Package ‘yorkr’

May 8, 2023

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Date 2023-05-07
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Maintainer Tinniam V Ganesh <tvganesh.85@gmail.com>
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NeedsCompilation no
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**batsmanCumulativeAverageRuns**

*Batsman’s cumulative average runs*

**Description**

This function computes and plots the cumulative average runs of a batsman.

**Usage**

```r
batsmanCumulativeAverageRuns(df, name = "A Leg Glance", dateRange, staticIntv=1)
```

**Arguments**

- `df`: Data frame
- `name`: Name of batsman
- `dateRange`: Date interval to consider
- `staticIntv`: Static or interactive - `staticIntv =1` (static plot) & `staticIntv =2` (interactive plot)

**Value**

None
Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanCumulativeAverageRuns bowlerCumulativeAvgEconRate bowlerCumulativeAvgWickets
batsmanRunsVsStrikeRate batsmanRunsPredict

Examples

## Not run:
# Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanCumulativeAverageRuns(kohli,"Kohli",dateRange)
## End(Not run)

---

batsmanCumulativeStrikeRate

Batsman’s cumulative average strike rate

Description

This function computes and plots the cumulative average strike rate of a batsman

Usage

batsmanCumulativeStrikeRate(df,name="A Leg Glance",dateRange, staticIntv=1)

Arguments

df          Data frame
name        Name of batsman
dateRange   Date interval to consider
staticIntv  Static or interactive -staticIntv =1 (static plot) & staticIntv =2 (interactive plot)
batsmanDismissals

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanCumulativeAverageRuns bowlerCumulativeAvgEconRate bowlerCumulativeAvgWickets
batsmanRunsVsStrikeRate batsmanRunsPredict

Examples
## Not run:
#Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanCumulativeStrikeRate(kohli,"Kohli",dateRange)
## End(Not run)

batsmanDismissals         Dismissal type of batsmen

Description
This function computes and plots the type of dismissals of the batsmen

Usage
batsmanDismissals(df,name="A Leg Glance",dateRange)

Arguments
df   Data frame
name Name of batsman
dateRange Date interval to consider
### Description

This function computes and plots the total runs, fours and sixes of the batsman.

### Usage

`batsmanFoursSixes(df, name = "A Leg Glance", dateRange, staticIntv)`
Arguments

df               Data frame
name             Name of batsman
dateRange        Date interval to consider
staticIntv       Static or interactive -staticIntv =1 (static plot) & staticIntv =2 (interactive plot)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals batsmanRunsVsDeliveries batsmanRunsVsStrikeRate batsmanRunsVsStrikeRate batsmanRunsPredict

Examples

```r
## Not run:
#Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
kohli46 <- select(kohli,batsman,ballsPlayed,fours,sixes,runs)
batsmanFoursSixes(kohli46,"Kohli",dateRange)
## End(Not run)
```
Description

This function plots the runs scored by the batsman over the career as a time series. A loess regression line is plotted on the moving average of the batsman.

Usage

batsmanMovingAverage(df, name = "A Leg Glance", dateRange, staticIntv=1)

Arguments

df
   Data frame

name
   Name of batsman

dateRange
   Date interval to consider

staticIntv
   Static or interactive - staticIntv = 1 (static plot) & staticIntv = 2 (interactive plot)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
batsmanRunsPredict
teamBatsmenPartnershipAllOppnAllMatches
## Not run:
```
# Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanMovingAverage(kohli,"Kohli",dateRange)
```
## End(Not run)

---

**batsmanRunsAgainstOpposition**

*Batsman runs against different oppositions*

### Description

This function computes and plots the mean runs scored by the batsman against different oppositions.

### Usage

```
batsmanRunsAgainstOpposition(df, name = "A Leg Glance", dateRange, staticIntv=1)
```

### Arguments

- **df**: Data frame
- **name**: Name of batsman
- **dateRange**: Date interval to consider
- **staticIntv**: Static or interactive - staticIntv = 1 (static plot) & staticIntv = 2 (interactive plot)

### Value

None

### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

### Author(s)

Tinniam V Ganesh

### References

[https://cricsheet.org/](https://cricsheet.org/)
[https://gigadom.in/](https://gigadom.in/)
[https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
batsmanRunsPredict

See Also

batsmanFoursSixes
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
batsmanRunsPredict
teamBatsmenPartnershipAllOppnAllMatches

Examples

## Not run:
# Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanRunsAgainstOpposition(kohli,"Kohli",dateRange)

## End(Not run)

batsmanRunsPredict  Predict deliveries to runs scored

Description

This function uses a classification tree to predict the number of deliveries required for the batsman to score the runs. It uses the package rpart to perform the classification.

Usage

batsmanRunsPredict(df, name = "A Leg Glance", dateRange)

Arguments

df  Data frame
name  Name of batsman
dateRange  Date interval to consider

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
batsmanRunsVenue

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
batsmanRunsPredict
teamBatsmenPartnershipAllOppnAllMatches

Examples

## Not run:
# Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanRunsVsStrikeRate(kohli,"Kohli",dateRange)
## End(Not run)

batsmanRunsVenue  Batsman runs at different venues

Description

This function computes and plots the mean runs scored by the batsman at different venues of the world.

Usage

batsmanRunsVenue(df, name = "A Leg Glance", dateRange, staticIntv=1)

Arguments

df  Data frame
name  Name of batsman
dateRange  Date interval to consider
staticIntv  Static or interactive - staticIntv =1 (static plot) & staticIntv =2 (interactive plot)

Value

None
Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanFoursSixes
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
batsmanRunsPredict
teamBatsmenPartnershipAllOppnAllMatches
batsmanRunsAgainstOpposition

Examples
## Not run:
#Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanRunsVenue(kohli,"Kohli",dateRange)

## End(Not run)

batsmanRunsVsDeliveries

Runs versus deliveries faced

Description
This function plots the runs scored and the deliveries required. A regression smoothing function is used to fit the points

Usage
batsmanRunsVsDeliveries(df, name = "A Late Cut", dateRange, staticIntv=1)
Arguments

<table>
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<th>Argument</th>
<th>Description</th>
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<tr>
<td>df</td>
<td>Data frame</td>
</tr>
<tr>
<td>name</td>
<td>Name of batsman</td>
</tr>
<tr>
<td>dateRange</td>
<td>Date interval to consider</td>
</tr>
<tr>
<td>staticIntv</td>
<td>Static or interactive - staticIntv = 1 (static plot) &amp; staticIntv = 2 (interactive plot)</td>
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Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanFoursSixes
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate

Examples

```r
## Not run:
# Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India", name="Kohli", dir=pathToFile)
batsmanRunsVsDeliveries(kohli,"Kohli")

## End(Not run)
```
batsmanRunsVsStrikeRate

Batsman runs versus strike rate

Description
This function plots the runs scored by the batsman and the runs scored by the batsman. A loess line is fitted over the points.

Usage
batsmanRunsVsStrikeRate(df, name = "A Late Cut", dateRange, staticIntv=1)

Arguments
- df: Data frame
- name: Name of batsman
- dateRange: Date interval to consider
- staticIntv: Static or interactive - staticIntv = 1 (static plot) & staticIntv = 2 (interactive plot)

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
- batsmanDismissals
- batsmanRunsVsDeliveries
- batsmanRunsVsStrikeRate
- batsmanRunsPredict
- teamBatsmenPartnershipAllOppnAllMatches
batsmanVsBowlerPerf

## Not run:
# Get the data frame for Kohli
kohli <- getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)
batsmanRunsVsStrikeRate(kohli,"Kohli",dateRange)

## End(Not run)

batsmanVsBowlerPerf Performance of batsman vs bowler

### Description
This function computes the performance of batsman vs bowler

### Usage

```r
batsmanVsBowlerPerf(t20MDF,batsman1,bowler1)
```

### Arguments

- `t20MDF`: Dataframe
- `batsman1`: The batsman
- `bowler1`: The bowler

### Value

None

### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

### Author(s)

Tinniam V Ganesh

### References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
batsmanWinProbDL

See Also

batsmanFoursSixes
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate

Examples

## Not run:

batsmanVsBowlerPerf(t20MDF,batsman1,bowler1)

## End(Not run)

### batsmanWinProbDL

Plot the batsman win probability contribution using Deep Learning model

Description

This function plots the win probability of batsman in a T20 match

Usage

batsmanWinProbDL(match,t1,t2,plot=1)

Arguments

match The dataframe of the match
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
batsmanWinProbLR

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
batsmanWinProbDL(a,'England','Pakistan')

## End(Not run)

batsmanWinProbLR  Plot the batsman win probability using Logistic Regression model

Description

This function plots the batsman win probability of the teams in a T20 match

Usage

batsmanWinProbLR(match,t1,t2,plot=1)

Arguments

match The dataframe of the match
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2(interactive)

Value

none
Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:
#Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="..\temp")

# Plot the match worm plot
batsmanWinProbLR(a,'England','Pakistan')

## End(Not run)

bowlerCumulativeAvgEconRate

_Bowler’s cumulative average economy rate_

Description

This function computes and plots the cumulative average economy rate of a bowler

Usage

bowlerCumulativeAvgEconRate(df,name,dateRange,staticIntv1=1)
Arguments

- **df**: Data frame
- **name**: Name of batsman
- **dateRange**: Date interval to consider
- **staticIntv1**: Static or interactive - staticIntv1 = 1 (static plot) & staticIntv1 = 2 (interactive plot)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `batsmanCumulativeAverageRuns`
- `bowlerCumulativeAvgWickets`
- `batsmanCumulativeStrikeRate`
- `batsmanRunsVsStrikeRate`
- `batsmanRunsPredict`

Examples

```r
## Not run: )
# 'Get the data frame for RA Jadeja
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerCumulativeAvgEconRate(jadeja,"RA Jadeja",dateRange)
## End(Not run)
```
bowlerCumulativeAvgWickets

Bowler’s cumulative average wickets

Description

This function computes and plots the cumulative average wickets of a bowler.

Usage

bowlerCumulativeAvgWickets(df, name, dateRange, staticIntv1=1)

Arguments

df   Data frame
name  Name of batsman
dateRange  Date interval to consider
staticIntv1  Static or interactive - staticIntv1 =1 (static plot) & staticIntv1 =2 (interactive plot)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanCumulativeAverageRuns bowlerCumulativeAvgEconRate batsmanCumulativeStrikeRate batsmanRunsVsStrikeRate batsmanRunsPredict
### Examples

```r
## Not run: )
# 'Get the data frame for RA Jadeja
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerCumulativeAvgWickets(jadeja,"RA Jadeja",dateRange)

## End(Not run)
```

---

**bowlerDeliveryWickets**  *Number of deliveries to wickets*

---

**Description**

This function creates a dataframe of balls bowled versus the wickets taken by the bowler

**Usage**

`bowlerDeliveryWickets(match,theTeam,name)`

**Arguments**

- `match`: Data frame of the match
- `theTeam`: The team for which the delivery wickets have to be computed
- `name`: The name of the bowler

**Value**

dataframe

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
See Also

batsmanFoursSixes
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
bowlerDeliveryWickets
bowlerMeanEconomyRate
bowlerMeanRunsConceded

Examples

## Not run:
#Get match data
test <- getMatchDetails("England","Pakistan","2006-09-05",dir="../data")
bowlerDeliveryWickets(test,"India","Jadeja")

## End(Not run)

bowlerMeanEconomyRate  Mean economy rate versus number of overs

Description

This function computes and plots mean economy rate and the number of overs bowled by the bowler

Usage

bowlerMeanEconomyRate(df, name, dateRange, staticIntv1=1)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>df</td>
<td>Data frame</td>
</tr>
<tr>
<td>name</td>
<td>Name of bowler</td>
</tr>
<tr>
<td>dateRange</td>
<td>Date interval to consider</td>
</tr>
<tr>
<td>staticIntv1</td>
<td>Static or interactive -staticIntv1 =1 (static plot) &amp; staticIntv1 =2 (interactive plot)</td>
</tr>
</tbody>
</table>

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
bowlerMeanRunsConceded

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
bowlerMovingAverage
bowlerWicketsVenue
bowlerMeanRunsConceded

Examples
## Not run:
# Get the data frame for RA Jadeja
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerMeanEconomyRate(jadeja,"RA Jadeja")
## End(Not run)

bowlerMeanRunsConceded

Mean runs conceded versus overs

Description
This function computes and plots mean runs conceded by the bowler for the number of overs bowled
by the bowler

Usage
bowlerMeanRunsConceded(df, name,dateRange,staticIntv1=1)

Arguments
df Data frame
name Name of bowler
dateRange Date interval to consider
staticIntv1 Static or interactive -staticIntv1 =1 (static plot) & staticIntv1 =2 (interactive plot)
Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
bowlerMovingAverage
bowlerWicketsVenue
bowlerMeanRunsConceded

Examples
### Not run:
# Get the data frame for RA Jadeja
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerMeanRunsConceded(jadeja,"RA Jadeja",dateRange)

### End(Not run)

---

bowlerMovingAverage  Bowler's moving average of wickets

Description
This function computes and plots the wickets taken by the bowler over career. A loess regression fit plots the moving average of wickets taken by bowler

Usage
bowlerMovingAverage(df, name, dateRange, staticIntv=1)
Arguments

- **df**  
  Data frame

- **name**  
  Name of bowler

- **dateRange**  
  Date interval to consider

- **staticIntv1**  
  Static or interactive - staticIntv1 = 1 (static plot) & staticIntv1 = 2 (interactive plot)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `bowlerMeanEconomyRate`
- `bowlerWicketsVenue`
- `bowlerMeanRunsConceded`

Examples

```r
## Not run:
# Get the data frame for RA Jadeja
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerMeanRunsConceded(jadeja,"RA Jadeja",dateRange,staticIntv=1)

## End(Not run)
```
bowlerVsBatsmanPerf  

**Performance of bowler vs batsman**

**Description**

This function computes the performance of bowler vs batsman.

**Usage**

`bowlerVsBatsmanPerf(t20MDF,batsman1,bowler1)`

**Arguments**

- `t20MDF`  
  Dataframe
- `batsman1`  
  The batsman
- `bowler1`  
  The bowler

**Value**

None

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [cricsheet.org](https://cricsheet.org/)
- [gigadom.in](https://gigadom.in/)
- [github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `batsmanFoursSixes`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`

**Examples**

```r
## Not run:
bowlerVsBatsmanPerf(t20MDF,batsman1,bowler1)

## End(Not run)```


**bowlerWicketsAgainstOpposition**

*Bowler wickets versus different teams*

**Description**

This function computes and plots mean number of wickets taken by the bowler against different opposition

**Usage**

```r
bowlerWicketsAgainstOpposition(df, name, dateRange, staticIntv1=1)
```

**Arguments**

- `df`: Data frame
- `name`: Name of bowler
- `dateRange`: Date interval to consider
- `staticIntv1`: Static or interactive - `staticIntv1 =1` (static plot) & `staticIntv1 =2` (interactive plot)

**Value**

None

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

**See Also**

- `bowlerMovingAverage`
- `bowlerWicketsVenue`
- `bowlerMeanRunsConceded`
bowlWicketsVenue

Examples

```r
## Not run:
# Get the data frame for RA Jadeja
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerWicketsAgainstOpposition(jadeja,"RA Jadeja",dateRange)
## End(Not run)
```

---

bowlWicketsVenue  

*Bowler performance at different venues*

Description

This function computes and plots mean number of wickets taken by the bowler in different venues.

Usage

```r
bowlWicketsVenue(df, name, dateRange, staticIntv1=1)
```

Arguments

- `df`: Data frame
- `name`: Name of bowler
- `dateRange`: Date interval to consider
- `staticIntv1`: Static or interactive - staticIntv1 = 1 (static plot) & staticIntv1 = 2 (interactive plot)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
See Also

- bowlerMovingAverage
- bowlerWicketsVenue
- bowlerMeanRunsConceded

Examples

```r
## Not run:
# Get the data frame for RA Jadeja
ejadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=pathToFile)
bowlerWicketsVenue(jadeja,"RA Jadeja",dateRange)

## End(Not run)
```

---

**bowlerWinProbDL**

*Plot the Bowler win probability contribution using Deep Learning model*

Description

This function plots the win probability of bowlers in a T20 match

Usage

```r
bowlerWinProbDL(match,t1,t2,plot=1)
```

Arguments

- `match`: The dataframe of the match
- `t1`: The 1st team of the match
- `t2`: the 2nd team in the match
- `plot`: Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:
#Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# t
bowlerWinProbDL(a,"England","Pakistan")

## End(Not run)

bowlerWinProbLR  

Plot the bowler win probability using Logistic Regression model

Description

This function plots the win probability of the teams in a T20 match

Usage

bowlerWinProbLR(match,t1,t2,plot=1)

Arguments

match  
The dataframe of the match

t1  
The 1st team of the match

t2  
the 2nd team in the match

plot  
Plot=1 (static), Plot=2(interactive)

Value
none
bowlerWktsPredict

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
bowlerWinProbLR(a,'England','Pakistan')

## End(Not run)

bowlerWktsPredict  Predict the deliveries required to wickets

Description
This function uses a classification tree to compute the number deliveries needed versus the wickets taken

Usage
bowlerWktsPredict(df, name, dateRange)

Arguments
df  Data frame
name  Name of bowler
dateRange  Date interval to consider
Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
bowlerMovingAverage
bowlerWicketsVenue
bowlerMeanRunsConceded

Examples
## Not run:
# Get the data frame for RA Jadeja
jadeja1 <- getDeliveryWickets(team="India",name="Jadeja",save=FALSE)
bowlerWktsPredict(jadeja1,"RA Jadeja",dateRange)
## End(Not run)

------------------------------------------
convertAllYaml2RDataframes

Convert and save all Yaml files to dataframes

------------------------------------------

Description
This function converts all Yaml files from source directory to data frames. The data frames are then stored as .RData. The saved files are of the format team1-team2-date.RData For e.g. England-India-2008-04-06.RData etc

Usage
convertAllYaml2RDataframes(sourceDir=".",targetDirMen=".",targetDirWomen=".")
convertAllYaml2RDataframes

Arguments

sourceDir  The source directory of the yaml files

targetDirMen  The target directory in which the data frames for men are stored as RData files

targetDirWomen  The target directory in which the data frames for women are stored as RData files

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

bowlerMovingAverage
bowlerWicketsVenue
convertYaml2RDataframe

Examples

```r
## Not run:
# In the example below ../yamldir is the source dir for the yaml files
convertAllYaml2RDataframes("../yamldir","../data")

## End(Not run)
```
convertAllYaml2RDataframesT20

Convert and save all T20 Yaml files to dataframes

Description
This function converts all T20 Yaml files from source directory to data frames. The data frames are then stored as .RData. The saved files are of the format team1-team2-date.RData For e.g. England-India-2008-04-06.RData etc

Usage
convertAllYaml2RDataframesT20(sourceDir=".", targetDirMen=".", targetDirWomen=".")

Arguments
- sourceDir: The source directory of the yaml files
- targetDirMen: The target directory in which the data frames of men are stored as RData files
- targetDirWomen: The target directory in which the data frames of women are stored as RData files

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
bowlerMovingAverage
bowlerWicketsVenue
convertYaml2RDataFrameT20
## convertYaml2RDataframe

Converts and save yaml files to dataframes

### Description

This function converts all Yaml files from source directory to data frames. The data frames are then stored as .RData. The saved file is of the format team1-team2-date.RData For e.g. England-India-2008-04-06.RData etc

### Usage

```r
convertYaml2RDataframe(yamlFile, sourceDir=".", targetDir=".")
```

### Arguments

- **yamlFile**: The yaml file to be converted to dataframe and saved.
- **sourceDir**: The source directory of the yaml file.
- **targetDir**: The target directory in which the data frame is stored as RData file.

### Value

None

### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

### Author(s)

Tinniam V Ganesh

### References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
See Also

bowlerMovingAverage
bowlerWicketsVenue
convertAllYaml2RDataframes

Examples

## Not run:
# In the example below ../yamldir c
convertYaml2RDataframe("225171.yaml",".","../data")

## End(Not run)

---

convertYaml2RDataframeT20

*Converts and save T20 yaml files to dataframes*

Description

This function coverts all T20 Yaml files from source directory to data frames. The data frames are then stored as .RData. The saved file is of the format team1-team2-date.RData For e.g. England-India-2008-04-06.RData etc

Usage

convertYaml2RDataframeT20(yamlFile,sourceDir=".",targetDir=".")

Arguments

- yamlFile: The yaml file to be converted to dataframe and saved
- sourceDir: The source directory of the yaml file
- targetDir: The target directory in which the data frame is stored as RData file

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
getAllMatchesAllOpposition

Get data on all matches against all opposition

Description

This function gets all the matches for a particular team for e.g India, Pakistan, Australia etc against all other oppositions. It constructs a huge dataframe of all these matches. This can be saved by the user which can be used in function in which analyses are done for all matches and for all oppositions. This is done by loading the saved .RData for each match and performing an rbind of the data frames for each match.

Usage

getAllMatchesAllOpposition(team, dir=".", save=FALSE, odir=".")

Arguments

- **team**: The team for which all matches and all opposition has to be obtained e.g. India, Pakistan
- **dir**: The input directory
- **save**: Default=FALSE. This parameter indicates whether the combined data frame needs to be saved or not. It is recommended to save this large dataframe as the creation of this data frame takes a several seconds depending on the number of matches
- **odir**: The output directory
getAllMatchesBetweenTeams

Get data on all matches between 2 opposing teams

Description

This function gets all the data on matches between opposing teams for e.g India-Pakistan, England-Australia, South Africa- Sri Lanka etc. It constructs a huge dataframe of all these matches. This can be saved by the user which can be used in function in which analyses are done for all matches between these teams. This is done by loading the saved .RData for each match and performing an rbind of the data frames for each match

Usage

ggetAllMatchesBetweenTeams(team1, team2, dir=".", save=FALSE, odir = ".")
**Arguments**

- **team1**: One of the team in consideration e.g (India, Australia, England)
- **team2**: The other team for which matches are needed e.g (India, Sri Lanka, Pakistan)
- **dir**: The input directory which has the RData files of matches between teams
- **save**: Default=FALSE. This parameter indicates whether the combined data frame needs to be saved or not. It is recommended to save this large dataframe as the creation of this data frame takes a several seconds depending on the number of matches
- **odir**: The output directory

**Value**

- **matches**: The combined data frame

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `bowlerMovingAverage`
- `bowlerWicketsVenue`
- `getAllMatchesAllOpposition`

**Examples**

```r
## Not run:
# Get all matches for team India
ggetAllMatchesAllOpposition("India", dir="../data/", save=TRUE)
ggetAllMatchesAllOpposition("Australia", dir="../mysavedata/", save=TRUE)

## End(Not run)
```
getBatsmanDetails  Get batting details of batsman from match

Description
This function gets the batting details of a batsman given the match data as a RData file

Usage
getBatsmanDetails(team, name, dir=".")

Arguments
- team: The team of the batsman e.g. India
- name: Name of batsman
- dir: The directory where the source file exists

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanRunsPredict
batsmanMovingAverage
bowlerWicketsVenue
bowlerMeanRunsConceded
getBBLBattingDetails

Examples

## Not run:
getBatsmanDetails(team="India",name="Kohli",dir=pathToFile)

## End(Not run)

getBBLBattingDetails  Gets the BBL batting details

Description

This function creates a single dataframe of all BBL batsmen

Usage

getBBLBattingDetails(dir=quotesingle.Var,odir=".")

Arguments

dir  The input directory
odir  The output directory

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getIPLBattingDetails
getIPLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails
getBBLBowlingDetails  *Gets the BBL bowling details*

**Description**

This function creates a single dataframe of all BBL bowling

**Usage**

```r
getBBLBowlingDetails(dir='.', odir='.')
```

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>dir</code></td>
<td>The input directory</td>
</tr>
<tr>
<td><code>odir</code></td>
<td>The output directory</td>
</tr>
</tbody>
</table>

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

**See Also**

- `getIPLBattingDetails`
- `getIPLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBBowlingDetails`
getBowlerWicketDetails

Get the bowling details of a bowler

Description

This function gets the bowling of a bowler (overs, maidens, runs, wickets, venue, opposition)

Usage

getBowlerWicketDetails(team, name, dir=".")

Arguments

team       The team to which the bowler belongs
name       The name of the bowler
dir        The source directory of the data

Value

dataframe The dataframe of bowling performance

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

bowlerMovingAverage
getTeamBowlingDetails
bowlerMeanRunsConceded
teamBowlersWicketRunsOppnAllMatches
Examples

## Not run:
# Get the bowling details of bowlers of a team e.g. India. This is saved as a dataframe
c <- getTeamBowlingDetails("India",dir="../data",save=TRUE)
# Get the bowler details from this overall data frame
jadeja <- getBowlerWicketDetails(team="India",name="Jadeja",dir=".")
# The dataframe from the above call is used in many functions
# bowlerMeanEconomyRate(jadeja,"RA Jadeja")
## End(Not run)

getCPLBattingDetails  Gets the CPL batting details

Description

This function creates a single dataframe of all CPL batting

Usage

getCPLBattingDetails(dir='.',odir=".")

Arguments

    dir  The input directory
    odir  The output directory

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/
**getCPLBowlingDetails**

See Also

- getBBLBattingDetails
- getBBLBowlingDetails
- getNTBBattingDetails
- getNTBBowlingDetails

---

**getCPLBowlingDetails**  
*Gets the CPL bowling details*

---

**Description**

This function creates a single dataframe of all CPL bowling

**Usage**

```r
getCPLBowlingDetails(dir='.', odir='.
```

**Arguments**

- **dir**  
  The input directory
- **odir**  
  The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- getIPLBattingDetails
- getIPLBowlingDetails
- getNTBBattingDetails
- getNTBBowlingDetails
getDeliveryWickets  

Get dataframe of deliveries bowled and wickets taken

Description

This function creates a data frame of deliveries bowled and wickets taken. This data frame is then used by bowlerWktsPredict to predict the number of deliveries to wickets taken.

Usage

getDeliveryWickets(team, dir=".", name, save=FALSE)

Arguments

team The team for which dataframe is to be obtained
dir The source directory in which the match .RData files exist
name The name of the bowler
save Whether the data frame needs to be saved to a file or not

Value

dataframe The dataframe of delivery wickets

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

bowlerMovingAverage
getTeamBowlingDetails
bowlerWktsPredict
teamBowlersWicketRunsOppnAllMatches
getIPLBattingDetails

getIPLBattingDetails   Gets the IPL batting details

Description
This function creates a single dataframe of all IPL batting

Usage
getIPLBattingDetails(dir=".",odir=".")

Arguments
  dir               The input directory
  odir              The output directory

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBBLBattingDetails
getBBLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails
getIPLBowlingDetails  

**Description**

This function creates a single dataframe of all IPL bowling

**Usage**

```r
getiPLBowlingDetails(dir='.', odir=".")
```

**Arguments**

- `dir`  The input directory
- `odir`  The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

**See Also**

- getIPLBattingDetails
- getIPLBowlingDetails
- getNTBBattingDetails
- getNTBBowlingDetails
getMatchDetails  Get match details of 2 countries

Description
This function gets the details of a match played between 2 countries from the saved RData files and returns a dataframe.

Usage
getMatchDetails(team1, team2, date, dir=".")

Arguments
- team1: The 1st team in the match
- team2: The 2nd team in the match
- date: The date on which the match was played
- dir: The source directory of the RData files with all matches

Value
match: The dataframe of the match

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also
- getBatsmanDetails
- getBowlerWicketDetails
- getTeamBattingDetails
- getTeamBowlingDetails
getNTBBattingDetails

Gets the NTB batting details

Description

This function creates a single dataframe of all NTB batting

Usage

getNTBBattingDetails(dir=., odir=.")

Arguments

dir The input directory
odir The output directory

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/
getNTBBowlingDetails

See Also

getBBLBattingDetails
getBBLBowlingDetails
getIPLBattingDetails
getIPLBowlingDetails

getNTBBowlingDetails  Gets the NTB bowling details

Description

This function creates a single dataframe of all NTB bowling

Usage

getNTBBowlingDetails(dir='.', odir='.')

Arguments

dir  The input directory
odir  The output directory

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

See Also

getIPLBattingDetails
getIPLBowlingDetails
getNTBBattingDetails
getNTBBattingDetails
getODIBattingDetails

*Gets the ODI batting details*

**Description**

This function creates a single dataframe of all ODI batting

**Usage**

```r
getODIBattingDetails(dir='.', odir='.')
```

**Arguments**

- `dir` The input directory
- `odir` The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `getBBLBattingDetails`
- `getBBLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBowlingDetails`
getODIBowlingDetails  \hspace{1cm} \textit{Gets the ODI bowling details}

\section*{Description}
This function creates a single dataframe of all ODI bowling

\section*{Usage}
getODIBowlingDetails(dir='.', odir='.')

\section*{Arguments}
\begin{itemize}
  \item \texttt{dir} \hspace{1cm} The input directory
  \item \texttt{odir} \hspace{1cm} The output directory
\end{itemize}

\section*{Note}
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

\section*{Author(s)}
Tinniam V Ganesh

\section*{References}
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

\section*{See Also}
getIPLBattingDetails
getIPLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails
getPSLBattingDetails

*Gets the PSL batting details*

**Description**

This function creates a single dataframe of all PSL batting

**Usage**

getPSLBattingDetails(dir=".", odir=".")

**Arguments**

<table>
<thead>
<tr>
<th>dir</th>
<th>The input directory</th>
</tr>
</thead>
<tbody>
<tr>
<td>odir</td>
<td>The output directory</td>
</tr>
</tbody>
</table>

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

**See Also**

getBBLBattingDetails
getBBLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails
getPSLBowlingDetails  

*Gets the PSL bowling details*

**Description**

This function creates a single dataframe of all PSL bowling

**Usage**

```r
getPSLBowlingDetails(dir='.',odir='.')
```

**Arguments**

- `dir`  
  The input directory

- `odir`  
  The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `getIPLBattingDetails`
- `getIPLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBattingDetails`
getSSMBattingDetails  

*Gets the SSM batting details*

**Description**

This function creates a single dataframe of all SSM batsmen

**Usage**

```r
getSSMBattingDetails(dir='.', odir='.')
```

**Arguments**

- `dir` The input directory
- `odir` The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `getIPLBattingDetails`
- `getIPLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBowlingDetails`
getSSMBowlingDetails  Gets the SSM bowling details

Description

This function creates a single dataframe of all SSM bowling

Usage

getSSMBowlingDetails(dir=`./`,odir=`./`)

Arguments

dir  The input directory
odir  The output directory

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getIPLBattingDetails
getIPLBowlingDetails
getNTBBattingDetails
getNTBBattingDetails
getT20BattingDetails  

_Gets the T20 batting details_

**Description**

This function creates a single dataframe of all T20 batting

**Usage**

```r
getT20BattingDetails(dir='.', odir='.')
```

**Arguments**

- **dir**: The input directory
- **odir**: The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `getBBLBattingDetails`
- `getBBLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBowlingDetails`
getT20BowlingDetails  

*Gets the T20 bowling details*

**Description**

This function creates a single dataframe of all T20 bowling.

**Usage**

```r
getT20BowlingDetails(dir='.', odir='.')
```

**Arguments**

- `dir`: The input directory
- `odir`: The output directory

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `getIPLBattingDetails`
- `getIPLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBBowlingDetails`
getTeamBattingDetails  Get team batting details

Description

This function gets the batting details of a team in all matches against all oppositions. This gets all the details of the batsmen: balls faced, 4s, 6s, strike rate, runs, venue etc. This function is then used for analyses of batsmen. This function calls teamBattingPerfDetails().

Usage

getTeamBattingDetails(team, dir=".", save=FALSE, odir=".")

Arguments

- **team**: The team for which batting details is required
- **dir**: The source directory
- **save**: Whether the data frame needs to be saved as RData or not. It is recommended to set save=TRUE as the data can be used for a lot of analyses of batsmen
- **odir**: The output directory to store saved files

Value

- **battingDetails**: The dataframe with the batting details

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- [getBatsmanDetails](#)
- [getBowlerWicketDetails](#)
- [batsmanDismissals](#)
- [getTeamBowlingDetails](#)
Examples

```r
## Not run:
a <- getTeamBattingDetails("India", dir="../data", save=TRUE)
## End(Not run)
```

---

`getTeamBowlingDetails` *Get the team bowling details*

Description

This function gets the bowling details of a team in all matches against all oppositions. This gets all the details of the bowlers for e.g deliveries, maidens, runs, wickets, venue, date, winner etc.

Usage

`getTeamBowlingDetails(team, dir=".", save=FALSE, odir=".")`

Arguments

- `team` The team for which detailed bowling info is required
- `dir` The source directory of RData files obtained with `convertAllYaml2RDataframes()`
- `save` Whether the data frame needs to be saved as RData or not. It is recommended to set `save=TRUE` as the data can be used for a lot of analyses of batsmen
- `odir` The output directory

Value

`bowlingDetails` The dataframe with the bowling details

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/
See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:
a <- getTeamBowlingDetails("India",dir="../data",save=TRUE,odir=".")

## End(Not run)

getWBBBattingDetails  Gets the WBB batting details

Description

This function creates a single dataframe of all WBB batsmen

Usage

getWBBBattingDetails(dir='.',odir=".")

Arguments

dir    The input directory
odir   The output directory

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/
getWBBBowlingDetails

See Also

getIPLBattingDetails
getIPLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails

---

getWBBBowlingDetails  

*Gets the WBB bowling details*

Description

This function creates a single dataframe of all WBB bowling

Usage

```r
getWBBBowlingDetails(dir='.', odir='.')
```

Arguments

- `dir`  
The input directory
- `odir`  
The output directory

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- getIPLBattingDetails
- getIPLBowlingDetails
- getNTBBattingDetails
- getNTBBowlingDetails
Description

quiets concerns of R CMD check re: the .’s that appear in pipelines

Usage

helper(teamNames, dir=".", type="IPL")

Arguments

teamNames  The team names

dir        The output directory

type       T20 format

Value

minDate, maxDate, minMatches, maxMatches

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/
See Also

rankODIBowlers
rankODIBatsmen
rankT20Batsmen
rankT20Bowlers

helper1 Gets min,max date and min and max matches from dataframe from the year

Description
This function gets min,max date and min and max matches from dataframe

Usage

helper1(teamNames, dateRange, dir=".", type="IPL")

Arguments

teamNames The team names
dateRange Date interval to consider
dir The input directory
type T20 format

Value

minMatches, maxMatches

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/
See Also

- `rankODIBowlers`
- `rankODIBatsmen`
- `rankT20Batsmen`
- `rankT20Bowlers`

---

**helper2**

Gets min, max date and min and max matches from dataframe

**Description**

This function gets min, max date and min and max matches from dataframe

**Usage**

```r
helper2(teamNames, dir=".", type="IPL")
```

**Arguments**

- `teamNames` The team names
- `dir` The output directory
- `type` T20 format

**Value**

- `minDate`
- `maxDate`
- `minMatches`
- `maxMatches`

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

**See Also**

- `rankODIBowlers`
- `rankODIBatsmen`
- `rankT20Batsmen`
- `rankT20Bowlers`
helper3  

**Description**  
This function gets min,max date and min and max matches from dataframe for the year

**Usage**  
```
helper3(teamNames, dateRange, dir=".", type="IPL")
```

**Arguments**  
- `teamNames`: The team names  
- `dateRange`: Date interval to consider  
- `dir`: The input directory  
- `type`: T20 format

**Value**  
- `minMatches`, `maxMatches`

**Note**  
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**  
Tinniam V Ganesh

**References**  
- [https://cricsheet.org/](https://cricsheet.org/)  
- [https://gigadom.in/](https://gigadom.in/)  
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**  
- `rankODIBowlers`  
- `rankODIBatsmen`  
- `rankT20Batsmen`  
- `rankT20Bowlers`
matchWormGraph

Description
This function plots the match worm graph between 2 teams in a match

Usage
matchWormGraph(match, t1, t2, plot=1)

Arguments
match       The dataframe of the match
 t1          The 1st team of the match
 t2          the 2nd team in the match
 plot        Plot=1 (static), Plot=2(interactive)

Value
none

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails
matchWormWicketGraph

Examples

```r
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
matchWormGraph(a,'England','Pakistan')

## End(Not run)
```

---

matchWormWicketGraph  Plot the match worm wicket graph

Description

This function plots the match worm wicket graph between 2 teams in a match.

Usage

```r
matchWormWicketGraph(match,t1,t2,plot=1)
```

Arguments

- `match`: The dataframe of the match
- `t1`: The 1st team of the match
- `t2`: the 2nd team in the match
- `plot`: Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

```r
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
matchWormWicketGraph(a,'England','Pakistan')

## End(Not run)
```

overallRunsSRDeathOversPlotT20

*Plot the Runs vs SR in death overs of Intl. T20 batsmen*

Description

Runs vs SR in middle death of Intl. T20 batsmen

Usage

`overallRunsSRDeathOversPlotT20(dir=".", dateRange,type="IPL",plot=1)`

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>dir</code></td>
<td>The input directory</td>
</tr>
<tr>
<td><code>dateRange</code></td>
<td>Date interval to consider</td>
</tr>
<tr>
<td><code>type</code></td>
<td>T20 league</td>
</tr>
<tr>
<td><code>plot</code></td>
<td>plot=1 (static),plot=2(interactive), plot=3 (table)</td>
</tr>
</tbody>
</table>

Value

The ranked T20 batsmen

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
overallRunsSRMiddleOversPlotT20

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankODIBatsmen
rankT20Bowlers

Examples

```r
## Not run:
overallRunsSRDeathOversPlotT20(dir=".", dateRange,type="IPL",plot=1)
## End(Not run)
```

---

**overallRunsSRMiddleOversPlotT20**

*Plot the Runs vs SR in middle overs of Intl. T20 batsmen*

Description

Runs vs SR in middle overs of Intl. T20 batsmen

Usage

```r
overallRunsSRMiddleOversPlotT20(dir=".", dateRange,type="IPL",plot=1)
```

Arguments

- `dir` The input directory
- `dateRange` Date interval to consider
- `type` T20 league
- `plot` plot=1 (static),plot=2(interactive), plot=3 (table)

Value

The ranked T20 batsmen

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
overallRunsSRPlotT20

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
rankODIBowlers
rankODIBatsmen
rankT20Bowlers

Examples
```r
## Not run:
overallRunsSRMiddleOversPlotT20(dir=".", dateRange,type="IPL",plot=1)

## End(Not run)
```

---

**overallRunsSRPlotT20**  Plot the Runs vs SR of Intl. T20 batsmen

Description
This function creates a single dataframe of all T20 batsmen and then ranks them

Usage
```r
overallRunsSRPlotT20(dir=".", minMatches, dateRange,type="IPL",plot=1)
```

Arguments
- `dir` The input directory
- `minMatches` Minimum matches played
- `dateRange` Date interval to consider
- `type` T20 league
- `plot` plot=1 (static), plot=2(interactive), plot=3 (table)

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
overallRunsSRPPowerplayPlotT20

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankODIBatsmen
rankT20Bowlers

Examples

## Not run:
overallRunsSRPlotT20(dir=".", minMatches, dateRange,type="IPL",plot=1)

## End(Not run)

overallRunsSRPPowerplayPlotT20

Plot the Runs vs SR in power play of T20 batsmen

Description

Runs vs SR in power play of T20 batsmen

Usage

overallRunsSRPPowerplayPlotT20(dir=".", dateRange,type="IPL",plot=1)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>dir</td>
<td>The input directory</td>
</tr>
<tr>
<td>dateRange</td>
<td>Date interval to consider</td>
</tr>
<tr>
<td>type</td>
<td>T20 league</td>
</tr>
<tr>
<td>plot</td>
<td>plot=1 (static), plot=2 (interactive), plot=3 (table)</td>
</tr>
</tbody>
</table>

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
overallWicketsERDeathOversPlotT20

Description

Wickets vs ER in death overs of Intl. T20 batsmen

Usage

overallWicketsERDeathOversPlotT20(dir=".", dateRange,type="IPL",plot=1)

Arguments

dir | The input directory
dateRange | Date interval to consider
type | T20 league
plot | plot=1 (static),plot=2(interactive), plot=3 (table)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
overallWicketsERMiddleOversPlotT20

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankODIBatsmen
rankT20Bowlers

Examples

## Not run:
overallWicketsERMiddleOversPlotT20(dir=".", dateRange,type="IPL",plot=1)

## End(Not run)

overallWicketsERMiddleOversPlotT20

Plot the Wickets vs ER in middle overs of Intl. T20 batsmen

Description

Wickets vs ER in middle overs of Intl. T20 batsmen

Usage

overallWicketsERMiddleOversPlotT20(dir=".", dateRange,type="IPL",plot=1)

Arguments

dir The input directory
dateRange Date interval to consider
type T20 league
plot plot=1 (static),plot=2(interactive), plot=3 (table)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
overallWicketsERPlotT20

Ranks the T20 bowlers

Description

This function plots the overall wickets vs ER in T20 men

Usage

overallWicketsERPlotT20(dir=".", minMatches, dateRange, type="IPL", plot=1)

Arguments

dir The input directory
minMatches Minimum matches played
dateRange Date interval to consider
type T20 league
plot plot=1 (static), plot=2 (interactive), plot=3 (table)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
overallWicketsERPowerPlayPlotT20

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
rankODIBowlers
rankODIBatsmen
rankT20Batsmen
rankT20Bowlers

Examples

## Not run:
overallWicketsERPlotT20(dir=".", minMatches, dateRange, type="IPL", plot=1)

## End(Not run)

overallWicketsERPowerPlayPlotT20

Plot the Wickets vs ER in power play of Intl. T20 batsmen

Description
Wickets vs ER in power play of Intl. T20 batsmen

Usage
overallWicketsERPowerPlayPlotT20(dir=".", dateRange, type="IPL", plot=1)

Arguments
dir    The input directory
dateRange    Date interval to consider
type    T20 league
plot    plot=1 (static), plot=2 (interactive), plot=3 (table)

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
**parseYamlOver**

*Parse yaml file and convert to dataframe*

**Description**

This function parses the yaml file and converts it into a data frame. This is an internal function and is used by convertAllYaml2RDataframes() & convertYaml2RDataframe()

**Usage**

`parseYamlOver(match, s, ateam, delivery, meta)`

**Arguments**

- `match`: The dataframe of the match
- `s`: The string with the delivery
- `ateam`: The team
- `delivery`: The delivery of the over
- `meta`: The meta information of the match

**Value**

- `overs`: The dataframe of overs
plotWinLossBetweenTeams

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:
# Parse the yaml over

## End(Not run)

```
plotWinLossBetweenTeams

Plot wins for each team
```

Description
This function computes and plots number of wins for each team in all their encounters. The plot
includes the number of wins by team 1 each team and the matches with no result

Usage
```
plotWinLossBetweenTeams(team1, team2, dir=".", dateRange, plot=1)
```

Arguments
```
team1 The 1st team
team2 The 2nd team
dir The source directory of the RData files
dateRange Date Range
plot plot=1 (static), plot=2 (interactive)
```
Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanFoursSixes
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate

Examples

## Not run:

plotWinLossBetweenTeams(team1="India",team2="Australia",dir=pathToFile)
batsmanDismissals(kohli,"Kohli")

## End(Not run)

plotWinLossTeamVsAllTeams

Plot wins for each team

Description

This function computes and plots number of wins for a team against all other teams. The plot includes the number of wins by team each team and the matches with no result

Usage

plotWinLossTeamVsAllTeams(team1,dir=".",dateRange, plot=1)
plotWinLossTeamVsAllTeams

Arguments

  team1 The 1st team
  dir  The source directory of the RData files
  dateRange Date Range
  plot  plot=1 (static), plot=2(interactive)

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

  batsmanFoursSixes
  batsmanRunsVsDeliveries
  batsmanRunsVsStrikeRate

Examples

## Not run:

plotWinLossBetweenTeams(team1="India",team2="Australia",dir=pathToFile)
batsmanDismissals(kohli,"Kohli")

## End(Not run)
rankODIBatsmen  

Ranks the ODI batsmen

Description

This function creates a single dataframe of all ODI batsmen and then ranks them

Usage

rankODIBatsmen(dir=".", odir=".", minMatches=50)

Arguments

dir The input directory
odir The output directory
minMatches Minimum matches

Value

The ranked ODI batsmen

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankT20Batsmen
rankT20Bowlers

Examples

## Not run:
odiBatsmanRank <- rankODIBatsmen()

## End(Not run)
rankODIBowlers

Ranks the ODI bowlers

Description
This function creates a single dataframe of all ODI bowlers and then ranks them.

Usage
rankODIBowlers(dir=".", odir=".", minMatches=20)

Arguments
- **dir**: The input directory
- **odir**: The output directory
- **minMatches**: Minimum matches

Value
The ranked ODI bowlers

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
- rankODIBatsmen
- rankT20Batsmen

Examples
```R
## Not run:
# odiBowlersRank <- rankODIBowlers()
## End(Not run)
```
rankT20Batsmen  

Ranks the T20 batsmen

Description

This function creates a single datframe of all T20 batsmen and then ranks them

Usage

rankT20Batsmen(dir=".",minMatches, dateRange, runsvsSR,type)

Arguments

dir  The input directory
minMatches  Minimum matches played
dateRange  Date interval to consider
runsvsSR  Runs or Strike rate
type  T20 format

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankODIBatsmen
rankT20Bowlers

Examples

## Not run:
rankT20Batsmen(dir=".",minMatches, dateRange, runsvsSR,type)

## End(Not run)
rankT20Bowlers  

**Ranks the T20 bowlers**

**Description**

This function creates a single dataframe of all T20 bowlers and then ranks them.

**Usage**

```r
rankT20Bowlers(dir=".", minMatches, dateRange, wicketsVsER, type)
```

**Arguments**

- `dir`  
  The directory
- `minMatches`  
  Minimum matches played
- `dateRange`  
  Date interval to consider
- `wicketsVsER`  
  Wickets or economy rate
- `type`  
  T20 format

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

**See Also**

- `rankODIBowlers`
- `rankODIBatsmen`
- `rankT20Batsmen`
- `rankT20Bowlers`

**Examples**

```r
## Not run:
rankT20Bowlers(dir=".", minMatches, dateRange, wicketsVsER, type)

## End(Not run)
```
saveAllMatchesAllOpposition

Saves matches of all opposition as dataframe

Description

This function saves all matches against all opposition as a single dataframe in the current directory.

Usage

`saveAllMatchesAllOpposition(dir=".", odir=".")`

Arguments

dir: Input Directory
odir: Output Directory to store saved matches

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams
Examples

```r
## Not run:
saveAllMatchesBetweenTeams(dir=".", odir=".")

## End(Not run)
```

---

**saveAllMatchesAllOppositionBBLT20**

*Saves matches against all BBL teams as dataframe for an BBL team*

Description

This function saves all BBL matches against all opposition as a single dataframe in the output directory.

Usage

```r
saveAllMatchesAllOppositionBBLT20(dir=".", odir=".")
```

Arguments

- `dir`: Input Directory
- `odir`: Output Directory

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/
saveAllMatchesAllOppositionCPLT20

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples

## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)

saveAllMatchesAllOppositionCPLT20

Saves matches against all CPL teams as dataframe for an CPL team

Description

This function saves all CPL matches against all opposition as a single dataframe in the output directory.

Usage

saveAllMatchesAllOppositionCPLT20(dir=".", odir=".")

Arguments

dir : Input Directory
odir : Output Directory

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
saveAllMatchesAllOppositionIPLT20

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples

## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)

saveAllMatchesAllOppositionIPLT20

Saves matches against all IPL teams as dataframe for an IPL team

Description

This function saves all IPL matches against all opposition as a single dataframe in the output directory

Usage

saveAllMatchesAllOppositionIPLT20(dir=".", odir=".")

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>dir</td>
<td>Input Directory</td>
</tr>
<tr>
<td>odir</td>
<td>Output Directory</td>
</tr>
</tbody>
</table>

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
saveAllMatchesAllOppositionNTBT20

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples
## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)

saveAllMatchesAllOppositionNTBT20
Saves matches against all NTB teams as dataframe for an NTB team

Description
This function saves all NTB matches against all opposition as a single dataframe in the output directory.

Usage
saveAllMatchesAllOppositionNTBT20(dir=".", odir=".")

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>dir</td>
<td>Input Directory</td>
</tr>
<tr>
<td>odir</td>
<td>Output Directory</td>
</tr>
</tbody>
</table>

Value
None
saveAllMatchesAllOppositionPSLT20

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
g GetAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples
## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)

saveAllMatchesAllOppositionPSLT20

Saves matches against all PSL teams as dataframe for an PSL team

Description
This function saves all PSL matches against all opposition as a single dataframe in the output directory

Usage
saveAllMatchesAllOppositionPSLT20(dir=".", odir=".")

Arguments
dir Input Directory
odir Output Directory
Save all matches against all opposition as dataframe for an SSM team

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples
## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)

saveAllMatchesAllOppositionSSMT20

Saves matches against all SSM teams as dataframe for an SSM team

Description
This function saves all SSM matches against all opposition as a single dataframe in the output directory

Usage
saveAllMatchesAllOppositionSSMT20(dir=".", odir=".")
Arguments

<table>
<thead>
<tr>
<th>dir</th>
<th>Input Directory</th>
</tr>
</thead>
<tbody>
<tr>
<td>odir</td>
<td>Output Directory</td>
</tr>
</tbody>
</table>

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples

```r
## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)
```

Description

This function saves all WBB matches against all opposition as a single dataframe in the output directory.
Usage

saveAllMatchesAllOppositionWBBT20(dir=".", odir=".")

Arguments

dir Input Directory
odir Output Directory

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams

Examples

## Not run:
saveAllMatchesAllOppositionT20

## End(Not run)
**saveAllMatchesBetween2BBLTeams**

*Saves all matches between 2 BBL teams as dataframe*

**Description**

This function saves all matches between 2 BBL teams as a single dataframe in the current directory.

**Usage**

```r
saveAllMatchesBetween2BBLTeams(dir = ".", odir = ".")
```

**Arguments**

- `dir`: Input Directory
- `odir`: Output Directory to store saved matches

**Value**

None

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `batsmanDismissals`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`
- `getAllMatchesAllOpposition`
- `getAllMatchesBetweenTeams`
Examples
## Not run:
saveAllMatchesBetween2BBLTeams(dir=".",odir=".")
## End(Not run)

saveAllMatchesBetween2CPLTeams
Saves all matches between 2 CPL teams as dataframe

Description
This function saves all matches between 2 CPL teams as a single dataframe in the current directory

Usage
saveAllMatchesBetween2CPLTeams(dir=".",odir=".")

Arguments
- `dir` Input Directory
- `odir` Output Directory to store saved matches

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also
- batsmanDismissals
- batsmanRunsVsDeliveries
- batsmanRunsVsStrikeRate
- getAllMatchesAllOpposition
- getAllMatchesBetweenTeams
Examples

```r
## Not run:
saveAllMatchesBetween2IPLTeams(dir=".", odir=".")
## End(Not run)
```

saveAllMatchesBetween2IPLTeams

*Saves all matches between 2 IPL teams as dataframe*

Description

This function saves all matches between 2 IPL teams as a single dataframe in the current directory.

Usage

```r
saveAllMatchesBetween2IPLTeams(dir=".", odir=".")
```

Arguments

- `dir`  
  Input Directory

- `odir`  
  Output Directory to store saved matches

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `batsmanDismissals`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`
- `getAllMatchesAllOpposition`
- `getAllMatchesBetweenTeams`
saveAllMatchesBetween2NTBTeams

Description
This function saves all matches between 2 NTB teams as a single dataframe in the current directory.

Usage
saveAllMatchesBetween2NTBTeams(dir=".", odir=".")

Arguments
- dir: Input Directory
- odir: Output Directory to store saved matches

Value
None

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
- batsmanDismissals
- batsmanRunsVsDeliveries
- batsmanRunsVsStrikeRate
- getAllMatchesAllOpposition
- getAllMatchesBetweenTeams
saveAllMatchesBetween2PSLTeams

Examples

```r
## Not run:
saveAllMatchesBetween2BBLTeams(dir=".", odir=".")

## End(Not run)
```

saveAllMatchesBetween2PSLTeams

_Saves all matches between 2 PSL teams as dataframe_

Description

This function saves all matches between 2 PSL teams as a single dataframe in the current directory.

Usage

```r
saveAllMatchesBetween2PSLTeams(dir=".", odir=".")
```

Arguments

- `dir` Input Directory
- `odir` Output Directory to store saved matches

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `batsmanDismissals`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`
- `getAllMatchesAllOpposition`
- `getAllMatchesBetweenTeams`
saveAllMatchesBetween2SSMTeams

## Not run:
saveAllMatchesBetween2BBLTeams(dir=".",odir=".")

## End(Not run)

saveAllMatchesBetween2SSMTeams

Saves all matches between 2 SSM teams as dataframe

### Description
This function saves all matches between 2 SSM teams as a single dataframe in the current directory

### Usage
```r
saveAllMatchesBetween2SSMTeams(dir=".",odir=".")
```

### Arguments
- `dir` Input Directory
- `odir` Output Directory to store saved matches

### Value
None

### Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

### Author(s)
Tinniam V Ganesh

### References
- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

### See Also
- batsmanDismissals
- batsmanRunsVsDeliveries
- batsmanRunsVsStrikeRate
- getAllMatchesAllOpposition
- getAllMatchesBetweenTeams
saveAllMatchesBetween2WBBTeams

Examples

```r
## Not run:
saveAllMatchesBetween2WBBTeams(dir=".", odir=".")

## End(Not run)
```

saveAllMatchesBetween2WBBTeams

*Saves all matches between 2 WBB teams as dataframe*

Description

This function saves all matches between 2 WBB teams as a single dataframe in the current directory.

Usage

```r
saveAllMatchesBetween2WBBTeams(dir=".", odir=".")
```

Arguments

- `dir` Input Directory
- `odir` Output Directory to store saved matches

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `batsmanDismissals`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`
- `getAllMatchesAllOpposition`
- `getAllMatchesBetweenTeams`
saveAllMatchesBetweenTeams

Examples

## Not run:
saveAllMatchesBetween2BBLTeams(dir=".", odir=".")

## End(Not run)

saveAllMatchesBetweenTeams

Saves all matches between 2 teams as dataframe

Description

This function saves all matches between 2 teams as a single dataframe in the current directory

Usage

saveAllMatchesBetweenTeams(dir=".", odir=".")

Arguments

dir Input Directory to store saved matches
odir Output Directory to store matches between teams

Value

None

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams
Examples

```r
## Not run:
saveAllMatchesBetweenTeams(dir=".",odir=".")

## End(Not run)
```

**saveAllT20BattingDetails**

*Save all T20 batting details*

**Description**

This function creates a single dataframe of all T20 batting details

**Usage**

```r
saveAllT20BattingDetails(teamNames, dir=".", odir=".", type="IPL", save=TRUE)
```

**Arguments**

- `teamNames`: The team names
- `dir`: The output directory
- `odir`: The output directory
- `type`: T20 format
- `save`: To save or not

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- rankODIBowlers
- rankODIBatsmen
- rankT20Bowlers
saveAllT20BowlingDetails

Save all T20 batting details

Examples

```r
## Not run:
saveAllT20BattingDetails(teamNames, dir=".", odir=".", type="IPL", save=TRUE)

## End(Not run)
```

Description

This function creates a single dataframe of all T20 batting details

Usage

```r
saveAllT20BowlingDetails(teamNames, dir=".", odir=".", type="IPL", save=TRUE)
```

Arguments

- **teamNames**: The team names
- **dir**: The output directory
- **odir**: The output directory
- **type**: T20 format
- **save**: To save or not

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `rankODIBowlers`
- `rankODIBatsmen`
- `rankT20Bowlers`
saveAllT20MatchesAsDF

Examples

```r
# Not run:
saveAllT20BowlingDetails(teamNames, dir=".", odir=".", type="IPL", save=TRUE)

# End(Not run)
```

saveAllT20MatchesAsDF  Overall picture Ranks the T20 batsmen

Description

This function creates a single dataframe of all T20 batsmen and then ranks them.

Usage

```r
saveAllT20MatchesAsDF(teamNames, dir=".", odir=".", type="IPL", save=TRUE)
```

Arguments

- `teamNames`: The team names
- `dir`: The output directory
- `odir`: The output directory
- `type`: T20 format
- `save`: To save or not

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankODIBatsmen
rankT20Bowlers
specialProc

Usage

```r
specialProc(dist, overset, ateam, over, str1, meta)
```

Arguments

- `dist`  
- `overset`  
- `ateam`  
- `over`  
- `str1`  
- `meta`  

Value

- `over` The dataframe of over

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/
Description

This function computes the performance of batsmen against all bowlers of an oppositions in all matches. This function returns a dataframe

Usage

teamBatsmenPartnershipOppnAllMatches(matches, theTeam, report="summary")

Arguments

matches  All the matches of the team against the oppositions
theTeam   The team for which the the batting partnerships are sought
report    If the report="summary" then the list of top batsmen with the highest partnerships is displayed. If report="detailed" then the detailed break up of partnership is returned as a dataframe

Value

partnerships The data frame of the partnerships

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamBatsmenPartnershipAllOppnAllMatches

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenMatch
teamBattingScorecardMatch

Examples

```r
## Not run:
# Get all matches for team India against all oppositions
matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")
# You can also directly load the data
#load("India-Australia-allMatches.RData")

m <- teamBatsmenPartnershipOppnAllMatches(a,'India',report="summary")
m <- teamBatsmenPartnershipOppnAllMatches(a,'Australia',report="detailed")

## End(Not run)
```

teambatsmenPartnershipAllOppnAllMatches

*Team batting partnership in all matches all oppositions*

Description

This function computes the batting partnership of a team against all oppositions in all matches. This function returns a dataframe which is a summary of the batsman with the highest partnerships or the partnership of an individual batsman.

Usage

```r
teamBatsmenPartnershipAllOppnAllMatches(matches,theTeam,report="summary")
```

Arguments

- **matches**: All the matches of the team against all oppositions
- **theTeam**: The team for which the batting partnerships are sought
- **report**: if the report=\"summary\" then the data frame returned gives a list of the batsmen with the highest partnerships. If report=\"detailed\" then the detailed breakup of the partnership is returned.
teamBatsmenPartnershipAllOppnAllMatchesPlot

Value

partnerships The data frame with the partnerships

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenVsBowlersOppnAllMatches

Examples

## Not run:
# Get all matches for team India against all oppositions
m <- teamBattingScorecardAllOppnAllMatches(matches, theTeam="India")
# Get the summary report
teamBatsmenPartnershipAllOppnAllMatches(matches, theTeam='India')

# Get the detailed report
teamBatsmenPartnershipAllOppnAllMatches(matches, theTeam='India', report="detailed")

## End(Not run)

---

teamBatsmenPartnershipAllOppnAllMatchesPlot

Plots team batting partnership all matches all oppositions

Description

This function plots the batting partnership of a team against all oppositions in all matches. This function also returns a dataframe with the batting partnerships.
teamBatsmenPartnershipAllOppnAllMatchesPlot

Usage

`teamBatsmenPartnershipAllOppnAllMatchesPlot(matches, theTeam, main, plot=1)`

Arguments

- `matches`: All the matches of the team against all oppositions
- `theTeam`: The team for which the batting partnerships are sought
- `main`: The main team for which the batting partnerships are sought
- `plot`: Whether the partnerships have to be rendered as a plot. Plot=1 (static), plot=2 (interactive), plot=3 (table)

Value

None or partnerships

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also

- `teamBatsmenPartnershipAllOppnAllMatches`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenVsBowlersOppnAllMatches`

Examples

```r
## Not run:
# Get all matches for team India against all oppositions
d <- teamBatsmanVsBowlersAllOppnAllMatchesRept(matches,"India",rank=1,dispRows=50)
# Plot the partnerships
teamBatsmenVsBowlersAllOppnAllMatchesPlot(d)

# Do not plot but get the dataframe
e <- teamBatsmenVsBowlersAllOppnAllMatchesPlot(d,plot=FALSE)

## End(Not run)
```
teamBatsmenPartnershipMatch

Team batting partnerships of batsmen in a match

Description
This function plots the partnerships of batsmen in a match against an opposition or it can return the data frame

Usage

```
teamBatsmenPartnershipMatch(match, theTeam, opposition, plot=1)
```

Arguments

- **match**: The match between the teams
- **theTeam**: The team for which the batting partnerships are sought
- **opposition**: The opposition team
- **plot**: Plot=1 (static), plot=2 (interactive), plot=3 (table)

Value

- **df**: The data frame of the batsmen partnerships

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- teamBatsmenVsBowlersAllOppnAllMatchesPlot
- teamBatsmenPartnershipOppnAllMatchesChart
- teamBatsmenPartnershipAllOppnAllMatchesPlot
- teamBatsmenVsBowlersOppnAllMatches
## Not run:
```
# Get the match between England and Pakistan
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")
batsmenPartnershipMatch(a,"Pakistan","England")
batsmenPartnershipMatch(a,"England","Pakistan", plot=TRUE)
m <- batsmenPartnershipMatch(a,"Pakistan","England", plot=FALSE)
```

## End(Not run)

---

### teamBatsmenPartnershipOppnAllMatchesChart

**Plot of team partnership all matches against an opposition**

#### Description

This function plots the batting partnership of a team against all oppositions in all matches. This function also returns a dataframe with the batting partnerships.

#### Usage

```
teamBatsmenPartnershipOppnAllMatchesChart(matches, main, opposition, plot=1)
```

#### Arguments

- **matches**: All the matches of the team against all oppositions.
- **main**: The main team for which the batting partnerships are sought.
- **opposition**: The opposition team for which the batting partnerships are sought.
- **plot**: Plot=1 (static), plot=2 (interactive), plot=3 (table).

#### Value

None or partnerships.

#### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

#### Author(s)

- Tinniam V Ganesh

#### References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
teamBatsmenVsBowlersAllOppnAllMatchesPlot

See Also

- teamBatsmenPartnershipAllOppnAllMatches
- teamBatsmenPartnershipOppnAllMatchesChart
- teamBatsmenVsBowlersAllOppnAllMatchesPlot
- teamBatsmenVsBowlersOppnAllMatches

Examples

```r
## Not run:
# Get all matches for team India against all oppositions
d <- teamBatsmenVsBowlersAllOppnAllMatchesRept(matches,"India",rank=1,dispRows=50)
#Plot the partnerships
teamBatsmenVsBowlersAllOppnAllMatchesPlot(d)

#Do not plot but get the dataframe
e <- teamBatsmenVsBowlersAllOppnAllMatchesPlot(d,plot=FALSE)

## End(Not run)
```

---

**teamBatsmenVsBowlersAllOppnAllMatchesPlot**

Plot of Team batsmen vs bowlers against all opposition all matches

Description

This function computes the performance of batsmen against all bowlers of all oppositions in all matches. The data frame can be either plotted or returned to the user

Usage

```
teambatsmenVsBowlersAllOppnAllMatchesPlot(df,plot=1)
```

Arguments

- `df` The dataframe of all the matches of the team against all oppositions
- `plot` plot=1 (static), plot=2 (interactive), plot=3 (table)

Value

None or dataframe

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
teamBatsmenVsBowlersAllOppnAllMatchesRept

Report of team batsmen vs bowlers in all matches all oppositions

Description

This function computes the performance of batsmen against all bowlers of all oppositions in all matches.

Usage

```r
teamBatsmenVsBowlersAllOppnAllMatchesRept(matches, theTeam, rank = 0, dispRows = 50)
```
teamBatsmenVsBowlersAllOppnAllMatchesRept

Arguments

matches All the matches of the team against all oppositions
theTeam The team for which the batting partnerships are sought
rank if the rank=0 then the data frame returned gives a summary list of the batsmen with the highest runs against bowlers. If rank=N (where N=1,2,3...) then the detailed breakup of the batsman and the runs scored against each bowler is returned
dispRows The number of rows to be returned

Value

h The data frame of the batsman and the runs against bowlers

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenVsBowlersOppnAllMatches

Examples

## Not run:
# Get all matches for team India against all oppositions
m <-teamBattingScorecardAllOppnAllMatches(matches, theTeam="India")
# Get the summary report
teamBatsmenVsBowlersAllOppnAllMatchesRept(matches,"India", rank=0)
# Get detailed report
teamBatsmenVsBowlersAllOppnAllMatchesRept(matches,"India", rank=1, dispRows=50)

teamBatsmenVsBowlersAllOppnAllMatchesRept(matches,"Pakistan", rank=0)
teamBatsmenVsBowlersAllOppnAllMatchesRept(matches,"England", rank=1)

## End(Not run)
teamBatsmenVsBowlersMatch

Team batsmen against bowlers in a match

Description

This function plots the performance of batsmen versus bowlers in a match or it can return the data frame.

Usage

teamBatsmenVsBowlersMatch(match, theTeam, opposition, plot=1)

Arguments

match The match between the teams
theTeam The team for which the batting partnerships are sought
opposition The opposition team
plot lot=1 (static), plot=2 (interactive), plot=3 (table)

Value

b The data frame of the batsmen vs bowlers performance

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBattingScorecardMatch
Examples

## Not run:

```r
# Get the match between England and Pakistan
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")
batsmenVsBowlersMatch(a, 'Pakistan', 'England', plot=TRUE)

## End(Not run)
```

---

`teamBatsmenVsBowlersOppnAllMatches`

*Team batsmen vs bowlers all matches of an opposition*

**Description**

This function computes the performance of batsmen against the bowlers of an opposition in all matches.

**Usage**

```r
teambatsmenVsBowlersOppnAllMatches(matches, main, opposition, plot=1, top=5)
```

**Arguments**

- `matches`: All the matches of the team against one specific opposition
- `main`: The team for which the batting partnerships are sought
- `opposition`: The opposition team
- `plot`: `plot=1` (static), `plot=2` (interactive), `plot=3` (table)
- `top`: The number of players to be plotted or returned as a dataframe. The default is 5

**Value**

None or dataframe

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
teamBattingPerfDetails

Gets the team batting details.

Description

This function gets the team batting details.

Usage

teamBattingPerfDetails(match, theTeam, includeInfo=FALSE)

Arguments

match The match between the teams
theTeam The team for which the batting partnerships are sought
includeInfo Whether to include venue, date, winner and result

Value

df dataframe
teamBattingScorecardAllOppnAllMatches

Team batting scorecard against all oppositions in all matches

Description

This function computes and returns the batting scorecard of a team in all matches against all oppositions. The data frame has the ball played, 4’s, 6’s and runs scored by batsman.

Usage

teamBattingScorecardAllOppnAllMatches(matches, theTeam)

Arguments

matches All matches of the team in all matches with all oppositions
theTeam The team for which the batting partnerships are sought

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBattingScorecardMatch

Examples

## Not run:
#teamBattingPerfDetails()

## End(Not run)
teamBattingScorecardMatch

Team batting scorecard of a team in a match

Description

This function computes returns the batting scorecard (runs, fours, sixes, balls played) for the team.
teamBattingScorecardMatch

Usage

teamBattingScorecardMatch(match, theTeam)

Arguments

match The match for which the score card is required e.g.
theTeam Team for which scorecard required

Value

scorecard A data frame with the batting scorecard

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart

Examples

## Not run:
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="..\temp")
teambBowlingScorecardMatch(a,'England')

## End(Not run)
teamBattingScorecardOppnAllMatches

Team batting scorecard of a team in all matches against an opposition

Description

This function computes returns the batting scorecard (runs, fours, sixes, balls played) for the team in all matches against an opposition.

Usage

teamBattingScorecardOppnAllMatches(matches, main, opposition)

Arguments

- matches: the data frame of all matches between a team and an opposition obtained with the call getAllMatchesBetweenTeam()
- main: The main team for which scorecard required
- opposition: The opposition team

Value

scorecard The scorecard of all the matches

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenAllOppnAllMatchesMain

Compute team bowlers vs batsmen all opposition all matches

Description

This function computes performance of bowlers of a team against all opposition in all matches

Usage

teamBowlersVsBatsmenAllOppnAllMatchesMain(matches, theTeam, rank=0)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>matches</td>
<td>the data frame of all matches between a team and all opposition and all obtained with the call getAllMatchesAllOpposition()</td>
</tr>
<tr>
<td>theTeam</td>
<td>The team against which the performance is required</td>
</tr>
<tr>
<td>rank</td>
<td>When the rank is 0 then the performance of all the bowlers is displayed. If rank=n (1,2,3...) then the performance of that bowler is given</td>
</tr>
</tbody>
</table>

Value

dataframe The dataframe with all performances

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Plot bowlers vs batsmen against all opposition all matches

Description

This function computes performance of bowlers of a team against all opposition in all matches

Usage

teamBowlersVsBatsmenAllOppnAllMatchesPlot(bowlerDF, t1, t2, plot=1)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bowlerDF</td>
<td>The data frame of the bowler whose performance is required</td>
</tr>
<tr>
<td>t1</td>
<td>The team against to which the player belong</td>
</tr>
<tr>
<td>t2</td>
<td>The opposing team</td>
</tr>
<tr>
<td>plot</td>
<td>plot=1 (static), plot=2 (interactive)</td>
</tr>
</tbody>
</table>
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesRept

Examples

## Not run:
# Get all matches between India and all oppositions
matches <-getAllMatchesAllOpposition("India",dir="../data/",save=TRUE)

#Get the details of the bowler with the specified rank as a dataframe
df <- teamBowlersVsBatsmenAllOppnAllMatchesRept(matches,theTeam="India",rank=1)
#Plot this
teamBowlersVsBatsmenAllOppnAllMatchesPlot(df,"India","India")

df <- teamBowlersVsBatsmenAllOppnAllMatchesRept(matches,theTeam="England",rank=1)
teamBowlersVsBatsmenAllOppnAllMatchesPlot(df,"India","England")

## End(Not run)
teamBowlersVsBatsmenAllOppnAllMatchesRept

*report of Team bowlers vs batsmen against all opposition all matches*

**Description**

This function computes performance of bowlers of a team against all opposition in all matches.

**Usage**

```r
teamBowlersVsBatsmenAllOppnAllMatchesRept(matches, theTeam, rank=0)
```

**Arguments**

- `matches`: the data frame of all matches between a team and all opposition and all obtained with the call `getAllMatchesAllOpposition()`.
- `theTeam`: The team against which the performance is required.
- `rank`: When the rank is 0 then the performance of all the bowlers is displayed. If `rank=n (1,2,3 ..)` then the performance of that bowler is given.

**Value**

dataframe The dataframe with all performances.

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `teamBatsmenPartnershipAllOppnAllMatches`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBowlersVsBatsmenAllOppnAllMatchesMain`
- `teamBowlersVsBatsmenAllOppnAllMatchesPlot`
Examples

```
## Not run:
# Get all matches between India and all oppositions
matches <- getAllMatchesAllOpposition("India", dir="../data/", save=TRUE)

# You could also load directly from the saved file
#load("allMatchesAllOpposition-India.RData")
# The call below gives the best bowlers against India
teamBowlersVsBatsmenAllOppnAllMatchesRept(matches, theTeam="India", rank=0)

# The call with rank=1 gives the performance of the bowler with rank
teamBowlersVsBatsmenAllOppnAllMatchesRept(matches, theTeam="India", rank=1)

# The call below gives the overall performance of India bowlers against South Africa
teamBatsmenVsBowlersAllOppnAllMatchesRept(matches, "South Africa", rank=0)

# The call below gives the performance of best Indias bowlers against Australia
teamBowlersVsBatsmenAllOppnAllMatchesRept(matches, "Australia", rank=1)

## End(Not run)
```

teamBowlersVsBatsmenMatch

**Team bowlers vs batsmen in a match**

Description

This function computes performance of bowlers of a team against an opposition in a match

Usage

```
teamBowlersVsBatsmenMatch(match, theTeam, opposition, plot=1)
```

Arguments

- `match`: The data frame of the match. This can be obtained with the call for e.g a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")
- `theTeam`: The team against which the performance is required
- `opposition`: The opposition team
- `plot`: plot=1 (static),plot=2(interactive),plot=3(table)

Value

None or dataframe If plot=TRUE there is no return. If plot=TRUE then the dataframe is returned

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
teamBowlersVsBatsmenOppnAllMatches

Team bowlers vs batsmen against an opposition in all matches

Description

This function computes performance of bowlers of a team against an opposition in all matches against the opposition

Usage

teamBowlersVsBatsmenOppnAllMatches(matches,main,opposition,plot=1,top=5)
Arguments

matches  The data frame of all matches between a team the opposition. This data frame can be obtained with matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")
mainteen  The main team against which the performance is required
opposition  The opposition team against which the performance is required
plot  plot=1 (static),plot=2(interactive),plot=3(table)
top  The number of rows to be returned. 5 by default

Value

dataframe The data frame with all performances

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenAllOppnAllMatchesRept
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

## Not run:
# Get all matches between India and Australia
matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")

# Plot the performance of top 5 Indian bowlers against Australia
teamBowlersVsBatsmenOppnAllMatches(matches,"India","Australia",top=5)

# Plot the performance of top 3 Australian bowlers against India
teamBowlersVsBatsmenOppnAllMatches(matches,"Australia","India",top=3)

# Get the top 5 bowlers of Australia. Do not plot but get as a dataframe
teamBowlersVsBatsmenOppnAllMatches(matches,"Australia","India",plot=FALSE)
teamBowlersWicketKindOppnAllMatches

Description

This function computes performance of bowlers of a team and the wicket kind against an opposition in all matches against the opposition.

Usage

teamBowlersWicketKindOppnAllMatches(matches, main, opposition, plot = 1)

Arguments

matches  The data frame of all matches between a team the opposition. This data frame can be obtained with matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")
main  The team for which the performance is required
opposition  The opposing team
plot  #' @param plot plot=1 (static),plot=2(interactive),plot=3(table)

Value

None or dataframe The return depends on the value of the plot

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart teamBowlersVsBatsmenAllOppnAllMatchesRept
teamBowlersVsBatsmenAllOppnAllMatchesPlot
teamBowlersWicketRunsOppnAllMatches

Team bowlers wicket runs against an opposition in all matches

Description
This function computes performance of bowlers of a team and the runs conceded against an opposition in all matches against the opposition.

Usage
teamBowlersWicketRunsOppnAllMatches(matches, main, opposition, plot=1)

Arguments
- matches: The data frame of all matches between a team and the opposition. This dataframe can be obtained with matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")
- main: The team for which the performance is required
- opposition: The opposing team
- plot: plot=1 (static), plot=2 (interactive), plot=3 (table)

Value
None or dataframe. The return depends on the value of the plot.

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh
teamBowlersWicketsOppnAllMatches

Team bowlers wickets against an opposition in all matches

Description

This function computes performance of bowlers of a team and the wickets taken against an opposition in all matches against the opposition.

Usage

```r
teamBowlersWicketsOppnAllMatches(matches, main, opposition, plot=1, top=20)
```

Arguments

- `matches`: The data frame of all matches between a team and the opposition. This data frame can be obtained with `matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")`
- `main`: The team for which the performance is required
- `opposition`: The opposing team
- `plot`: `plot=1` (static), `plot=2` (interactive), `plot=3` (table)
- `top`: The number of top bowlers to be included in the result

Examples

```r
## Not run:
# Get all matches between India and Australia
matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")

teamBowlersWicketsRunsOppnAllMatches(matches,"India","Australia")
m <- teamBowlersWicketsRunsOppnAllMatches(matches,"Australia","India",plot=FALSE)

## End(Not run)
```
teamBowlersWicketsOppnAllMatches

Value

None or dataframe The return depends on the value of the plot

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenAllOppnAllMatchesRept
teamBowlersWicketRunsOppnAllMatches

Examples

## Not run:
# Get all matches between India and Australia
matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")

#Display top 20
teamBowlersWicketsOppnAllMatches(matches,"India","Australia")
#Display and plot top 10
teamBowlersWicketsOppnAllMatches(matches,"Australia","India",top=10)

#Do not plot but return as dataframe
teamBowlersWicketsOppnAllMatches(matches,"India","Australia",plot=FALSE)

## End(Not run)
teamBowlingPerfDetails

*get team bowling performance details*

**Description**

This function computes performance of bowlers of a team.

**Usage**

```r
teamBowlingPerfDetails(match, theTeam, includeInfo = FALSE)
```

**Arguments**

- `match`: The data frame of all match
- `theTeam`: The team for which the performance is required
- `includeInfo`: If true details like venue, winner, result etc are included

**Value**

- `dataframe`: The dataframe of bowling performance

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `teamBatsmenPartnershipAllOppnAllMatches`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBowlersVsBatsmenAllOppnAllMatchesRept`
- `teamBowlersWicketRunsOppnAllMatches`
teamBowlingPerfOppnAllMatches

team bowling performance all matches against an opposition

Description

This function computes returns the bowling dataframe of bowlers deliveries, maidens, overs, wickets against an opposition in all matches

Usage

```r
teamBowlingPerfOppnAllMatches(matches,main,opposition)
```

Arguments

- `matches`: The matches of the team against an opposition.
- `main`: Team for which bowling performance is required
- `opposition`: The opposition Team

Value

A data frame with the bowling performance

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

Examples

```r
## Not run:
# Get all matches between India and Australia
match <- getMatchDetails("England","Pakistan","2006-09-05",dir="..\temp")
teamBowlingPerf(match,"India",includeInfo=TRUE)

## End(Not run)
```
See Also

    teamBowlersWicketsOppnAllMatches
    teamBowlersWicketRunsOppnAllMatches
    teamBowlersWicketKindOppnAllMatches

Examples

```r
## Not run:
# Get all matches between India and Australia
matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")

# Or load directly from saved file
# load("India-Australia-allMatches.RData")

teamBowlingPerfOppnAllMatches(matches,"India","Australia")
teamBowlingPerfOppnAllMatches(matches,main="Australia",opposition="India")

## End(Not run)
```

Description

This function computes returns the bowling dataframe of bowlers deliveries, maidens, overs, wickets against all oppositions in all matches.

Usage

    teamBowlingScorecardAllOppnAllMatches(matches,theTeam)

Arguments

    matches The matches of the team against all oppositions and all matches
    theTeam Team for which bowling performance is required

Value

A data frame with the bowling performance in all matches against all oppositions

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
Description

This function computes returns the bowling dataframe of best bowlers deliveries, maidens, overs, wickets against all oppositions in all matches

Usage

teamBowlingScorecardAllOppnAllMatchesMain(matches,theTeam)
Arguments

matches The matches of the team against all oppositions and all matches
theTeam Team for which bowling performance is required

Value

A data frame with the bowling performance in all matches against all oppositions

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlingScorecardAllOppnAllMatches
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

## Not run:
# Get all matches between India and other opposition
matches <- getAllMatchesAllOpposition("India",dir="../data/",save=TRUE)

# Or load directly from saved file
# load("allMatchesAllOpposition-India.RData")

# Top opposition bowlers of India
teamBowlingScorecardAllOppnAllMatchesMain(matches,"India")

## End(Not run)
teamBowlingScorecardMatch

Compute and return the bowling scorecard of a team in a match

Description

This function computes and returns the bowling scorecard of a team in a match

Usage

teamBowlingScorecardMatch(match,theTeam)

Arguments

match  The match between the teams
theTeam Team for which bowling performance is required

Value

A data frame with the bowling performance in all matches against all oppositions

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlingWicketMatch
teamBowlersVsBatsmenMatch
teamBattingScorecardMatch
Examples

```r
## Not run:
#Get all matches between India and other opposition
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

teamBowlingScorecardMatch(a,'England')

## End(Not run)
```

Description

This function computes returns kind of wickets (caught, bowled etc) of bowlers in all matches against all oppositions. The user can chose to plot or return a data frame.

Usage

```r
teamBowlingWicketKindAllOppnAllMatches(matches,t1,t2="All",plot=1)
```

Arguments

- **matches**: The matches of the team against all oppositions and all matches
- **t1**: Team for which bowling performance is required
- **t2**: t2=All gives the performance of the team against all opponents. Giving a opposing team (Australia, India ) will give the performance against this team
- **plot**: plot=1 (static),plot=2(interactive),plot=3(table)

Value

None or data frame A data frame with the bowling performance in all matches against all oppositions

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
teamBowlingWicketKindMatch

Compute and plot the wicket kinds by bowlers in match

Description
This function computes returns kind of wickets (caught, bowled etc) of bowlers in a match between 2 teams

Usage
teamBowlingWicketKindMatch(match, theTeam, opposition, plot=1)

Arguments
match The match between the teams
theTeam Team for which bowling performance is required
opposition The opposition team
plot plot=1 (static), plot=2 (interactive), plot=3 (table)

Value
None or data frame A data frame with the bowling performance in all matches against all oppositions
Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
- teamBowlingWicketMatch
- teamBowlingWicketRunsMatch
- teamBowlersVsBatsmenMatch

Examples
```r
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

teambowlingWicketKindMatch(a,"England","Pakistan",plot=FALSE)
teambowlingWicketKindMatch(a,"Pakistan","England")

## End(Not run)
```

---

**teamBowlingWicketMatch**

*Compute and plot wickets by bowlers in match*

Description
This function computes and returns the wickets taken by bowlers in a match between 2 teams.

Usage
```r
teamBowlingWicketMatch(match, theTeam, opposition, plot=1)
```
teamBowlingWicketMatch

Arguments

- **match**: The match between the teams
- **theTeam**: Team for which bowling performance is required
- **opposition**: The opposition team
- **plot**: plot=1 (static), plot=2 (interactive), plot=3 (table)

Value

None or data frame A data frame with the bowling performance in all matches against all oppositions

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also

- teamBowlingWicketMatch
- teamBowlingWicketRunsMatch
- teamBowlersVsBatsmenMatch

Examples

```r
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

teamBowlingWicketMatch(a,"England","Pakistan",plot=FALSE)

## End(Not run)
```
teamBowlingWicketRunsAllOppnAllMatches

Team bowling wicket runs all matches against all oppositions

Description

This function computes the number of wickets and runs conceded by bowlers in all matches against all oppositions. The user can chose to plot or return a data frame

Usage

teamBowlingWicketRunsAllOppnAllMatches(matches,t1,t2="All",plot=1)

Arguments

matches The matches of the team against all oppositions and all matches
t1 Team for which bowling performance is required
t2 t2=All gives the performance of the team against all opponents. Giving a opposing team (Australia, India ) will give the performance against this team
plot plot=1 (static),plot=2(interactive),plot=3(table)

Value

None or data fame A data frame with the bowling performance in alll matches against all oppositions

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot
teamBowlingWicketRunsMatch

Team bowling wickets runs conceded in match

Description
This function computes returns the wickets taken and runs conceded bowlers in a match between 2 teams. The user can choose to plot or return a dataframe

Usage

```r
teamBowlingWicketRunsMatch(match, theTeam, opposition, plot=1)
```

Arguments

- `match`: The match between the teams
- `theTeam`: Team for which bowling performance is required
- `opposition`: The opposition team
- `plot`: plot=1 (static), plot=2 (interactive), plot=3 (table)

Value
None or data fame A data frame with the bowling performance in all matches against all oppositions

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh
References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlingWicketMatch
teamBowlingWicketRunsMatch
teamBowlersVsBatsmenMatch

Examples

## Not run:
#Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

teamBowlingWicketRunsMatch(a,"England","Pakistan",plot=FALSE)
teamBowlingWicketRunsMatch(a,"Pakistan","England")

## End(Not run)

teamERAcrossOvers  
Compute the ER in powerplay, middle and death overs

Description

This function plots the runs in in powerplay, middle and death overs

Usage

teamERAcrossOvers(match,t1,t2,plot=1)

Arguments

match   The dataframe of the match


t2   the 2nd team in the match


plot   Plot=1 (static), Plot=2(interactive)

Value

none
teamERAcrossOversAllOppnAllMatches

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:
# Plot the match worm plot
teamERAcrossOvers(match,'England','Pakistan')
## End(Not run)

teamERAcrossOversAllOppnAllMatches
Compute the ER by team against all team in powerplay, middle and
deadth overs in all matches

Description
This function plots the ER by team against all team in in powerplay, middle and death overs

Usage
teamERAcrossOversAllOppnAllMatches(matches,t1,plot=1)

Arguments
matches The dataframe of the matches
t1 The 1st team of the match
plot Plot=1 (static), Plot=2(interactive)
teamERAcrossOversOppnAllMatches

Value
none

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:
# Plot the match worm plot
teamERAcrossOversAllOppnAllMatches(matches, 'England', 'Pakistan')

## End(Not run)

teamERAcrossOversOppnAllMatches
Compute the ER by team against team in powerplay, middle and death overs in all matches

Description
This function plots the ER by team against team in powerplay, middle and death overs

Usage
teamERAcrossOversOppnAllMatches(matches, t1, t2, plot=1)
teamERAcrossOversOppnAllMatches

Arguments

matches The dataframe of the matches
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot tne match worm plot
teamERAcrossOversOppnAllMatches(matches,'England','Pakistan')

## End(Not run)
teamRunsAcrossOvers  
*Compute the runs in powerplay, middle and death overs*

**Description**

This function plots the runs in in powerplay, middle and death overs

**Usage**

`teamRunsAcrossOvers(match,t1,t2,plot=1)`

**Arguments**

- `match`  
The dataframe of the match
- `t1`  
The 1st team of the match
- `t2`  
The 2nd team in the match
- `plot`  
Plot=1 (static), Plot=2 (interactive)

**Value**

none

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

[https://cricsheet.org/](https://cricsheet.org/)
[https://gigadom.in/](https://gigadom.in/)
[https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

- `getBatsmanDetails`
- `getBowlerWicketDetails`
- `batsmanDismissals`
- `getTeamBattingDetails`
## teamRunsAcrossOversAllOppnAllMatches

**Description**

This function plots the runs by team against all teams in powerplay, middle and death overs.

**Usage**

```r
teamRunsAcrossOversAllOppnAllMatches(matches, t1, plot = 1)
```

**Arguments**

- `matches`: The dataframe of the matches.
- `t1`: The team for which the runs is required.
- `plot`: Plot = 1 (static), Plot = 2 (interactive).

**Value**

none

**Note**

Maintainer: Tinniam V Ganesh  
`tvganesh.85@gmail.com`

**Author(s)**

Tinniam V Ganesh

**References**

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot the match worm plot
teamRunsAcrossOversOppnAllMatches(matches,'England')

## End(Not run)

teamRunsAcrossOversOppnAllMatches

*Compute the runs by team against team in powerplay, middle and death overs*

Description

This function plots the runs by team against team in powerplay, middle and death overs

Usage

teamRunsAcrossOversOppnAllMatches(matches,t1,t2,plot=1)

Arguments

matches The dataframe of the matches
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamRunSRDeathOversPlotAllOppnAllMatches

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

```r
## Not run:

# Plot the match worm plot
teamRunsAcrossOversOppnAllMatches(matches,'England','Pakistan')

## End(Not run)
```

description

This function computes and plots runs vs SR in death overs of a team in all matches against all oppositions.

Usage

```r
teamRunSRDeathOversPlotAllOppnAllMatches(matches,t1,plot=1)
```

Arguments

matches All matches of the team in all matches with all oppositions
t1 The team for which the batting partnerships are sought
plot Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
teamRunSRDeathOversPlotMatch

Team batting plots runs vs SR in death overs for team in match

Description

This function computes and plots runs vs SR in death overs of a team in match against opposition.

Usage

teamRunSRDeathOversPlotMatch(match, t1, t2, plot=1)

Arguments

match        Match
 t1           The team
 t2           The opposition team
 plot         Plot=1 (static), Plot=2(interactive)
Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

## Not run:

# Top batsman is displayed in descending order of runs
teamRunSRDeathOversPlotMatch(match, t1="India", t2="England")

## End(Not run)

teamRunSRDeathOversPlotOppnAllMatches

Team batting plots runs vs SR in death overs for team against opposition in all matches

Description

This function computes and plots runs vs SR in middle overs of a team in all matches against opposition.

Usage

teamRunSRDeathOversPlotOppnAllMatches(matches, t1, t2, plot=1)
teamRunsSRMiddleOversPlotAllOppnAllMatches

Arguments

matches All matches of the team in all matches with all oppositions
t1 The team
t2 The opposition team
plot Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

## Not run:

# Top batsman is displayed in descending order of runs
teamRunSRDeathOversPlotOppnAllMatches(matches,t1="India",t2="England")

## End(Not run)

---

This function computes and plots runs vs SR in middle overs of a team in all matches against all oppositions.
teamRunsSRMiddleOversPlotAllOppnAllMatches

Usage

teamRunsSRMiddleOversPlotAllOppnAllMatches(matches, t1, plot=1)

Arguments

matches       All matches of the team in all matches with all oppositions
            t1             The team for which the batting partnerships are sought
            plot         Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRMiddleOversPlotAllOppnAllMatches(matches, t1, plot=1)

## End(Not run)
teamRunsSRPlotAllOppnAllMatches

*Team batting plots runs vs SR for team against all oppositions in all matches*

**Description**

This function computes and plots runs vs SR of a team in all matches against all oppositions.

**Usage**

```
teamRunsSRPlotAllOppnAllMatches(matches, theTeam, plot=1)
```

**Arguments**

- `matches`: All matches of the team in all matches with all oppositions
- `theTeam`: The team for which the batting partnerships are sought
- `plot`: Plot=1 (static), Plot=2 (interactive)

**Value**

details: The data frame of the scorecard of the team in all matches against all oppositions

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

**See Also**

- teamBatsmenVsBowlersAllOppnAllMatchesPlot
- teamBatsmenPartnershipOppnAllMatchesChart
- teamBatsmenPartnershipAllOppnAllMatchesPlot
- teamBowlingWicketRunsAllOppnAllMatches
## teamRunsSRPlotMatch

### Team Runs vs SR in match

This function computes and plots the Runs vs SR of a team in matches.

#### Usage

```r
teamRunsSRPlotMatch(match, theTeam, opposition, plot=1)
```

#### Arguments

- `match`: All matches of the team in all matches with all oppositions
- `theTeam`: The team for which the batting partnerships are sought
- `opposition`: The opposition team
- `plot`: plot=1 (static), plot=2 (interactive)

#### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

#### Author(s)

Tinniam V Ganesh

#### References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

### Examples

```r
## Not run:
# Get all matches between India with all oppositions
matches <- getAllMatchesAllOpposition("India", dir="../data/", save=TRUE)

# This can also be loaded from saved file
# load("allMatchesAllOpposition-India.RData")

# Top batsman is displayed in descending order of runs
teamRunsSRPlotAllOppnAllMatches(matches, theTeam="India")

# The best England players scorecard against India is shown
teamRunsSRPlotAllOppnAllMatches(matches, theTeam="England", plot=1)

## End(Not run)
```
teamRunsSRPlotOppnAllMatches

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPlotMatch(matches, theTeam="India", opposition="England")

## End(Not run)

teamRunsSRPlotOppnAllMatches

Team batting Runs vs SR against oppositions in all matches

Description

This function computes and plots the Runs vs SR of a team in all matches against an opposition.

Usage

teamRunsSRPlotOppnAllMatches(matches, t1, t2, plot=1)

Arguments

matches All matches of the team in all matches with opposition
t1 The team t
t2 The opposition team
plot Plot=1 (static), Plot=2(interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamRunsSRPMiddleOversPlotMatch

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

```r
## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPlotOppnAllMatches(matches, theTeam="India")

# The best England players scorecard against India is shown
teamRunsSRPlotOppnAllMatches(matches, theTeam="England")

## End(Not run)
```

---

**teamRunsSRPMiddleOversPlotMatch**

*Team batting plots runs vs SR in middle overs for team in match*

**Description**

This function computes and plots runs vs SR in middle overs of a team in match against opposition.

**Usage**

```r
teamRunsSRPMiddleOversPlotMatch(match, t1, t2, plot=1)
```

**Arguments**

- `match` : Match
- `t1` : The team
- `t2` : The opposition team
- `plot` : Plot=1 (static), Plot=2(interactive)

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
teamRunsSRPMiddleOversPlotOppnAllMatches

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples
## Not run:

```r
# Top batsman is displayed in descending order of runs
teamRunsSRPMiddleOversPlotMatch(match, t1="India", t2="England")

## End(Not run)
```

Description
This function computes and plots runs vs SR in middle overs of a team in all matches against opposition.

Usage
```
teamRunsSRPMiddleOversPlotOppnAllMatches(matches, t1, t2, plot=1)
```

Arguments
- **matches**: All matches of the team in all matches with all oppositions
- **t1**: The team
- **t2**: The opposition team
- **plot**: Plot=1 (static), Plot=2(interactive)
teamRunsSRPowerPlayPlotAllOppnAllMatches

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

```r
## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPMiddleOversPlotOppnAllMatches(matches,t1="India",t2="England")

## End(Not run)
```

Description

This function computes and plots runs vs SR in power play of a team in all matches against all oppositions.

Usage

`teamRunsSRPowerPlayPlotAllOppnAllMatches(matches,t1,plot=1)`
teamRunsSRPowerPlayPlotMatch

**Description**

This function computes and plots runs vs SR in power play of a team in match against opposition.

**Usage**

```r
teamRunsSRPowerPlayPlotMatch(match, t1, t2, plot=1)
```

**Arguments**

- `matches`: All matches of the team in all matches with all oppositions
- `t1`: The team for which the batting partnerships are sought
- `plot`: Plot=1 (static), Plot=2 (interactive)

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

**See Also**

- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBowlingWicketRunsAllOppnAllMatches`

**Examples**

```r
## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPowerPlayPlotAllOppnAllMatches(matches, t1, plot=1)

teamRunsSRPowerPlayPlotMatch

Team batting plots runs vs SR in powerplay for team in match
```

```r
## End(Not run)
```
Arguments

match    Match
  t1      The team
  t2      The opposition team
  plot    Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBowlingWicketRunsAllOppnAllMatches

Examples

## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPowerPlayPlotMatch(match, t1="India", t2="England")

## End(Not run)
teamRunsSRPowerPlayPlotOppnAllMatches

Usage

```r
teamRunsSRPowerPlayPlotOppnAllMatches(matches, t1, t2, plot=1)
```

Arguments

- `matches`: All matches of the team in all matches with all oppositions
- `t1`: The team
- `t2`: The opposition team
- `plot`: Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBowlingWicketRunsAllOppnAllMatches`

Examples

```r
## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPowerPlayPlotOppnAllMatches(matches, t1="India")
```
teamSRAcrossOvers

Compute the Strike Rate in powerplay, middle and death overs

Description

This function plots strike rate scored in powerplay, middle and death overs

Usage

teamSRAcrossOvers(match,t1,t2,plot=1)

Arguments

match The dataframe of the match
t1 The 1st team of the match
t2 the 2nd team in the matchplot Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails
teamSRAcrossOversAllOppnAllMatches

Examples

## Not run:

# Plot the match worm plot
teamSRAcrossOvers(match,'England','Pakistan')

## End(Not run)

teamSRAcrossOversAllOppnAllMatches

*Compute the strike rate by team against all team in powerplay, middle and death overs in all matches*

Description

This function plots the SR by team against all team in powerplay, middle and death overs.

Usage

teamSRAcrossOversAllOppnAllMatches(matches,t1,plot=1)

Arguments

matches The dataframe of the matches
t1 The team of the matches
plot Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/
teamSRAcrossOversOppnAllMatches

See Also
- getBatsmanDetails
- getBowlerWicketDetails
- batsmanDismissals
- getTeamBattingDetails

Examples

```r
## Not run:
# Plot tne match worm plot
teamSRAcrossOversAllOppnAllMatches(matches,"Pakistan")
## End(Not run)
```

teamSRAcrossOversOppnAllMatches

_Compute the strike rate by team against team in powerplay, middle and death overs in all matches_

Description

This function plots the SR by team against team in powerplay, middle and death overs.

Usage

```r
teamSRAcrossOversOppnAllMatches(matches,t1,t2,plot=1)
```

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>matches</td>
<td>The dataframe of the matches</td>
</tr>
<tr>
<td>t1</td>
<td>The 1st team of the match</td>
</tr>
<tr>
<td>t2</td>
<td>the 2nd team in the match</td>
</tr>
<tr>
<td>plot</td>
<td>Plot=1 (static), Plot=2(Interactive)</td>
</tr>
</tbody>
</table>

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamWicketERDeathOversPlotOppnAllMatches

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot the match worm plot
teamSRAcrossOversOppnAllMatches(matches,'England','Pakistan')

## End(Not run)

teamWicketERDeathOversPlotOppnAllMatches

Team wickets vs ER in death overs against opposition all matches

Description

This function computes wickets vs ER in death overs against oppositions in all matches

Usage

teamWicketERDeathOversPlotOppnAllMatches(matches,t1,t2,plot=1)

Arguments

matches The matches of the team against all oppositions and all matches
t1 Team for which bowling performance is required
t2 Opposition Team
plot Plot=1 (static), Plot=2(interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamWicketERMiddleOversPlotAllOppnAllMatches

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

```r
## Not run:
teamWicketERDeathOversPlotOppnAllMatches(matches,t1,t2,plot=1)

## End(Not run)
```

---

teamWicketERMiddleOversPlotAllOppnAllMatches

*Team wickets vs ER in middle overs against all opposition all matches*

Description

This function computes wickets vs ER in middle overs against all oppositions in all matches

Usage

```r
teamWicketERMiddleOversPlotAllOppnAllMatches(matches,t1, plot=1)
```

Arguments

- `matches`: The matches of the team against all oppositions and all matches
- `t1`: Team for which bowling performance is required
- `plot`: Plot=1 (static), Plot=2(interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamWicketERMiddleOversPlotOppnAllMatches

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

```r
## Not run:
teamWicketERMiddleOversPlotAllOppnAllMatches(matches, t1, plot=1)
## End(Not run)
```

teamWicketERMiddleOversPlotOppnAllMatches

*Team wickets vs ER in middle overs against a pposition all matches*

Description

This function computes wickets vs ER in middle overs against all oppositions in all matches

Usage

```r
teamWicketERMiddleOversPlotOppnAllMatches(matches, t1, t2, plot=1)
```

Arguments

- `matches`: The matches of the team against all oppositions and all matches
- `t1`: Team for which bowling performance is required
- `t2`: Opposition Team
- `plot`: Plot=1 (static), Plot=2(interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
teamWicketERPowerPlayPlotOppnAllMatches

Description

This function computes wickets vs ER in powerplay against oppositions in all matches

Usage

teamWicketERPowerPlayPlotOppnAllMatches(matches, t1, t2, plot=1)

Arguments

matches        The matches of the team against all oppositions and all matches
               t1               Team for which bowling performance is required
               t2               Opposition Team
plot           Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

## Not run:
teamWicketERMiddleOversPlotOppnAllMatches(matches, t1, t2, plot=1)

## End(Not run)
teamWicketsAcrossOvers

Compute the wickets in powerplay, middle and death overs

Description
This function plots wickets scored in powerplay, middle and death overs

Usage
teamWicketsAcrossOvers(match,t1,t2,plot=1)

Arguments

match The dataframe of the match
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2(interactive)

Value
none

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

## Not run:
teamWicketERPowerPlayPlotOppnAllMatches(matches,t1,t2,plot=1)

## End(Not run)
teamWicketsAcrossOversAllOppnAllMatches

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:

```r
# Plot the match worm plot
teamWicketsAcrossOvers(match,'England','Pakistan')

## End(Not run)
```

teamWicketsAcrossOversAllOppnAllMatches
Compute the wickets by team against all team in powerplay, middle and death overs in all matches

Description
This function plots the wickets by team against all team in powerplay, middle and death overs

Usage

```r
teamWicketsAcrossOversAllOppnAllMatches(matches,t1,plot=1)
```

Arguments

- `matches`: The dataframe of the matches
- `t1`: The 1st team of the match
- `plot`: Plot=1 (static), Plot=2(interactive)

Value

none

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>
teamWicketsAcrossOversOppnAllMatches

Description

This function plots the wickets by team against team in powerplay, middle and death overs in all matches.

Usage

teamWicketsAcrossOversOppnAllMatches(matches,t1,t2,plot=1)

Arguments

matches The dataframe of the matches
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2(interactive)
Value
none

Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:

```r
# Plot the match worm plot
teamWicketsAcrossOversOppnAllMatches.R(matches,'England','Pakistan')
## End(Not run)
```

---

### teamWicketsERDeathOversPlotAllOppnAllMatches

_Team wickets vs ER in death overs against all opposition all matches_

Description
This function computes wickets vs ER in death overs against all oppositions in all matches

Usage

```r
teamWicketsERDeathOversPlotAllOppnAllMatches(matches, t1, plot=1)
```
teamWicketsERDeathOversPlotMatch

**teamWicketsERDeathOversPlotMatch**

**Arguments**

- **matches**
  The matches of the team against all oppositions and all matches

- **t1**
  Team for which bowling performance is required

- **plot**
  Plot=1 (static), Plot=2(interactive)

**Note**

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

**Author(s)**

Tinniam V Ganesh

**References**

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

**See Also**

- teamBowlersVsBatsmenAllOppnAllMatchesMain
- teamBowlersVsBatsmenAllOppnAllMatchesPlot

**Examples**

```r
## Not run:
teamWicketsERDeathOversPlotAllOppnAllMatches(matches, t1, plot=1)

## End(Not run)
```

**teamWicketsERDeathOversPlotMatch**

*Team wickets vs ER in death overs against opposition in match*

**Description**

This function computes wickets vs ER in death overs against oppositions in match

**Usage**

```r
teamWicketsERDeathOversPlotMatch(match, t1, t2, plot=1)
```
Arguments

- match: The match of the team against opposition
- t1: Team for which bowling performance is required
- t2: Opposition Team
- plot: Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

- teamBowlersVsBatsmenAllOppnAllMatchesMain
- teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

```r
## Not run:
teamWicketsERDeathOversPlotMatch(match, t1, t2, plot=1)

## End(Not run)
```

teamWicketsERMiddleOversPlotMatch

Team wickets vs ER in middle overs against opposition in match

Description

This function computes wickets vs ER in middle overs against oppositions in all match

Usage

```r
teamWicketsERMiddleOversPlotMatch(match, t1, t2, plot=1)
```
Arguments

match  The match of the team against opposition

\( t_1 \)  Team for which bowling performance is required

\( t_2 \)  Opposition Team

\( \text{plot} \)  Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain

\[ \text{teamBowlersVsBatsmenAllOppnAllMatchesPlot} \]

Examples

```r
## Not run:
teamWicketsERMiddleOversPlotMatch(match, t1, t2, plot=1)

## End(Not run)
```

Description

This function computes wickets vs ER against all oppositions in all matches

Usage

\[ \text{teamWicketsERPlotAllOppnAllMatches}(\text{matches}, \text{theTeam}, \text{plot}=1) \]
teamWicketsERPlotMatch

Arguments

matches The matches of the team against all oppositions and all matches
theTeam Team for which bowling performance is required
plot Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

## Not run:
wicketsERAllOppnAllMatches

## End(Not run)

teamWicketsERPlotMatch

Team wickets vs ER against in match

Description

This function computes wickets vs ER in match

Usage

teamWicketsERPlotMatch(match, t1, t2, plot = 1)
teamWicketsERPlotOppnAllMatches

Description

This function computes wickets vs ER against all oppositions in all matches

Usage

teamWicketsERPlotOppnAllMatches(matches,t1,t2,plot=1)
Arguments

- matches: The matches of the team against all oppositions and all matches
- t1: The 1st team of the match
- t2: The 2nd team in the match
- plot: Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- https://cricsheet.org/
- https://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also

- teamBowlersVsBatsmenAllOppnAllMatchesMain
- teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

```r
## Not run:
teamWicketsERPlotOppnAllMatches(matches, t1, t2, plot=1)

## End(Not run)
```

Description

This function computes wickets vs ER in powerplay against all oppositions in all matches

Usage

```r
teamWicketsERPowerPlayPlotAllOppnAllMatches(matches, t1, plot=1)
```
Arguments

matches  The matches of the team against all oppositions and all matches
t1  Team for which bowling performance is required
plot  Plot=1 (static), Plot=2(interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

`teamBowlersVsBatsmenAllOppnAllMatchesMain`
`teamBowlersVsBatsmenAllOppnAllMatchesPlot`

Examples

```r
## Not run:
teamWicketsERPowerPlayPlotAllOppnAllMatches(matches, t1, plot=1)
## End(Not run)
```

```
teamWicketsERPowerPlayPlotMatch

Team wickets vs ER in powerplay against opposition in match
```

Description

This function computes wickets vs ER in powerplay against oppositions in match

Usage

`teamWicketsERPowerPlayPlotMatch(match, t1, t2, plot=1)`
Arguments

- **match**: The match of the team against opposition
- **t1**: Team for which bowling performance is required
- **t2**: Opposition Team
- **plot**: Plot=1 (static), Plot=2 (interactive)

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

```r
## Not run:
teamWicketsERPowerPlayPlotMatch(match,t1,t2,plot=1)
## End(Not run)
```
Arguments

matches The dataframe of the matches
t1 The 1st team of the match

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

topERBowlerAcrossOversOppnAllMatches(matches,'England')

## End(Not run)

---

topERBowlerAcrossOversOppnAllMatches

Compute the best ER by bowlers against team in powerplay, middle and death overs

Description

This function computes the best ER by bowlers against team in powerplay, middle and death overs
Usage

topERBowlerAcrossOversOppnAllMatches(matches, t1)

Arguments

matches The dataframe of the matches
t1 The 1st team of the match

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

topERBowlerAcrossOversOppnAllMatches.R(matches, 'England')

## End(Not run)
topRunsBatsmenAcrossOversAllOppnAllMatches

Compute the most runs scored by batsmen against all team in power-play, middle and death overs

Description

This function computes the most runs by batsman against all team in in powerplay, middle and death overs

Usage

topRunsBatsmenAcrossOversAllOppnAllMatches(matches,t1,plot=1)

Arguments

matches The dataframe of the matches

_t1_ The 1st team of the match

plot Plot=1 (static), Plot=2(interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails
### Examples

```r
## Not run:

# Plot the match worm plot
topRunsBatsmenAcrossOversOppnAllMatches(matches, 'England')

## End(Not run)
```

---

### Description

This function computes the most runs by batsman against team in powerplay, middle and death overs.

### Usage

```r
topRunsBatsmenAcrossOversOppnAllMatches(matches, t1, plot = 1)
```

### Arguments

- `matches`: The dataframe of the matches.
- `t1`: The 1st team of the match.
- `plot`: Plot = 1 (static), Plot = 2 (interactive).

### Value

none

### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

### Author(s)

Tinniam V Ganesh

### References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot the match worm plot
topRunsBatsmenAcrossOversOppnAllMatches(matches,'England')

## End(Not run)

topSRBatsmenAcrossOversAllOppnAllMatches

*Compute the highest SR by batsmen against all team in powerplay, middle and death overs*

Description

This function computes the highest SR by batsmen by batsman against all team in powerplay, middle and death overs

Usage

topSRBatsmenAcrossOversAllOppnAllMatches(matches,t1)

Arguments

matches The dataframe of the matches
t1 The team of the match

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh
topSRBatsmenAcrossOversOppnAllMatches

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot the match worm plot
topSRBatsmenAcrossOversOppnAllMatches(matches,'England')

## End(Not run)

topSRBatsmenAcrossOversOppnAllMatches

Compute the highest SR by batsmen against team in powerplay, middle and death overs

Description

This function computes the highest SR by batsmen by batsman against team in powerplay, middle and death overs

Usage

topSRBatsmenAcrossOversOppnAllMatches(matches,t1,plot=1)

Arguments

matches The dataframe of the matches
t1 The 1st team of the match
plot Plot=1 (static), Plot=2(interactive)

Value

none
Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
```r
## Not run:
# Plot tne match worm plot
topSRBatsmenAcrossOversOppnAllMatches(matches, 'England')
## End(Not run)
```

Description
This function computes the highest wickets by bowlers against all team in powerplay, middle and death overs

Usage
topWicketsBowlerAcrossOversAllOppnAllMatches(matches, t1)

Arguments
- `matches`: The dataframe of the matches
- `t1`: The 1st team of the match
Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot the match worm plot
topWicketsBowlerAcrossOversOppnAllMatches(matches,'England')

## End(Not run)

topWicketsBowlerAcrossOversOppnAllMatches

*Compute the best ER by bowlers against team in powerplay, middle and death overs*

Description

This function computes the highest wickets by bowlers against team in powerplay, middle and death overs

Usage

topWicketsBowlerAcrossOversOppnAllMatches(matches,t1,plot=1)
Arguments

matches The dataframe of the matches
t1 The 1st team of the match
plot Plot=1 (static), Plot=2 (interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:

# Plot the match worm plot
topWicketsBowlerAcrossOversOppnAllMatches(matches,’England’)
Plot the win probability using Deep Learning model

Description

This function plots the win probability of the teams in a T20 match

Usage

winProbabilityDL(match, t1, t2, plot=1)

Arguments

match The dataframe of the match
t1 The 1st team of the match
t2 the 2nd team in the match
plot Plot=1 (static), Plot=2 (interactive)

Value

none

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails
Examples

```r
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
winProbabilityDL(a,'England','Pakistan')

## End(Not run)
```

`winProbabilityGAN`  
*Plot the win probability using GAN model*

Description

This function plots the win probability of the teams in a T20 match.

Usage

```r
winProbabilityGAN(match,t1,t2,plot=1)
```

Arguments

- `match`: The dataframe of the match
- `t1`: The 1st team of the match
- `t2`: The 2nd team in the match
- `plot`: Plot=1 (static), Plot=2 (interactive)

Value

`none`

Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)

Tinniam V Ganesh

References

- [https://cricsheet.org/](https://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)
### Description

This function plots the win probability of the teams in a T20 match.

#### Usage

```r
winProbabilityLR(match, t1, t2, plot = 1)
```

#### Arguments

- `match`: The dataframe of the match
- `t1`: The 1st team in the match
- `t2`: The 2nd team in the match
- `plot`: Plot = 1 (static), Plot = 2 (interactive)

#### Value

- `none`

#### Note

Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

#### Author(s)

Tinniam V Ganesh
References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
winProbabilityLR(a,England,"Pakistan")

## End(Not run)

---

### winProbabilityRF

Plot the win probability using Random Forest model

#### Description
This function plots the win probability of the teams in a T20 match

#### Usage

```
winProbabilityRF(match,t1,t2,plot=1)
```

#### Arguments

- `match`: The dataframe of the match
- `t1`: The 1st team of the match
- `t2`: The 2nd team in the match
- `plot`: Plot=1 (static), Plot=2 (interactive)

#### Value

none
Note
Maintainer: Tinniam V Ganesh <tvganesh.85@gmail.com>

Author(s)
Tinniam V Ganesh

References
https://cricsheet.org/
https://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also
getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples
## Not run:
# Get the match details
a <- getMatchDetails("England","Pakistan","2006-09-05",dir="../temp")

# Plot the match worm plot
winProbabilityRF(a,'England','Pakistan')

## End(Not run)
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