



Premier League Simulation

Tory, Jake, and Jingchuan



The Data

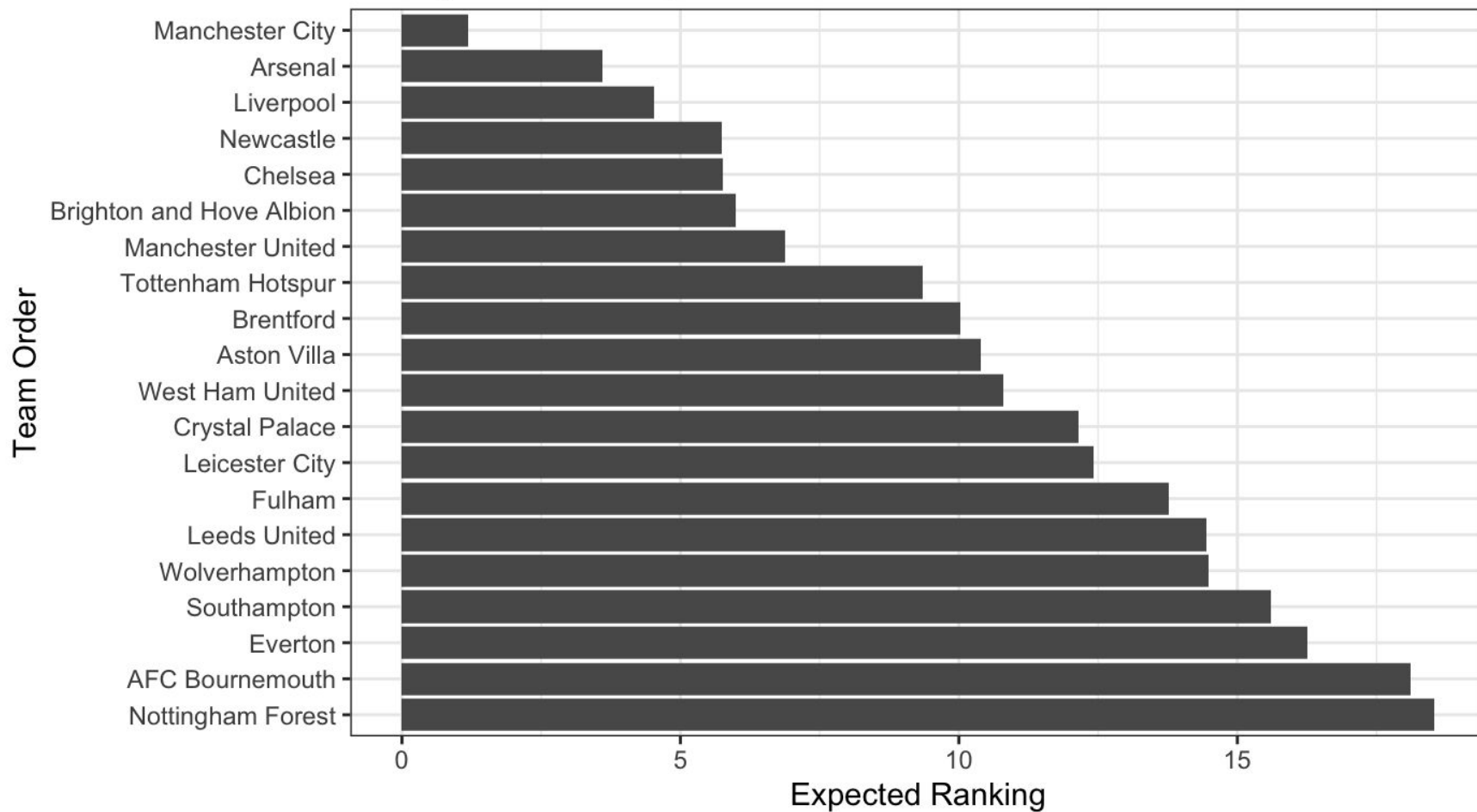
Provided by SPI Global

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

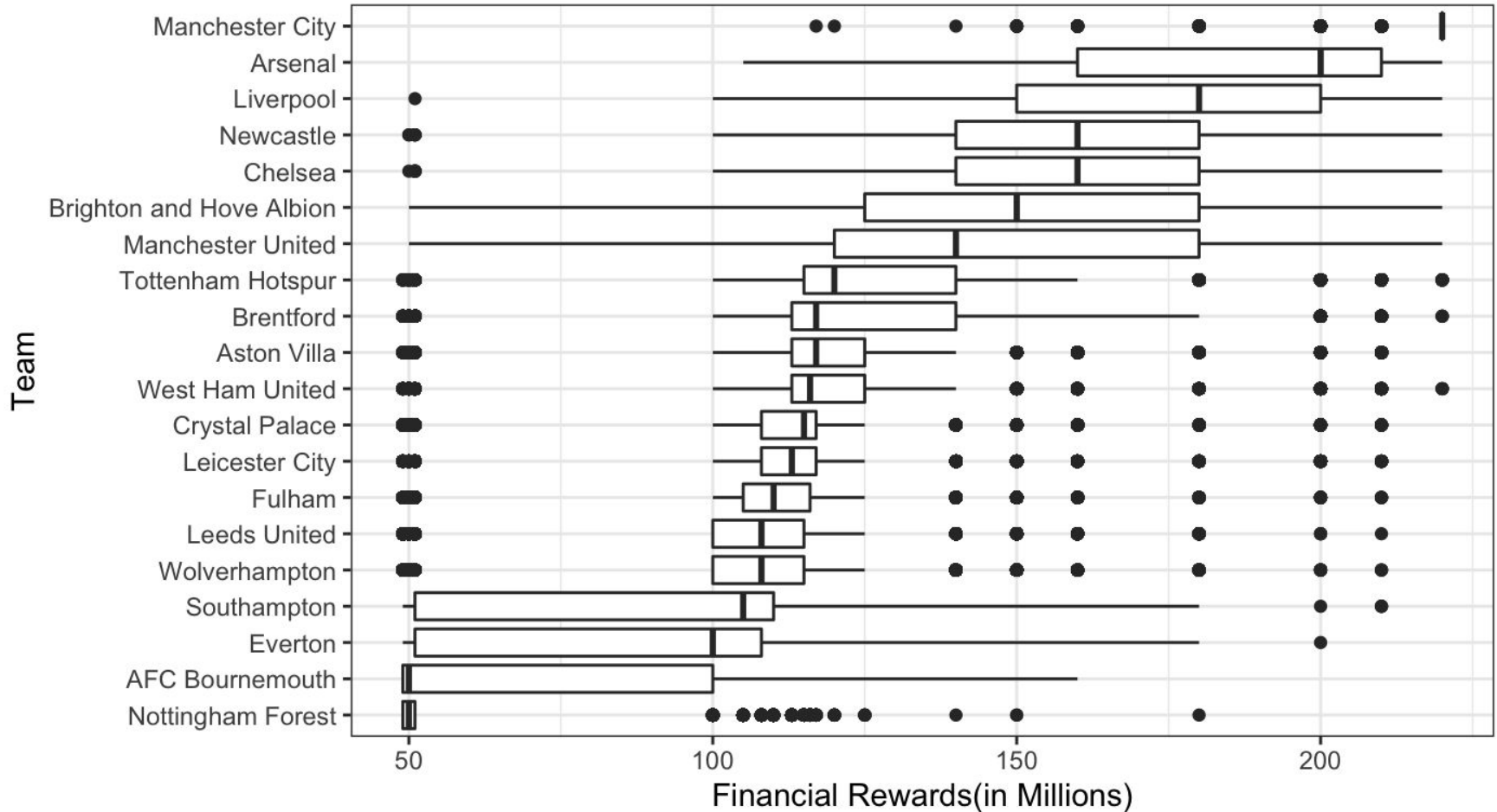




How Much is Each Team
Expected to Make this Season?



Variability of Earnings For Every Team in the Premier League

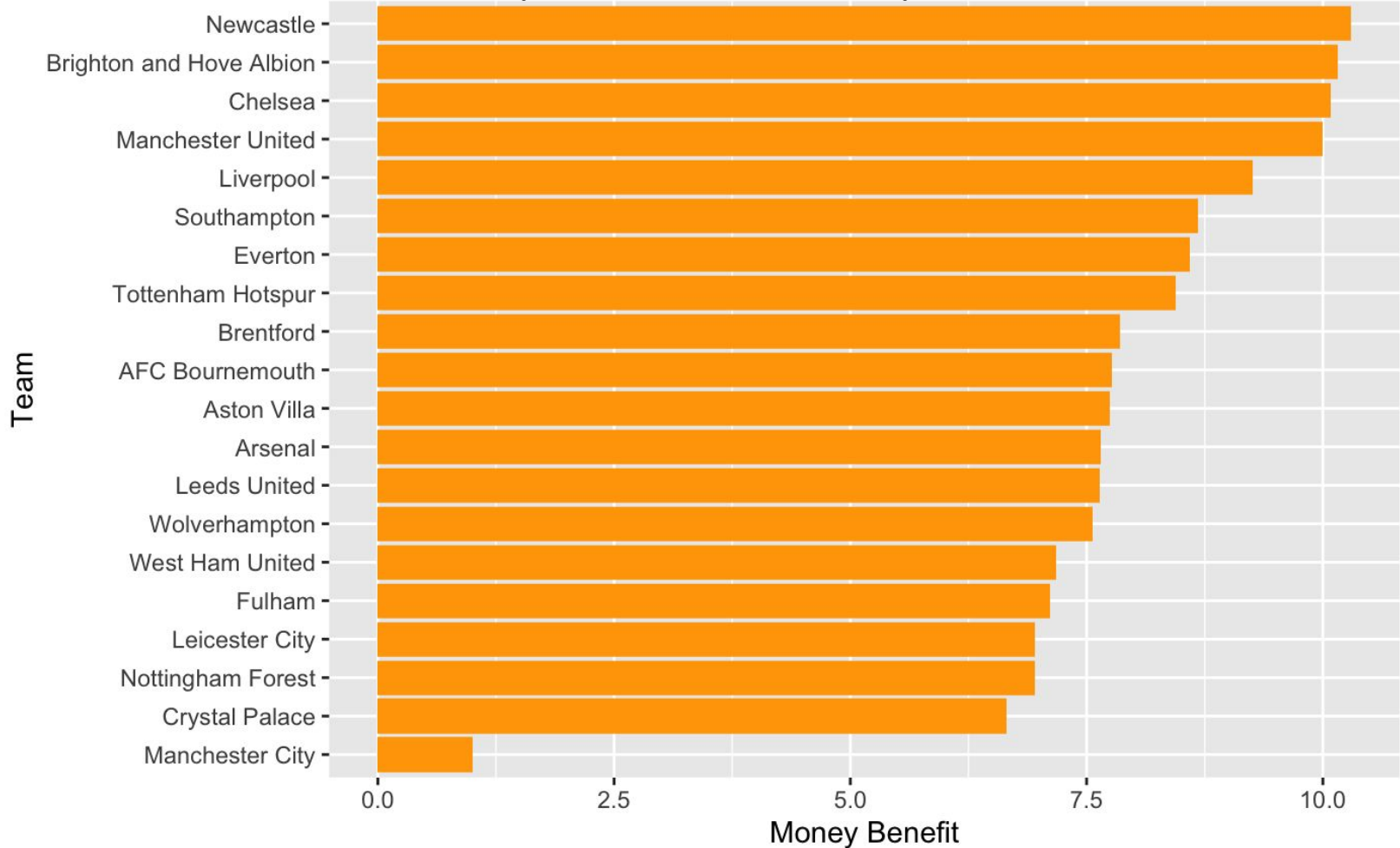





Who Stands to Gain the Most
from a Lucky Win?




Monetary Benefit of a Lucky Win





Should Each Team Invest in
Offense or Defense?



Monetary Benefits From Investing Defense or Offense

