

What shot affects Terps Success?

Maryland WBB

Data collected until 12/03/2023



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BIG TEN

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Modeling Point Differential

Point Differential

Terps score - Opponent Score
Higher point differential indicates greater success in game.

Dependent Variables

Variables with low importance has been removed. Best mode includes:
Midrange %, 3 point %, Possessions of Shots off the dribble

How good is this model?

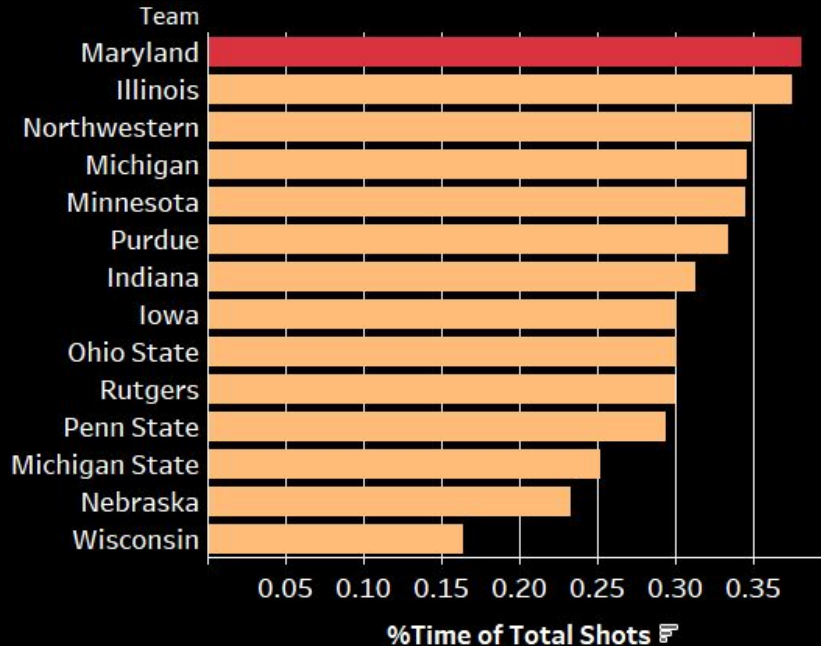
$R^2 = 0.943$
The model explains 94.3% of the data.

Model Summary

Variable	Coefficient
Shots off the dribble possession	-3.65
Midrange %	2.07
3 point %	0.859

Shots off the dribble has highest impact on point differential:
Every 1 possession of shots off the dribble that we take in a game, it decreases the point differential by 3 points.

%Time of Shots off the Dribble



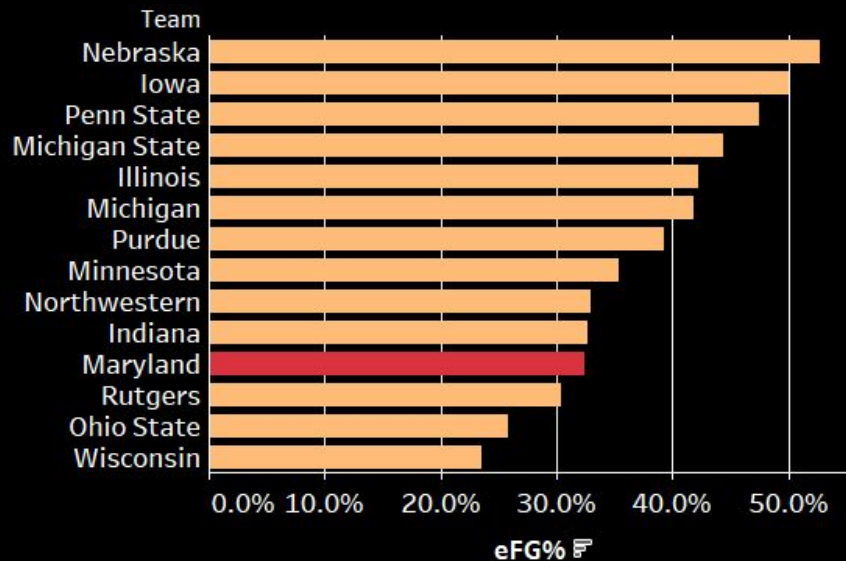
How often do we take shots off the dribble?

Compared to Big Ten teams, Terps have the highest %Time of shots where we shoot it off the dribble. We shoot off the dribble **38.06%** of the time.

Compared to all NCAA

Terp's high %Time of shots off the dribble is also reflected nationally where it ranks at the **72%** percentile.

eFG of Shots off the Dribble



Effective FG in Big Ten

Even though Terps have the highest %Time of shots off the dribble, our eFG% is among the bottom 5 in the Big Ten

Worst than NCAA average

Our low eFG% is also reflected when compared to DI schools. The Terps eFG% of **32.4%** is below the national average of 34.6%

Recommendatitons

Impact of Shot Types

Reducing the number of shots off the dribble on average increases Terp's point differential



Conduct Video Analysis

- Is high dribble pull up possessions due to:
 - Missing passing reads
 - Not driving into the paint to occupy help defenders
 - Taking pull ups when there is a better shot opportunity

Compared to Competition

Terps are among the worst dribble pull-up shooting team in the Big Ten.

