Package ‘aimPlot’

August 29, 2016

Title Create Pie Like Plot for Completeness

Version 1.0.0

Description Create a pie like plot to visualise if the aim or several aims of a project is achieved or close to be achieved i.e the aim is achieved when the point is at the center of the pie plot. Imagine it's like a dartboard and the center means 100% completeness/achievement. Achievement can also be understood as 100% coverage. The standard distribution of completeness allocated in the pie plot is 50%, 80% and 100% completeness.

Depends R (>= 3.2.0), utils
Imports ggplot2 (>= 2.1.0)
Suggests grid, gridExtra
License GPL-2
LazyData true
RoxygenNote 5.0.1
NeedsCompilation no
Author Yusman Kamaleri [aut, cre]
Maintainer Yusman Kamaleri <ybkamaleri@gmail.com>
Repository CRAN
Date/Publication 2016-04-22 13:09:49

R topics documented:

aimPlot .............................................................. 2
RegData ............................................................ 3

Index 4
Description

Create a pie plot to visualize how close a project is to completeness or achievement of the aims. The middle point shows the total completeness of the aim. Imagine it's like a dartboard and the center means 100% completeness/achievement. The standard distribution for the proportion of completeness allocated in the pie is 50%, 80% and 100%. Items for aim should be on the first row and the percentage of each item is on the second row in the data set.

Usage

aimPlot(data, title, size, pct1, pct2, col1, col2, col3)

Arguments

data: Data set

title: Title for the plot

size: Size of the point

pct1: Percentage first pie proportion

pct2: Percentage second pie proportion

col1: Colour of the first pie proportion

col2: Colour of the second pie proportion

col3: Colour of the third pie proportion

Details

These parameters should be in the dataframe:

- Variable 1st column: The various aims to be completed
- Percentage 2nd column: The percentage of completeness

Note

The ggplot2 package is required to run this function

Author(s)

Yusman Kamaleri, <ybkamaleri@gmail.com>

Source

RegData is example data set from Norwegian Diabetes Registry
Examples

```r
# basic usage
library("aimPlot")
aimPlot(data = RegData, title = "Plot title")
aimPlot(RegData, "Plot title", size=10, col1="blue", col2="green", col3="yellow")
aimPlot(RegData, pct1 = 20, pct2 = 60)
```

---

**RegData**

*RegData as sample data*

---

Description

A sample data for completeness of different aims in a project. The variables are as follows:

Usage

`RegData`

Format

`RegData` consist of 2 columns:

- Variable: The specific aims or objectives
- Percentage: The percentage of completeness
Index

*Topic datasets
   RegData, 3

aimPlot, 2

RegData, 3