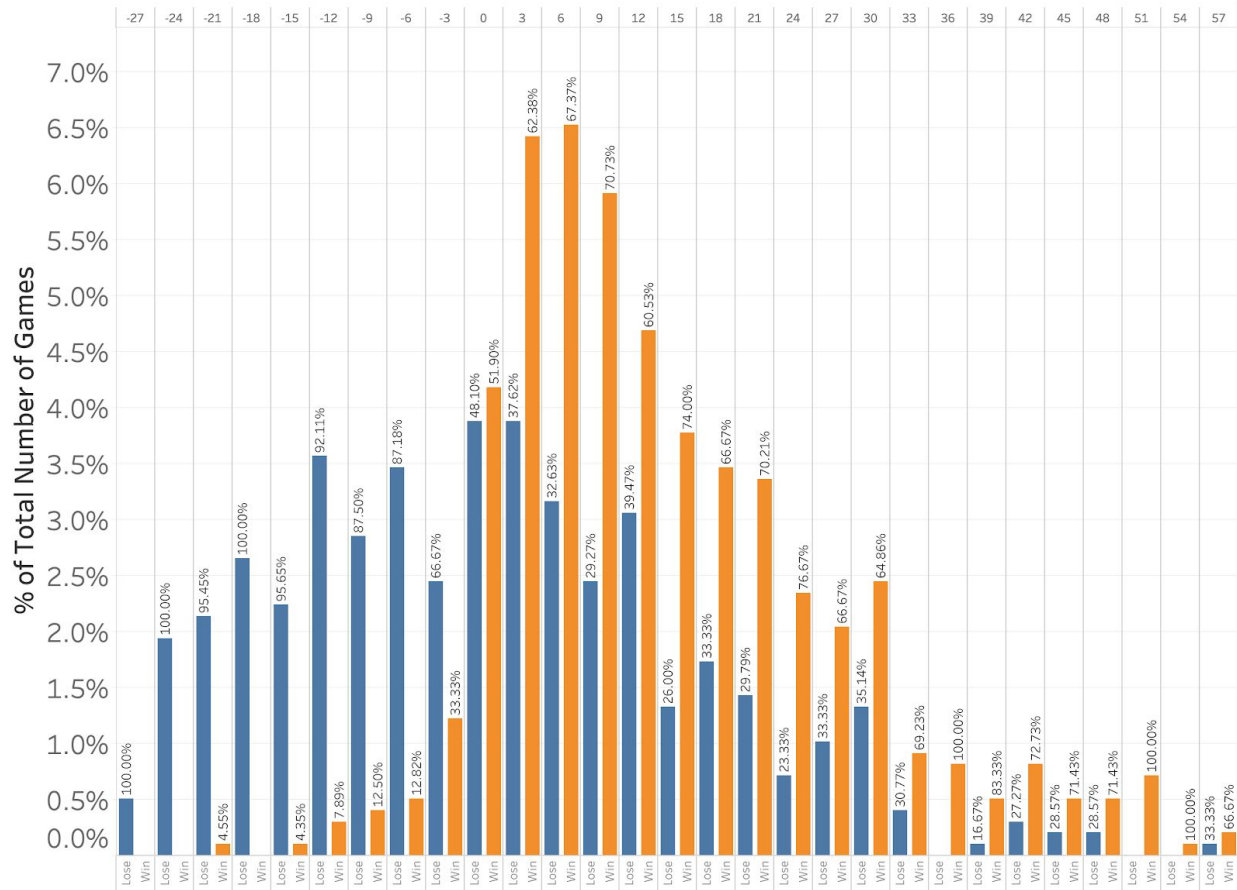


### Additional Analysis On Selected Features

The following figures summarize all of the BIG10 games since 2014 that we aggregated in context of our top 4 attributes. The attributes are listed in order of importance ranked by our Random Forest Model.

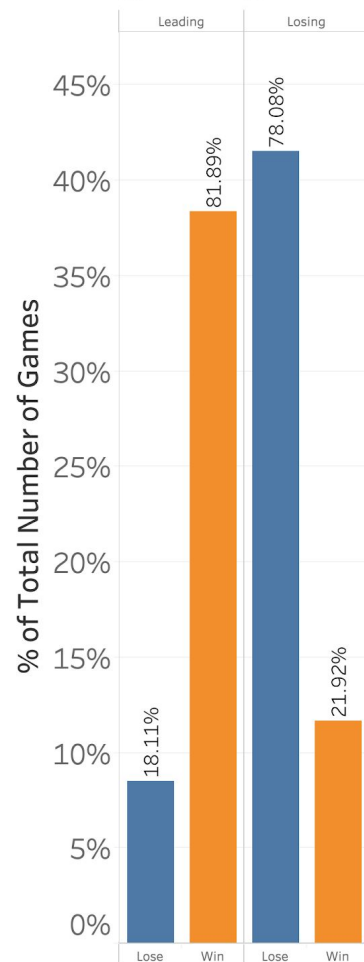
#### 3rd Quarter Score Differential



Based off of historical BIG10 games, the trend of win/loss after the 3rd quarter seems to have a threshold right at 0 points. Meaning, there is a higher likelihood of winning as long as the team is at least even with the opposing team after the 3rd quarter. It jumps up to 62% win percentage with a 3 point lead.

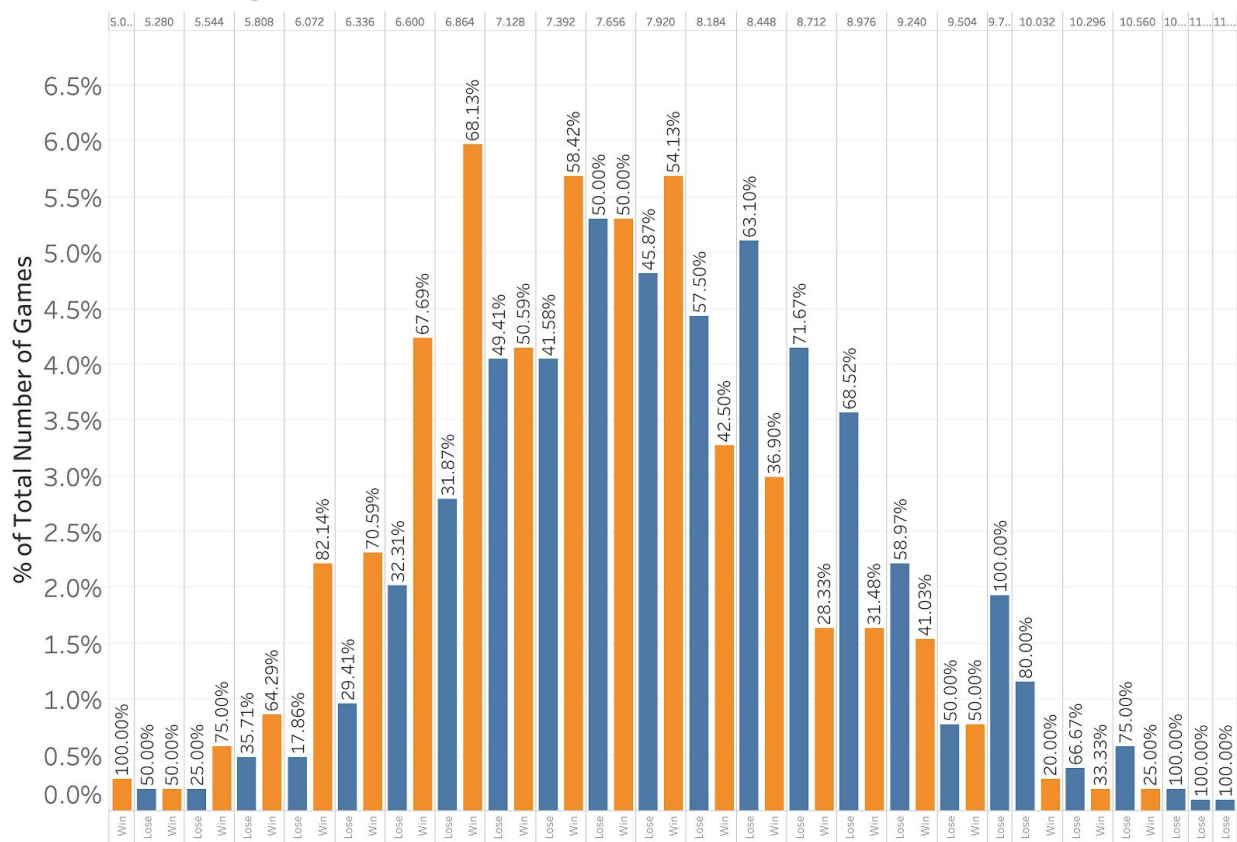
## Halftime

## Leading/Losing



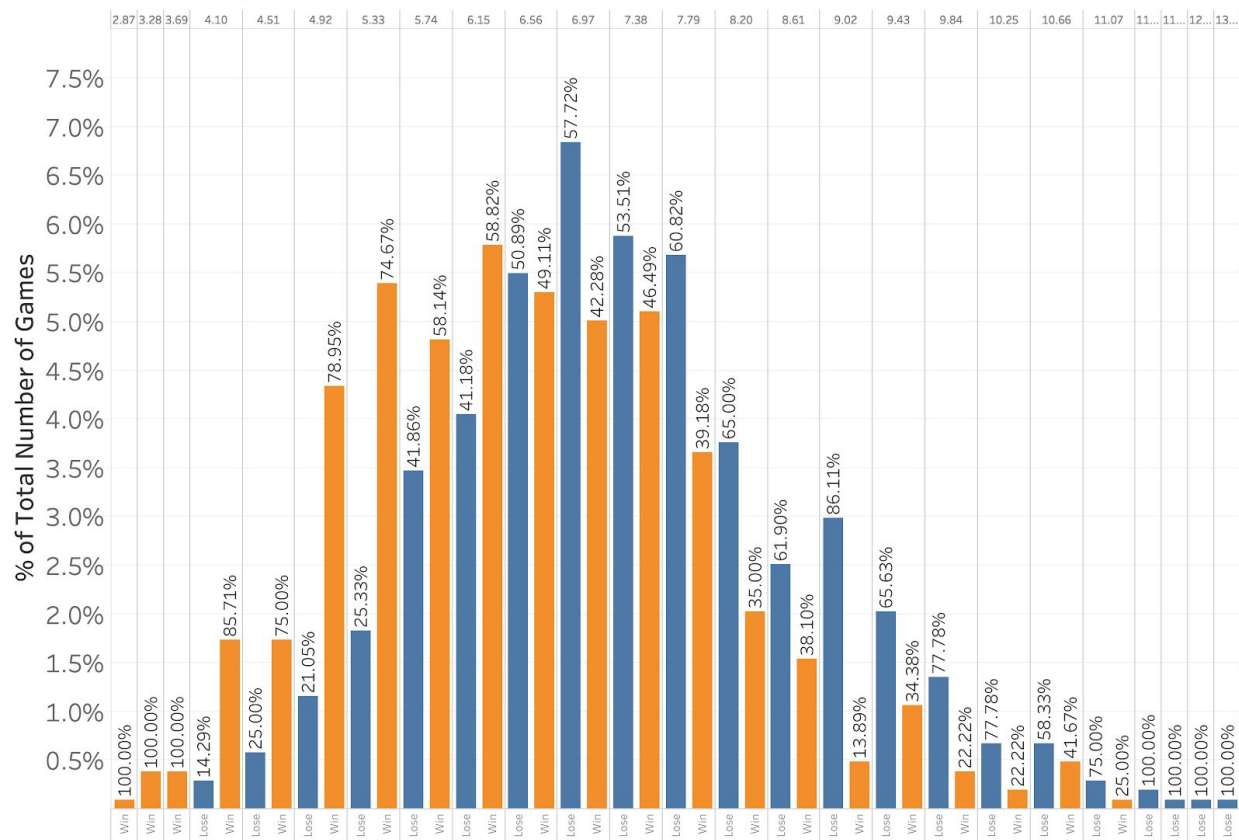
Based off of historical BIG10 games, there is a 82% chance of overall victory when leading at halftime, as opposed to only 22% chance of victory when trailing at halftime.

## 2nd Down Average Yards



Based off of historical BIG10 games, there seems to be a cutoff in averaging of 7.92 yards to go on 2nd downs. At this threshold, there is a higher likelihood of winning than losing. And at higher values, there is a higher likelihood of losing.

## 3rd Down Average Yards



Based off of historical BIG10 games, there seems to be a cutoff in averaging of 6.15 yards to go on 3rd downs. At this threshold, there is a higher likelihood of winning than losing. And at higher values, there is a higher likelihood of losing.



