Premier League Simulation

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The Data

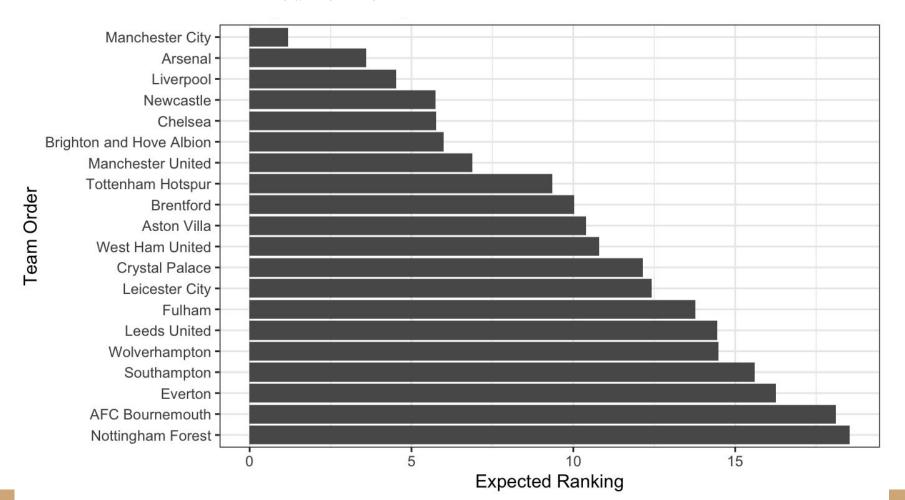
Provided by SPI Global

Based on the assumption that soccer scoring follows a poisson distribution

SPI Global then estimates an alpha (attack) parameter and a delta (defense) parameter for each team.

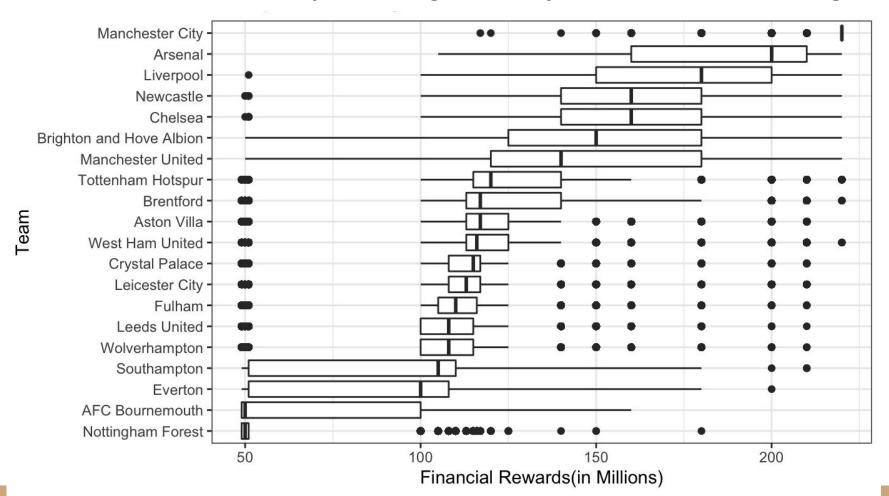
Using these parameters, the outcome of the Premier League can then be simulated 1000 times to get the expected success of each team

Ranked Teams



How Much is Each Team Expected to Make this Season?

Variability of Earnings For Every Team in the Premier League



Who Stands to Gain the Most from a Lucky Win?

Monetary Benefit of a Lucky Win Newcastle -Brighton and Hove Albion -Chelsea -Manchester United -Liverpool -Southampton -Everton -Tottenham Hotspur -Brentford -Team AFC Bournemouth -Aston Villa -Arsenal -Leeds United -Wolverhampton -West Ham United -Fulham -Leicester City -Nottingham Forest -Crystal Palace -Manchester City -2.5 7.5 10.0 5.0 0.0 Money Benefit

Should Each Team Invest in Offense or Defense?

Monetary Benefits From Investing Defense or Offense 15 -Monetary Benefits 10 -**Investment Direction** defense offense 5 -0 Brighton and Hove Althor West Ham United Nothingham Forest Manchester United Molyertampton Tottenham Hotspur CHetal Palace Leeds United Laicester City Southampton Brentford Liverpool Aston Villa AFC BOURSHOUTH Everton preenal