

Package ‘tickr’

May 8, 2026

Type Package

Title Consistent Axis Tick Marks

Version 1.0.2

Maintainer Benjamin C. Williams <k1eheni@gmail.com>

Description This is a small package to provide consistent tick marks for plotting 'ggplot2' figures. It provides breaks and labels for 'ggplot2' without requiring 'ggplot2' to be installed.

License MIT + file LICENSE

Encoding UTF-8

Imports ggplot2, magrittr, rlang

RoxygenNote 7.3.2

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/ben-williams/tickr>

NeedsCompilation no

Author Benjamin C. Williams [aut, cre] (ORCID:
<<https://orcid.org/0000-0001-7295-2076>>)

Repository CRAN

Date/Publication 2025-04-10 14:30:05 UTC

Contents

scale_x_tickr	2
scale_y_tickr	3
tickr	4
Index	5

scale_x_tickr *Adjust axis tick marks and labels*

Description

Adjust axis tick marks and labels

Usage

```
scale_x_tickr(  
  ...,  
  data,  
  var,  
  by = 5,  
  var_min = NULL,  
  var_max = NULL,  
  lab_start = NULL,  
  lab_end = NULL  
)
```

Arguments

...	other ggplot2::scale_x_continuous inputs
data	A dataframe containing the variable of interest
var	Variable of interest (e.g., year)
by	Step increase desired (e.g., every 5 years)
var_min	minimum value to adjust axis range
var_max	Maximum value to adjust axis range
lab_start	Lowest value to label
lab_end	Last value to label

Value

An object that can be added to a ggplot object

Examples

```
# Use with ggplot2  
df <- data.frame(year = 1977:2023, value = rnorm(47))  
library(ggplot2)
```

scale_y_tickr	<i>Adjust axis tick marks and labels</i>
---------------	--

Description

Adjust axis tick marks and labels

Usage

```
scale_y_tickr(  
  ...,  
  data,  
  var,  
  by = 5,  
  var_min = NULL,  
  var_max = NULL,  
  lab_start = NULL,  
  lab_end = NULL  
)
```

Arguments

...	= other <code>ggplot2::scale_y_continuous</code> inputs
data	A dataframe containing the variable of interest
var	variable of interest (e.g., year)
by	step increase desired (e.g., every 5 years)
var_min	minimum value to adjust axis range
var_max	Maximum value to adjust axis range
lab_start	Lowest value to label
lab_end	Last value to label

Value

An object that can be added to a `ggplot` object

Examples

```
# Use with ggplot2  
df <- data.frame(year = 1977:2023, value = rnorm(47))  
library(ggplot2)  
ggplot2::ggplot(data=df, ggplot2::aes(x = value, y = year)) +  
  ggplot2::geom_line() +  
  scale_y_tickr(data = df, var = year, by = 5)
```

tickr *Adjust axis tick marks and labels*

Description

Adjust axis tick marks and labels

Usage

```
tickr(  
  data,  
  var,  
  by = 5,  
  var_min = NULL,  
  var_max = NULL,  
  lab_start = NULL,  
  lab_end = NULL  
)
```

Arguments

data	A dataframe containing the variable of interest
var	Variable of interest (e.g., year)
by	Step increase desired (e.g., every 5 years)
var_min	minimum value to adjust axis range
var_max	Maximum value to adjust axis range
lab_start	Lowest value to label
lab_end	Last value to label

Value

A dataframe containing:

breaks	Numeric vector of axis break positions
labels	Character vector of axis labels

Examples

```
# Create sample data  
df <- data.frame(year = 1977:2023, value = rnorm(47))  
  
# Basic usage  
tickr(data=df, var=year, by=5)
```

Index

`scale_x_tickr`, 2

`scale_y_tickr`, 3

`tickr`, 4