

2023 Atlanta Braves Offense

In the year 2023, the Atlanta Braves had one of the best team offensive seasons in MLB history. While having the National League MVP, they led the league in many statistics throughout the year and added an all-time record. The team won multiple awards based on their offensive performance.

ATL
74 - 41

A

21

FINAL

3

NYM

52 - 64



Six of the Braves 9 starters on offense were finalists for a Silver Slugger at their position.

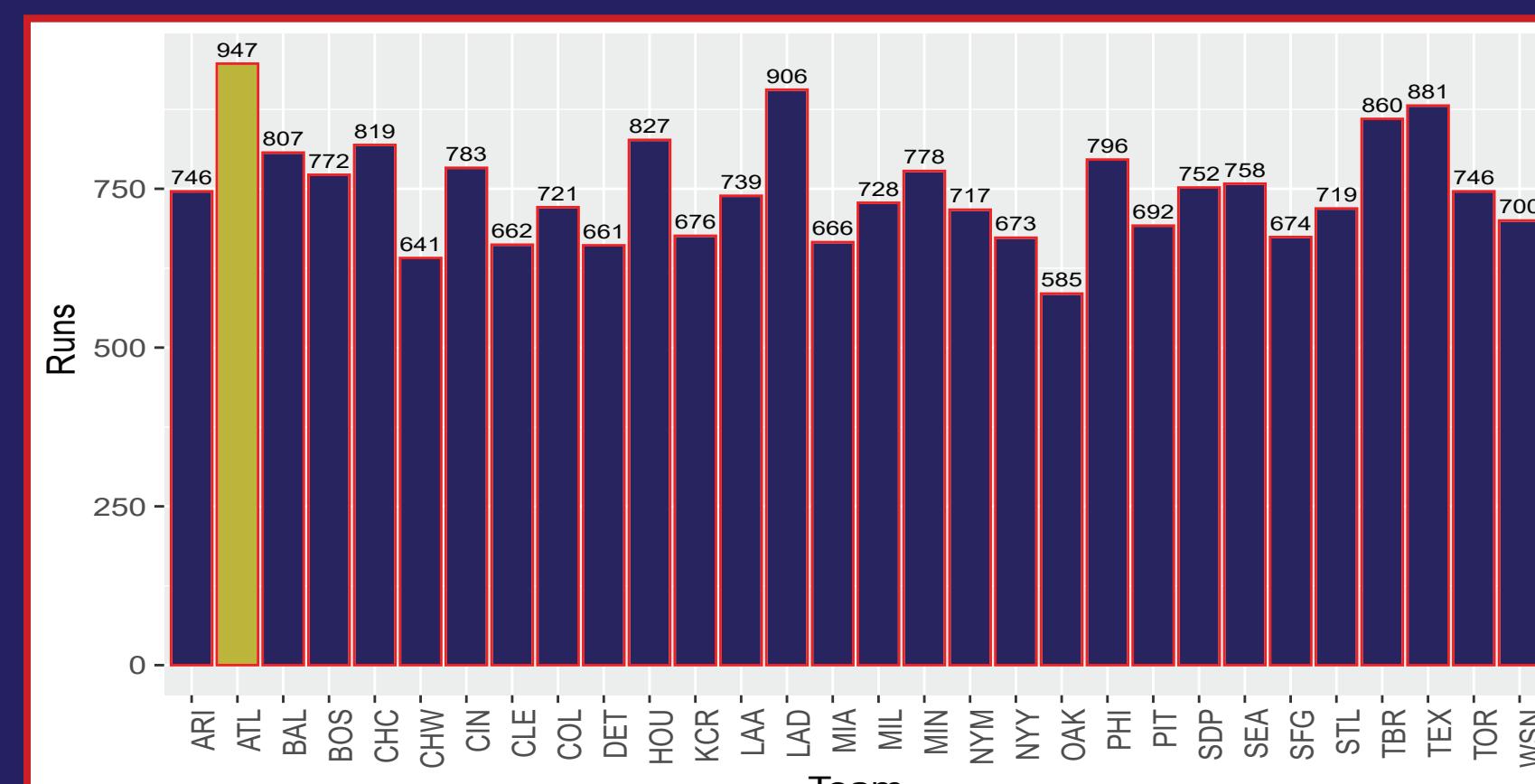
Motivation

Avid baseball fans, who have a passion for the statistical side and want to know what makes an offense so powerful, will be interested. The data illustrates a deeper dive into what the 2023 Braves performed well at rather than simply looking at their final record at the end of the season. This can be understood by any level of baseball knowledge including newcomers.

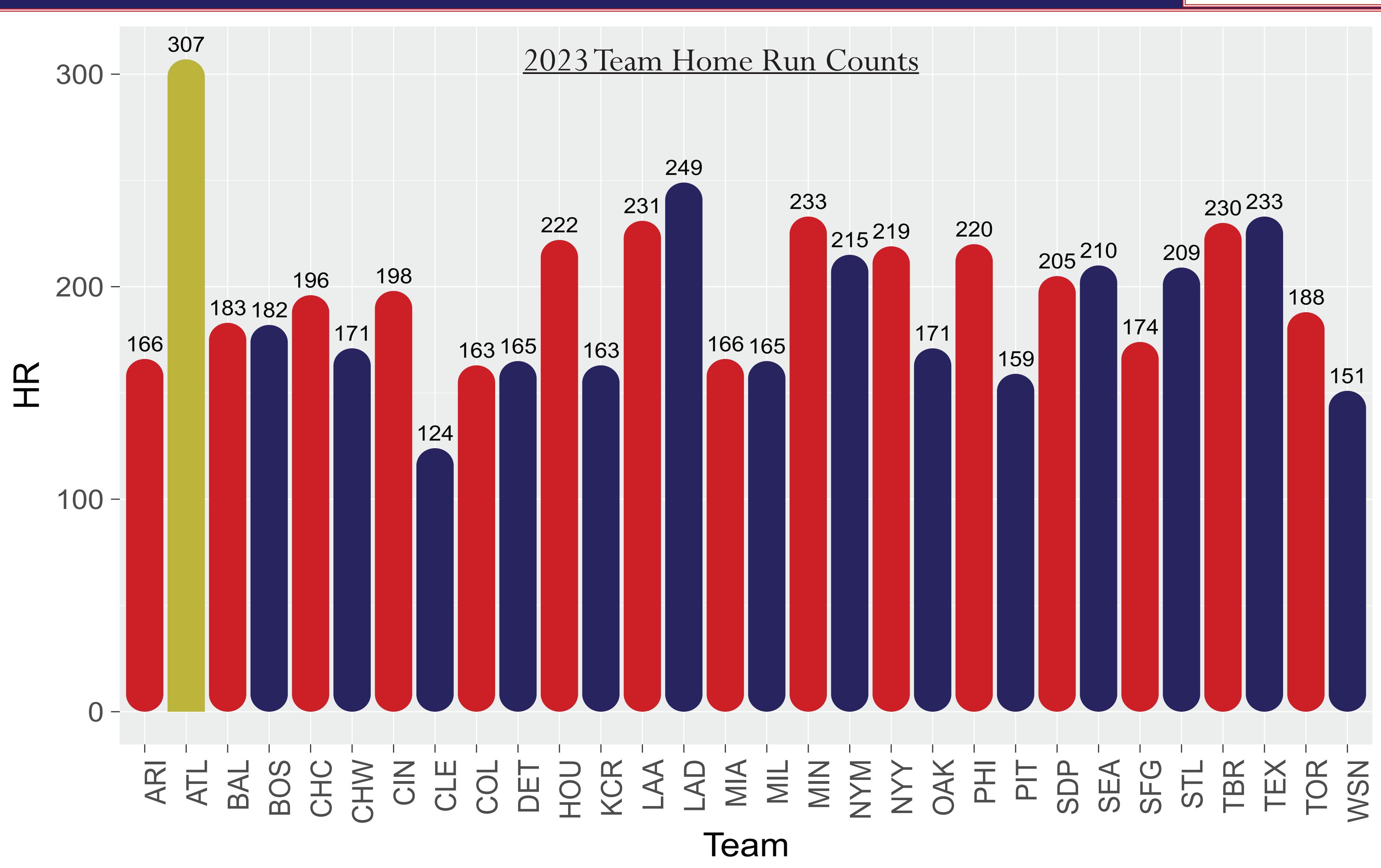
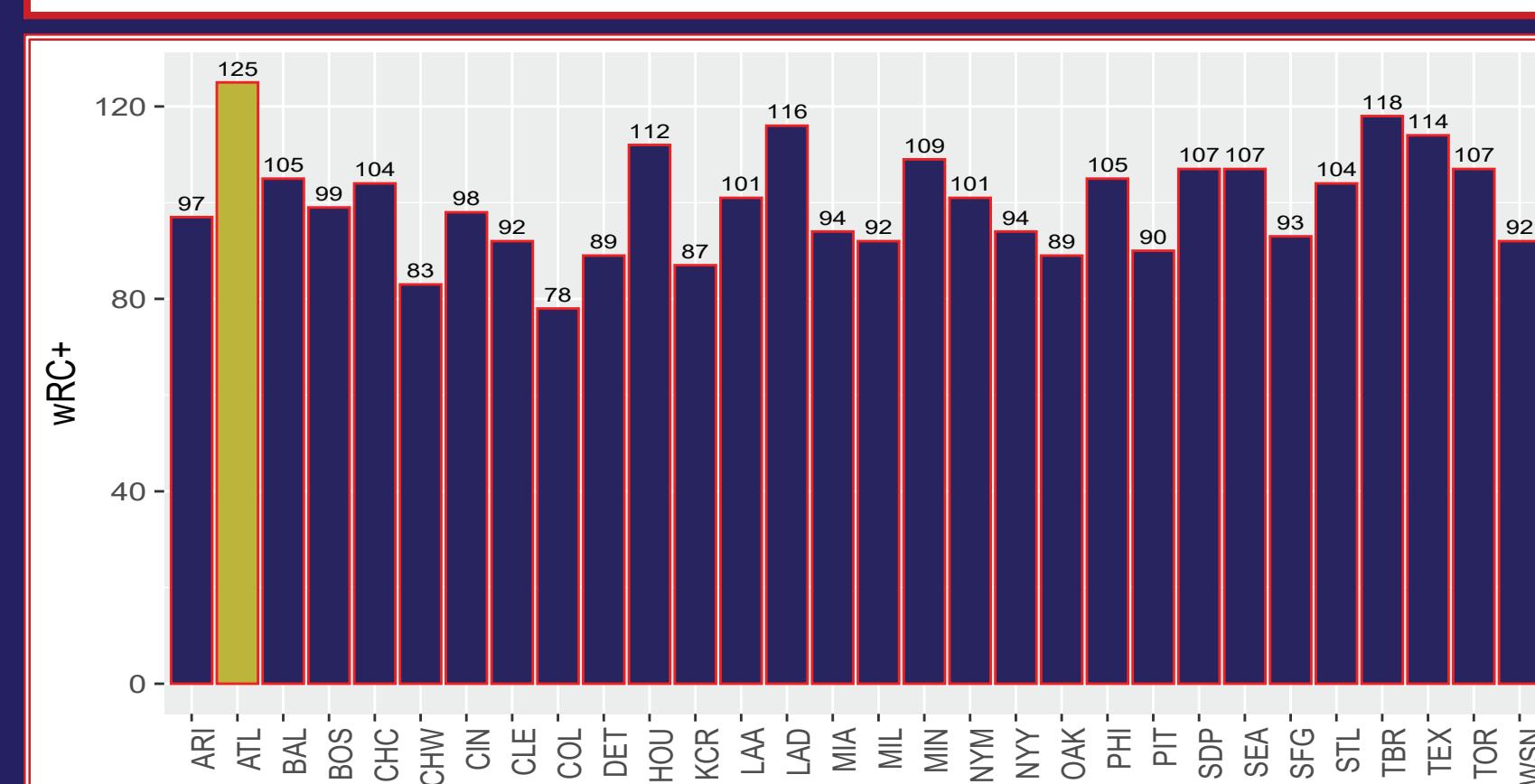
Data

Two sets of data were used. The first data set came from Fangraphs team offensive stats from each category and strictly the year 2023, representing the 30 rows. There are 83 different statistics included in the dataset relating to total team offense, representing the 83 columns. The second data set was compiled using the baseballr package. I scraped play-by-play data from the year 2023 accounting for each of Acuña's at-bats, which results in a dataset containing 2782 instances and 92 different columns measuring from each play.

This graph displays how many more runs the Braves scored than each team in the MLB.



This graph displays how many more weighted Runs Created the Braves had than each other team in the MLB.



Home Runs

1st
307 HR

Runs

1st
947 R

Batting AVG

1st
.276 BA

wRC+

1st
125

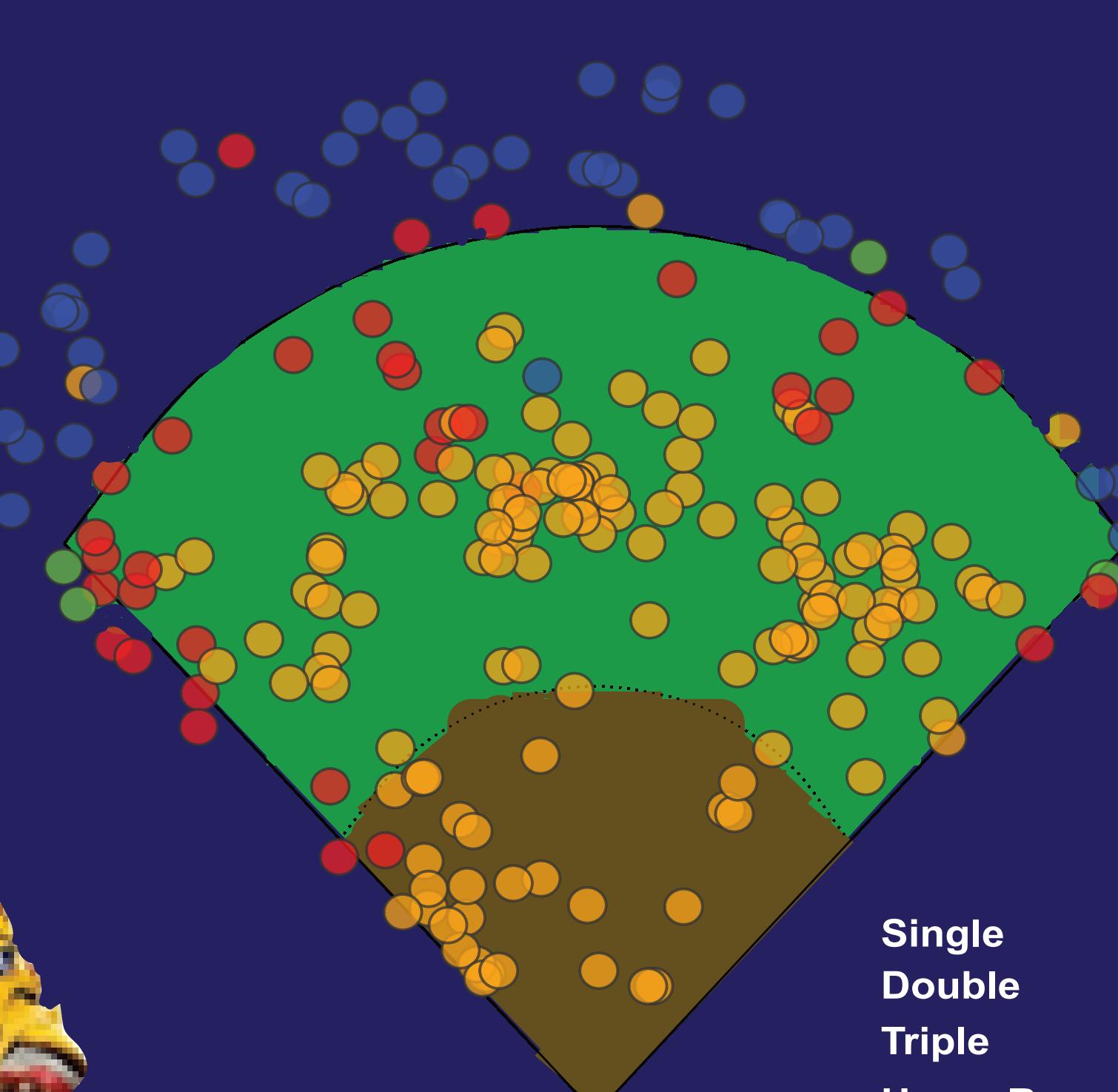
On-Base Pct

1st
.344 OBP

Slugging Pct

1st
.501 SLG

What individual player stood out on the Braves offense?

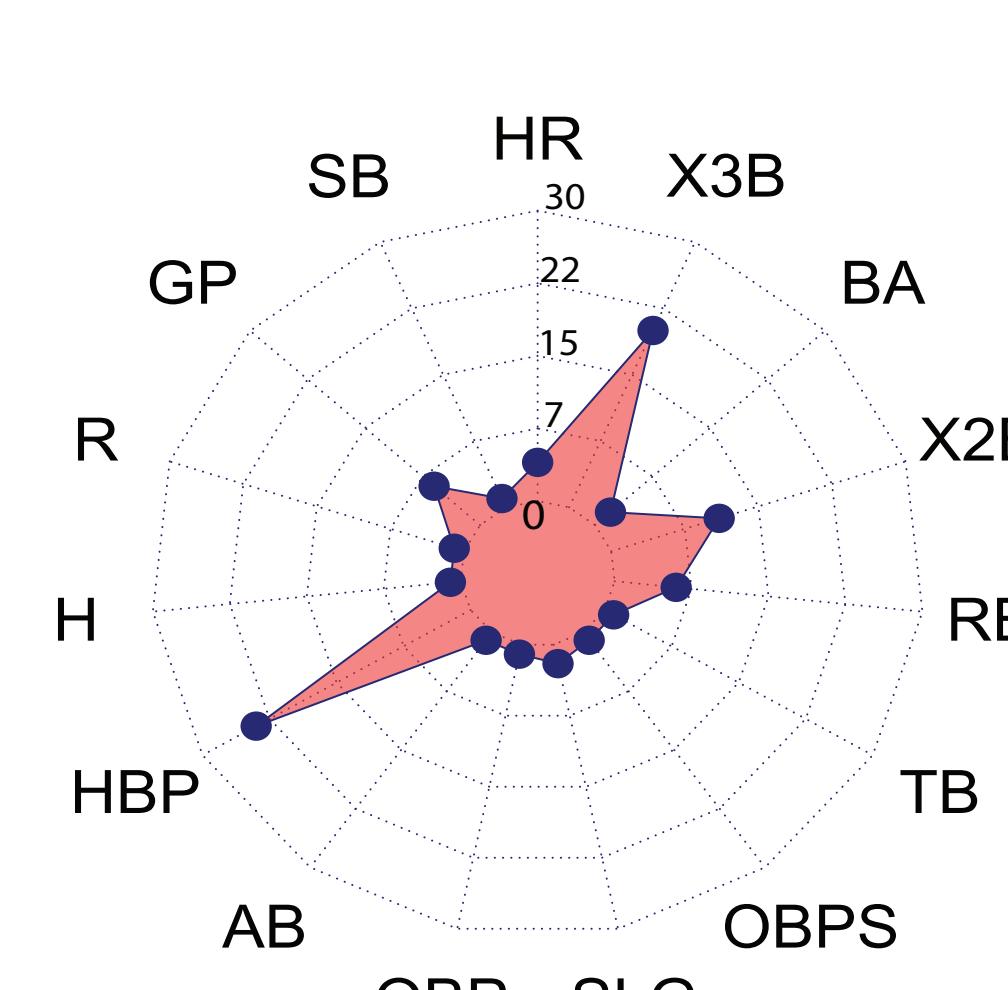


Ronald Acuña Jr.
Center Fielder - ATL

Acuña won the N.L. MVP as he led the Braves and league in multiple batting categories seen below.

He was the first player to ever record 40 home runs and 70 stolen bases in a season. Every hit of his from the 2023 season can be seen to the left.

Ronald Acuña 2023 Season Ranks



Sources

<https://fathead.com/products/m1900-03601-001>

<https://www.mlb.com/gameday/braves-vs-mets/2023/08/12/718371/final/box>

<https://www.instagram.com/p/CzcdAA-prB4/>

Packages

baseballr, fmsb, tidyverse, ggplot2,
dplyr, readxl

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