Title: "Exploring Swing and Miss Data in Baseball"

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Abstract

In the PitchFX system, detailed measurements are collected on each pitch in baseball, including the speed, pitch type, location, and outcome. We focus on the pitches where the batter swings. We wish to understand the variables that influence the tendency of the batter to miss the pitch. Possible variables are the pitch type, the pitch’s location, and the specific batter and pitcher.