



BUNDESLIGA

How does playing at Home vs. Away impact team performance?

Measured by average shots taken, shots on target, and fouls received

In this project, we are using data from the Bundesliga League in Germany. This dataset provides detailed match statistics for all Bundesliga games in the 2024-2025 season.

To address our research question, we compared the distributions of these three variables for Home and Away teams across the season. Our analysis looks at whether home-field advantage influences team behavior and performance across the three measures.

Football-Data.co.uk 2024, Bundesliga Season 2024-25 Dataset, raw dataset.
Data originally published by Football-Data.co.uk; accessed via the datasets/football-datasets GitHub repository on October 14, 2025:
<https://github.com/datasets/football-datasets/blob/main/datasets/bundesliga/season-2425.csv>

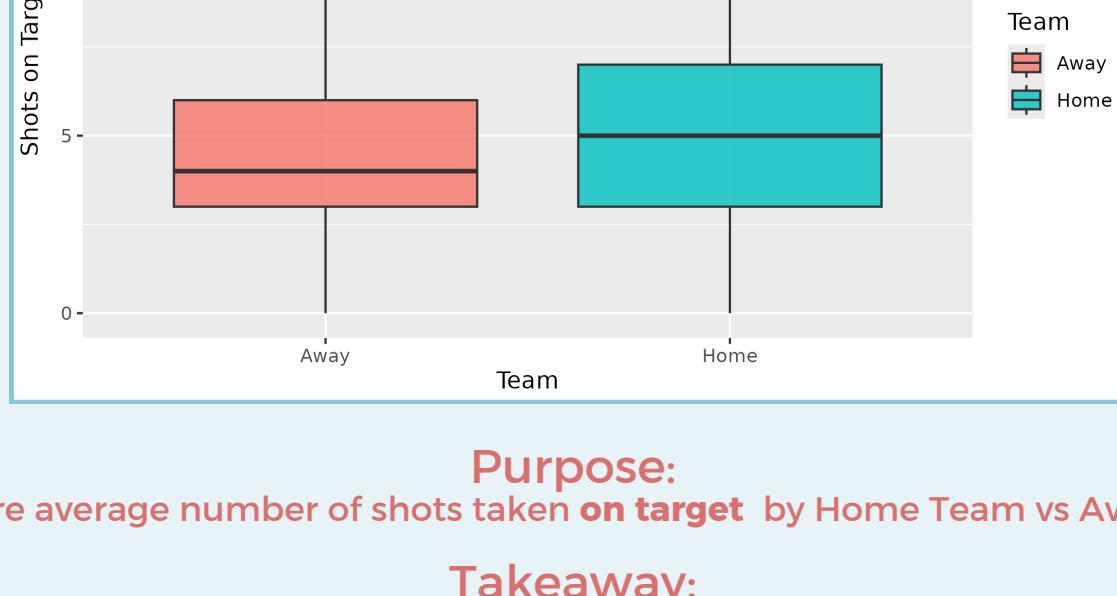


Purpose:

Compare number of shots taken by the Home and Away teams **per game**

Takeaway:

Home teams generally take more shots **per game**

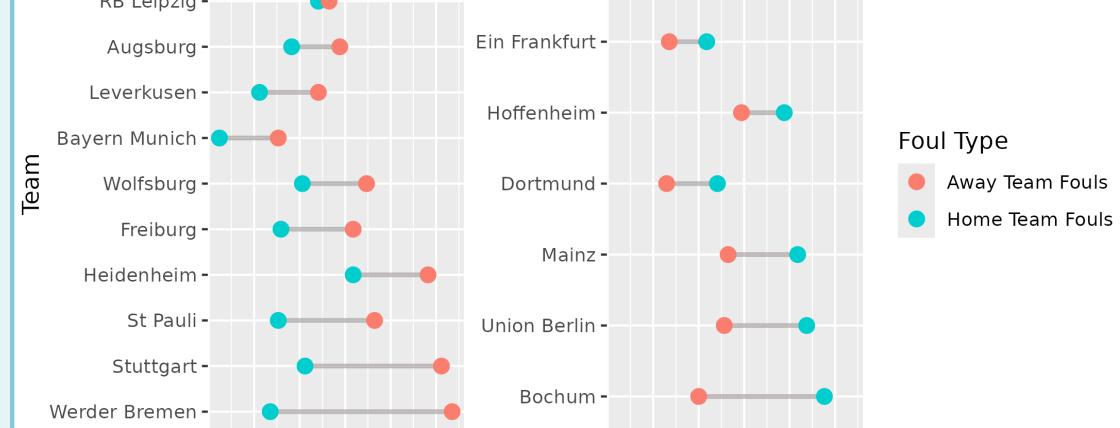


Purpose:

Compare average number of shots taken **on target** by Home Team vs Away Team

Takeaway:

Home teams take more shots **on target** than Away teams



Purpose:

Compare **fouls received** by Home and Away teams per game

Takeaway:

Away teams generally receive more fouls