

# A Predictive Model for Determining NFL Quarterback Contracts<sup>\*</sup>

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## Abstract

This project attempts to create a model that can predict the future contract values of quarterbacks who played in the league from 2000-2015. The use of application programming interfaces (API) will be employed to extract necessary data from online databases. (Blah blah blah something about the model in more detail) This model could have blah blah implications for NFL teams and the field of sports economics.

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# 1 Introduction

Longer drawn out Abstract, minus any result.

## 2 Literature Review

WHAT IS THE VALUE OF A NATIONAL FOOTBALL LEAGUE DRAFT PICK? AN ANALYSIS BASED ON CHANGES MADE IN THE COLLECTIVE BARGAINING AGREEMENT.

Contract Length, Expected Surplus, and Specific Investments: Empirical Evidence From the National Football League. Tang, Meng-Chi

Optimizing the allocation of funds of an NFL team under the salary cap. Mulholland, Jason; Jensen, Shane T.

All Four Quarters: A Retrospective and Analysis of the 2011 Collective Bargaining Process and Agreement in the National Football League. Deubert, Chris; Deubert, Chris; Wong, Glenn M.; Howe, John

The 2011 NFL Collective Bargaining Agreement and Drafted Player Compensation.

Testing Market Efficiency: Evidence From The NFL Sports Betting Market. Authors: Gray, Philip K Gray, Stephen

Are Sports Betting Markets Prediction Markets?: Evidence From a New Test. Kain, Kyle J.; Kain, Kyle J.; Logan, Trevon D.

## 3 Data

Data TBD rendered from API and other online databases. Cleaned with R.

## **4 Empirical Methods**

Retrieved from online. Cleaned and regressed through R. Stargazer for tables and charts.

## **5 Research Findings**

TBD

## **6 Conclusion**

TBD