Football Transfermarkt Data

Football is an incredibly intricate and competitive industry. Decisions on what players to acquire and what players to transfer are incredibly important to a team's (or even league's) success. Luckily, transfermarkt holds all the information relating to transfers that we will be using. The trends associated with these values (market value and transfer fees) are what our project aims to understand/explore.

As might be expected, players with higher market values had higher transfer fees. We were able to model this positively related relationship with a linear model. In addition age, position, league, and season all are used to build this linear model. We have seen very similar trends for leagues over different time periods. All positively related. The model tells us that generally players in an attack position have the highest fees and the goalkeeper position seems to have the lowest. The model also suggests to us that the highest fees overall are pretty much contained to the Premier League, especially in recent times.

However, this model isn't perfect, we don't have any way to account for what a player may bring to a team that isn't quite physical. High value players create a degree of variability in our model above about $100,000,000. These players may be less concerned with the actual value and more what team and league they would like to play for. For most of the professional players (not all-stars) a linear model does a pretty good job explaining the relationship. There are few enough all-stars where it's not too significant.