

# Package: aimPlot (via r-universe)

September 6, 2024

**Title** Create Pie Like Plot for Completeness

**Version** 1.1.0

**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, testthat

**License** GPL-2

**LazyData** true

**RoxygenNote** 5.0.1.9000

**Repository** <https://ybkamaleri.r-universe.dev>

**RemoteUrl** <https://github.com/ybkamaleri/aimplot>

**RemoteRef** HEAD

**RemoteSha** 8b9eb41891e6d40c8ac37f3146a519512b2cd7c8

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`aimPlot`*Pie Like Plot for Completeness*

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### 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

<code>data</code>	Data set
<code>title</code>	Title for the plot
<code>size</code>	Size of the point
<code>pct1</code>	Percentage first pie proportion
<code>pct2</code>	Percentage second pie proportion
<code>col1</code>	Colour of the first pie proportion
<code>col2</code>	Colour of the second pie proportion
<code>col3</code>	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 The Norwegian Childhood 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)
```

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RegData

*RegData as sample data*

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**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

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