

# ECON 0150 Project

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# Research Questions & Main Findings: Draft Analysis

Research Question: Does the number of years a quarterback plays in college predict their largest NFL contract (Success)?

Statistical Model:  $\text{LargestContract} = \beta_0 + \beta_1(\text{YearsinCollege}) + \epsilon$

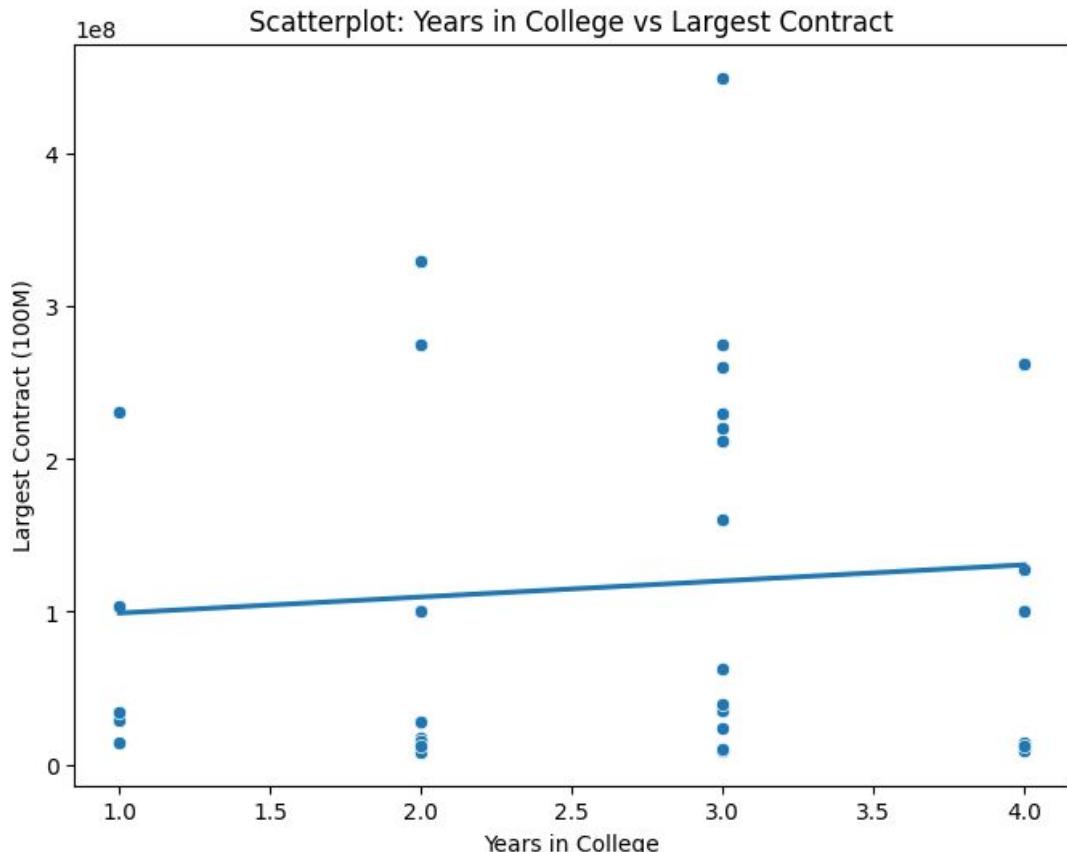
Main Findings:

- Coefficient:
  - $\beta_1 = 10.53$  Million
  - $p = 0.637$
- Interpretation
  - For each additional year spent in college, the model estimates an average increase of \$10.53 million in the QB's largest NFL contract.
- This effect is NOT statistically significant ( $p = 0.523$ )
  - The 95% confidence interval ranges from -\$34.5M to +\$55.5M, showing high uncertainty.

# Visualization & Conclusion: Bust

## Conclusion:

- There is no evidence that the number of years a QB plays in college predicts their largest NFL contract.
- Variation in contract size is likely driven by other factors such as performance metrics and awards.
- Could potentially show more promise if the sample size were greater. In the future could try Quarterbacks taken in the first 1-3 rounds.



## Final Interpretation:

Years in college is NOT a meaningful or significant predictor of a quarterback's largest NFL contract.