

Package: zueritheme (via r-universe)

May 9, 2026

Type Package

Title ggplot theme to conform to the corporate identity/design of the city of Zurich

Version 1.0.1

Description This package exports one function - `ssz_theme()` - to be used as a ggplot theme.

URL <https://statistikstadtzuerich.github.io/zueritheme/>,
<https://github.com/StatistikStadtZuerich/zueritheme>

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LazyData true

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Imports dplyr, ggplot2, gridExtra

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Config/testthat/edition 3

Repository <https://swissstatsr.r-universe.dev>

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RemoteUrl <https://github.com/StatistikStadtZuerich/zueritheme>

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`ssz_theme`*ssz_theme*

Description

Function for styling ggplots graphs according to Stadt Zürich's corporate design.

Usage

```
ssz_theme(  
  grid_lines = "y",  
  base_size = 8.2,  
  base_family = "",  
  base_line_size = base_size/170,  
  base_rect_size = base_size/170,  
  publication_type = "print"  
)
```

Arguments

<code>grid_lines</code>	specifies the axis on which to display the primary grid lines or axis lines. "y" is the default value, can be "x" or "y" for publication type "web", and "x", "y", "both", or "none" for publication_type "print".
<code>base_size</code>	optional, defines the base font size used throughout the plot. This parameter is passed to the <code>ssz_theme_base</code> and <code>ssz_theme_base_web</code> function, ensuring consistent typography across ggplot elements. Adjust this value to control the overall text size in the ggplot object for better readability or stylistic preference.
<code>base_family</code>	optional, specifies the base font family for the text elements in the ggplot object. This parameter is passed to the <code>ssz_theme_base</code> and <code>ssz_theme_base_web</code> function, ensuring a consistent font style across ggplot elements. Adjust this value to control the overall font family in the ggplot object.
<code>base_line_size</code>	optional, sets the base line size for lines and borders within the ggplot object. This parameter is passed to the <code>ssz_theme_base</code> and <code>ssz_theme_base_web</code> function, ensuring consistent line thickness across visual elements. Adjust this value to modify the overall line width for improved visual clarity or stylistic preferences.
<code>base_rect_size</code>	optional, specifies the base size for rectangular elements such as legend boxes or plot backgrounds within the ggplot object. This parameter is passed to the <code>ssz_theme_base</code> and <code>ssz_theme_base_web</code> function, ensuring consistent sizing of rectangular shapes across ggplot elements. Adjust this value to control the thickness of borders for better visual balance or customization.
<code>publication_type</code>	specifies the output type for which the theme is tailored. Available options are "print" and "web", with "print" as the default value. This parameter controls how visual elements like grid lines and axis formatting are adjusted to best suit the chosen publication type, ensuring optimal presentation for either print or web-based outputs.

Value

a ggplot theme.

Examples

```
## Not run:
ggplot(...) +
  ssz_theme(grid_lines = "x", publication_type = "print")

## End(Not run)
```

<code>ssz_theme_base</code>	<i>ssz_theme_base</i>
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Description

Function that creates a ggplot theme that can be used as a base theme on top of which to replace the theme's items that depend on the orientation of the print plot.

Usage

```
ssz_theme_base(base_size, base_family, base_line_size, base_rect_size)
```

Arguments

<code>base_size</code>	optional, defines the base font size used throughout the plot. This parameter is passed to the <code>theme_bw</code> function, ensuring consistent typography across ggplot elements.
<code>base_family</code>	optional, specifies the base font family for the text elements in the ggplot object. This parameter is passed to the <code>theme_bw</code> function, ensuring a consistent font style across ggplot elements.
<code>base_line_size</code>	optional, sets the base line size for lines and borders within the ggplot object. This parameter is passed to the <code>theme_bw</code> function, ensuring consistent line thickness across visual elements.
<code>base_rect_size</code>	optional, specifies the base size for rectangular elements such as legend boxes or plot backgrounds within the ggplot object. This parameter is passed to the <code>theme_bw</code> function, ensuring consistent sizing of rectangular shapes across ggplot elements.

Value

a ggplot theme

ssz_theme_void *ssz_theme_void*

Description

Function for styling ggplots graphs according to Stadt Zürich's corporate design. Used for plots with a void theme, i.e. no grid lines and no axis texts.

Usage

```
ssz_theme_void(  
  base_size = 8.2,  
  base_family = "",  
  base_line_size = base_size/170,  
  base_rect_size = base_size/170  
)
```

Arguments

<code>base_size</code>	optional, defines the base font size used throughout the plot. This parameter is passed to the <code>theme_void</code> function, ensuring consistent typography across ggplot elements. Adjust this value to control the overall text size in the ggplot object for better readability or stylistic preference.
<code>base_family</code>	optional, specifies the base font family for the text elements in the ggplot object. This parameter is passed to the <code>theme_void</code> function, ensuring a consistent font style across ggplot elements. Adjust this value to control the overall font family in the ggplot object.
<code>base_line_size</code>	optional, sets the base line size for lines and borders within the ggplot object. This parameter is passed to the <code>theme_void</code> function, ensuring consistent line thickness across visual elements. Adjust this value to \$ modify the overall line width for improved visual clarity or stylistic preferences.
<code>base_rect_size</code>	optional, specifies the base size for rectangular elements such as legend boxes or plot backgrounds within the ggplot object. This parameter is passed to the <code>theme_void</code> function, ensuring consistent sizing of rectangular shapes across ggplot elements. Adjust this value to control the thickness of borders for better visual balance or customization.

Value

a void ggplot theme.

Examples

```
## Not run:  
ggplot(...) +  
  ssz_theme_void()  
  
## End(Not run)
```

ssz_theme_web_base *ssz_theme_base_web*

Description

Function that creates a ggplot theme that can be used as a base theme on top of which to replace the theme's items that depend on the orientation of the web plot.

Usage

```
ssz_theme_web_base(base_size, base_family, base_line_size, base_rect_size)
```

Arguments

- | | |
|----------------|---|
| base_size | optional, defines the base font size used throughout the plot. This parameter is passed to the theme_bw function, ensuring consistent typography across ggplot elements. |
| base_family | optional, specifies the base font family for the text elements in the ggplot object. This parameter is passed to the theme_bw function, ensuring a consistent font style across ggplot elements. |
| base_line_size | optional, sets the base line size for lines and borders within the ggplot object. This parameter is passed to the theme_bw function, ensuring consistent line thickness across visual elements. |
| base_rect_size | optional, specifies the base size for rectangular elements such as legend boxes or plot backgrounds within the ggplot object. This parameter is passed to the theme_bw function, ensuring consistent sizing of rectangular shapes across ggplot elements. |

Value

a ggplot theme

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