

Cricket

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Bat and ball game

Two teams of 11 players take turn to bat and bowl.

Objective is to score as much runs as possible .

Team with most runs wins the game.

Things To know

Innings : Two inning in a game. In 1st innings, one team bat and the other bowls and vice-versa in the second innings.

Ball: One throw of the ball by the balling. Similar to pitch in baseball.

Over: Six balls make an over.

Depending upon the format of game, there are certain number of over available for the teams to bat.

Things To know

Depending upon the format of game, there are certain number of over available for the teams to bat.

The paper uses data from ODIs(One-Day Internationals) that have 50 over each in an innings.

The data I have used data from T20s(Twenty-twenty) that have 20 over each in an innings.

In these limited overs, the batting teams try to score as runs as possible and the bowling team try to get them out.

Things to know

The other thing a batting team is limited by is called wickets.

Similar to outs in baseball.

There have to be two batsman at the pitch at any given time. So, a team will have 10 wickets each.

If a batting team loses all 10 wicket before the available overs have been bowled, the innings is over.

In the paper by Asif and McHale

They use a dynamic logistic regression to calculate the in-game win probability of a game.

They used data from 606 ODI matches.

Covariates
