

# Package ‘scatterpie’

November 8, 2019

**Title** Scatter Pie Plot

**Version** 0.1.4

**Description** Creates scatterpie plots, especially useful for plotting pies on a map.

**Depends** R (>= 3.4.0), ggplot2

**Imports** ggforce, rlang, rvcheck (>= 0.1.0), stats, tidyr, utils

**Suggests** knitr, prettydoc, maps

**VignetteBuilder** knitr

**License** Artistic-2.0

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**NeedsCompilation** no

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**Repository** CRAN

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geom\_scatterpie      *geom\_scatterpie*

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### Description

scatter pie plot

### Usage

```
geom_scatterpie(mapping = NULL, data, cols, pie_scale = 1,  
  sorted_by_radius = FALSE, legend_name = "type", ...)
```

### Arguments

mapping	aes mapping
data	data
cols	cols the pie data
pie_scale	amount to scale the pie size if there is no radius mapping exists
sorted_by_radius	whether plotting large pie first
legend_name	name of fill legend
...	additional parameters

### Value

layer

### Author(s)

guangchuang yu

### Examples

```
library(ggplot2)  
d <- data.frame(x=rnorm(5), y=rnorm(5))  
d$dA <- abs(rnorm(5, sd=1))  
d$dB <- abs(rnorm(5, sd=2))  
d$dC <- abs(rnorm(5, sd=3))  
ggplot() + geom_scatterpie(aes(x=x, y=y), data=d, cols=c("A", "B", "C")) + coord_fixed()
```

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geom\_scatterpie\_legend  
*geom\_scatterpie\_legend*

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**Description**

legend of scatterpie

**Usage**

```
geom_scatterpie_legend(radius, x, y, n = 5, labeller)
```

**Arguments**

radius	radius vector
x	x position
y	y position
n	number of circle
labeller	function to label radius

**Value**

layer

**Author(s)**

Guangchuang Yu

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recenter                    *recenter*

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**Description**

re-center map data

**Usage**

```
recenter(mapdata, center, longitude_column = "long")
```

**Arguments**

mapdata	map data, should be a data.frame
center	center
longitude_column	longitude column

**Value**

updated map data

**Author(s)**

ygc

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