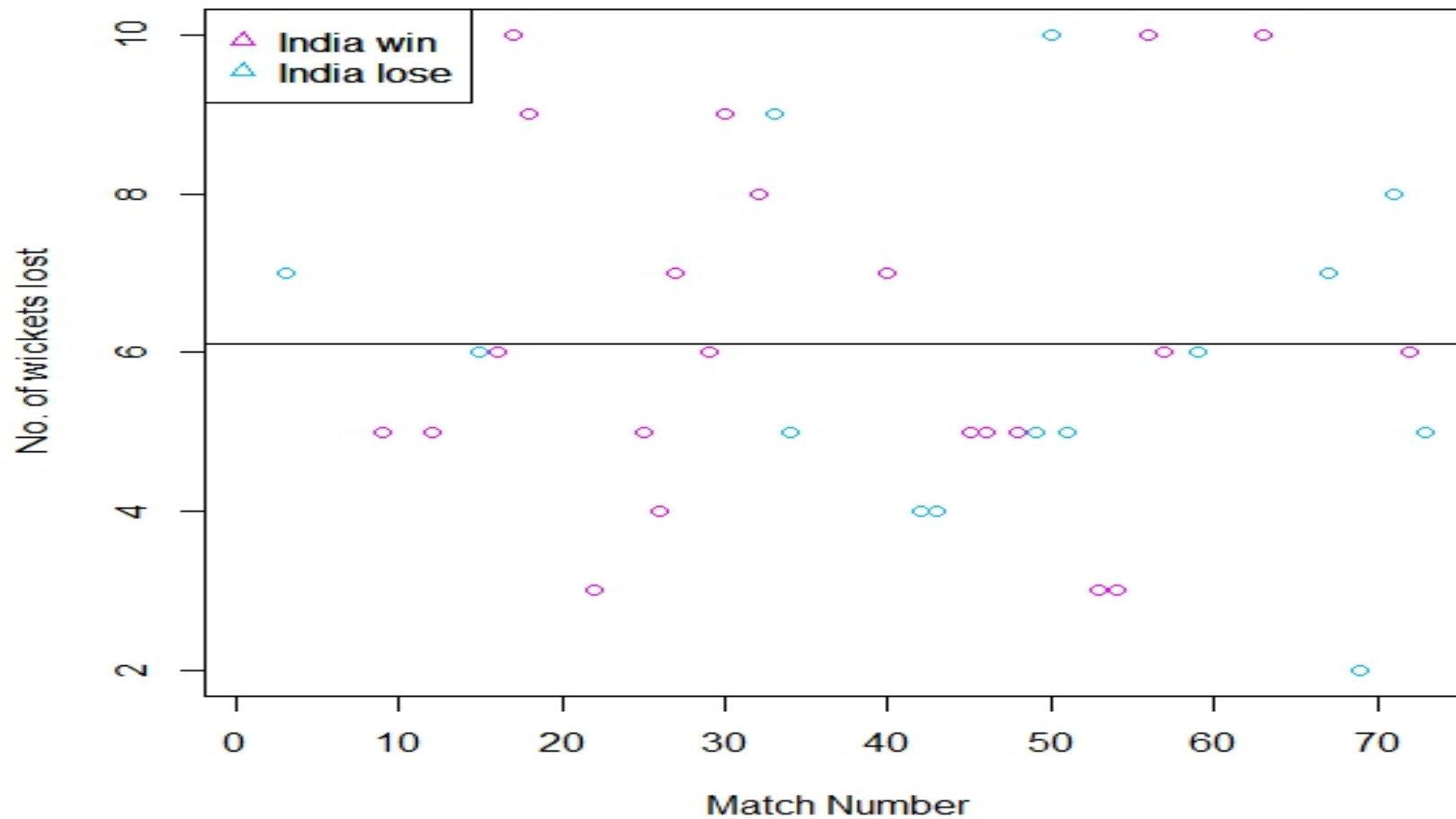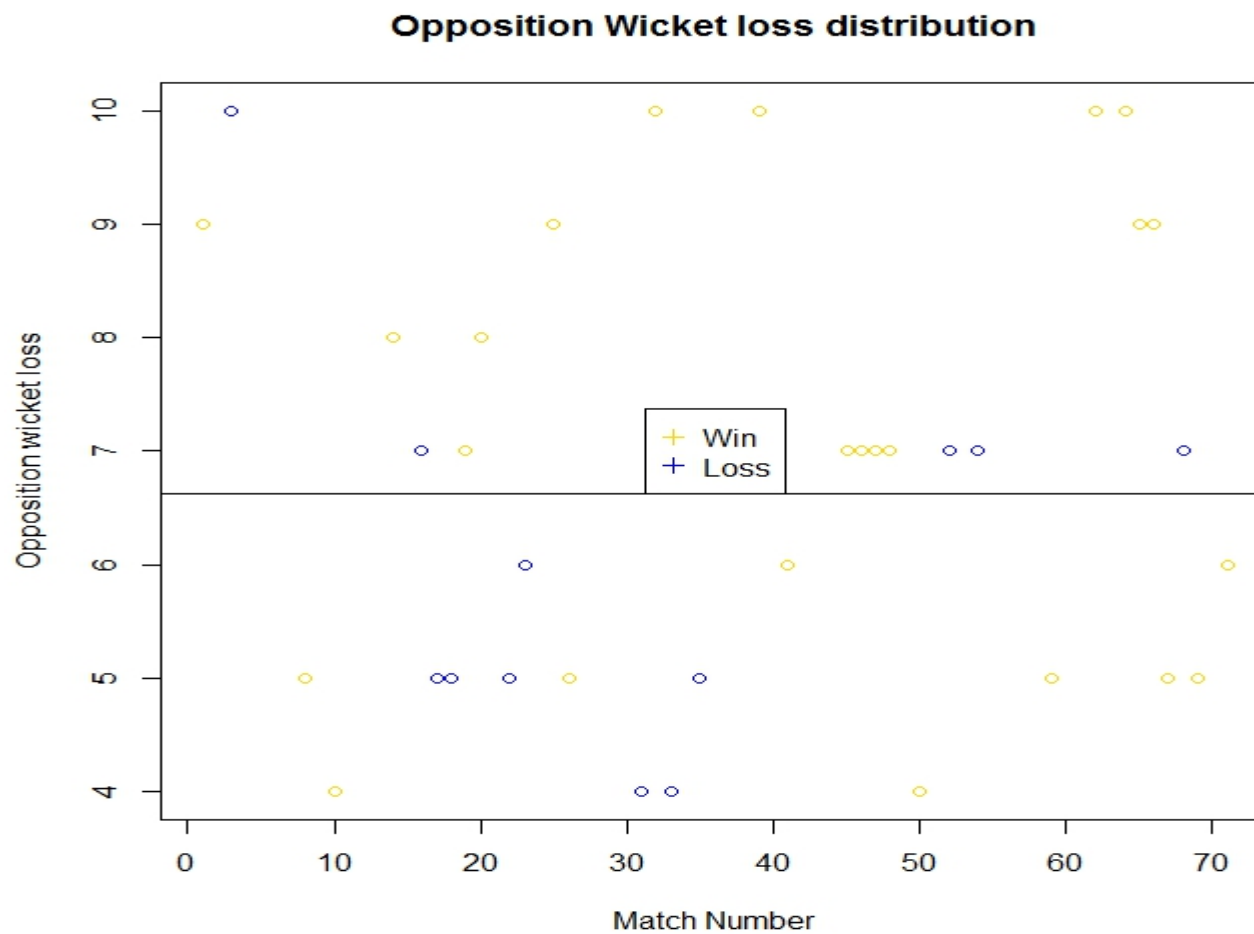# T20 insights

The following scatter-plots indicate some factors that increase the probability of a victory in a T20 match for India. These results are based on the T20 data collected from Cricinfo.This data includes the batting ,bowling , fielding and team results of all India's T20 matches.
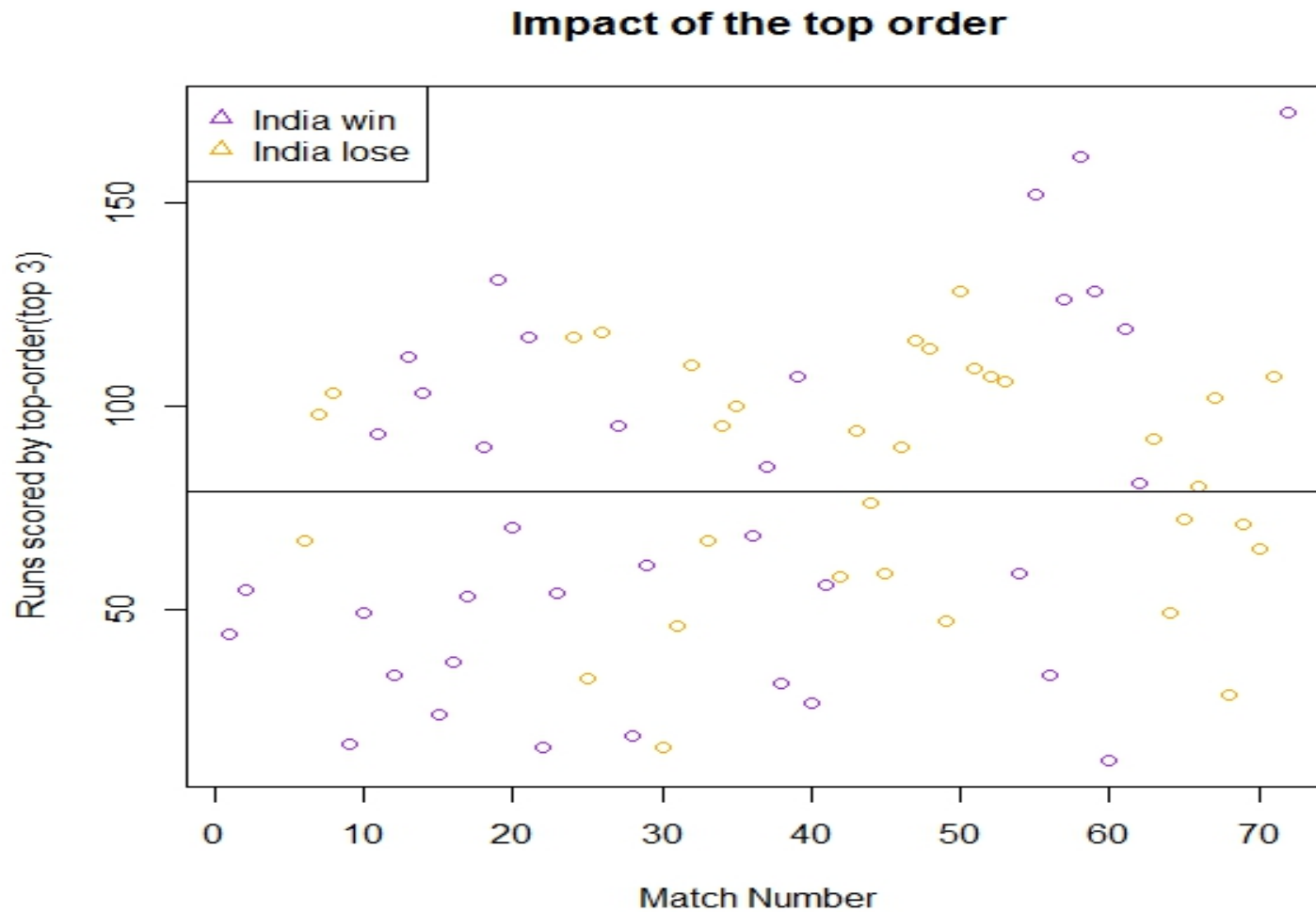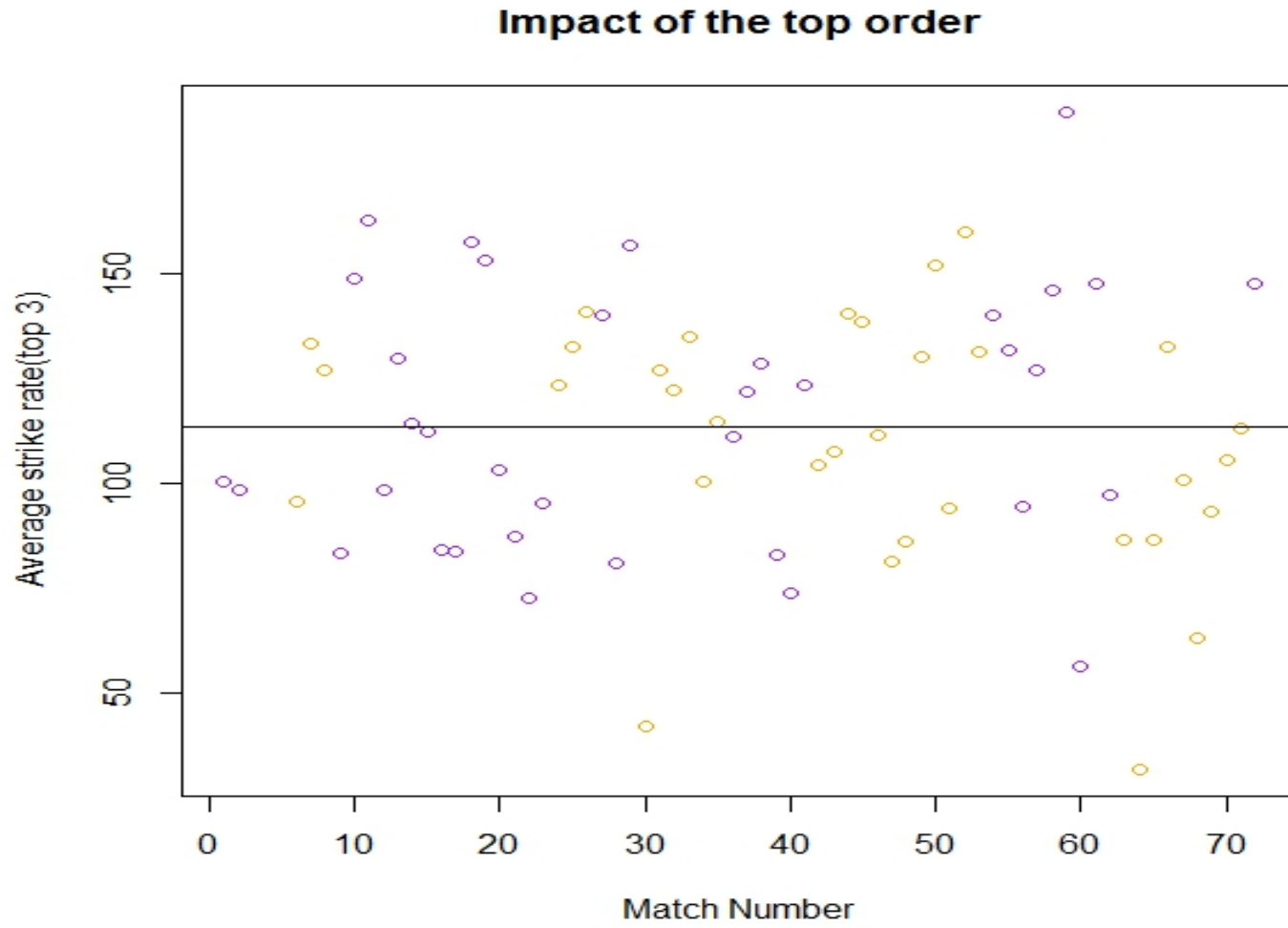
India bats first

India bats second

Opposition Wicket loss distribution
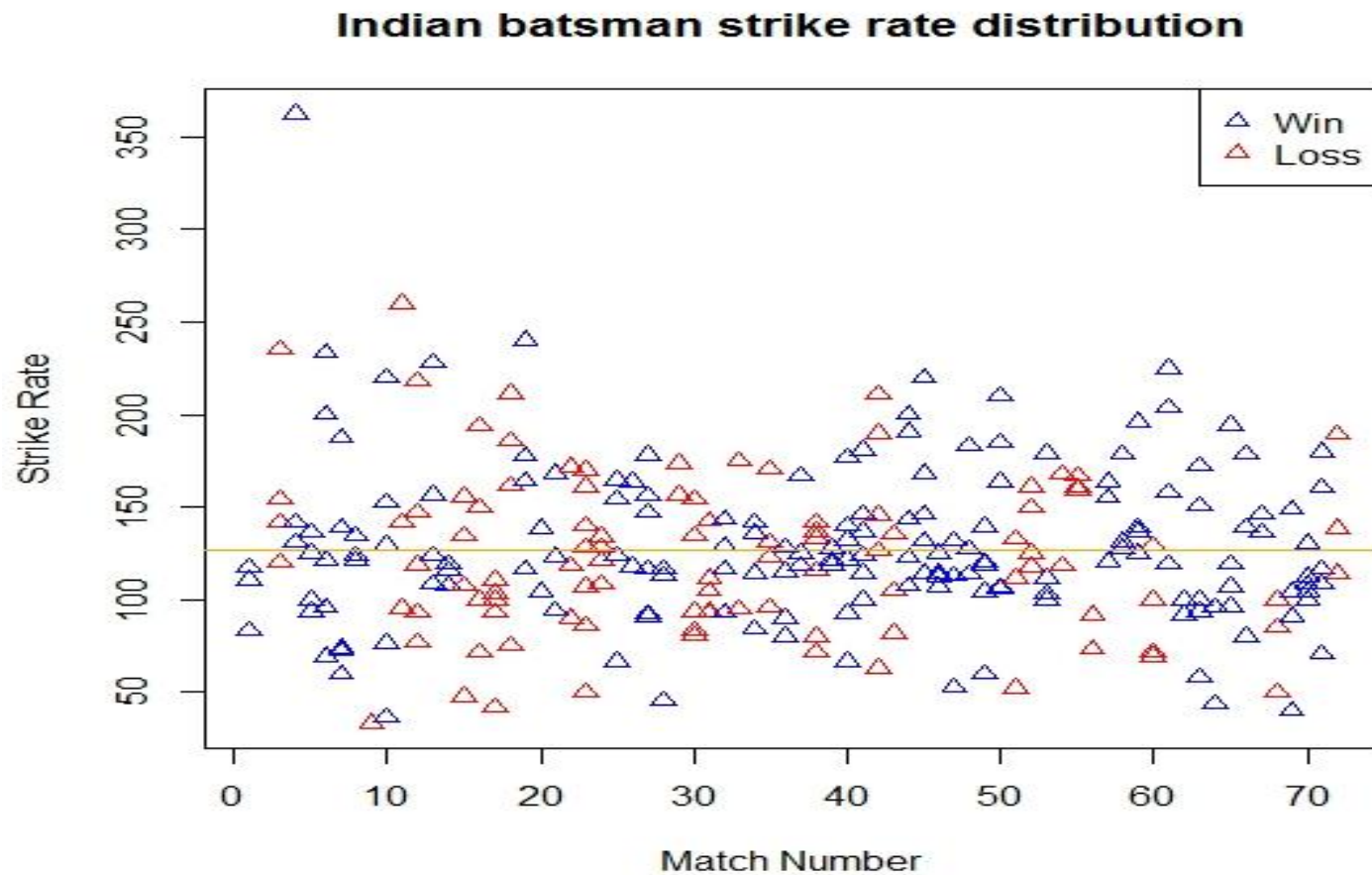
Top order impact

Steady starts

Impact of the top order

Team Strike Rate Distribution

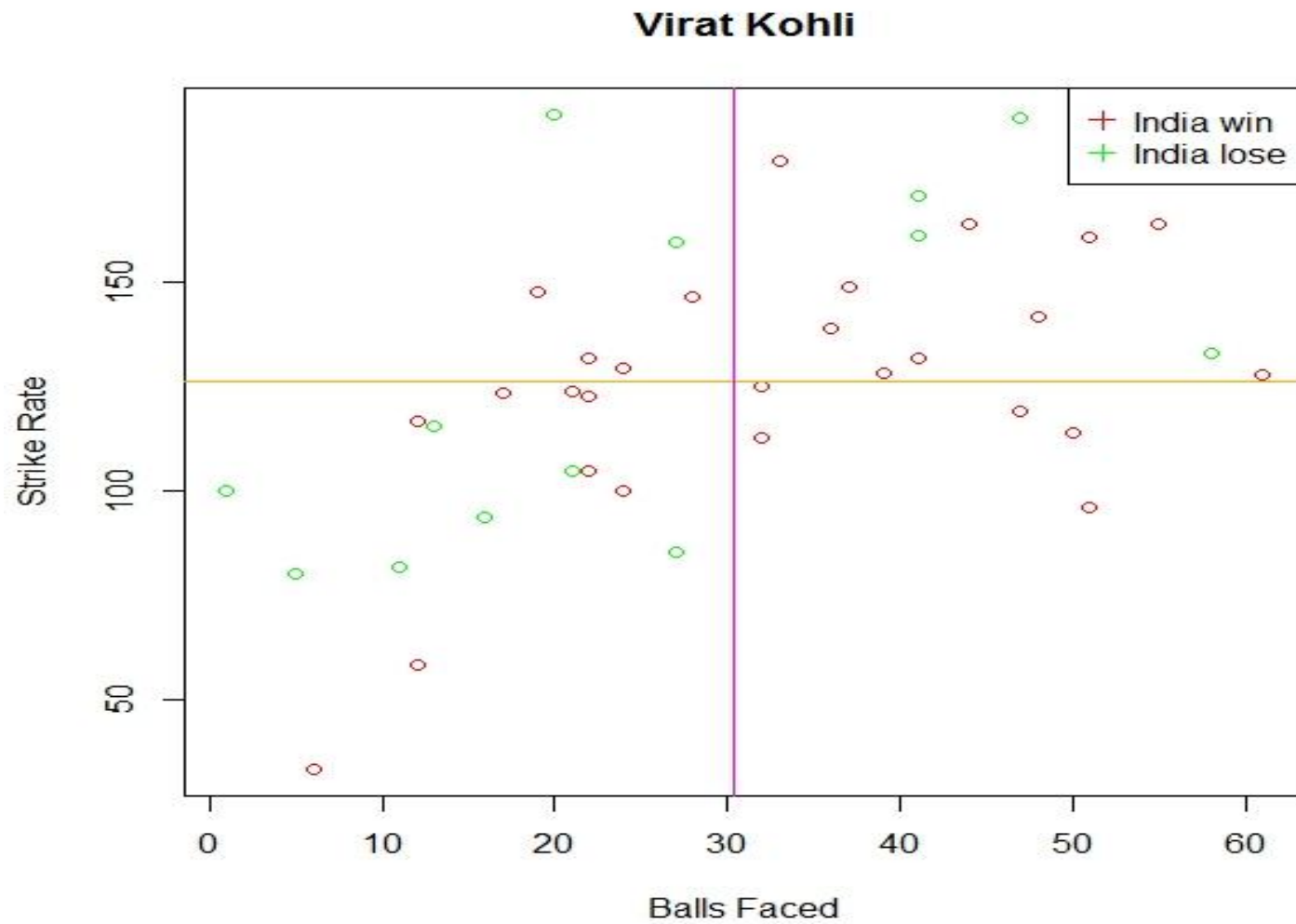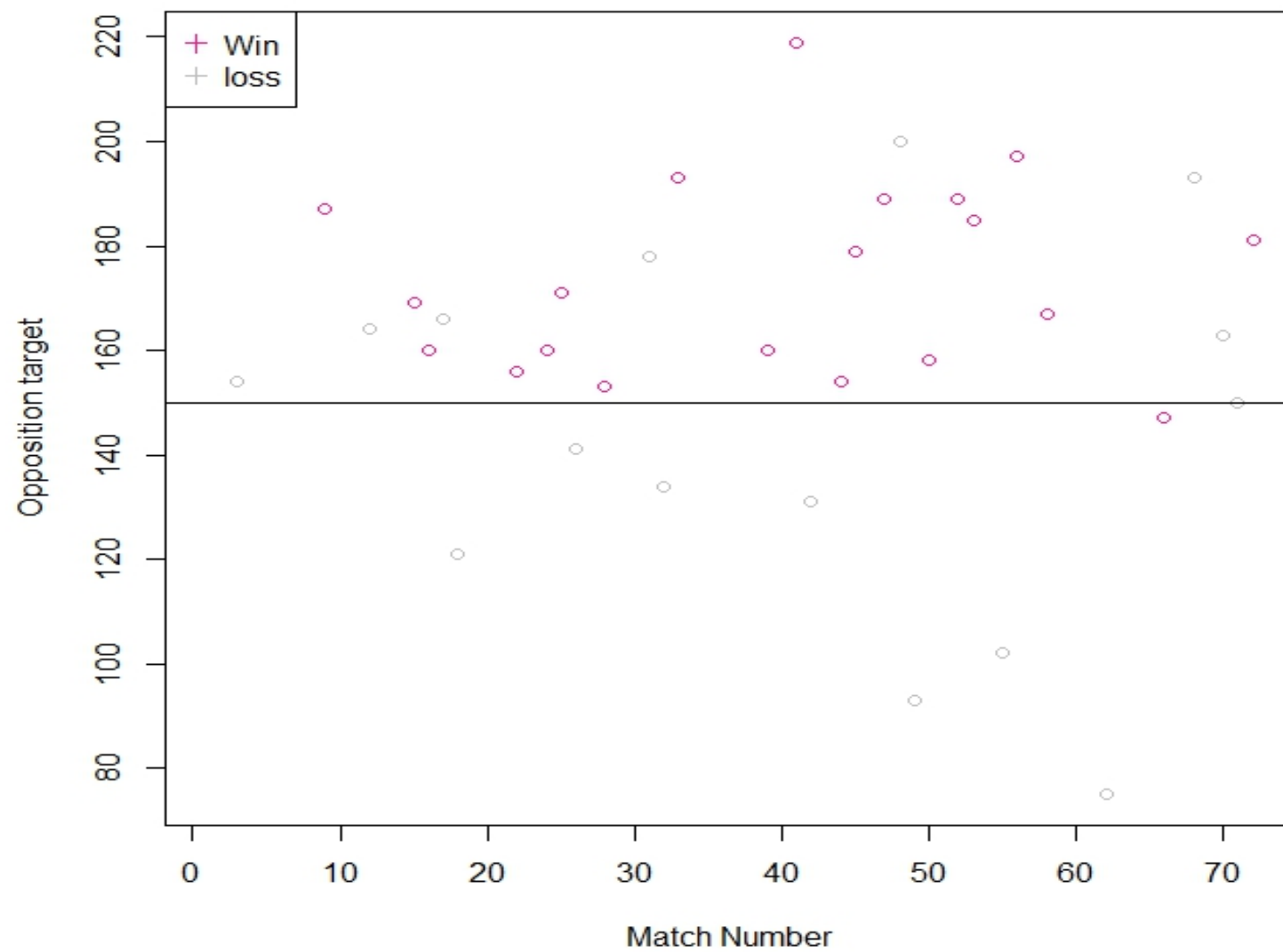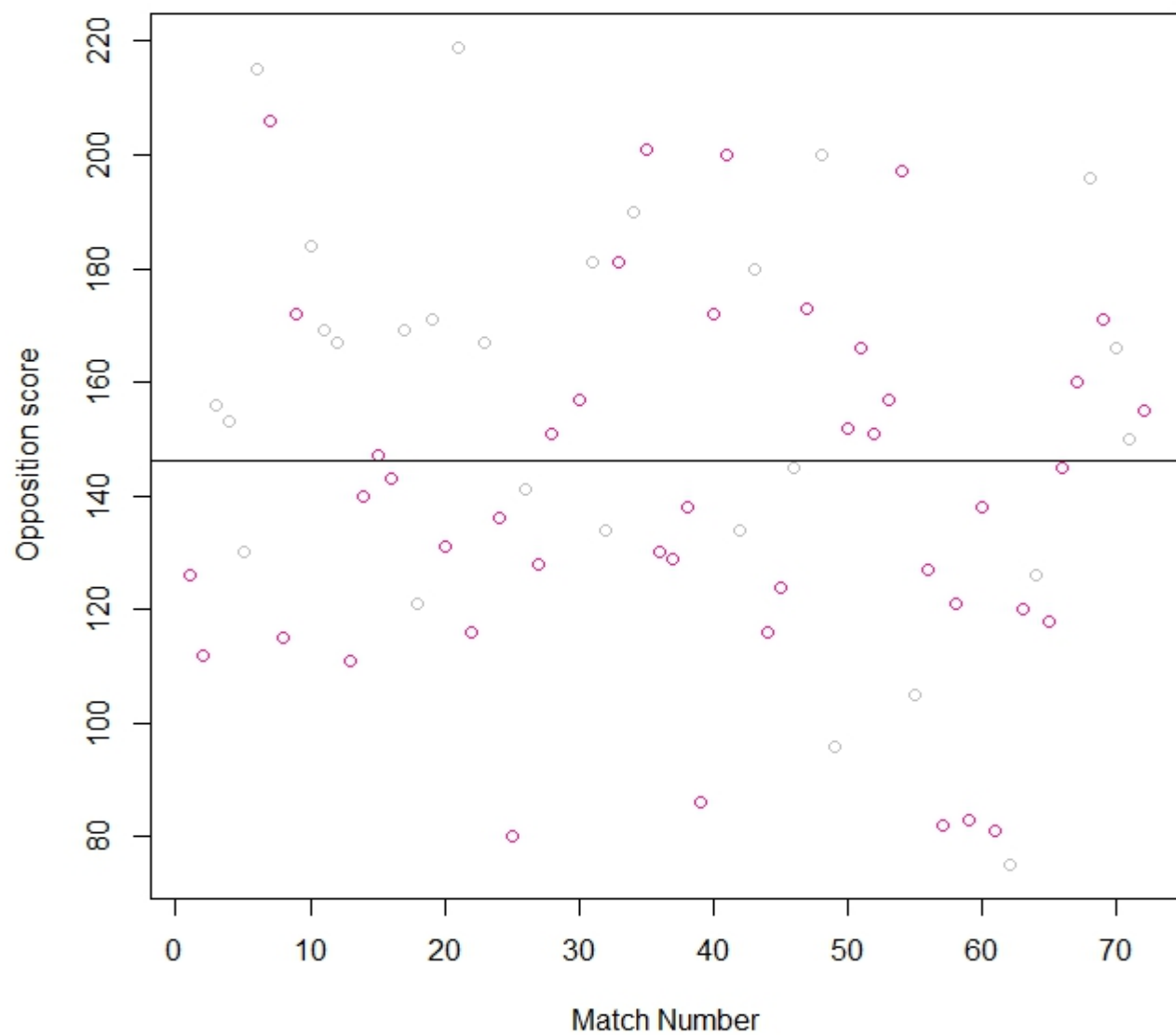Indian batsman strike rate distribution

Virat Kohli

Ability to defend targets

Ability to restrict opposition

Opposition run rate

Bowling strength
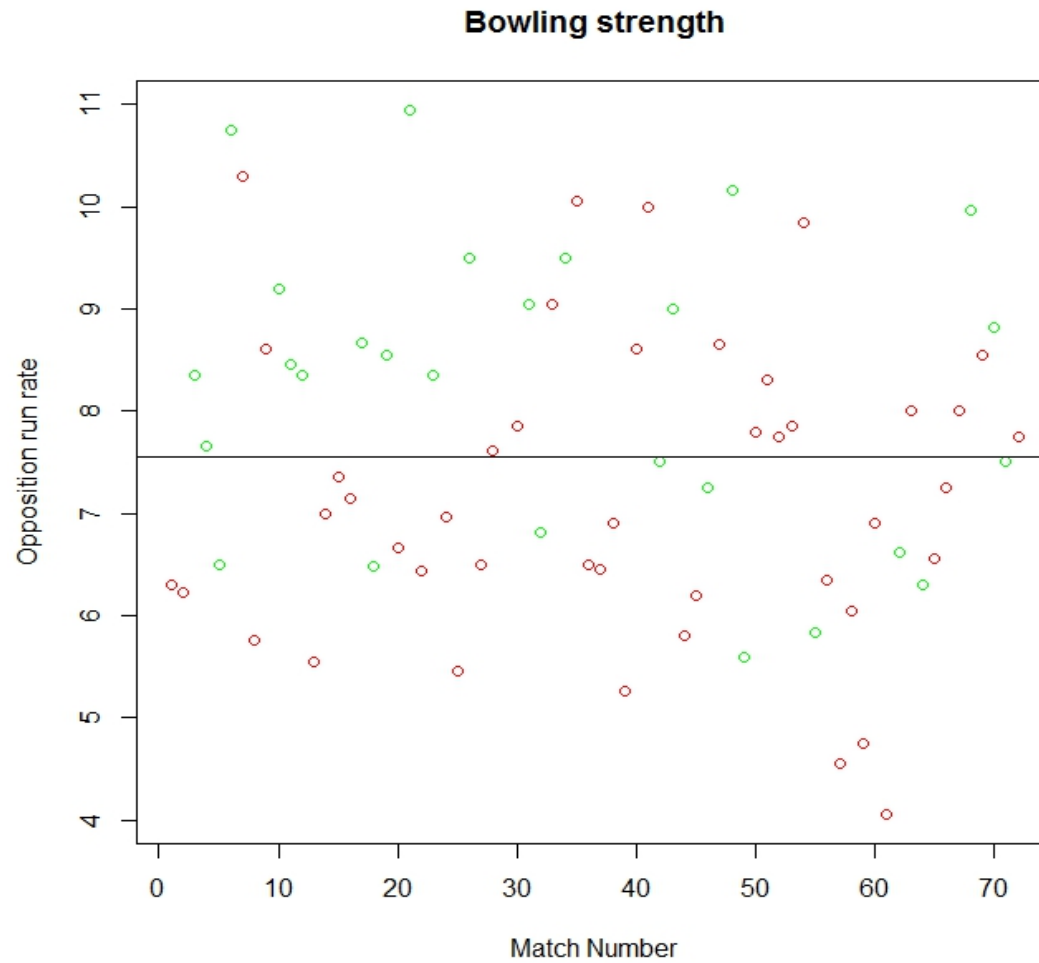
Catches win matches

Fielding

The Keeper

Fielding
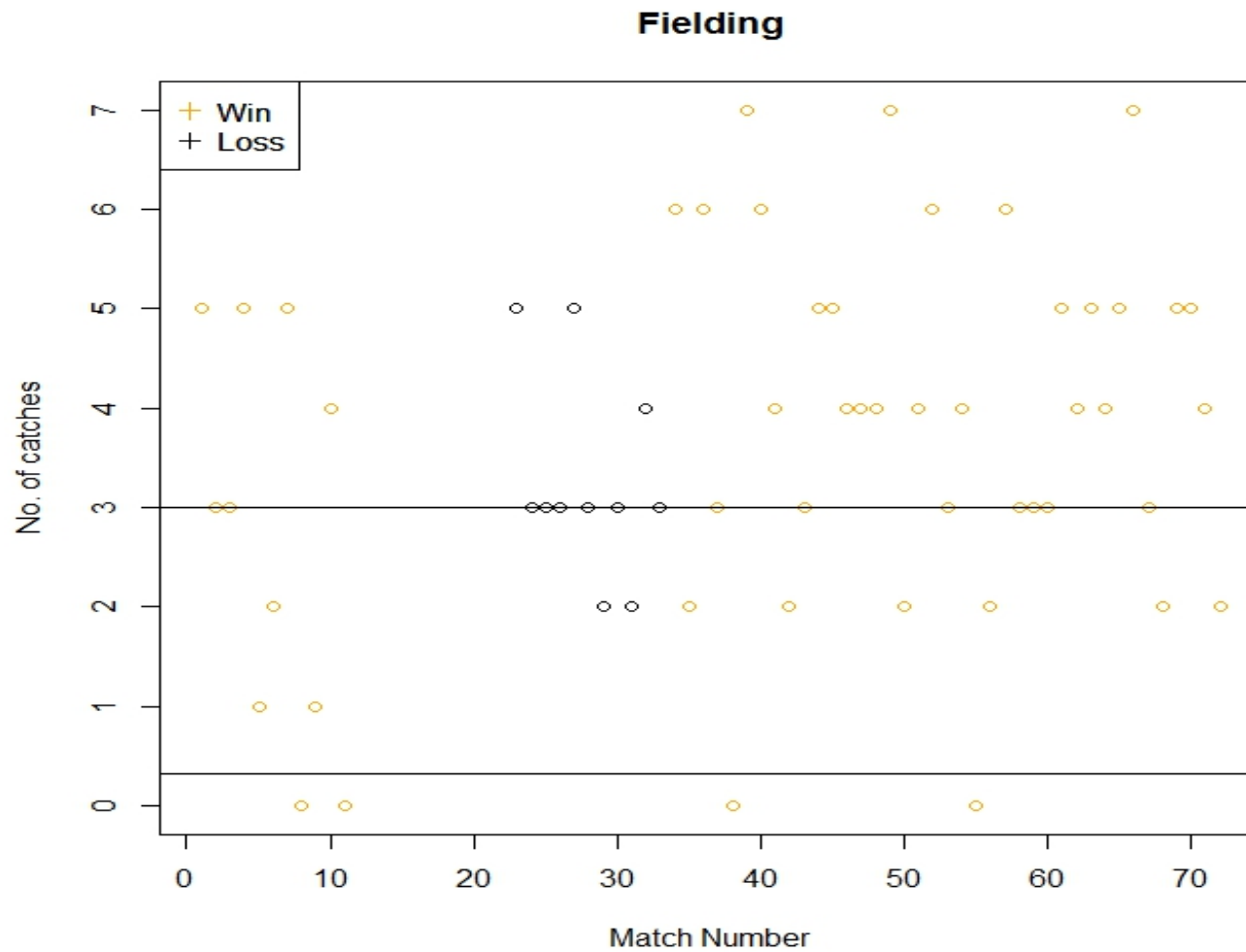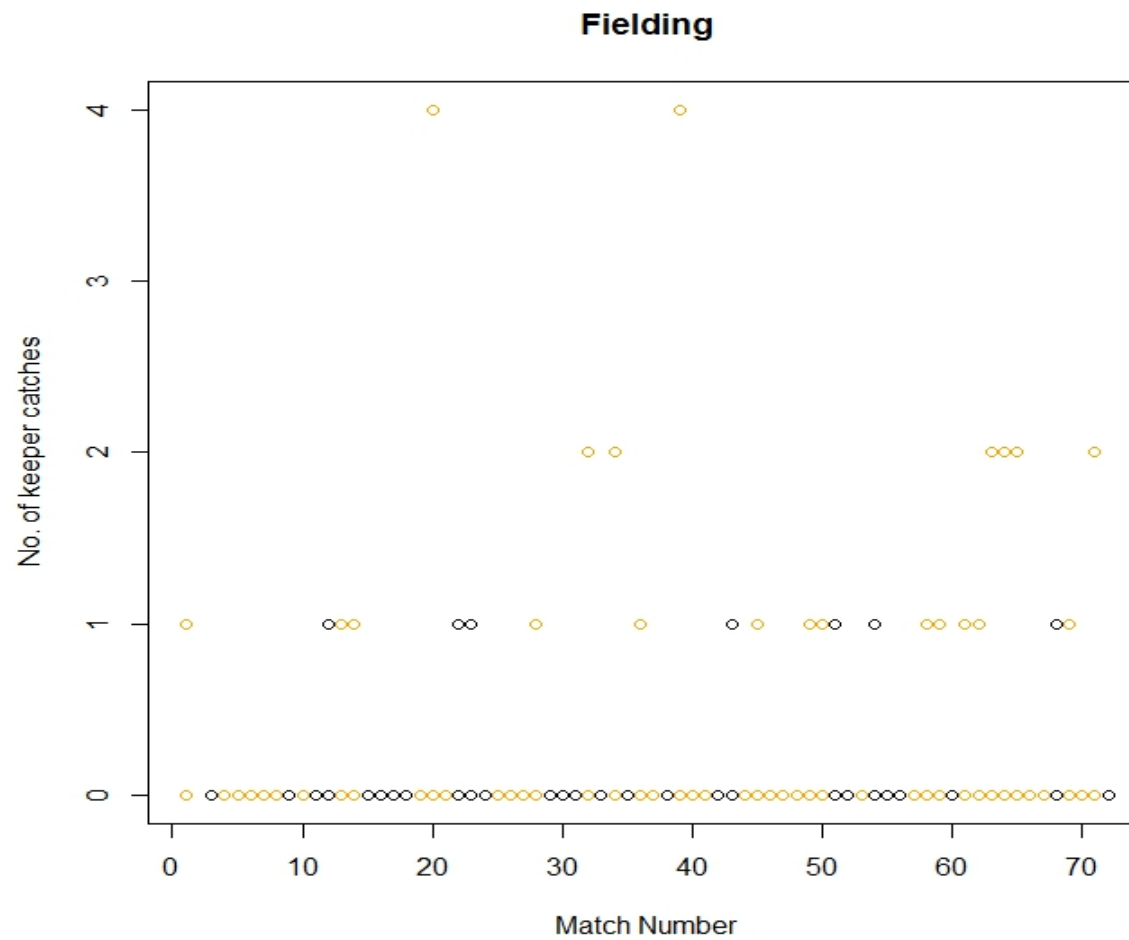
Correlation (Batting)

- Result and the number of wickets lost: -0.646

- Number of wickets the opposition lost: 0.616

- Score : 0.245

- Run rate : 0.368

- Number of dismissals: 0.198

- Runs scored by each batsman: 0.18

- No. of catches taken: 0.412

- Top order runs : 0.327

- Top order boundaries: 0.283

Correlation (Bowling)

- Result and the number of wickets taken by individuals : 0.22

- Economy rate of bowlers: -0.18

- Opposition run rate: -0.33

- No. of catches taken: 0.198

Correlation (Bowling first)

- Result and the number of wickets taken by individuals : 0.22

- Opposition wickets lost: 0.337

- Opposition run rate: -0.40

- Economy rate: -0.22

- Opposition overs faced: -0.28

- Runs conceded by each bowler: -0.19

Correlation (Bowling second)

- Result and the number of wickets taken by individuals : 0.35

- Opposition wickets lost: 0.84

- Opposition target: 0.50

- Economy rate: -0.13

- Opposition overs faced: 0.31

- Opposition run rate: -0.254

- Dismissals: 0.18

Correlation (Batting first)

- Result and runs scored by team : 0.51

- Individual runs scored: 0.15

- Individual strike rate: 0.24

- Dismissals: 0.298

- No. of 4's : 0.139

- Overs faced by team: 0.378

- Run rate: 0.51

Correlation (Batting second)

- Result and runs scored by opposition: -0.185

- Individual runs scored: 0.182

- Individual strike rate: 0.192

- Dismissals: 0.2022

- No. of 4's : 0.16

- Run rate: 0.368

- Balls faced: 0.163

Key Variables

- Wickets lost by the team and opposition.

- Score posted by the team batting first.

- Run rate of the team batting first

- No. of overs faced by the team batting first.

- Economy rate (Has a low correlation)

- Strike Rate (Also a low correlation)

- Top3 contribution

- Total catches taken