NBA Star Bias (?) “You can’t get too close to Michael or it’s a foul”

NBA underdog bias?

Data Sources

* boxscore information from all regular season NBA games
  + First test
  + Fouls Awarded ~ FT% + Usage Rate
  + Robustness checks – check different years and seasons
  + Check different stats and controls.
  + Playoff vs non-playoff.
  + <https://eightthirtyfour.com/data>
  + <https://causalkathy.com/2017/02/04/nba-fouls-data-and-basics/>
* https://pudding.cool/2017/02/two-minute-report/

Prior Reading

<https://www.reddit.com/r/nba/comments/6i3ikp/an_economdetrics_analysis_of_nba_referee_star_bias/>

<https://bleacherreport.com/articles/1173800-10-worst-officiated-games-in-nba-history-could-the-nba-really-be-rigged>

Talks about turnovers, but looks at home teams, losing during games and losing playoff series.

<https://www.researchgate.net/publication/228311986_Subperfect_Game_Profitable_Biases_of_NBA_Referees>

Good literature summary

<https://content.iospress.com/articles/journal-of-sports-analytics/jsa0012>

Star bias – already done?

<https://www.tandfonline.com/doi/abs/10.1080/13571516.2014.903110>

Wolfers Racial Bias

<https://www.nber.org/system/files/working_papers/w13206/w13206.pdf>

New data – good summary

<https://www.researchgate.net/publication/288856593_No_referee_bias_in_the_NBA_New_evidence_with_leagues'_assessment_data>

Are good players just better at drawing fouls?

* Use 2 minute report from pudding.

2 minute report – fairness of calls.

FT – hack-a-shaq

Usage ratio and pts and offensive rating – amount of plays, should be good control for number of players.

Just hard

Questions

Do star players get awarded fouls more than non-star players?

Do referees award players in foul trouble more or less fouls if they are in foul trouble?

* Fouling out.