



Shiny App for NFL Statistics

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Overview

- Originally, this project was aimed to find a way to predict a team's record against-the-spread (ATS) based on team stats
 - However, every model performed poorly
- I wanted an easier way to simply and visually browse NFL stats
- Data was scraped from Pro Football Reference
 - Added detrended and ranks versions of scoring columns

NFL Team Statistics (2002-2023)

[Summaries](#)[Team Comparison](#)[Yearly Trends](#)[League Leaders](#)[Play Types](#)[ATS Predicators](#)

Select Team 1:

DEN

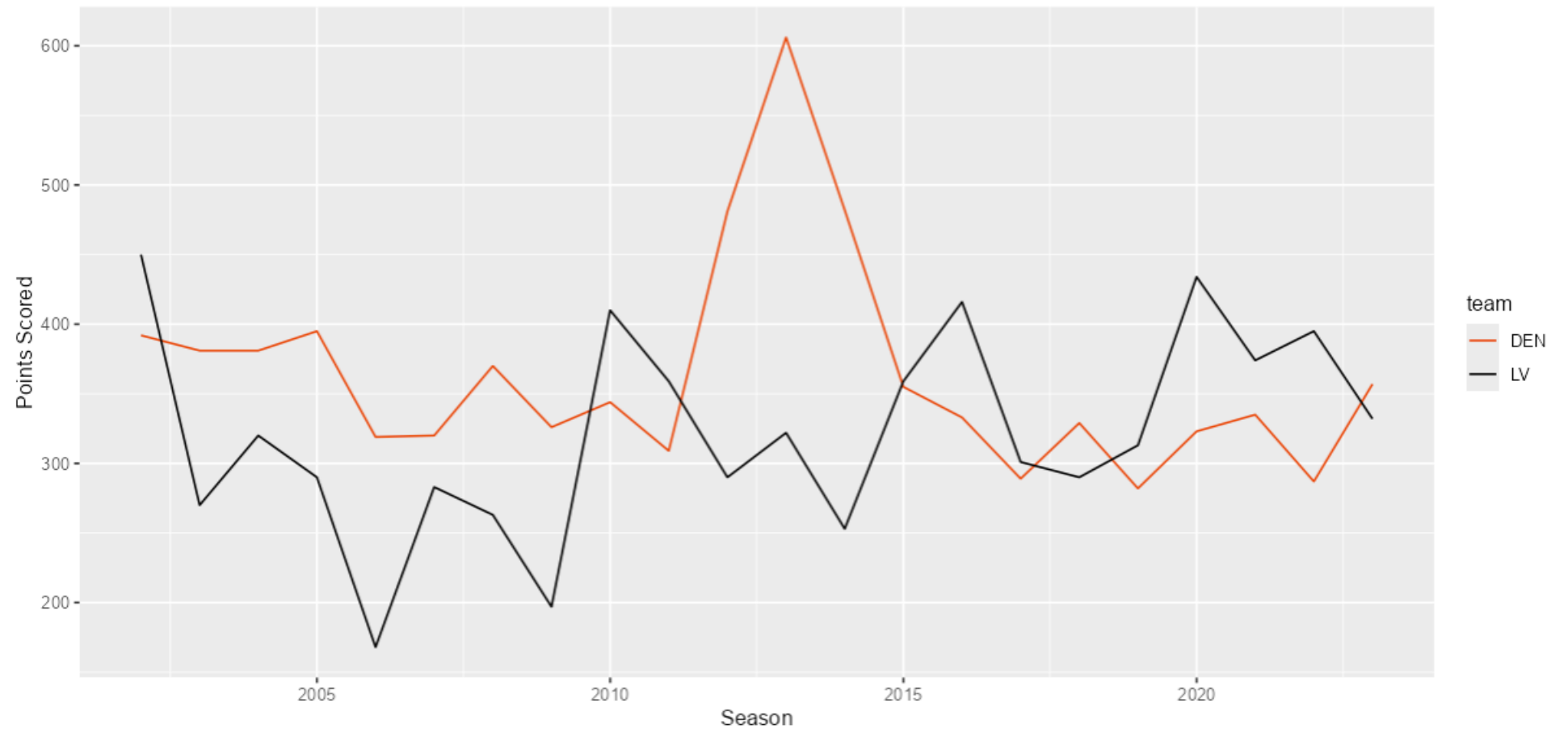
Select Team 2:

LV

Select Team Metric:

Points Scored

Offensive Points: DEN vs LV



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Select Metric for Trends:

Points

Select Year Range:

2,002

2,023

2,002

2,005

2,008

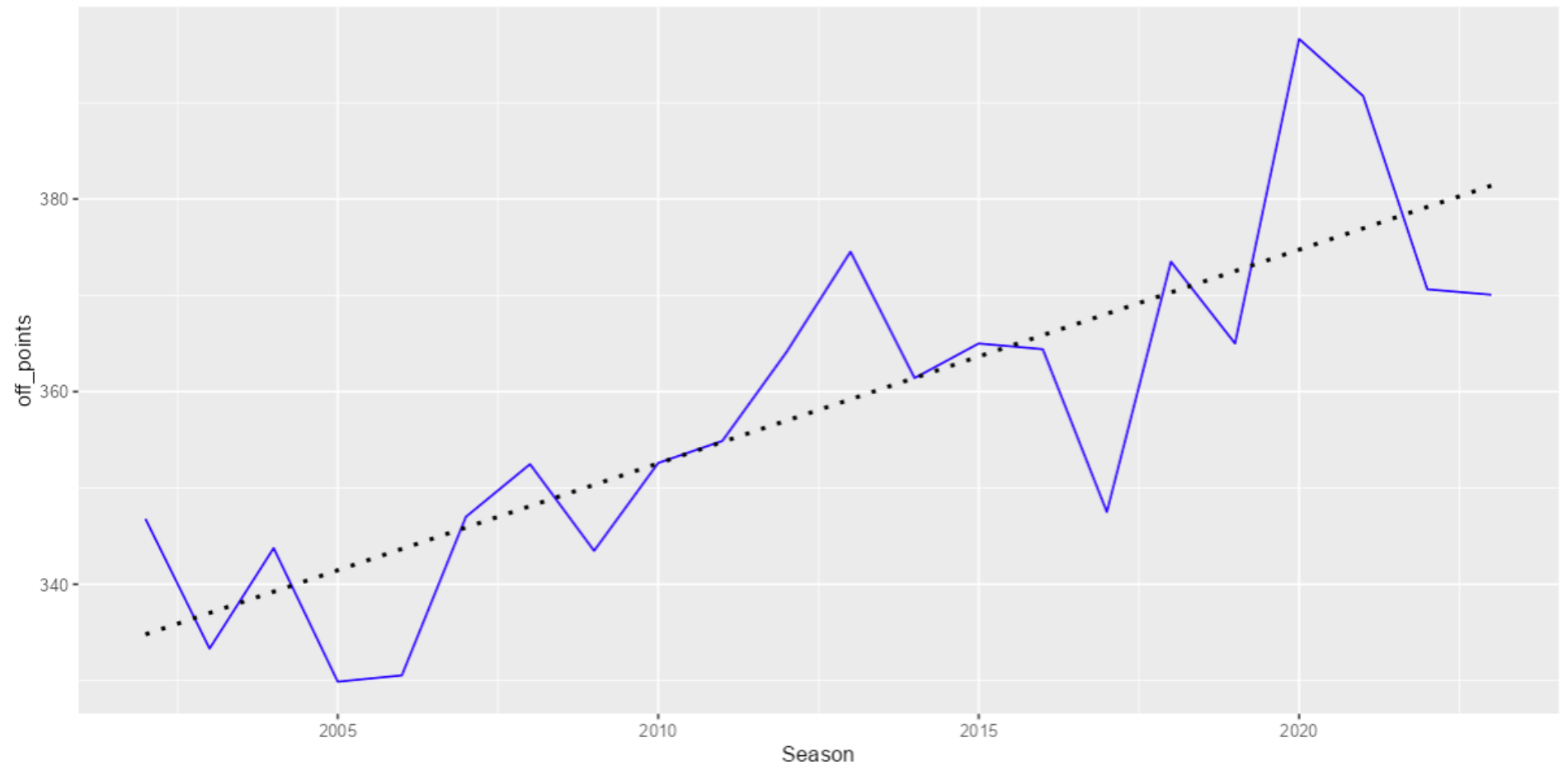
2,011

2,014

2,017

2,020

2,023



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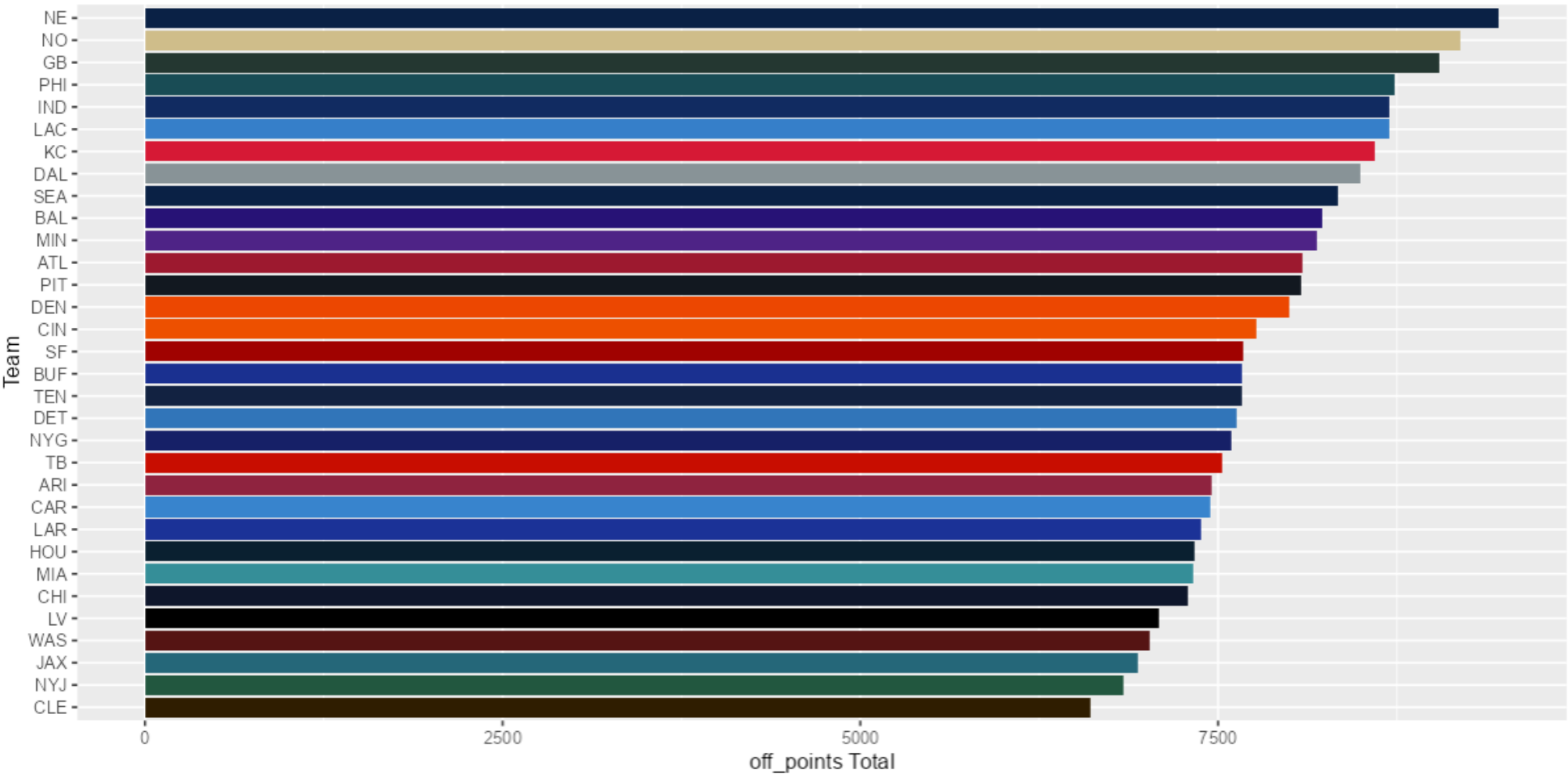
League Leaders

Play Types

ATS Predictors

Select Play Metric:

Points Scored



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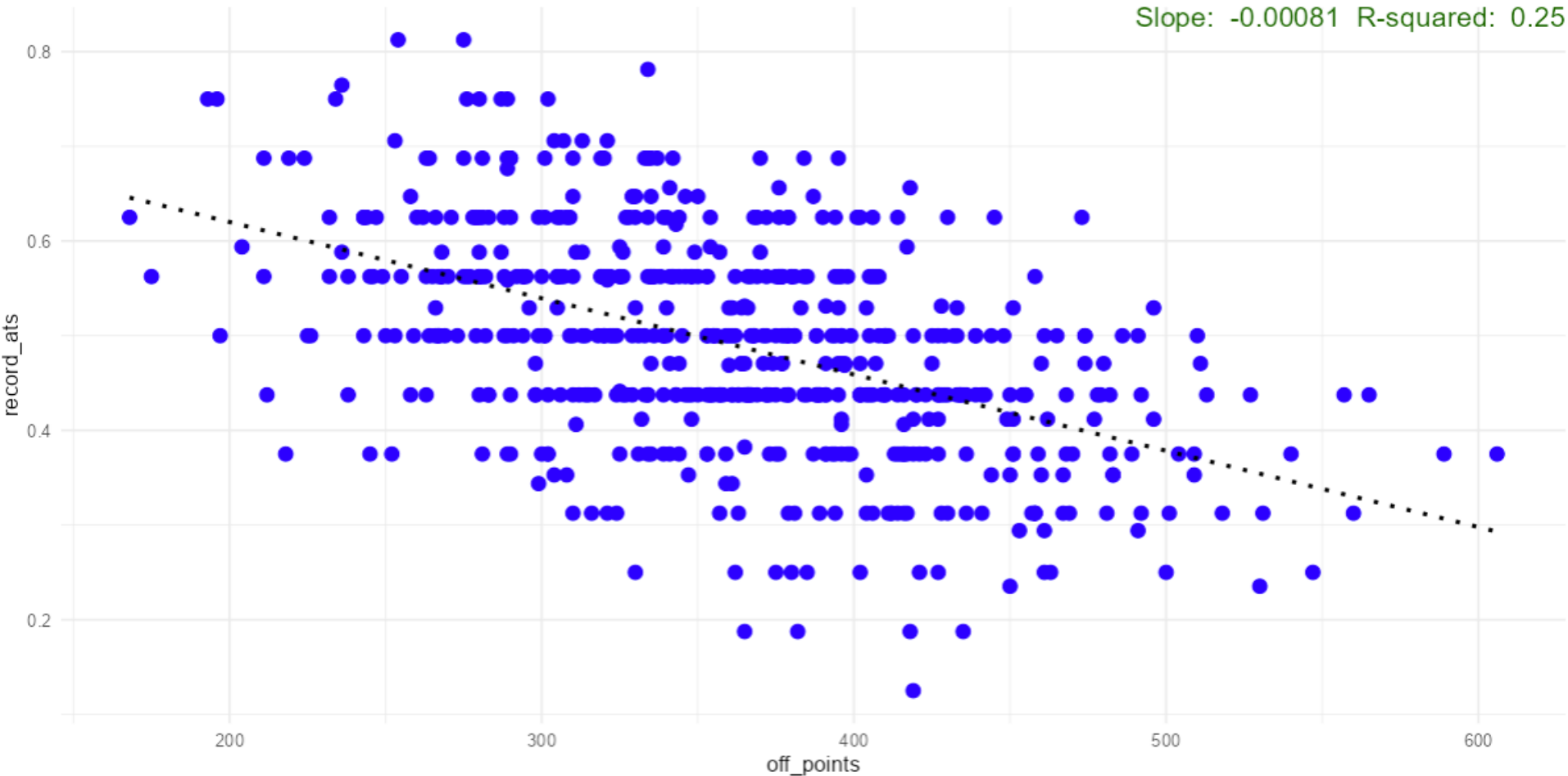
League Leaders

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ATS Predictors

Select Play Metric:

Points Scored



Regular Season Record and ATS

