Package 'jjshandicap'

January 17, 2020

Title Jesmond Joggers Winter Handicap

Version 0.0.1

Description
Provides functions to summarise and present the results of the winter handicap race series

License What license it uses

Encoding UTF-8

LazyData true

Imports lubridate, dplyr, tibble, readr, stringr, purrr, magrittr, kableExtra

RoxygenNote 7.0.2

NeedsCompilation no

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R topics documented:

calculate_handicaps *Use 5k time to predict running time using the Reigel Formula*

Description

Use 5k time to predict running time using the Reigel Formula

Usage

```
calculate_handicaps(
  slowest_runner = as.numeric(lubridate::ms("30:00")),
  race_distance = 2.145
)
```

Arguments

slowest_runner	the time of the slowest runner
race_distance	the distance of the predicted race

get_new_handicaps *Calculate new handicaps*

Description

Calculate new handicaps

Usage

```
get_new_handicaps(all_results, summary_fn = median)
```

Arguments

all_results	
summary_fn	a function to use to summarise an athletes times, for example mean, min or median

read_all_results *Read all results*

Description

Read all results

Usage

```
read_all_results(directory = "results")
```

Arguments

directory

read_results *Title*

Description

Title

Usage

```
read_results(filename)
```

Arguments

filename

reigel_formula *Title*

Description

Title

Usage

```
reigel_formula(time1, distance1 = 3.1, distance2 = 2.145)
```

Arguments

time1

distance1

distance2

round_to_handicap *Title*

Description

Round the raw handicap (longest_run - your_run_time) to one of the current handicaps

Usage

```
round_to_handicap(new_handicap_time, current_handicaps)
```

Arguments

new_handicap_time

current_handicaps

Index