Package: tickr (via r-universe)

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Type Package

Title Consistent Axis Tick Marks

Version 1.0.0

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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.

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Encoding UTF-8

LazyData true

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

Repository https://ben-williams.r-universe.dev

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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

Examples

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

scale_y_tickr *Adjust axis tick marks and labels*

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 ggplot2::scale_y_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

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)
```

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