THE HOME ADVANTAGE MYTH; MAJOR LEAGUE SPORTS

*All graphs drawn with R and Excel.



Conclusion:

Further Analysis:

NBA and NHL have definite home advantage due to proximity of fans.

- MLB is affected by travel fatigue.

We could analyze more detailed factors about travel fatigue, such as data from specific games after a certain travel distance from MLB. We could also research data from minor league sports or high school sports. Professionals in major league sports will be less affected by fans cheering or booing, whereas younger players in college teams or high school teams are younger and less experienced possibly resulting in more dramatic home advantage.



Home advantage exists, though with varying degrees in different major league sports.

Home advantage hardly exists in NFL due to its lenient schedule and distance from fans.