

1135-B1-2402      **Robert Franzosa\*** ([franzosa@maine.edu](mailto:franzosa@maine.edu)), 220 Neville Hall, University of Maine, Orono, ME  
04401. *What is a walk a week worth?*

The Baseball Simulator is a baseball simulation program developed by the author that replays Major League Baseball (MLB) games and seasons using team (not individual player) statistics. We introduce the program, demonstrating its accuracy recreating past MLB seasons. Then we show how—by modifying statistics for teams—we can answer questions like the following: How much better would a team perform if they had one more walk each week during the season? How much better would a team perform if they had one more home run per game? Furthermore, we present results from investigating some of these questions. (Received September 26, 2017)