

Package ‘fpoplot’

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Type Package

Title Themes, Colors and Tools for Making Charts in the Estonian Government Style

Version 0.1

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Description The Estonian Government Theme package provides themes, colors, and tools for making charts in the Estonian Government official Style guide style.

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Encoding UTF-8

Imports ggplot2

RoxygenNote 7.1.1

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fpo_cols	<i>Function to extract drsimonj colors as hex codes</i>
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Description

Function to extract drsimonj colors as hex codes

Usage

```
fpo_cols(...)
```

Arguments

... Character names of fpo_colors

fpo_pal	<i>Return function to interpolate a drsimonj color palette</i>
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Description

Return function to interpolate a drsimonj color palette

Usage

```
fpo_pal(palette = "main", reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in fpo_palettes
reverse	Boolean indicating whether the palette should be reversed
...	Additional arguments to pass to colorRampPalette()

scale_color_fpo	<i>Add Estonian Government theme to ggplot chart</i>
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Description

This function allows you to add the Estonian Government theme to your ggplotgraphics.

Usage

```
scale_color_fpo(palette = "main", discrete = TRUE, reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in fpo_palettes
discrete	Boolean indicating whether color aesthetic is discrete or not
reverse	Boolean indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale() or scale_color_gradientn(), used respectively when discrete is TRUE or FALSE

Examples

```
line <- ggplot(line_df, aes(x = year, y = lifeExp)) +
  geom_line(colour = "#007f7f", size = 1) +
  geom_hline(yintercept = 0, size = 1, colour="#333333") +
  theme_fpo() + scale_color_fpo()
Color scale constructor for drsimonj colors
```

scale_fill_fpo	Add Estonian Government theme to ggplot chart
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Description

This function allows you to add the Estonian Government theme to your ggplotgraphics.

Usage

```
scale_fill_fpo(palette = "main", discrete = TRUE, reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in fpo_palettes
discrete	Boolean indicating whether color aesthetic is discrete or not
reverse	Boolean indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale() or scale_fill_gradientn(), used respectively when discrete is TRUE or FALSE

Examples

```
line <- ggplot(line_df, aes(x = year, y = lifeExp)) +
  geom_line(colour = "#007f7f", size = 1) +
  geom_hline(yintercept = 0, size = 1, colour="#333333") +
  theme_fpo() + scale_fill_fpo()
Fill scale constructor for drsimonj colors
```

theme_fpo	Add Estonian Government theme to ggplot chart
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Description

This function allows you to add the Estonian Government theme to your ggplotgraphics.

Usage

```
theme_fpo(
  base_size = 14,
  base_family = "Roboto Condensed",
  lines_lwd = 0.5,
  plot_grid = TRUE,
  axis_font = base_family,
  title_size = base_size * 1.5,
  legend_size = base_size,
```

```
bg_col = "white",
title_font = base_family,
title_col = "#006db5",
base_col = "black",
axis_lines = TRUE,
minor_grid = ifelse(plot_grid, TRUE, FALSE),
vert_grid = ifelse(plot_grid, TRUE, FALSE),
ticks_type = "outer",
horz_grid = ifelse(plot_grid, TRUE, FALSE),
alpha_leg = 0.1,
bord_size = 0,
legend_bg = "white",
strip_bg = "white",
grid_thick = 1,
grid_type = "solid",
ticks_xy = "xy",
grid_cols = c("#dad5d1", "#f2ede9")
)
```

Examples

```
line <- ggplot(line_df, aes(x = year, y = lifeExp)) +
  geom_line(colour = "#007f7f", size = 1) +
  geom_hline(yintercept = 0, size = 1, colour="#333333") +
  theme_fpo() + scale_color_fpo()
```

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