Package 'aimPlot'

October 12, 2022

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

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R topics documented:

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aimPlot   *Pie Like Plot for Completeness*

Description

Create a pie like plot to visualize how close a project is to completeness or achievement of the aims. The middle point show 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 items 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

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Source

RegData is example data set from Norwegian Diabetes Registry

Examples

```
# 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 projects. 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