

Turnovers, Turnovers, Turnovers: A study to determine how turnovers affect teams' win percentage in the National Football League

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Abstract

In this paper I investigate the impact of turnovers on the outcome of games in the National Football League(NFL). The data used to answer this question includes 895 NFL games over the course of the 2019-2022 NFL seasons. After completing a regression analysis the results show that turnovers from both the home team and the opposing team significantly impact the ending result of an NFL game. Other variables including rushing and passing yards from each team also had a significant impact on the outcome of NFL games. My findings illustrate which statistics have a significant impact on the final outcome of NFL games.

Keywords: NFL, Turnovers, Outcome