# CS 2316 GROUP 2: EVALUATING THE EFFECTIVENESS OF THE NFL COMBINE

GOAL:IMPROVE THE NFL TALENT RECRUITMENT PROCESS BY IDENTIFYING THE POSITIONS FOR WHICH CAREER SUCCESS CAN BE PREDICTED BY COMBINE PERFORMANCE. THIS WILL INFORM TEAMS OF HOW TO BEST ANALYZE COMBINE PERFORMANCES AND INFORM ATHLETS OF HOW TO BEST PREPARE FOR THE THE COMBINE/NFL RECRUITMENT PROCESS.

STEP 1: GENERATE CAREER AND COMBINE SCORES

STEP 2: FIND CORRELATION BETWEEN CAREER AND COMBINE SCORES
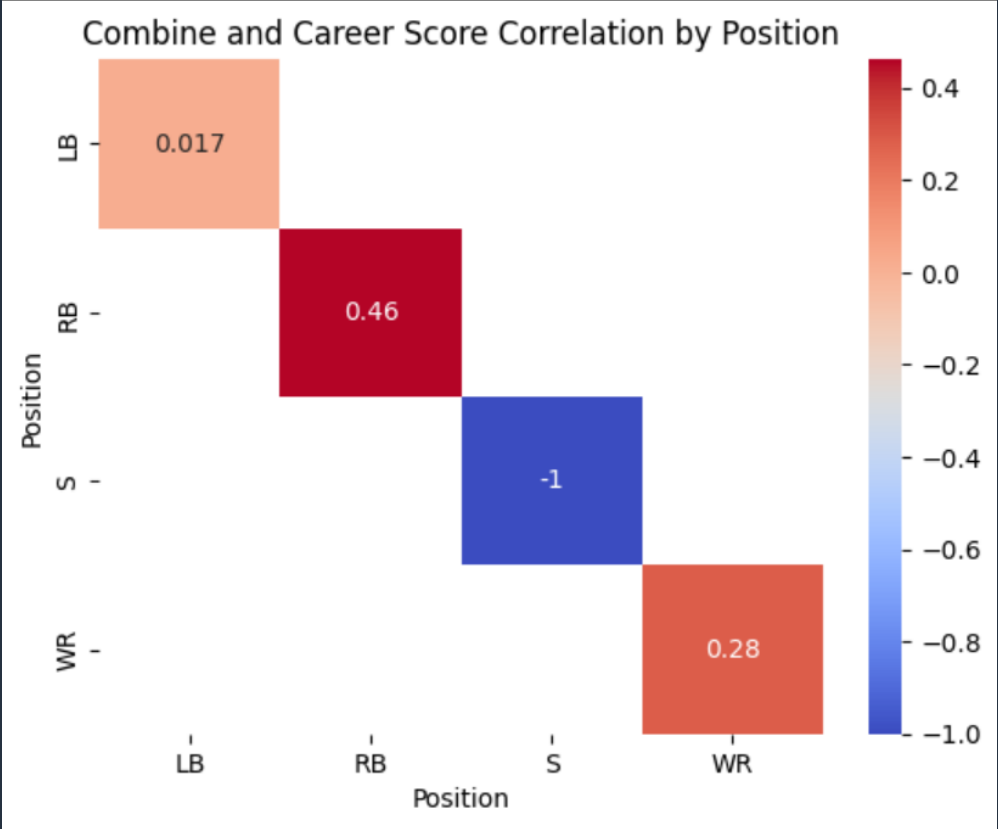

0.46 & 0.28

These corelations show that there is a strong relationship between the combine performance of WRs and RBs. Athletes of these positions should focus more of their training specifically on the combine. NFL scouts should assign more weight to their combine performances than athletes of other positions.

-1

This is the correlation coefficient for Ss. Based on the data, Ss should devote less of their training specifically to the NFL combine as that does not predict success for their position.
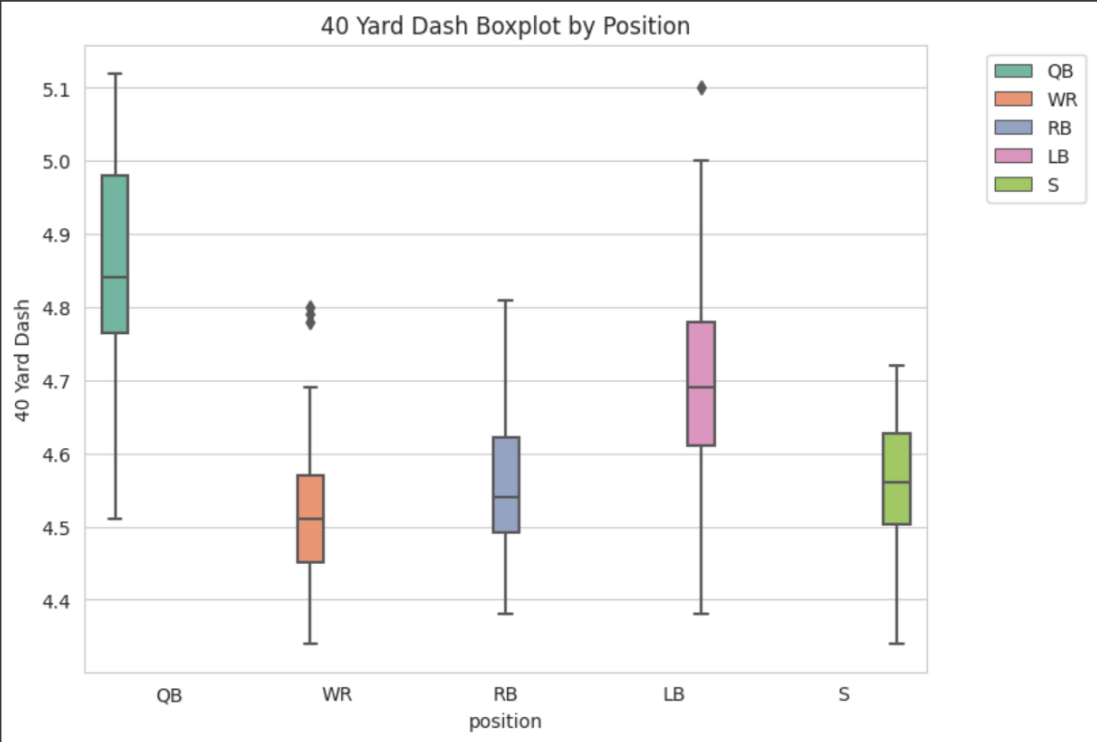
SPEED VARIATION

LBs and QBs have the greatest variation in their 40 yard dash times. This could either indicate a difference in the need for speed depending on the playing style of athletes of these positions and/or an opportunity for athletes of these positions to seperate themselves from the pack in this drill.

CHALLENGES

- Finding large enough data sets
- Accessing career statistics rather than single season statistics for athletes
- Creating informative visuals

NEXT STEPS:

- Do similar analyses across many years to confirm these results.
- Inform NFL scouts and prospective athletes of the results to allow them to make informed decisions on NFL combine preperation.