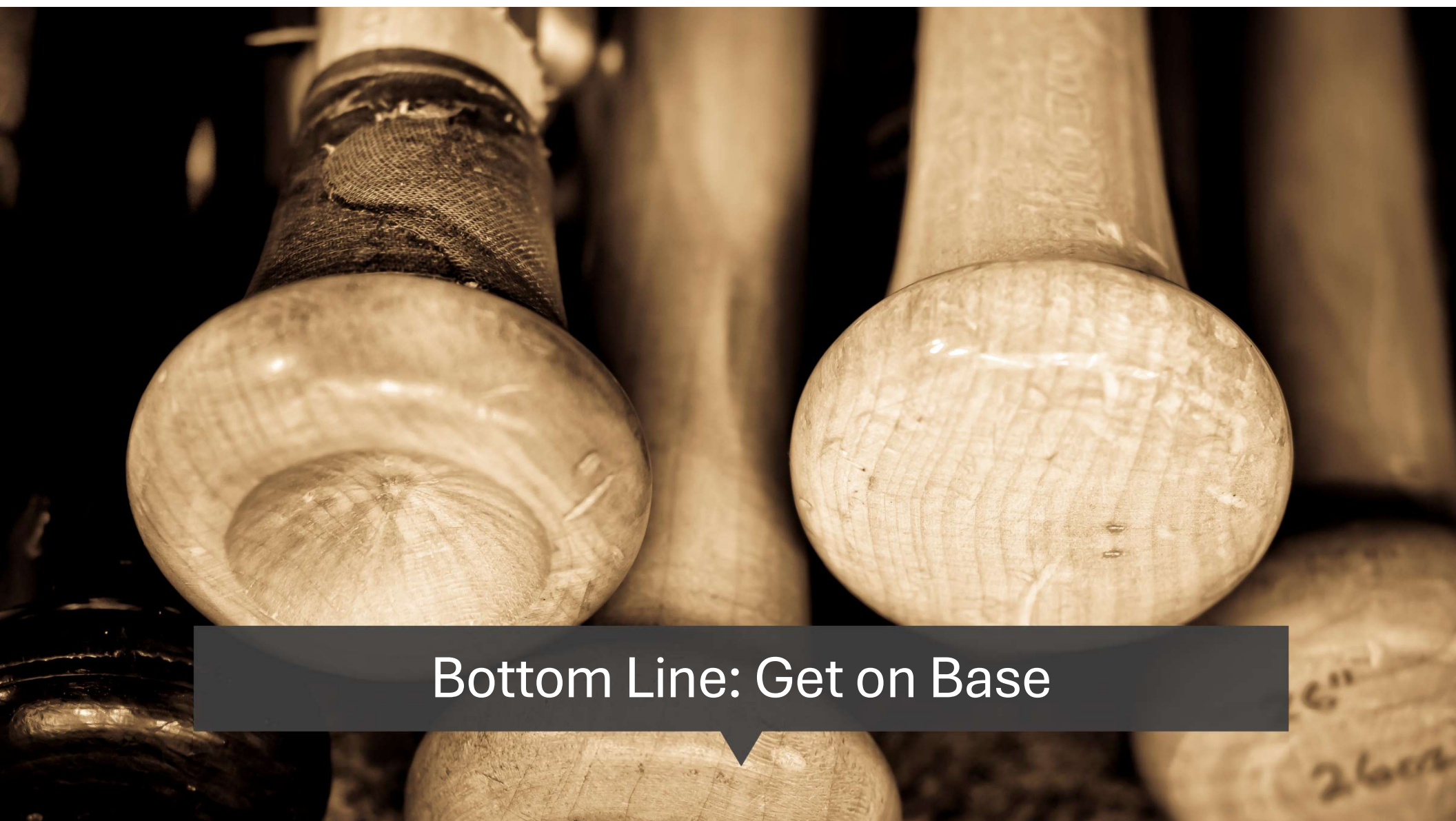




The Science and Foundation of Winning: Analyzing Baseball Outcomes

Double Play Analytics

30 May 2024



Bottom Line: Get on Base

Background

- Baseball as a business
 - An investment
- Moneyball/Billy Beane
- Texas Rangers:
<https://www.datanami.com/2024/03/29/rangers-redux-can-texas-repeat-with-data-analytics-and-ai/#:~:text=For%20instance%2C%20the%20Rangers%20used,free%20agent%20pitchers%20would%20have.>



Data Overview

- The dataset was taken from <https://www.retrosheet.org/>. They came from the Game logs dataset for 2010 through 2023.
- Looked at a max of 20 game features
- Outcome: win/lose



Analysis

Findings and Recommendations

Recommendations

- Things change over time; go back to basics before more nuanced analysis (strikeouts over time figure)
- Get on base



Bottom Line: Get on Base

Next Steps

- The park matters
- Advanced Analysis





Questions?

Supplemental Information

- - How to build a park? How to build a team for your park , e.g. left handed pull hitters for Yankee stadium - have a short right field porch/fence; CO the ball travels further so they have a huge outfield - so need fast players to cover the ground.
- - Which parks see the most home runs - holding xyz factors constant
- - Mental fortitude as a factor/clutch performance