Package ‘yorkr’

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batsmanCumulativeAverageRuns

Description

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

Usage

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
## batsmanCumulativeStrikeRate

*Batsman’s cumulative average strike rate*

### Description

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

### Usage

```r
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)

### Value

None

### Note

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

**Disposal type of batsmen**

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<tr>
<td></td>
<td>This function computes and plots the type of dismissals of the batsman</td>
</tr>
</tbody>
</table>

### Usage

```r
batsmanDismissals(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>
batsmanFoursSixes

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

---

Batsman's total runs, fours and sixes

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
batsmanMovingAverage

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 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)
batsmanRunsAgainstOpposition

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

Examples

## 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/)

**See Also**

- `batsmanFoursSixes`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`
- `batsmanRunsPredict`
- `teamBatsmenPartnershipAllOppnAllMatches`

**Examples**

```r
## 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

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

See Also
batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
batsmanRunsPredict
teamBatsmenPartnershipAllOppnAllMatches
batsmanRunsVenue

Examples

```r
## 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

```r
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

```r
## 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

```r
batsmanRunsVsDeliveries(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>
batsmanRunsVsStrikeRate

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:
#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)
batsmanVsBowlerPerf

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

Examples

## 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

batsmanVsBowlerPerf(t20MDF,batsman1,bowler1)
**bowlerCumulativeAvgEconRate**

**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://gigadom.in/
https://github.com/tvganesh/yorkrData/

**See Also**

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

**Examples**

```r
## Not run:

batsmanVsBowlerPerf(t20MDF,batsman1,bowler1)

## 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  
nname         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 bowlerCumulativeAvgWickets batsmanCumulativeStrikeRate  
batsmanRunsVsStrikeRate batsmanRunsPredict

Examples

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

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

```r
bowlerMeanEconomyRate(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>
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

```r
## 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  Bowling'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

```r
bowlerMovingAverage(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

- 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)
```
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

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

See Also

- batsmanFoursSixes
- batsmanRunsVsDeliveries
- batsmanRunsVsStrikeRate

Examples

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

## End(Not run)```
bowlrwicketsAgainstOpposition

Bowler wickets versus different teams

Description

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

Usage

bowlrwicketsAgainstOpposition(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

bowlrmovingAverage
bowlrwicketsVenue
bowlrmeanRunsConceded
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)
```

### bowlerWicketsVenue

**Bowler performance at different venues**

#### Description

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

#### Usage

```r
bowlerWicketsVenue(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)
bowlerWicketsVenue(jadeja,"RA Jadeja",dateRange)

## 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=".")

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
## Not run:
# In the example below ../yamldir is the source dir for the yaml files
cvtColorsAllYaml2RDataframes("../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
convertYaml2RDataframe

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

Examples
## Not run:
# In the example below ../yamldir is the source dir for the yaml files
convertAllYaml2RDataframesT20("../yamldir","../data")

## End(Not run)

---

**convertYaml2RDataframe**

*Converts and save yaml files to dataframes*

Description

This function coverts 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

convertYaml2RDataframe(yamlFile,sourceDir=".",targetDir=".")
convertYaml2RDataframeT20

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://gigadom.in/
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 converts 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

```r
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

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`
- `convertAllYaml2RDataframesT20`

Examples

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

## End(Not run)
```
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

Value

match The combined data frame

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/
getAllMatchesBetweenTeams

See Also

bowlerMovingAverage
bowlerWicketsVenue
bowlerMeanRunsConceded

Examples

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

## End(Not run)

gGet 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
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

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>team</td>
<td>The team of the batsman e.g. India</td>
</tr>
<tr>
<td>name</td>
<td>Name of batsman</td>
</tr>
<tr>
<td>dir</td>
<td>The directory where the source file exists</td>
</tr>
</tbody>
</table>
getBBLBattingDetails

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

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='.',odir=".")

Arguments
dir  The input directory
odir  The output directory
getBBLBowlingDetails

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
getBBLBowlingDetails(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
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/
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
getCPLBowlingDetails

References

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

See Also

getBBLBattingDetails
getBBLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails

getcPLBowlingDetails  Gets the CPL bowling details

Description

This function creates a single dataframe of all CPL bowling

Usage

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://gigadom.in/
https://github.com/tvganesh/yorkrData/
getDeliveryWickets

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/
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/

Examples

## Not run:
# Create a data frame of deliveries to wickets from the stored .RData files
jadeja1 <- getDeliveryWickets(team="India", dir="../data", name="Jadeja", save=FALSE)

# Use this to create a classification tree of deliveries to wickets
bowlerWktsPredict(jadeja1, "RA Jadeja")

## End(Not run)
getIPLBowlingDetails

Get the IPL bowling details

Description
This function creates a single dataframe of all IPL bowling

Usage
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**

```r
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

### Description

This function creates a single dataframe of all NTB batting.

### Usage

```r
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://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](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
getNTBBowlingDetails
getODIBattingDetails  Gets the ODI batting details

Description

This function creates a single dataframe of all ODI batting

Usage

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

See Also

getBBLBattingDetails
getBBLBowlingDetails
getNTBBattingDetails
getNTBB BowlingDetails
getODIBowlingDetails

Description

This function creates a single dataframe of all ODI bowling

Usage

getODIBowlingDetails(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
getPSLBattingDetails  *Gets the PSL batting details*

**Description**

This function creates a single dataframe of all PSL batting

**Usage**

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

**See Also**

- `getBBLBattingDetails`
- `getBBLBowlingDetails`
- `getNTBBattingDetails`
- `getNTBBowlingDetails`
getPSLBowlingDetails

Description

This function creates a single datframe of all PSL bowling.

Usage

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://gigadom.in/
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
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://gigadom.in/
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://gigadom.in/
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`
- `getNTBBattingDetails`
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://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBowlingDetails
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

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>team</td>
<td>The team for which detailed bowling info is required</td>
</tr>
<tr>
<td>dir</td>
<td>The source directory of RData files obtained with convertAllYaml2RDataframes()</td>
</tr>
<tr>
<td>save</td>
<td>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</td>
</tr>
<tr>
<td>odir</td>
<td>The output directory</td>
</tr>
</tbody>
</table>

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/
getWBBBattingDetails

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

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

See Also

getIPLBattingDetails
getIPLBowlingDetails
getNTBBattingDetails
getNTBBowlingDetails
### helper

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

**See Also**

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

**Description**

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

**Usage**

```r
tfunction(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 <tvganesh85@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**

- `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://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

rankODIBowlers
rankODIBatsmen
rankT20Batsmen
rankT20Bowlers
matchWormGraph

Plot the match worm graph

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
1           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
matchWormGraph(a,'England','Pakistan')
```

## 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/)
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

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>

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)
```

```r
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>
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>
Overall Runs SR Powerplay Plot T20

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

```r
## End(Not run)
```

---

**overallRunsSRPowerplayPlotT20**

*Plot the Runs vs SR in power play of T20 batsmen*

Description

Runs vs SR in power play of T20 batsmen

Usage

```r
overallRunsSRPowerplayPlotT20(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>
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:
overallRunsSRPPowerplayPlotT20(dir=".", dateRange,type="IPL",plot=1)

### End(Not run)

overallWicketsERDeathOversPlotT20

_plot the Wickets vs ER in death overs of Intl. T20 batsmen_

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:
overallWicketsERDeathOversPlotT20(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

<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>
**overallWicketsERPlotT20**

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

---

**overallWicketsERPlotT20**

*Ranks the T20 bowlers*

**Description**

This function plots the overall wickets vs ER in T20 men

**Usage**

```r
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**
```r
## 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**

```r
overallWicketsERPowerPlayPlotT20(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>

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

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

## End(Not run)

---

## 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 team1 each team and the matches with no result

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>team1</td>
<td>The 1st team</td>
</tr>
<tr>
<td>team2</td>
<td>The 2nd team</td>
</tr>
<tr>
<td>dir</td>
<td>The source directory of the RData files</td>
</tr>
<tr>
<td>dateRange</td>
<td>Date Range</td>
</tr>
<tr>
<td>plot</td>
<td>plot=1 (static). plot=2 (interactive)</td>
</tr>
</tbody>
</table>
plotWinLossTeamVsAllTeams

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:

```r
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

```r
plotWinLossTeamVsAllTeams(team1=".",dateRange, plot=1)
```
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://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

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

Examples

```r
## 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**

```r
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://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](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 dataframe of all T20 batsmen and then ranks them.

**Usage**

```r
class.rankT20Batsmen = function(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://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

**See Also**

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

**Examples**

```r
## 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**
```
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**
```
## 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

<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 to store saved matches</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
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

saveAllMatchesAllOppositionBBLT20(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>

Author(s)

Tinniam V Ganesh

References

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

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
g.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

```r
## 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

```r
saveAllMatchesAllOppositionIPLT20(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

```r
## Not run:
saveAllMatchesAllOppositionNTBT20

## 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

```r
saveAllMatchesAllOppositionNTBT20(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)

---

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
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></th>
<th>dir</th>
<th>Input Directory</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<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)
```

---

saveAllMatchesAllOppositionWBBT20

_Saves matches against all WBB teams as dataframe for an WBB team_

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://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:
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

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

See Also

batsmanDismissals
batsmanRunsVsDeliveries
batsmanRunsVsStrikeRate
getAllMatchesAllOpposition
getAllMatchesBetweenTeams
saveAllMatchesBetween2CPLTeams

**Examples**

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

## End(Not run)
```

```r
cr
 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**

```r
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`
saveAllMatchesBetween2IPLTeams

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

See Also

- `batsmanDismissals`
- `batsmanRunsVsDeliveries`
- `batsmanRunsVsStrikeRate`
- `getAllMatchesAllOpposition`
- `getAllMatchesBetweenTeams`
Examples

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

saveAllMatchesBetween2NTBTeams

Saves all matches between 2 NTB teams as dataframe

Description

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

Usage

```r
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

Examples

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

## End(Not run)
```

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

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

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

## End(Not run)
```

Description

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

Usage

```r
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://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
saveAllT20BattingDetails

Examples

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

## End(Not run)
```

### 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

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

### See Also

- `rankODIBowlers`
- `rankODIBatsmen`
- `rankT20Bowlers`
saveAllT20BowlingDetails

Save all T20 bowling details

Description
This function creates a single dataframe of all T20 bowling details

Usage
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://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also
- rankODIBowlers
- rankODIBatsmen
- rankT20Bowlers
### 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://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

### See Also

- `rankODIBowlers`
- `rankODIBatsmen`
- `rankT20Bowlers`
specialProc

Examples

```r
## Not run:
saveAllT20MatchesAsDF(teamNames, dir=".", odir=".", type="IPL", save=TRUE)

## End(Not run)
```

---

**specialProc**  
*Used to parse yaml file*

---

**Description**

This is special processing function. This is an internal function and is used by convertAllYaml2RDataframes() & convertYaml2RDataframe()

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

See Also

getBatsmanDetails
getBowlerWicketDetails
batsmanDismissals
getTeamBattingDetails

Examples

```r
## Not run:
# Parse the yaml over

## End(Not run)
```

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

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 data frame which is a summary of the batsman with the highest partnerships or the partnership of an individual batsman.

Usage

\[
\text{teamBatsmenPartnershipAllOppnAllMatches}(\text{matches}, \text{theTeam}, \text{report} = \text{"summary"})
\]

Arguments

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

Usage

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

See Also
teamBatsmenVsBowlersAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenVsBowlersOppnAllMatches
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://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 <- 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)
```

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

```r
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

```
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**

```r
## 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**

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

**See Also**

- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBattingScorecardMatch`
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

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://gigadom.in/
https://github.com/tvganesh/yorkrData/
teamBattingPerfDetails

See Also

- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBatsmenVsBowlersOppnAllMatches`

Examples

```r
## Not run:
# Get all matches for team India against an opposition
matches <- getAllMatchesBetweenTeams("Australia","India",dir="../data")

# Get the performance of India batsman against Australia in all matches
teamBatsmenVsBowlersOppnAllMatches(a,"India","Australia")

# Display top 3
teamBatsmanVsBowlersOppnAllMatches(a,"Australia","India",top=3)

# Get top 10 and do not plot
n <- teamBatsmenVsBowlersOppnAllMatches(a,"Australia","India",top=10,plot=FALSE)

## End(Not run)
```

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

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)

---
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
teamBattingScorecardMatch

Team batting scorecard of a team in a match

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

Examples

## 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
teamBattingScorecardAllOppnAllMatches(matches,theTeam="India")

# The best England players scorecard against India is shown
teamBattingScorecardAllOppnAllMatches(matches,theTeam="England")

## End(Not run)
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")
teamBowlingScorecardMatch(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
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
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

bowlerDF The data frame of the bowler whose performance is required

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

```r
## 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

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 requires
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://gigadom.in/
https://github.com/tvganesh/yorkrData/

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot
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**

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

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

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

See Also
teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenOppnAllMatchesRept
teamBowlersVsBatsmenOppnAllMatchesPlot

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
teamBowlersVsBatsmanOppnAllMatches(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

Team bowlers wicket kind against an opposition in all matches

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

Usage

```r
teamBowlersWicketKindOppnAllMatches(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`: `# @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://cricsheet.org/)
- [https://gigadom.in/](https://gigadom.in/)
- [https://github.com/tvganesh/yorkrData/](https://github.com/tvganesh/yorkrData/)

See Also

- `teamBatsmenPartnershipAllOppnAllMatches`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBowlersVsBatsmenAllOppnAllMatchesRept`
- `teamBowlersVsBatsmenAllOppnAllMatchesPlot`
teamBowlersWicketRunsOppnAllMatches

Examples

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

# Team bowlers wicket runs against an opposition in all matches

# Example usage:
# teamBowlersWicketKindOppnAllMatches(m, "India", plot=TRUE)
m <- teamBowlersWicketKindOppnAllMatches(matches, "Australia", "India", plot=FALSE)

# End(Not run)
```

### Description

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

### Usage

```r
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

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

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)
top       The number of top bowlers to be included in the result

Examples

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

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

## End(Not run)
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 a

Usage

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

See Also

teamBatsmenPartnershipAllOppnAllMatches
teamBatsmenPartnershipAllOppnAllMatchesPlot
teamBatsmenPartnershipOppnAllMatchesChart
teamBowlersVsBatsmenAllOppnAllMatchesRept
teamBowlersWicketRunsOppnAllMatches
teamBowlingPerfOppnAllMatches

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)
```

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://gigadom.in/
https://github.com/tvganesh/yorkrData/
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>
teamBowlingScorecardAllOppnAllMatchesMain

Description

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

Usage

```r
teamBowlingScorecardAllOppnAllMatchesMain(matches, theTeam)
```
teamBowlingScorecardAllOppnAllMatchesMain

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

```r
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

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

See Also

- `teamBowlingWicketMatch`
- `teamBowlersVsBatsmenMatch`
- `teamBattingScorecardMatch`
teamBowlingWicketKindAllOppnAllMatches

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

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://gigadom.in/
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**

```r
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
teamBowlingWicketMatch

Description

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

Usage

teamBowlingWicketMatch(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")

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

## 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 choose to plot or return a data frame.

Usage

```r
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 an 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/)

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

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 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

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")

teamBowlingWicketRunsAllOppnAllMatches(matches, t1="India", t2="All", plot=TRUE)

m <- teamBowlingWicketRunsAllOppnAllMatches(matches, t1="India", t2="All", plot=FALSE)

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

Value

none

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)
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:

```r
# Plot the match worm plot
teamERAcrossOversAllOppnAllMatches(matches, t1, plot = 1)
```

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

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

teamERAcrossOversOppnAllMatches(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

```r

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 the 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://gigadom.in/
- https://github.com/tvganesh/yorkrData/

See Also
- getBatsmanDetails
- getBowlerWicketDetails
- batsmanDismissals
- getTeamBattingDetails
Examples

## Not run:

```r
# Plot the match worm plot
teamRunsAcrossOvers(match, 'England', 'Pakistan')
```

## End(Not run)

---

**teamRunsAcrossOversAllOppnAllMatches**

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

**Description**

This function plots the runs by team against all teams in 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/)
teamRunsAcrossOversOppnAllMatches

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

teamRunSRDeathOversPlotAllOppnAllMatches(matches, t1, plot=1)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>matches</td>
<td>All matches of the team in all matches with all oppositions</td>
</tr>
<tr>
<td>t1</td>
<td>The team for which the batting partnerships are sought</td>
</tr>
<tr>
<td>plot</td>
<td>Plot=1 (static), Plot=2 (interactive)</td>
</tr>
</tbody>
</table>

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
```r
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

$t_1$: The team

$t_2$: 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

```r
## Not run:

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

## End(Not run)
```

---

**teamRunsSRMiddleOversPlotAllOppnAllMatches**

*Team batting plots runs vs SR in middle overs for team against all oppositions in all matches*

Description

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

Usage

```r
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

```r
## 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**

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

**See Also**

- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBowlingWicketRunsAllOppnAllMatches`
teamRunsSRPlotMatch

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)
```

description

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 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/
See Also

- `teamBatsmenVsBowlersAllOppnAllMatchesPlot`
- `teamBatsmenPartnershipOppnAllMatchesChart`
- `teamBatsmenPartnershipAllOppnAllMatchesPlot`
- `teamBowlingWicketRunsAllOppnAllMatches`

Examples

```r
## Not run:

# Top batsman is displayed in descending order of runs
teamRunsSRPlotMatch(matches, theTeam="India", opposition="England")

## End(Not run)
```

---

Tinniam V Ganesh

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

```r
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

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 <tv ganesh.85@gmail.com>
teamRunsSRPMiddleOversPlotOppnAllMatches

Team batting plots runs vs SR in middle 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

```r
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
## Not run:

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

## End(Not run)

---

Team batting plots runs vs SR in powerplay for team against all oppositions in all matches

Description
This function computes and plots runs vs SR in power play of a team in all matches against all oppositions.

Usage

```r
teamRunsSRPowerPlayPlotAllOppnAllMatches(matches,t1,plot=1)
```
teamRunsSRPowerPlayPlotMatch

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
teamRunsSRPowerPlayPlotAllOppnAllMatches(matches,t1,plot=1)

## End(Not run)

---

teamRunsSRPowerPlayPlotMatch

*Team batting plots runs vs SR in powerplay for team in match*

Description

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

Usage

teamRunsSRPowerPlayPlotMatch(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

- [cricsheet.org](https://cricsheet.org/)
- [gigadom.in/](https://gigadom.in/)
- [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
teamRunsSRPowerPlayPlotMatch(match, t1="India", t2="England")

## End(Not run)
```

description

This function computes and plots runs vs SR in power play for a team against opposition in all matches.
**Usage**

`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://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
teamRunsSRPowerPlayPlotOppnAllMatches(matches, t1="India")

## End(Not run)
```
teamSRAcrossOvers

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

plot 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
teamSRAcrossOversAllOppnAllMatches

Examples

```r
## 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 in powerplay, middle and death overs

Usage

```r
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

## Not run:

# Plot the 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

teamSRAcrossOversOppnAllMatches(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
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

## 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

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

## Not run:
```r
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

References

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

See Also

teamBowlersVsBatsmenAllOppnAllMatchesMain
teamBowlersVsBatsmenAllOppnAllMatchesPlot

Examples

## Not run:

```r
teamWicketERMiddleOversPlotOppnAllMatches(matches,t1,t2,plot=1)
```

## End(Not run)

---

teamWicketERPowerPlayPlotOppnAllMatches

*Team wickets vs ER in powerplay against opposition all matches*

Description

This function computes wickets vs ER in powerplay against oppositions in all matches

Usage

```r
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
teamWicketsAcrossOvers

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)

---

**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
teamWicketsAcrossOversAllOppnAllMatches

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
teamWicketsAcrossOvers(match,'England','Pakistan')

## End(Not run)

---

teamWicketsAcrossOversAllOppnAllMatches

*Compute the wickets by team against all teams in powerplay, middle and death overs in all matches*

Description

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

Usage

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

```r
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)
teamWicketsERDeathOversPlotAllOppnAllMatches

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
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

teamWicketsERDeathOversPlotAllOppnAllMatches(matches,t1, plot=1)
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

## Not run:

```r
teamWicketsERDeathOversPlotAllOppnAllMatches(matches, t1, plot=1)
## End(Not run)
```

Description

This function computes wickets vs ER in death overs against oppositions in match

Usage

```r
teamWicketsERDeathOversPlotMatch(match, t1, t2, plot=1)
```
teamWicketsERMiddleOversPlotMatch

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

## 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

teamWicketsERMiddleOversPlotMatch(match, t1, t2, plot=1)
teamWicketsERPlotAllOppnAllMatches

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

## Not run:
teamWicketsERMiddleOversPlotMatch(match, t1, t2, plot=1)

## End(Not run)

teamWicketsERPlotAllOppnAllMatches

Team wickets vs ER against all opposition all matches

Description

This function computes wickets vs ER against all oppositions in all matches

Usage

teamWicketsERPlotAllOppnAllMatches(matches, theTeam, 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**

```r
## Not run:
wicketsERAllOppnAllMatches

## End(Not run)
```

---

**teamWicketsERPlotMatch**

*Team wickets vs ER against in match*

**Description**

This function computes wickets vs ER in match

**Usage**

```r
teamWicketsERPlotMatch(match,t1,t2,plot=1)
```
Arguments

match The match of the team against opposition
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

teamBowlersVsBatsmenAllOppnAllMatches

Examples

## Not run:

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

## End(Not run)

```

```

Description

This function computes wickets vs ER against all oppositions in all matches

Usage

```r
teamWicketsERPlotOppnAllMatches(matches, t1, t2, plot=1)
```
teamWicketsERPowerPlayPlotAllOppnAllMatches

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

## Not run:
```
teamWicketsERPlotOppnAllMatches(matches, t1, t2, plot=1)
```
## End(Not run)

---

### teamWicketsERPowerPlayPlotAllOppnAllMatches

Team wickets vs ER in powewrplay against all opposition all matches

Description

This function computes wickets vs ER in powewrplay against all oppositions in all matches

Usage

```
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)
```

Description

This function computes wickets vs ER in powerplay against opposition in match

Usage

```r
teamWicketsERPowerPlayPlotMatch(match, t1, t2, plot=1)
```
**topERBowlerAcrossOversAllOppnAllMatches**

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)
```

This function computes the best ER by bowlers against all team in powerplay, middle and death overs

**Usage**

```r
topERBowlerAcrossOversAllOppnAllMatches(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

```r
## Not run:

topERBowlerAcrossOversAllOppnAllMatches(matches, 'England')

## End(Not run)
```

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**

```r
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`
topRunsBatsmenAcrossOversOppnAllMatches

Examples

## Not run:

```r
# Plot the match worm plot
topRunsBatsmenAcrossOversAllOppnAllMatches(matches,'England')

## End(Not run)
```

---

topRunsBatsmenAcrossOversOppnAllMatches

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

Description

This function computes the most runs by batsman against team in 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

```r
## 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 in powerplay, middle and death overs

Usage

```r
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

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

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)
```
Compute the most wickets by bowlers against all team in powerplay, middle and death overs

This function computes the highest wickets by bowlers against all team in 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:

```r
# 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

```r
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')

## End(Not run)
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