Package: wsjplot (via r-universe)

September 9, 2024

Version 0.1.1

Title Style Time Series Plots Like the Wall Street Journal

Description Easily override the default visual choices in 'ggplot2' to make your time series plots look more like the Wall Street Journal. Specific theme design choices include omitting x-axis grid lines and displaying sparse light grey y-axis grid lines. Additionally, this allows to label the y-axis scales with your units only displayed on the top-most number, while also removing the bottom most number (unless specifically overridden). The goal is visual simplicity, because who has time to waste looking at a cluttered graph?

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.1

Imports ggplot2, magrittr, stringr, scales, dplyr

Suggests testthat

Repository https://slee981.r-universe.dev

RemoteUrl https://github.com/slee981/wsjplot

RemoteRef HEAD

RemoteSha 2cf19e4296a14431c1bd8971bbd1fb7504b60e5d

Contents

label_wsj *Label plots like the wall street journal i.e. display the units only on the top tick of the graph*

Description

Label plots like the wall street journal i.e. display the units only on the top tick of the graph

Usage

```
label_wsj(
  prefix = "$",
  suffix = "",
  rm.bottom = TRUE,
  accuracy = NA,
  reverse = FALSE,
  ...
)
```

Arguments

prefix	character, the unit label to prefix on the max number of the y-axis
suffix	character, the unit label to append on the max number of the y-axis
rm.bottom	logical, remove the lowest number?
accuracy	double, the precision for labels e.g. 1, 0.1, or 0.01
reverse	logical, put label on the smallest tick instead of the largest?
...	args passed to scales::label_comma(...)

Examples

```
library(ggplot2)
`%>%` <- magrittr::`%>%`

plt <- economics_long %>%
  dplyr::filter(variable %in% c("psavert", "uempmed")) %>%
  ggplot(aes(date, value, color = variable)) +
  geom_line() +
  scale_y_continuous(
      labels = label_wsj(prefix = "$", suffix = " %")
  ) +
  theme_wsj() +
  labs(
    title = "Some Economics Plot",
    caption = "Source: Top secret."
  )
```

theme_wsj *Make timeseries graphs look like the the Wall Street Journal*

Description

Make timeseries graphs look like the the Wall Street Journal

Usage

```
theme_wsj()
```

Examples

```
library(ggplot2)
`%>%` <- magrittr::`%>%`

plt <- economics_long %>%
  dplyr::filter(variable %in% c("psavert", "uempmed")) %>%
  ggplot(aes(date, value, color = variable)) +
  geom_line() +
  scale_y_continuous(
      labels = label_wsj(suffix = " M")
  ) +
  scale_color_discrete(
      labels = c("Series 1", "Series 2")
  ) +
  theme_wsj() +
  labs(
    title = "Some Economics Plot",
    caption = "Source: Top secret.",
    y = ""
  )
```

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