

# Wins from Finance? An Analysis of NFL Contract Data

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# Question

- Can how an NFL team spends its money meaningfully predict its success?
- Which positions give the greatest return on investment?

- Scraped from [spotrac.com](https://www.spotrtrac.com)
- Salaries for each position group for all 32 teams
- Injured reserve, active salaries, and dead cap
- Entirety of the current Collective Bargaining Agreement

# Linear Model Insights

1. Active Contracts ↑
2. Injured Reserve ↓
3. Dead Cap ↓
4. Defensive Line ↓
5. Quarterback ↑
6. Special Teams ↑
7. Offensive Line ↑

- Testing RMSE 2.843
- In a 16 game season, this is a 17.7% error

# Residuals

