

20
Teams

552
Players

FPL Analysis (2018-19)
IST 719 - Jeet Ganatra

9865
Points

£2850.6
million

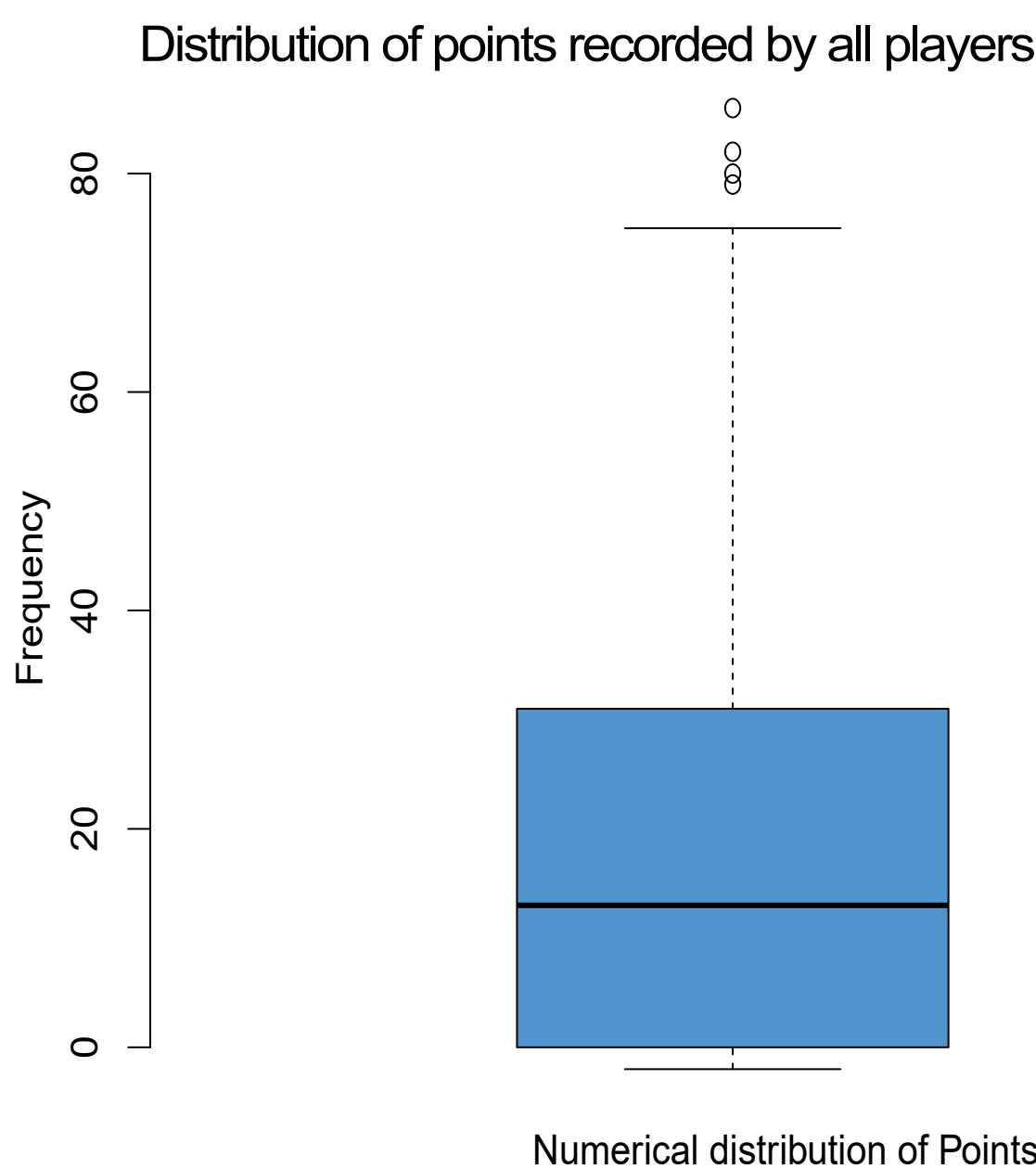
Story

FPL is a fantasy league of the best football league in the world. It's been a case for quite some time that the world's most popular football league no longer involves only 20 managers in the world, but rather millions. Every manager agonizes over a squad of 15 players with a small budget of £100 million.

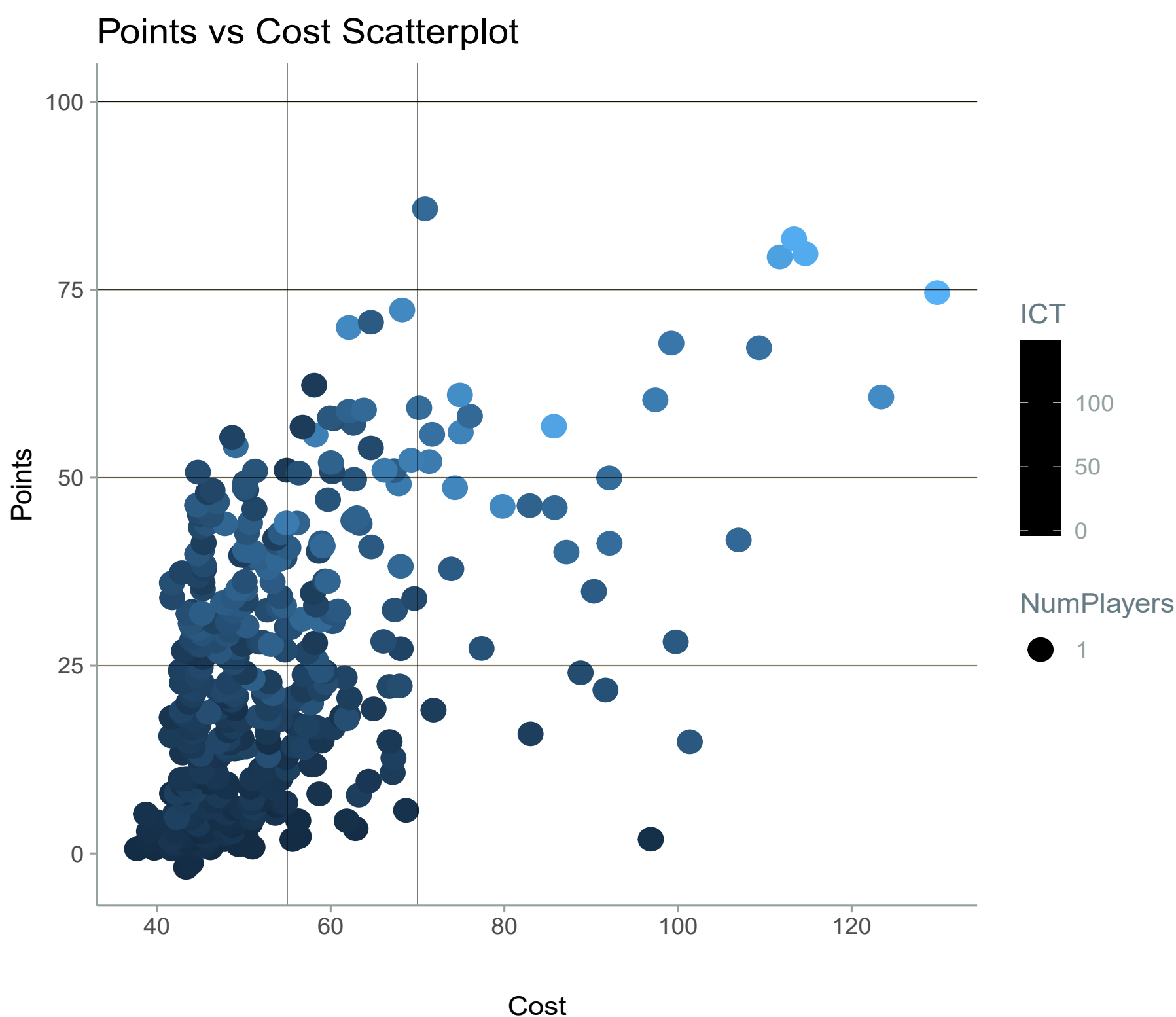
Audience

EPL draws the highest global television audience of any football league. Any person with a remote interest in the fantasy league would be interested in the insights generated from this project.

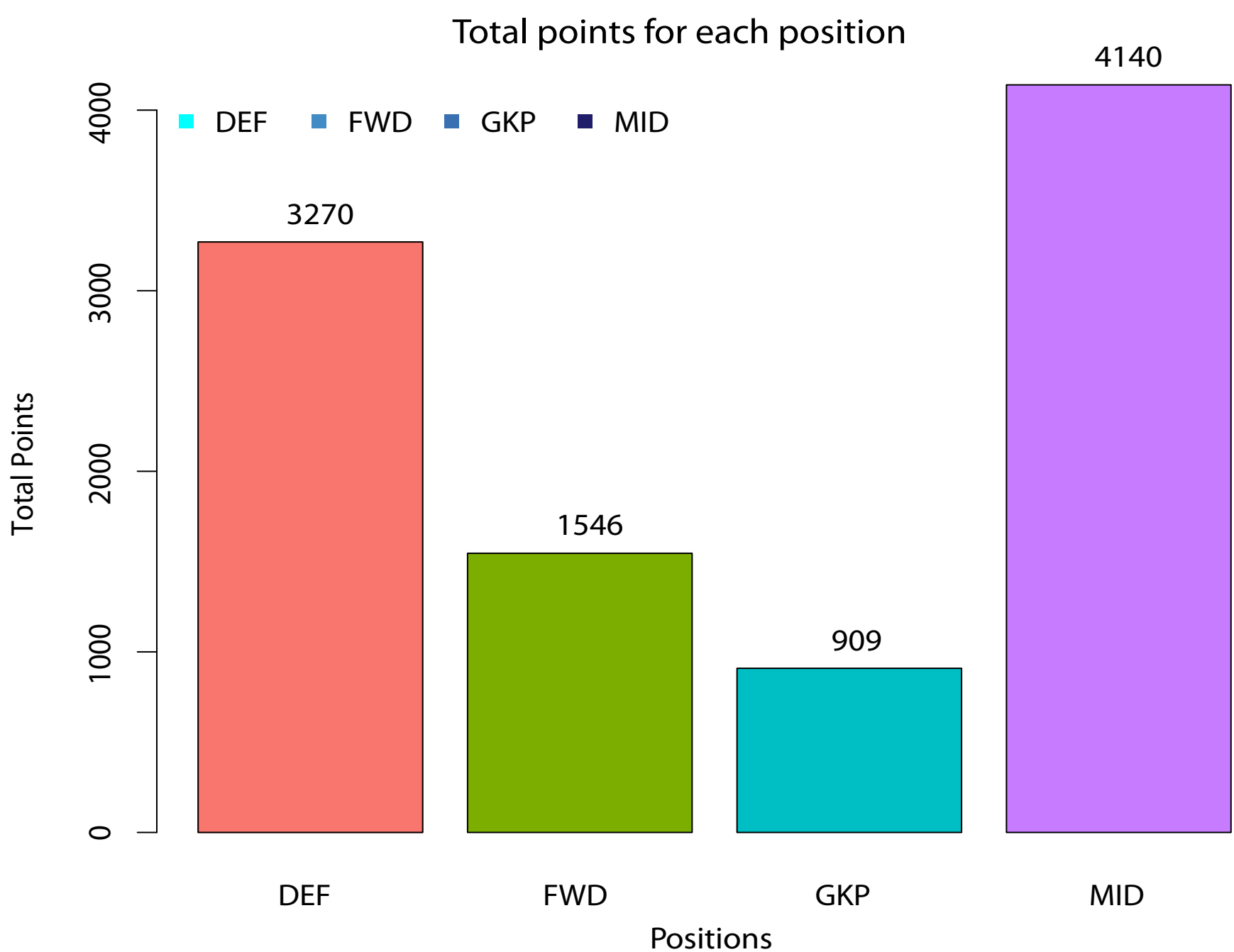
What is the overall distribution of total points secured by all players in the league?



What is the distribution of points over cost for ICT (Influence, Creativity, Threat)?



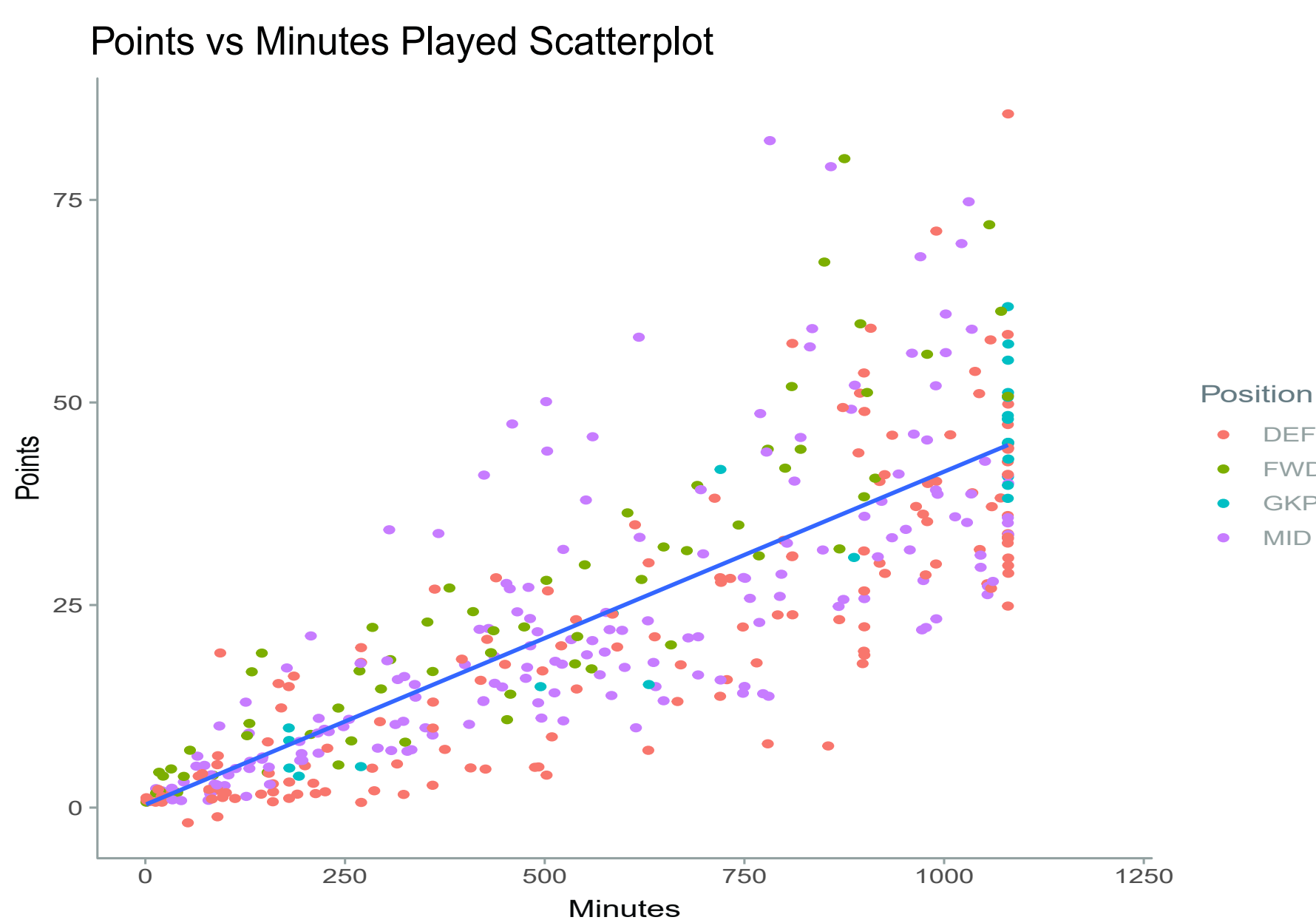
What is the distribution of points secured for each playing position?



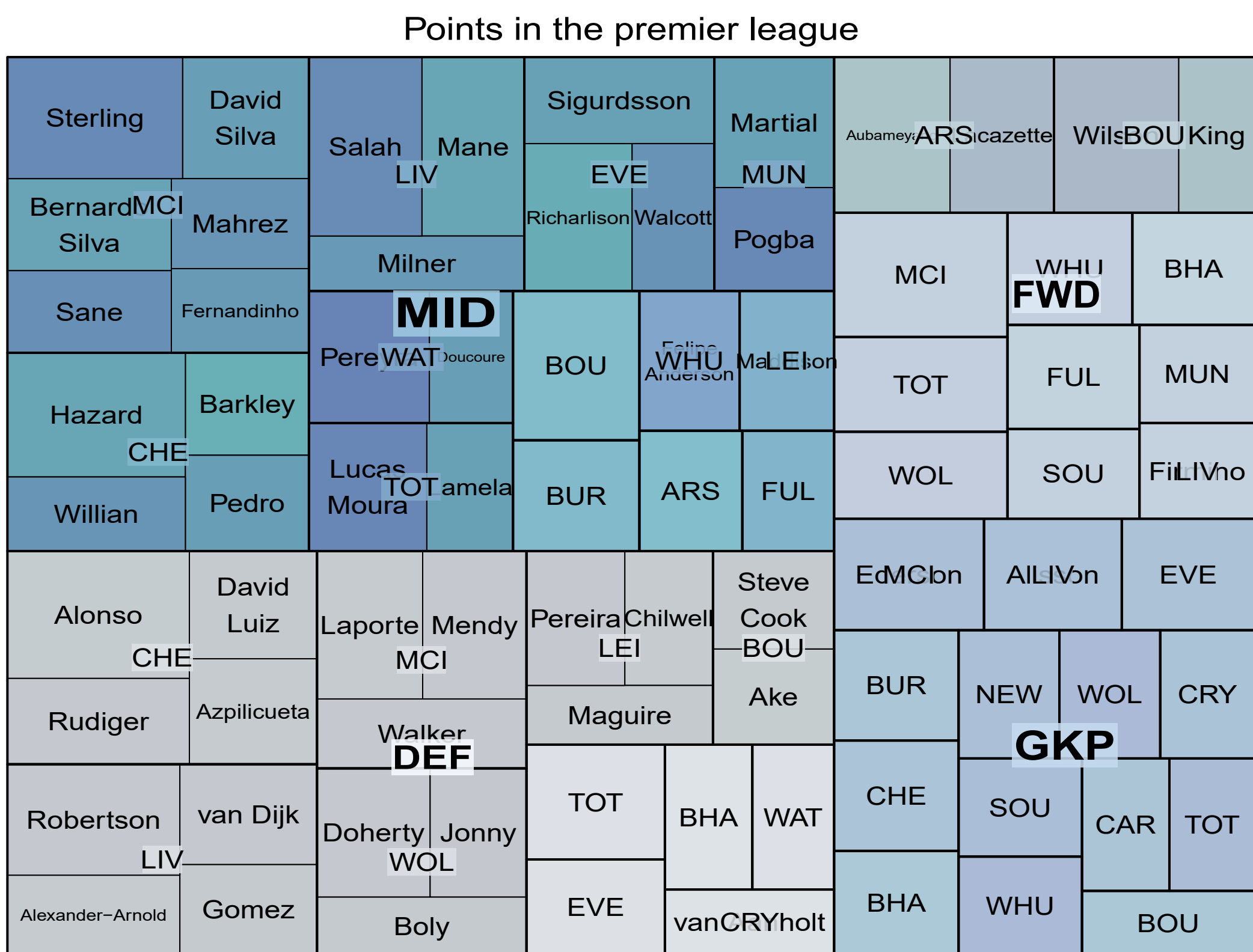
Dataset

The dataset consists of English Premier League's fantasy league data which I found on Kaggle. It consists of 552 rows and 21 columns. 'Points', 'Position', 'Cost' and 'Team' are the main variables used for subsetting and aggregating. The cost is given in units of £0.1 million. Influence, Creativity and Threat (and consequently ICT) are all metrics that FPL came up with to try and assess player performance. TSB refers to the percent of FPL user teams that the player is in.

What is the distribution of points over minutes played for each playing position?



Which player has secured the most points for their team in each playing position?



Insights

Forwards and midfielders secure the highest points with a score of over 75 points. These players seem to be priced appropriately at £9.0 or higher. However, there are 5 defenders that were clearly the best value for money. Also, there is a strong positive relationship between minutes played and points. Forwards have a high points output across all minutes played. Manchester City players playing in midfield have secured the most points while Liverpool players have dominated all other playing positions by securing the most points. Finally, players that have a high ICT have been appropriately priced more. However, there are 4 players with high ICT but lower price. These players provide best value for money.