

Expected_RBI

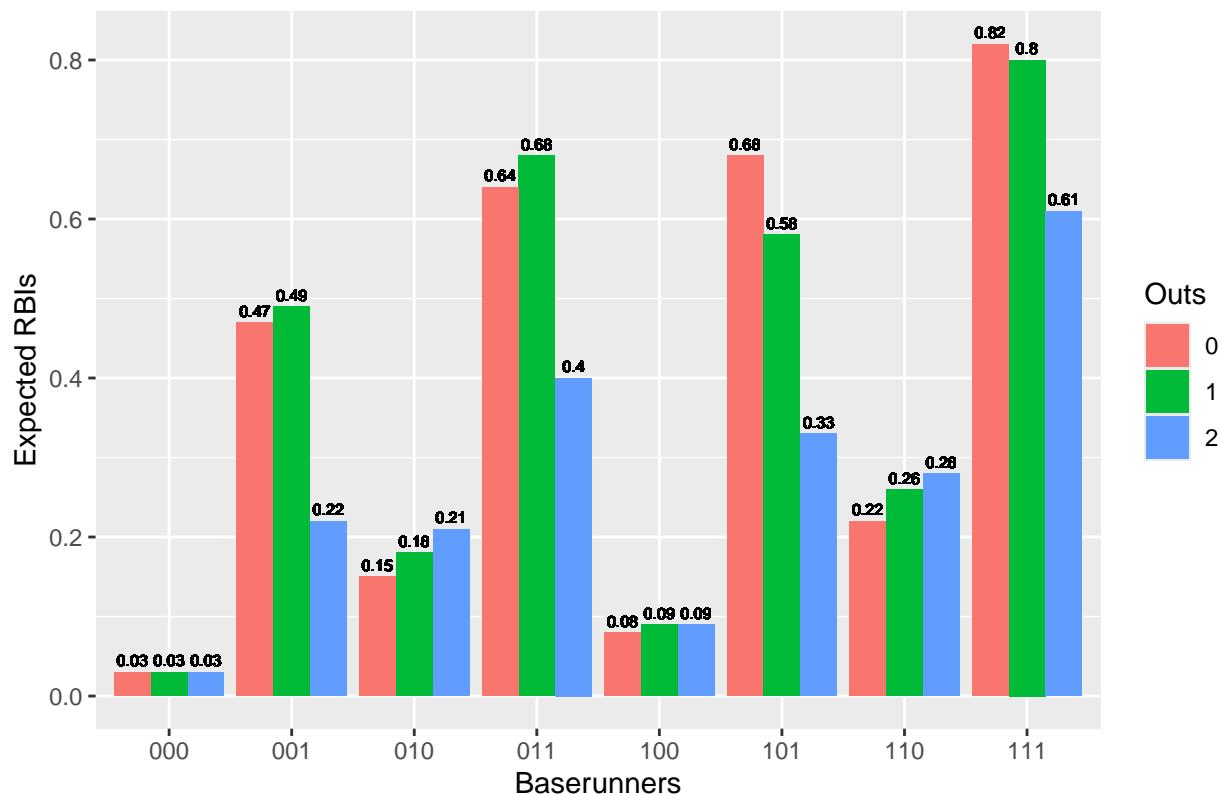
Kyle Bushman

2025-07-31

RBI Expectancy

This graph represents the number of RBIs expected in each scenario.

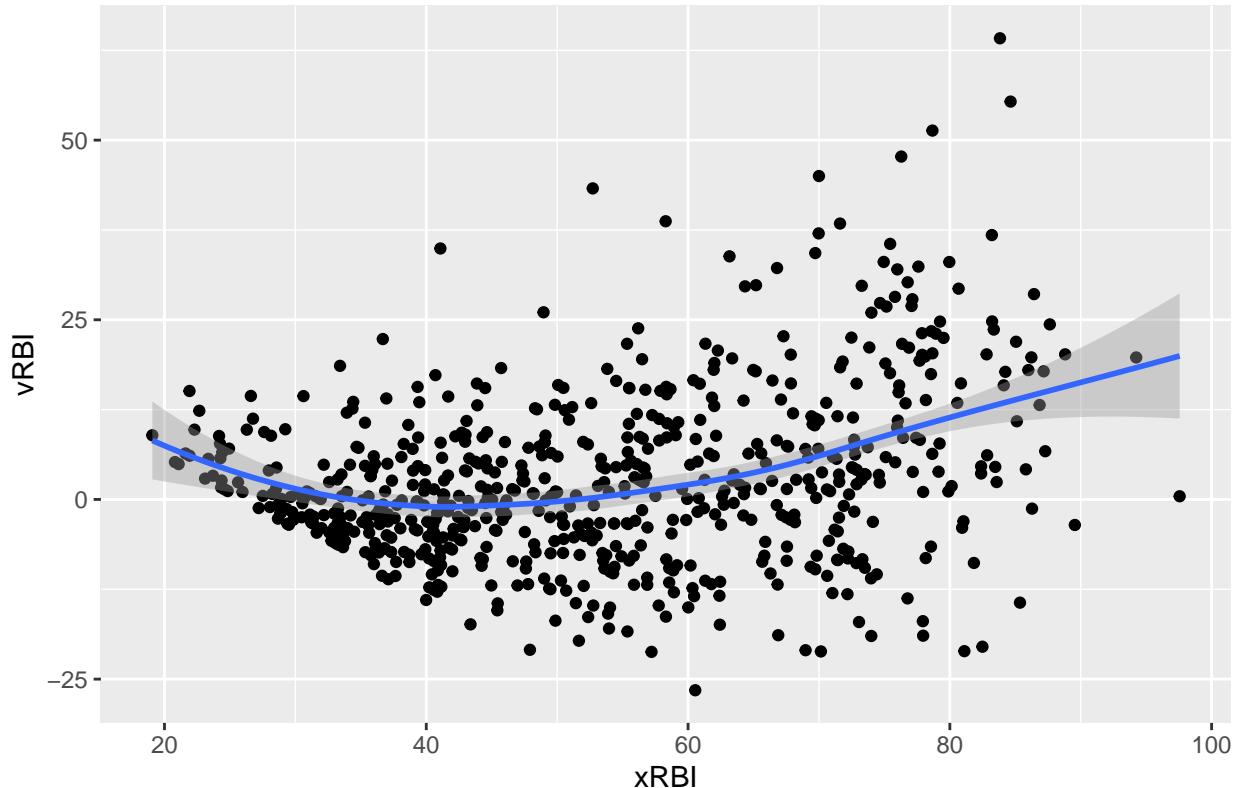
RBI Expectancy by Scenario



Nature of vRBI

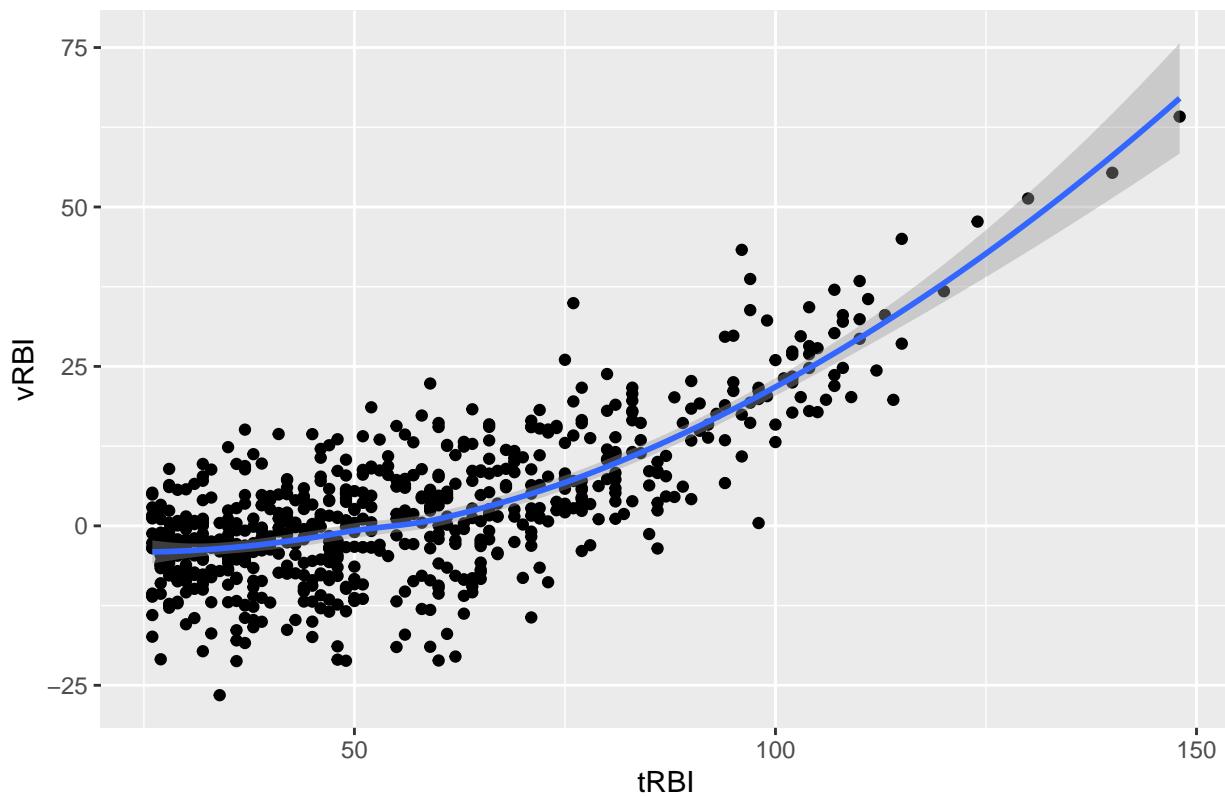
You can see a relationship between vRBI and xRBI below. More xRBI correlates to more vRBI. This could mean that good hitters are correctly identified and are placed into situations where they have more RBI opportunities.

Expected RBI Vs. RBI Value



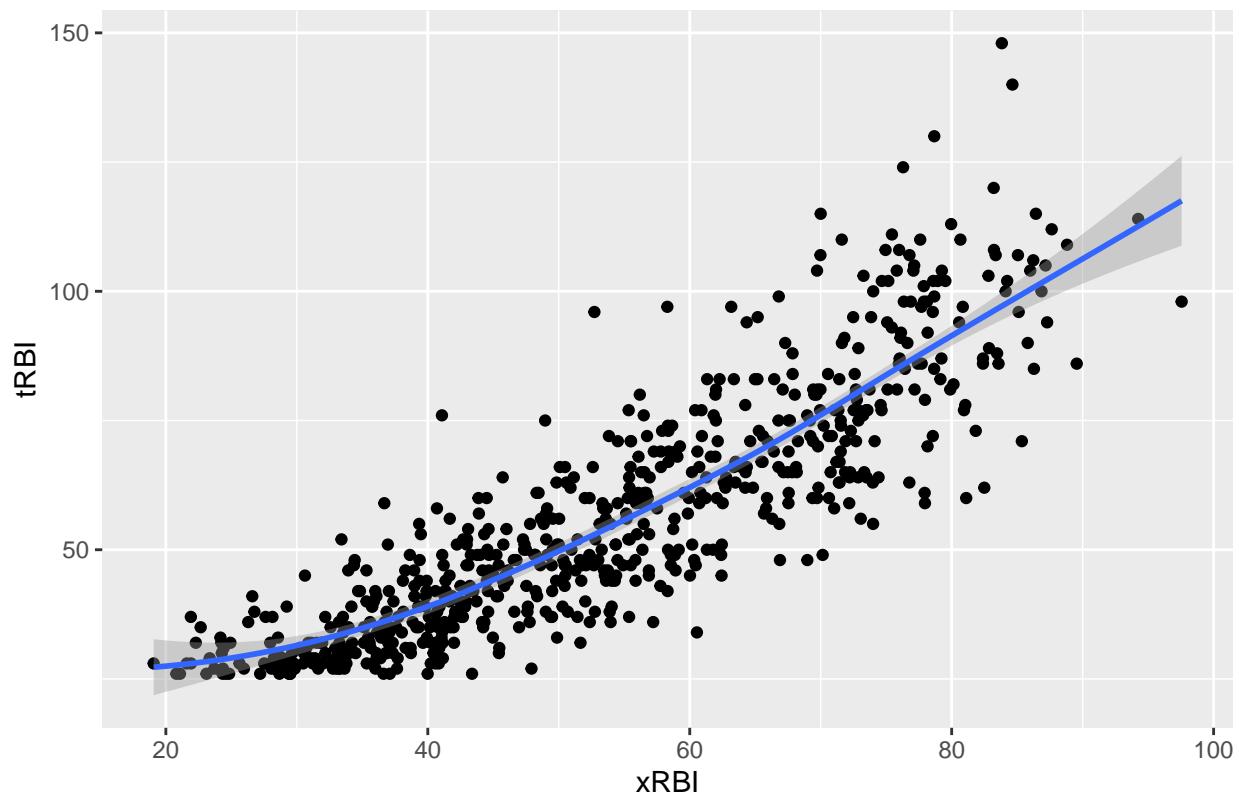
Clearly, the plot below shows that more RBIs correlates strongly to more vRBI. This makes sense and shows that, in general, recording more RBIs is a sign of bringing value to your team.

Total RBI Vs. RBI Value



The next plot shows how xRBI relates to total RBIs. As should be the case, players who are expected to have more RBIs generally do have more RBIs.

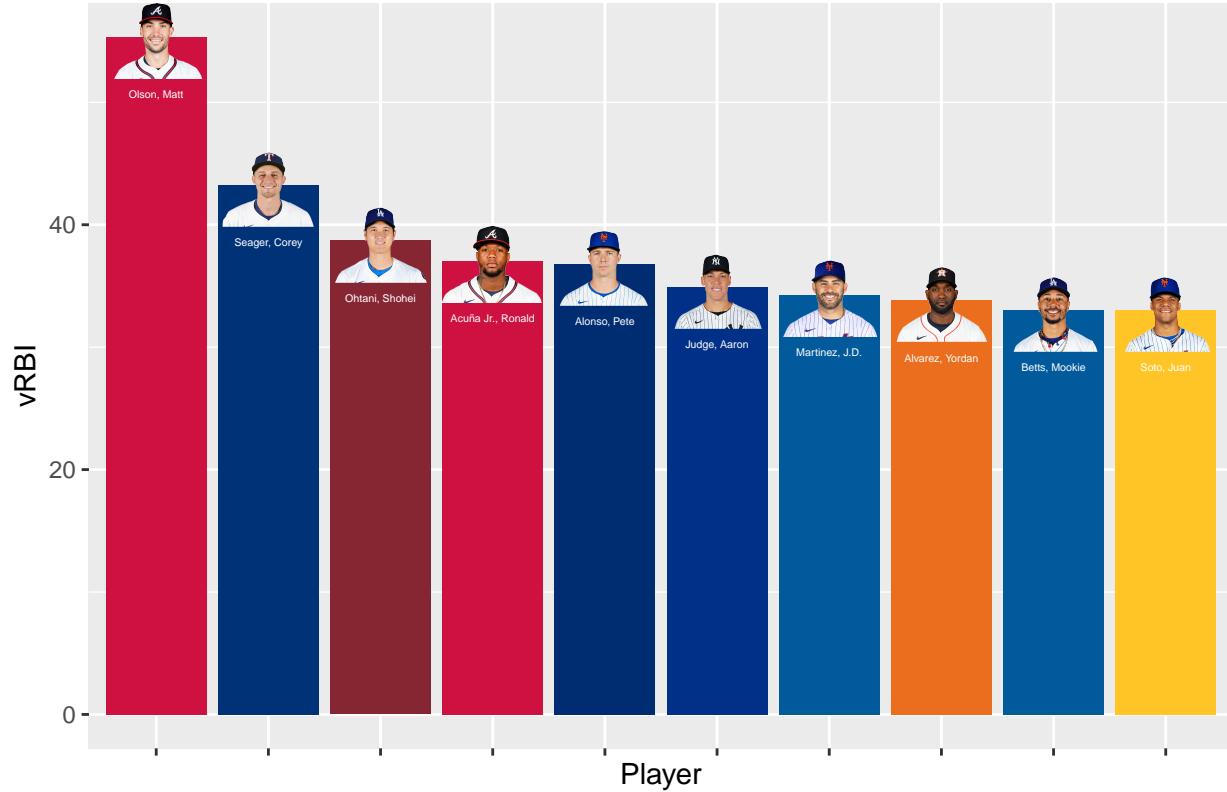
Expected RBI Vs. Total RBI



Leaders in vRBI

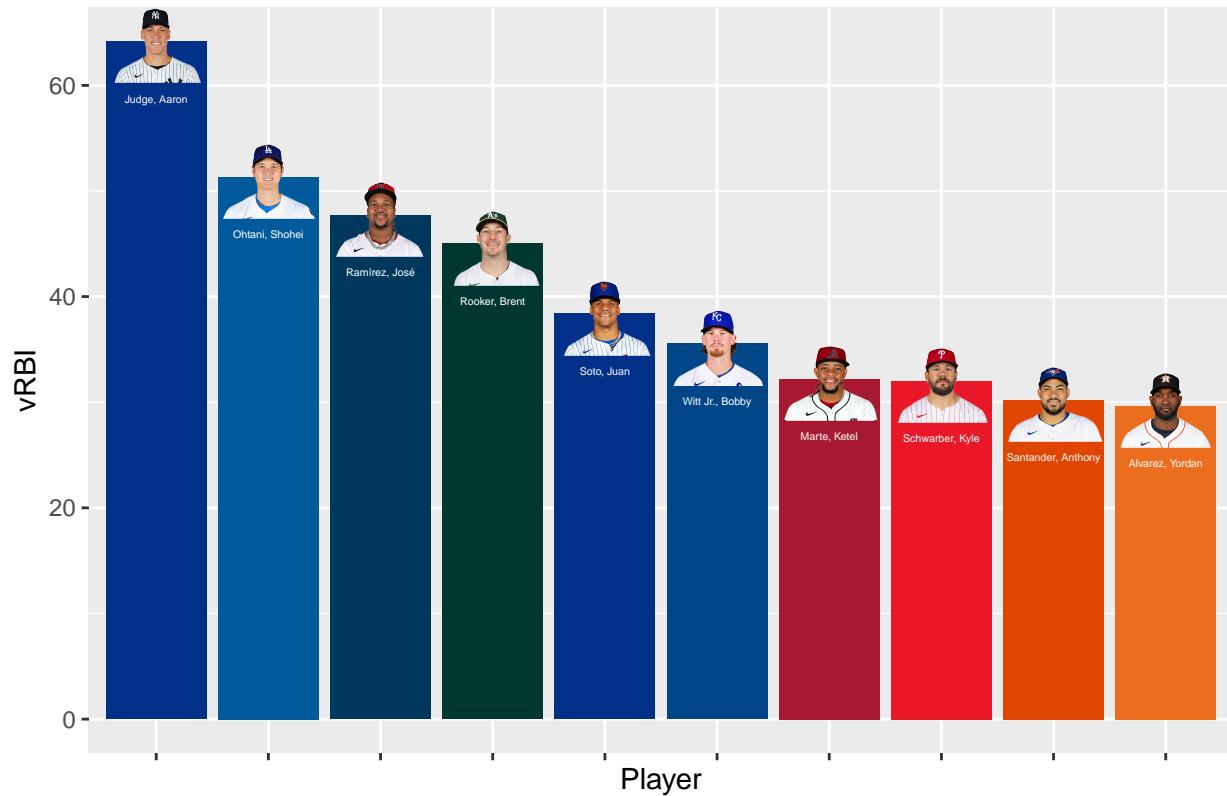
In 2023, Matt Olson led the league in vRBI. You can see this leaderboard is very strong and indicates vRBI is a useful stat for measuring player ability.

vRBI Leaders 2023

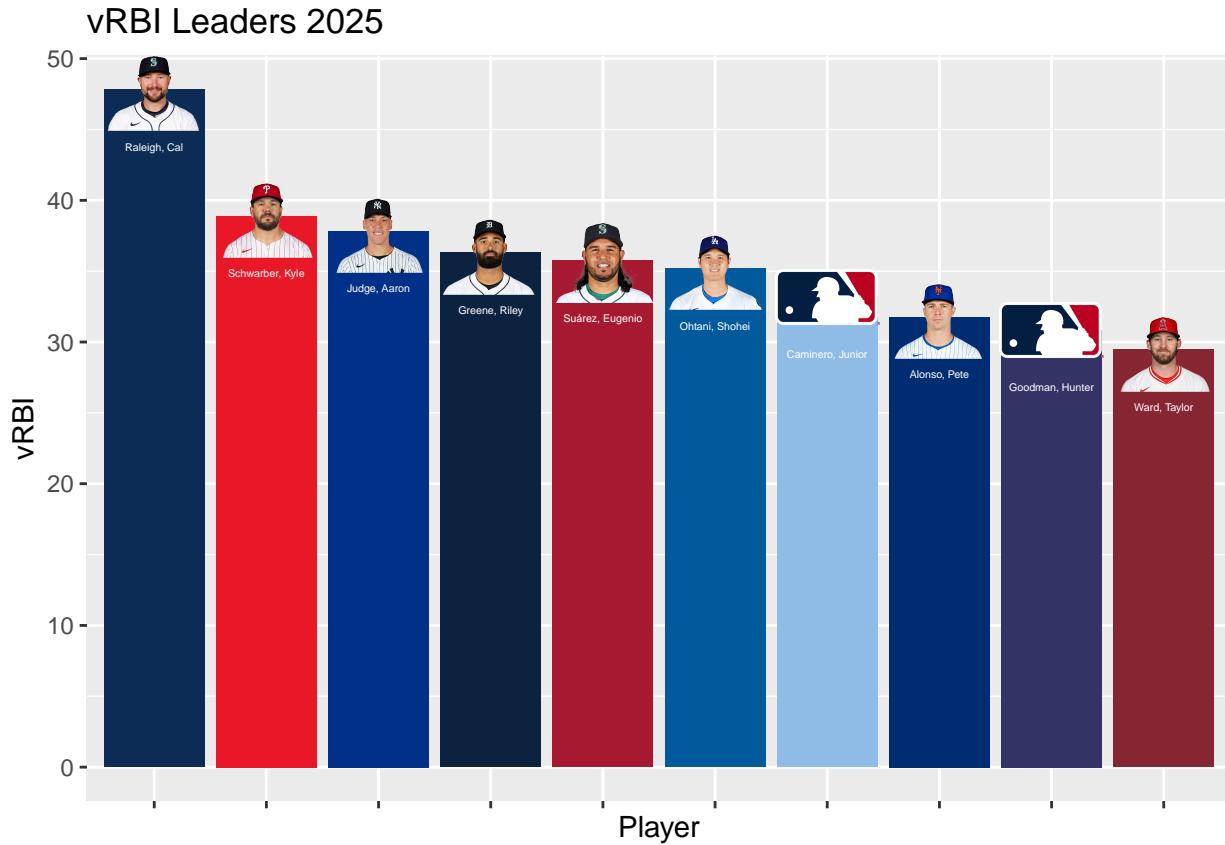


In 2024, it was Aaron Judge who topped the charts, setting another great example for vRBI as a meaningful metric.

vRBI Leaders 2024



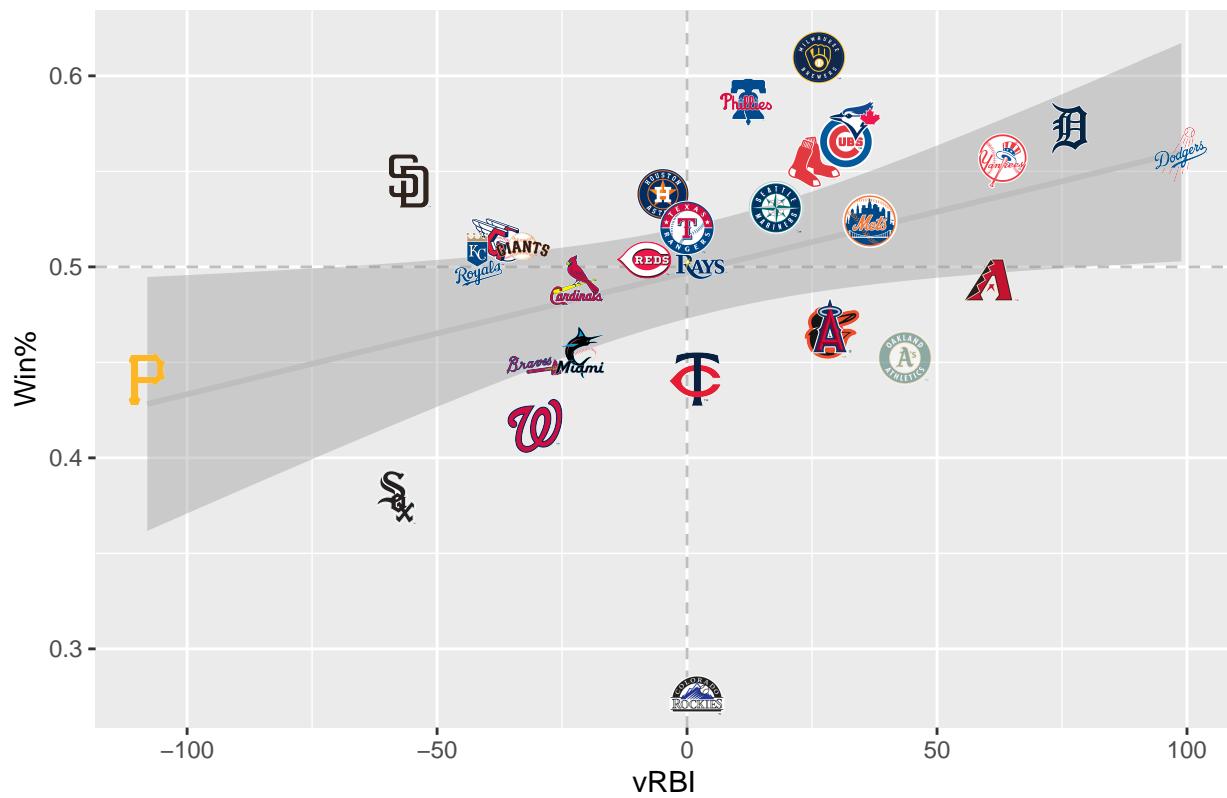
In 2025 (through Aug 18), we have Cal Raleigh as the front runner. Notice that these leaders are high on the list, but not always leading in WAR. This is exactly what I was hoping for! I want a metric for measuring clutch hitting, not just overall value. I think vRBI is a great way to evaluate another aspect of hitting.



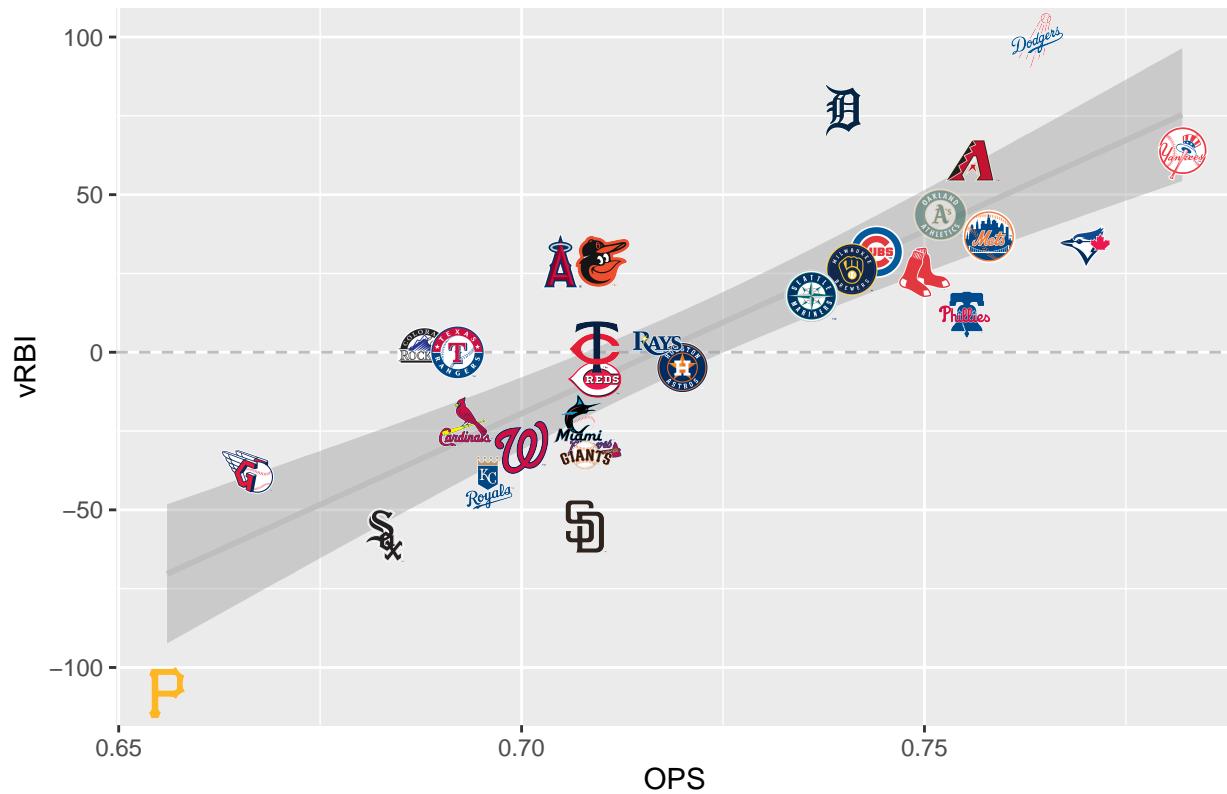
How vRBI Correlates with General Offense

Below are a few plots to help understand how vRBI can be accrued and how it affects a team's ability to win.

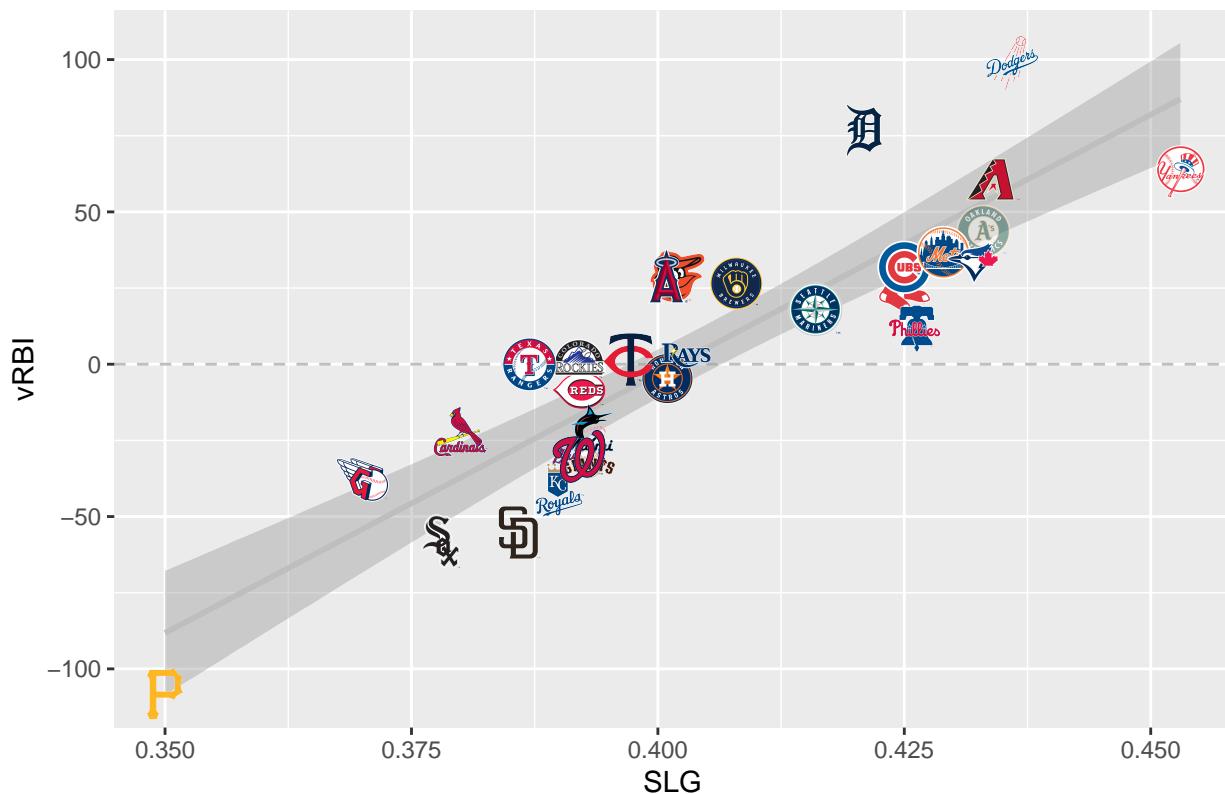
RBI Value Vs. Win%



OPS Vs. RBI Value



SLG Vs. RBI Value



BA Vs. RBI Value

