

# Fairway Percentages Correlation to FedEx Cup Points

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## Abstract

The Professional Golfers' Association (PGA) Tour uses the FedEx Cup as a season-long points system to reward performance, yet the influence of specific game statistics, such as fairway percentage, on point accumulation remains underexplored. This study investigates how fairway accuracy correlates with FedEx Cup points, drawing from a dataset of 2,312 PGA Tour players from 2010 to 2018, sourced from Kaggle.com. A multiple linear regression analysis was conducted on 1,674 golfers with complete data, examining fairway percentage alongside control variables: driving distance, greens in regulation, scrambling, and putting average. The analysis revealed a statistically significant positive relationship between fairway percentage and FedEx Cup points ( $\beta_1 = 4.318$ ,  $p = 0.034$ ), with each 1% increase in fairway percentage contributing an additional 4.318 points. However, the model accounted for only 0.8% of the variance in points ( $R^2 = 0.00804$ ), and other variables showed no significant impact (e.g., driving distance,  $\beta_2 = 0.359$ ,  $p = 0.754$ ). These findings suggest that while fairway accuracy plays a role in FedEx Cup success, it is a minor factor compared to unmodeled elements like tournament wins.

**Keywords:** PGA Tour, FedEx Cup, fairway percentage, driving accuracy, golf performance