

Was 2023 an outstanding year for the Twins?

According to all three of our models, 2023 was not an outlier year whatsoever. The *Win Percentage* fell well within the prediction intervals for all three models. However, this does not mean that 2023 was an ordinary year by any means.

The 2023 season saw the Twins set organization records in the following categories: Strikeouts, Fielding Percentage (FLD), Strikeouts Pitched (SOPitched), WHIP (Lowest in 50 years), and Errors. We found this by sorting the dataset by each predictor variable and observing if 2023 was on top of the resulting list. We did this for all years from 1901 to 2023; Therefore, with this in mind, we can conclude that the Twins defense and pitching has been the strongest it has ever been in organization history. It is plausible to say that the Twins' defense was a cause of their recent success. It is worth noting that sports, even ones with as many recorded statistics as baseball, are notoriously difficult to predict.

References

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2. "DiamondDebates: MLB Strike | Baseball Hall of Fame." <https://baseballhall.org/discover-more/stories/whole-new-ballgame/mlb-strike>. Accessed 4 Dec. 2023.
3. "How Baseball Has Changed since 1908." MLB.Com, <https://www.mlb.com/news/baseball-has-changed-drastically-since-1908-c206845956>. Accessed 13 Nov. 2023.
4. "Minnesota Twins Team Yearly Batting Stats." Baseball-Reference.Com, <https://www.baseball-reference.com/teams/MIN/batteam.shtml>. Accessed 13 Nov. 2023.
5. "Minnesota Twins Team Yearly Pitching Stats." Baseball-Reference.Com, <https://www.baseball-reference.com/teams/MIN/pitchteam.shtml>. Accessed 13 Nov. 2023.
6. "'This Is My Dream': How Royce Lewis Embodies the Upstart Twins." ESPN.com, 10 Oct. 2023.

Appendix

Fig. 1: Variable Table

Variable Name	Explanation
ARAPG	Average runs allowed per game
SV	Saves - see Data and Variables section
HRAllowed	Home runs allowed
HR9	Home runs allowed on average per 9 innings
ARPG	Average runs per game
BB	Balls
BBAllowed	Balls allowed
SLG	Slugging - see Data and Variables section