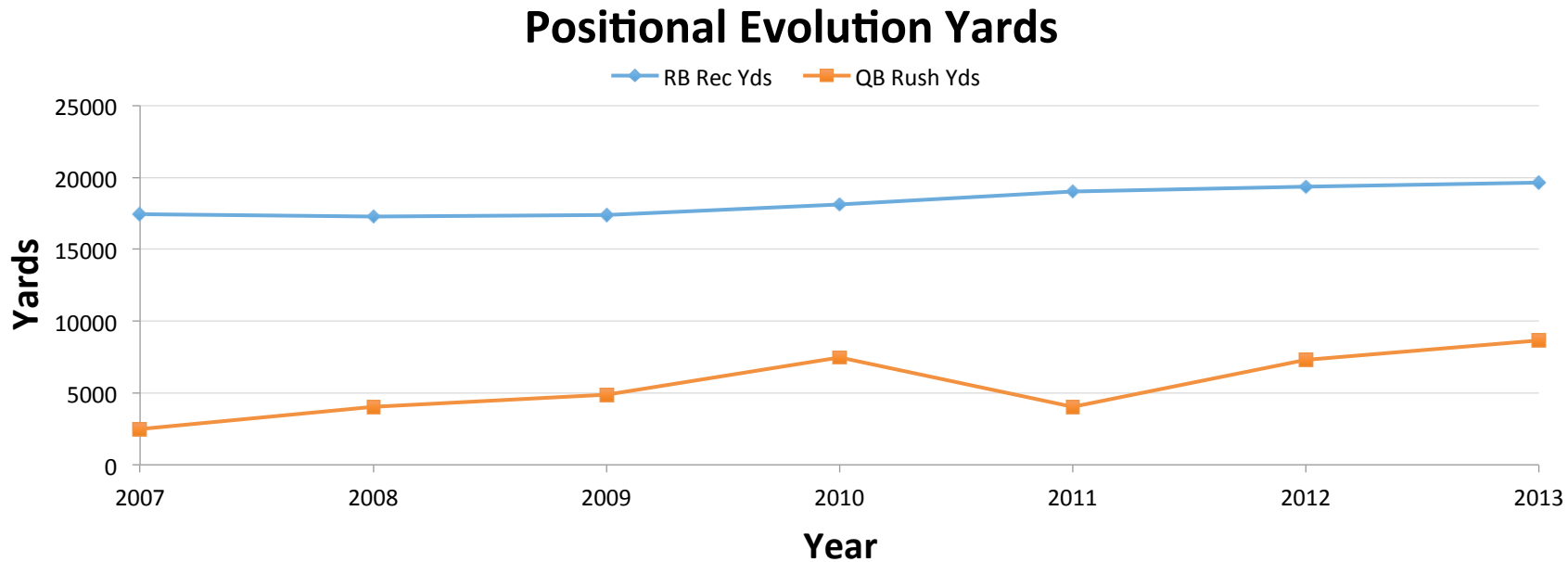
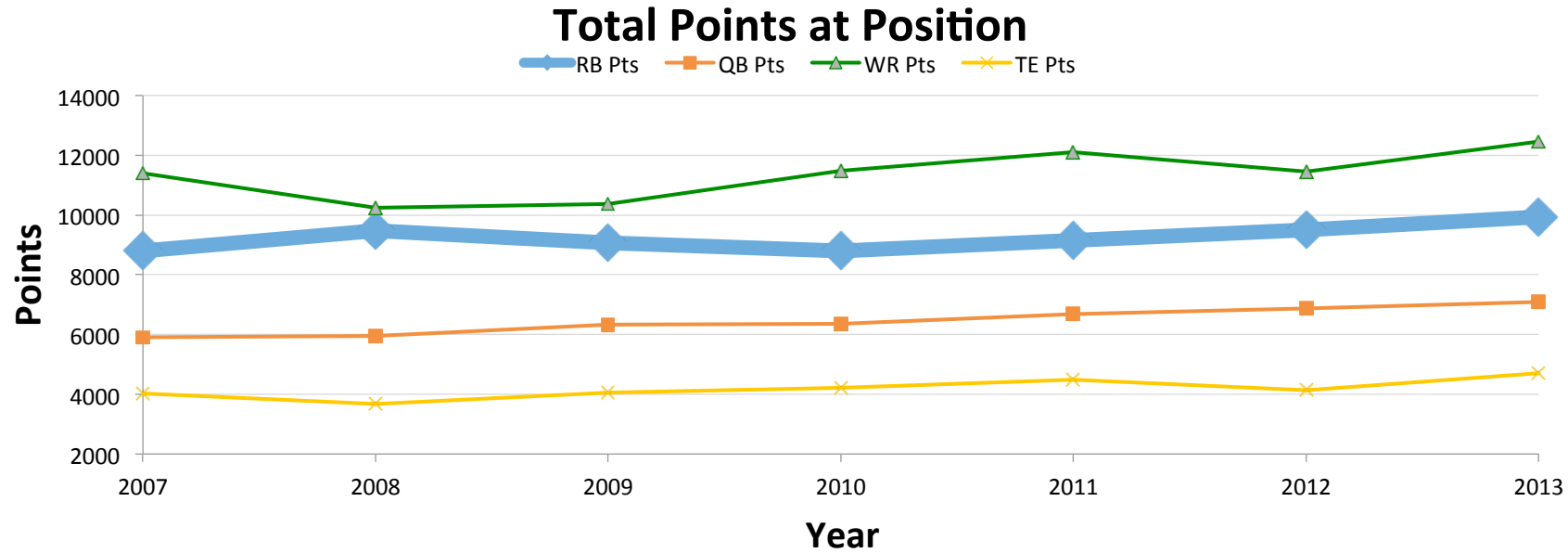


TE Yds



## Avg Game Score

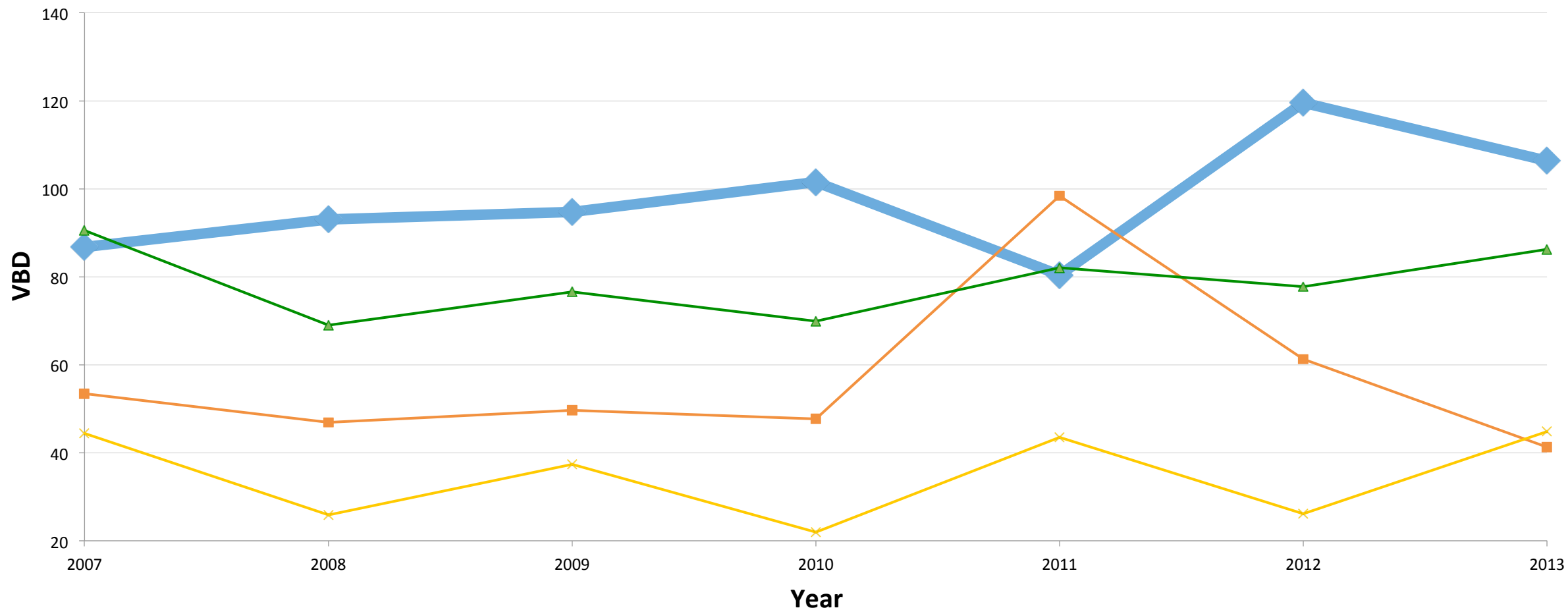
# How Have These Trends Affected Positions?



# Is it Plausible to Use This Information?

## Top 10 VBD by Position

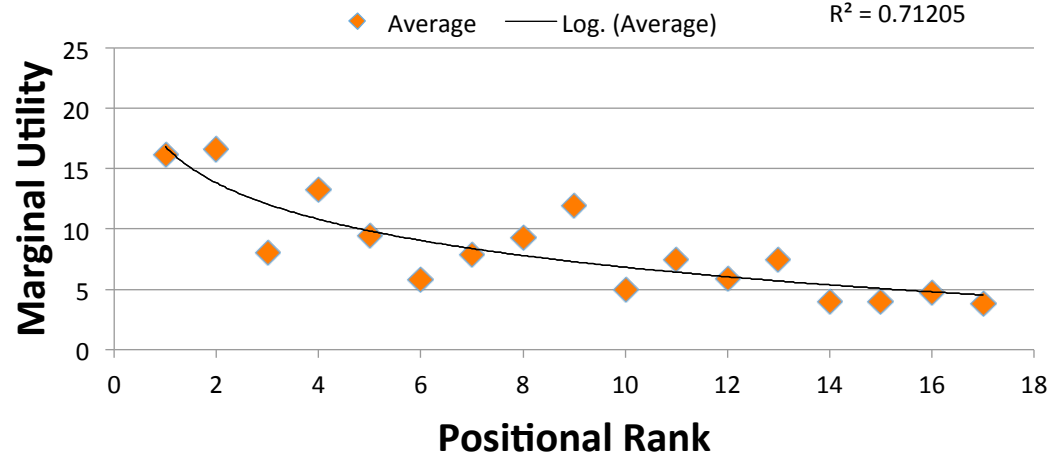
RB VBD QB VBD WR VBD TE VBD



# Marginal Utility Curves By Position

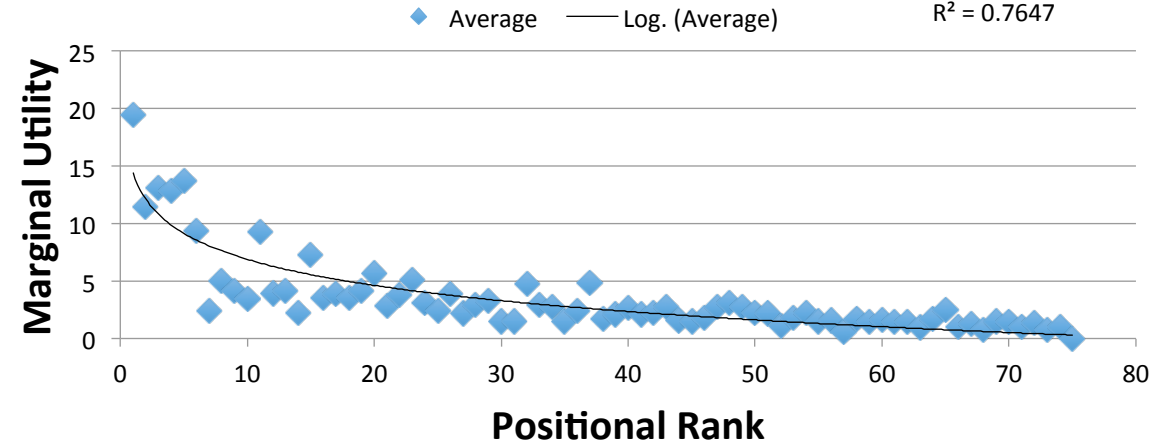
## QB Marginal Utility

$$y = -4.343\ln(x) + 16.831$$
$$R^2 = 0.71205$$



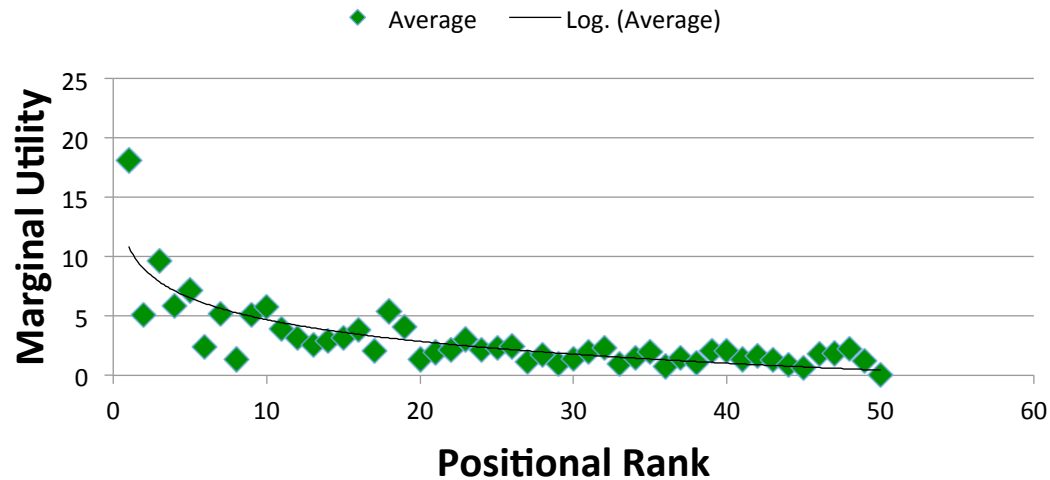
## RB Marginal Utility

$$y = -3.268\ln(x) + 14.402$$
$$R^2 = 0.7647$$



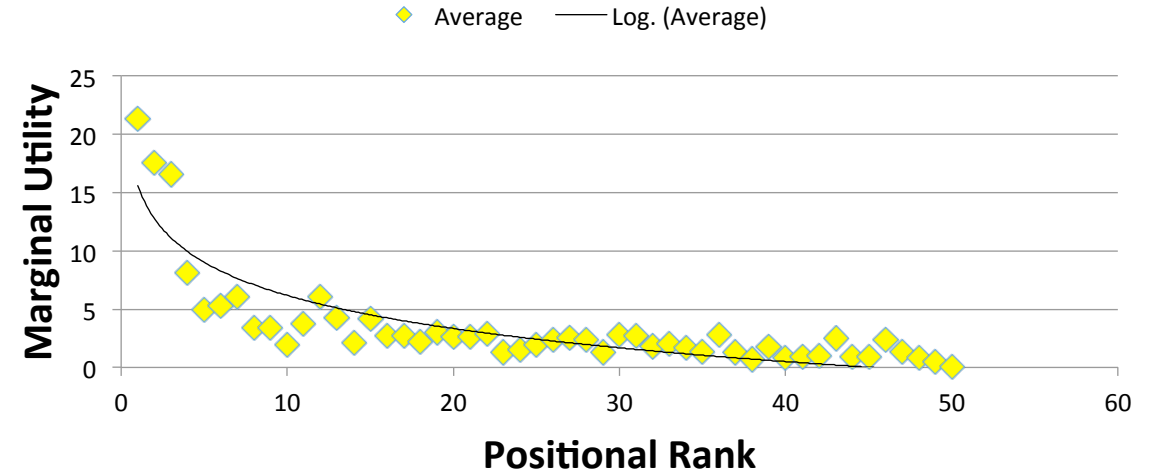
## WR Marginal Utility

$$y = -2.651\ln(x) + 10.804$$
$$R^2 = 0.67171$$

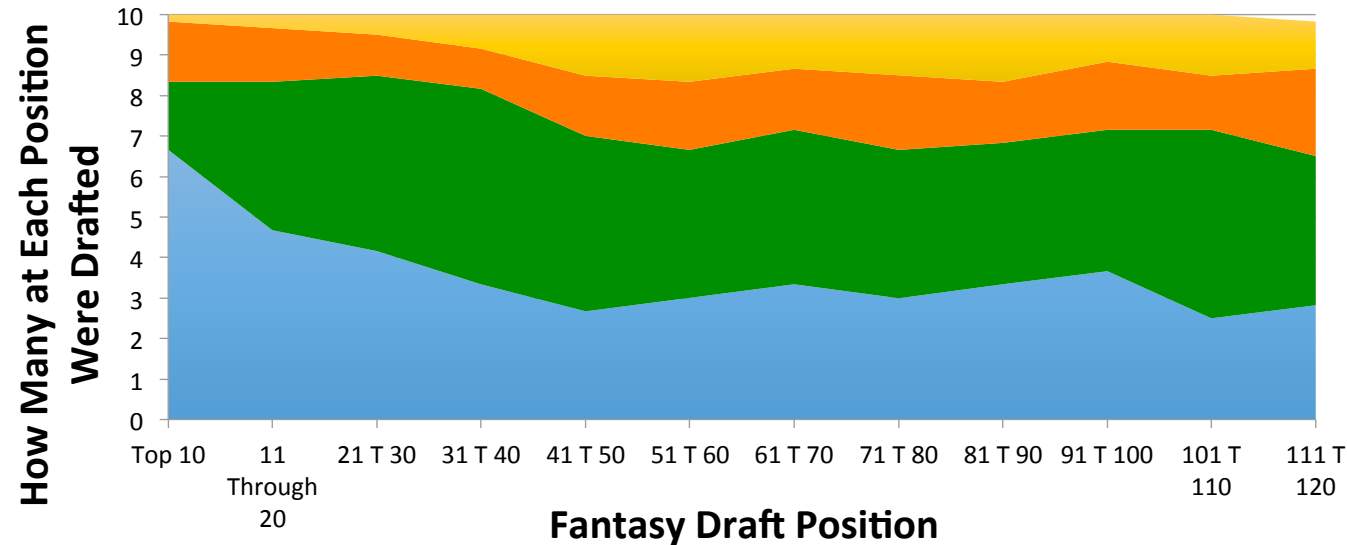


## TE Marginal Utility

$$y = -4.091\ln(x) + 15.594$$
$$R^2 = 0.75606$$

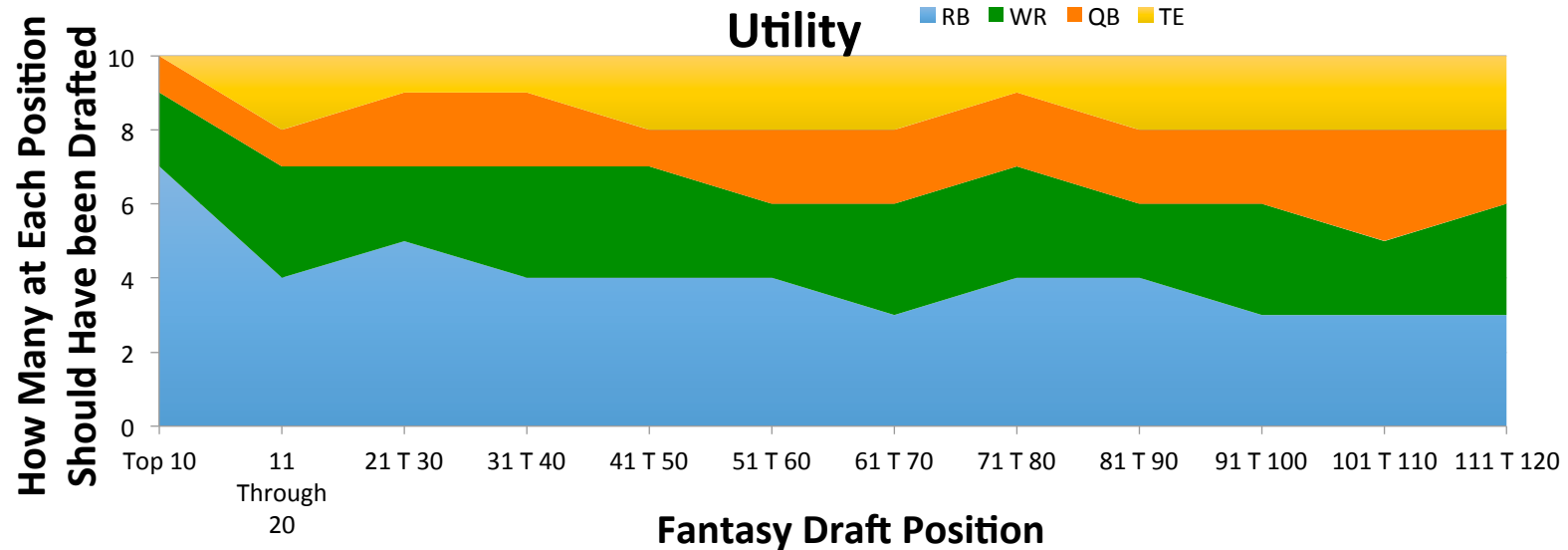


# Average Actual Fantasy Draft Positions at Each Position

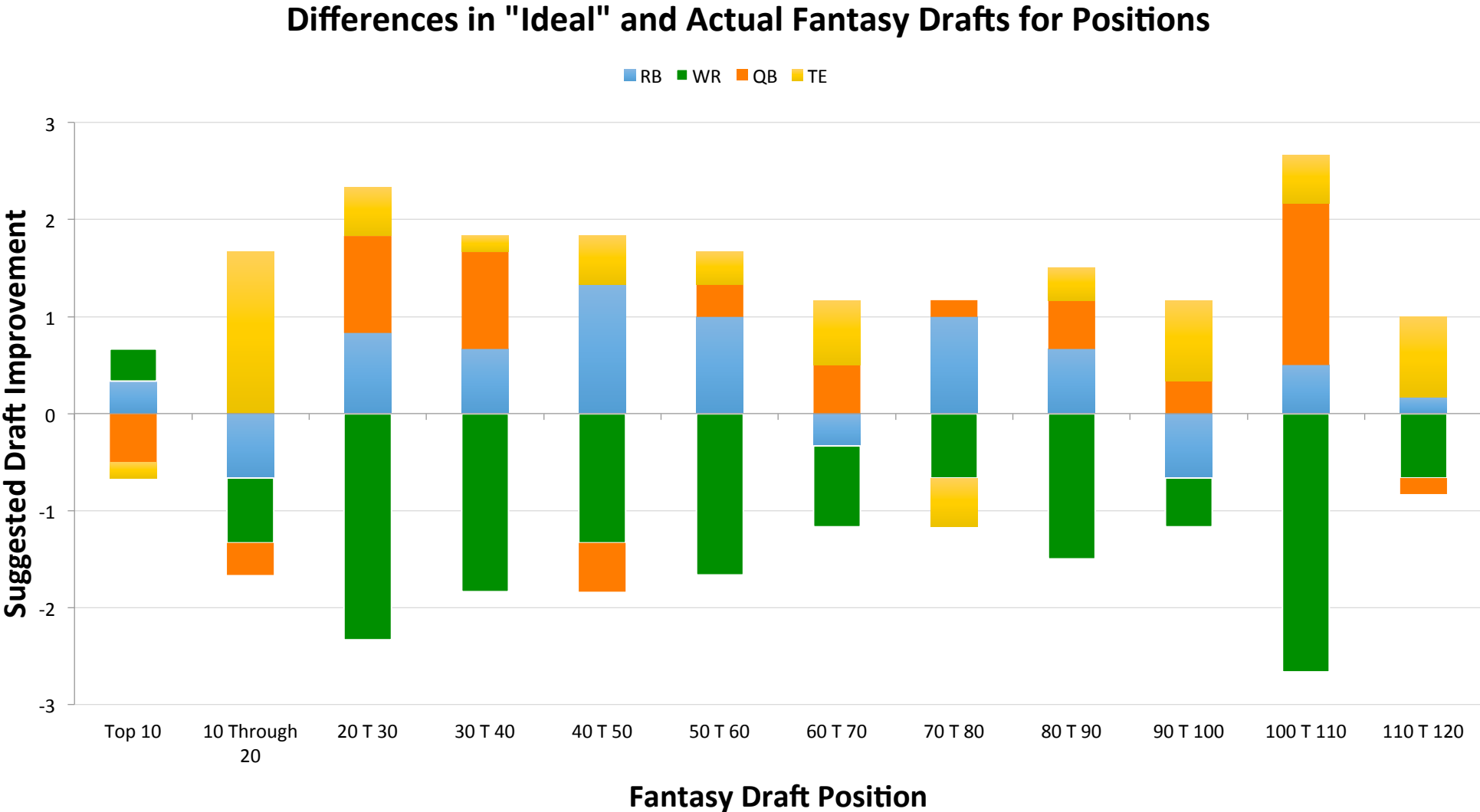


# Positional Breakdown by Fantasy Draft Round

# Ideal Draft Positions for Each Position based on Marginal Utility



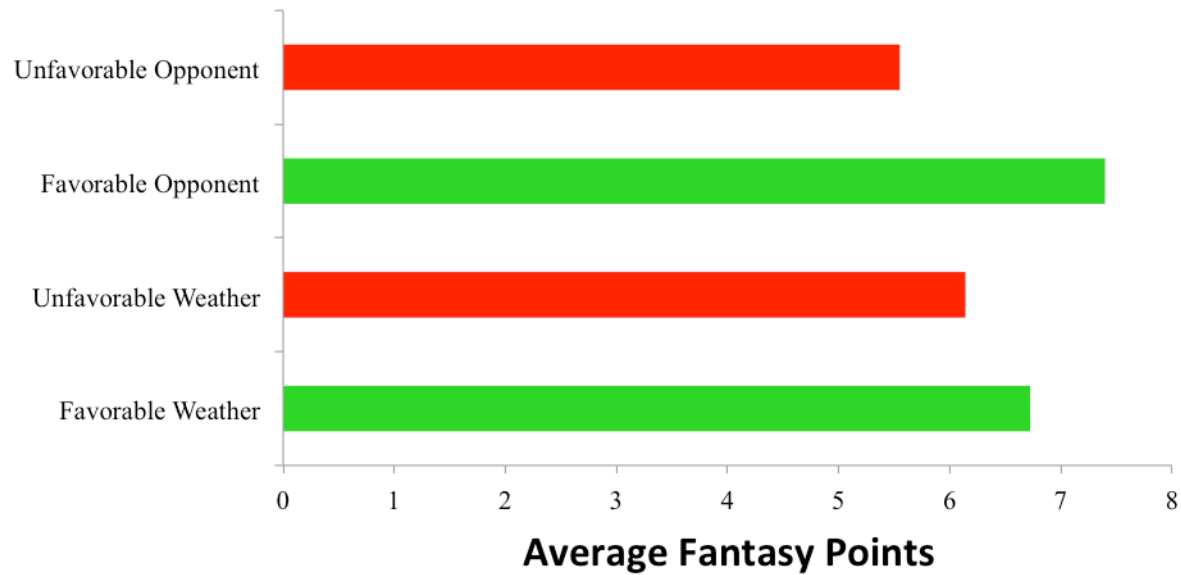
# Fantasy Draft Adjustments



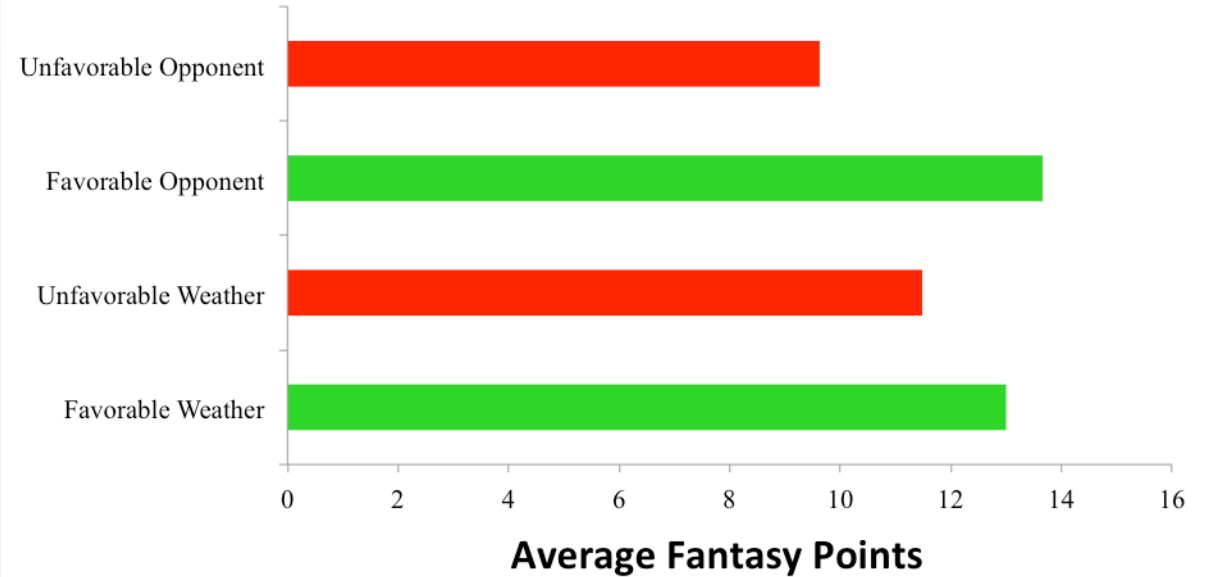


# Does Weather Affect Fantasy Performance?

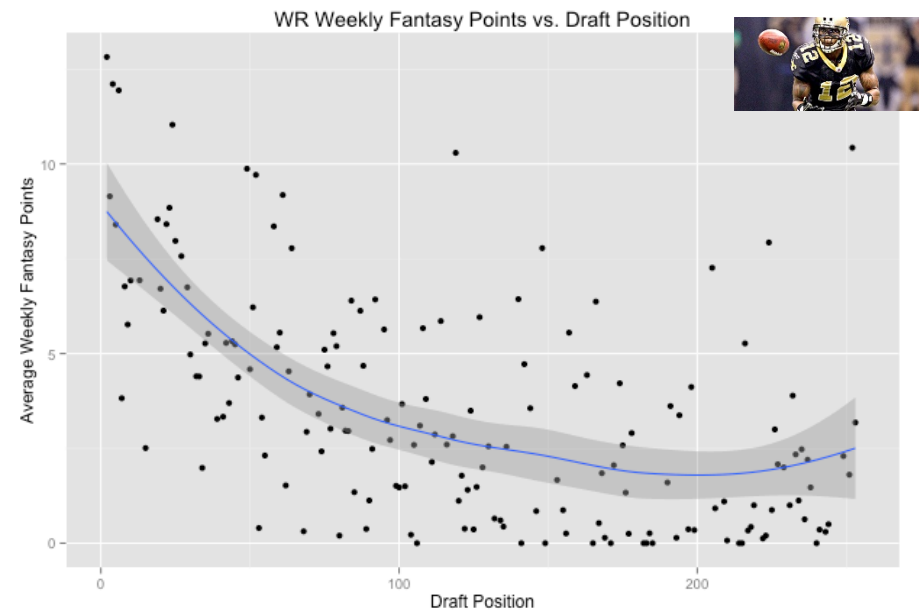
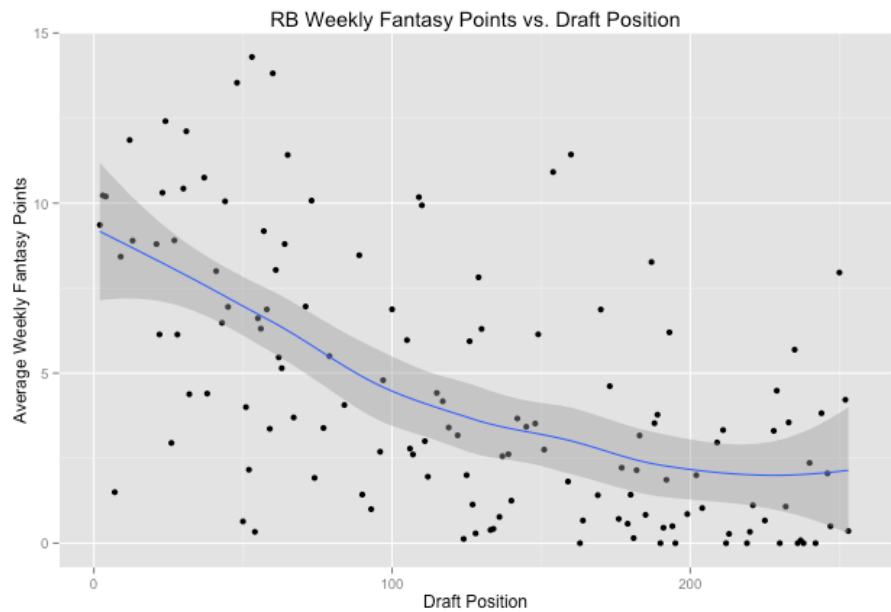
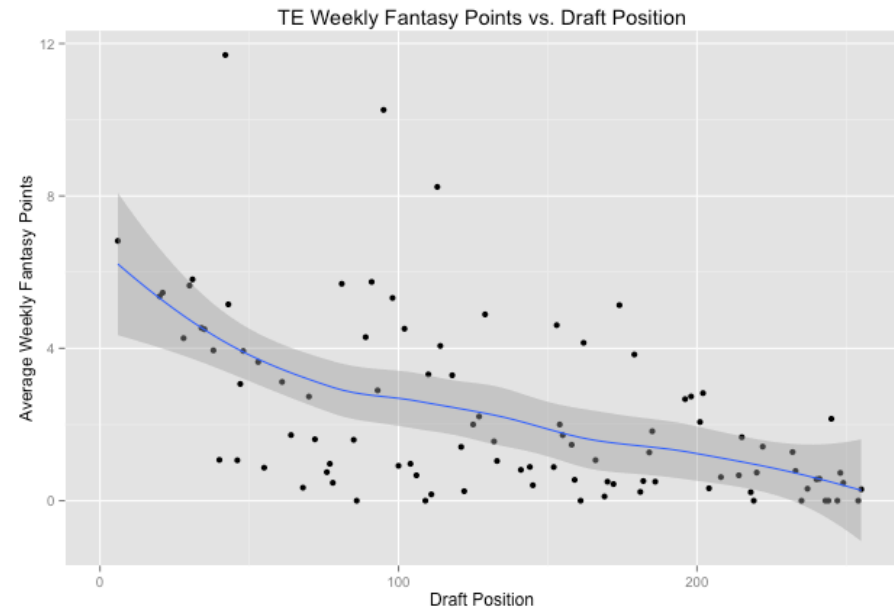
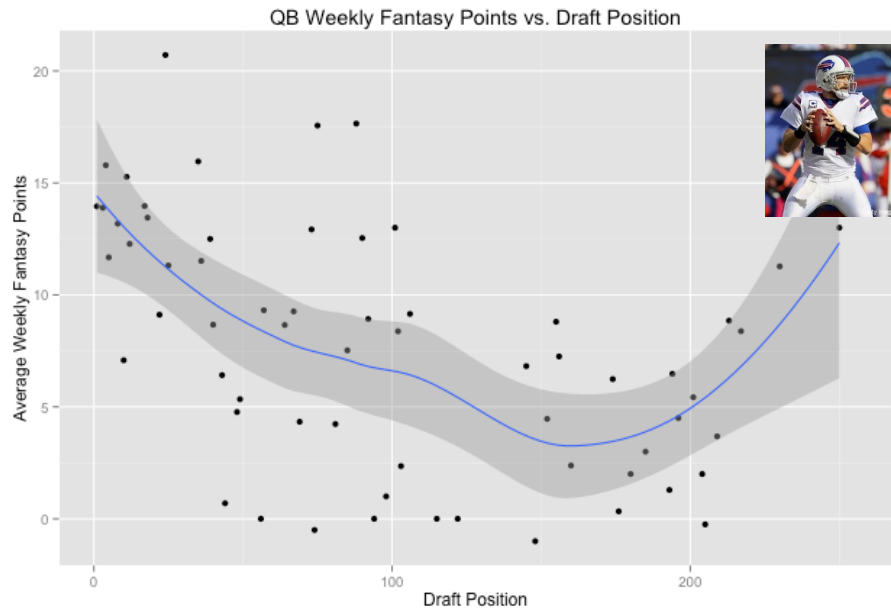
## RB Fantasy Performance



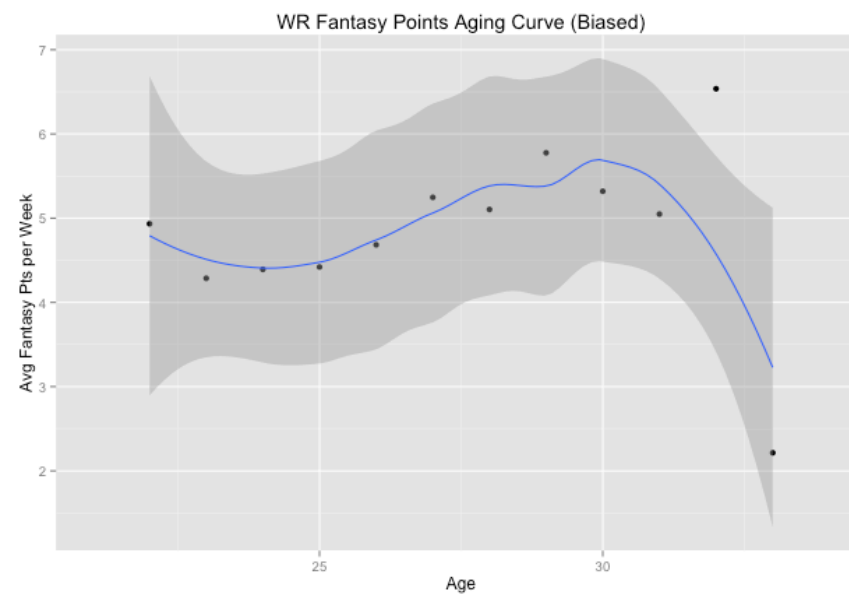
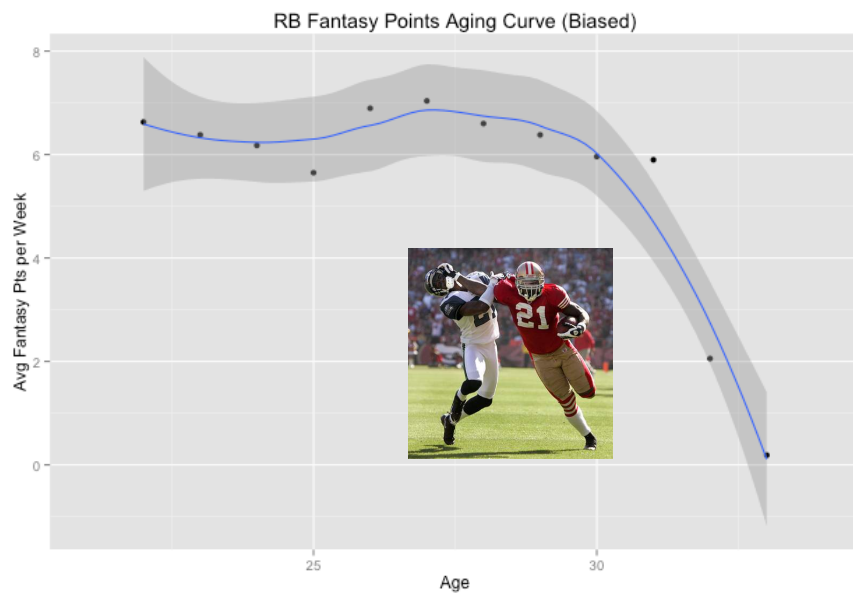
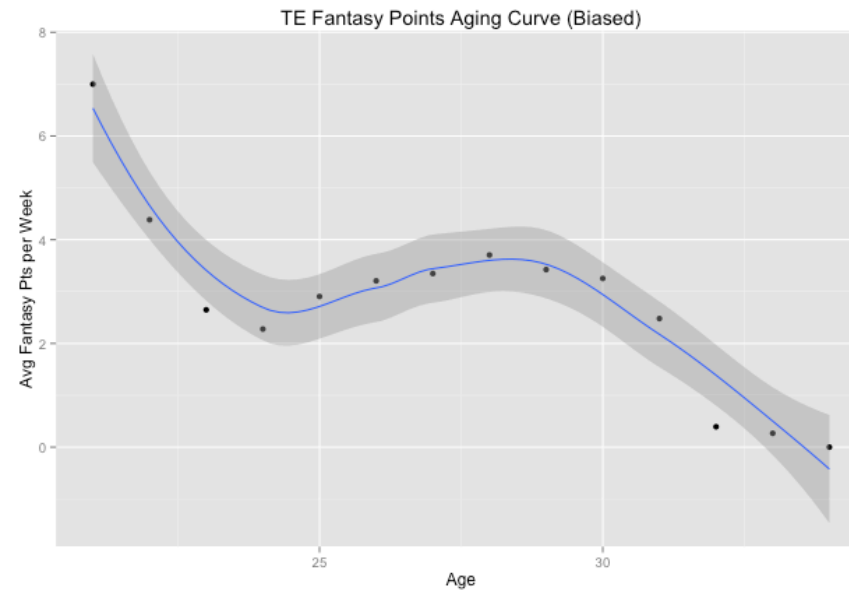
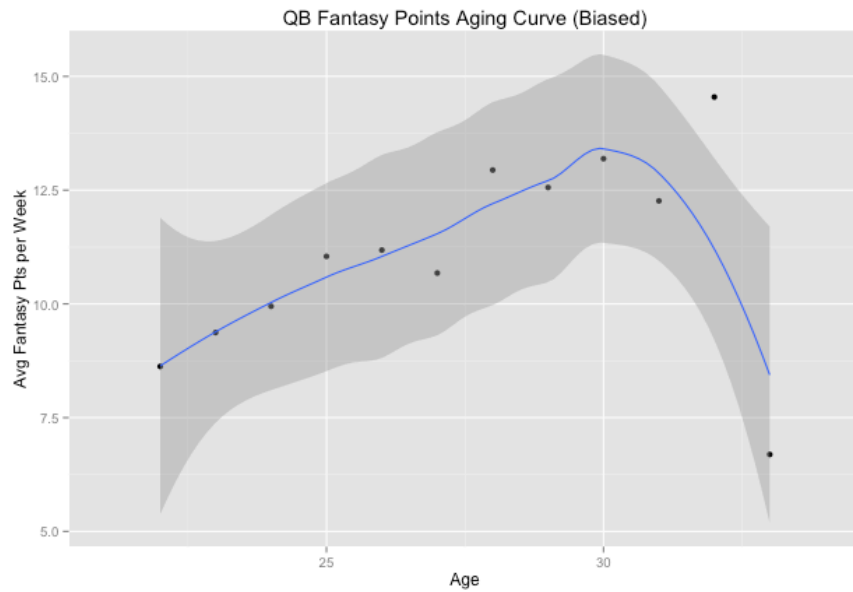
## QB Fantasy Performance



# Does the Actual NFL Draft Affect Fantasy?



# How Does Age Affect Fantasy?



*Thank you!*