Package 'quickplotr'

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Type Package

Title quickplotr

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Description Makes easy versions of ggplot2 graphics, with sensible defaults.

Imports ggplot2,stringr,reshape,RColorBrewer

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R topics documented:

`qplotr` *Provide univariate or bivariate ggplot graphic according to the data type of the input variables.*

Description

Provide univariate or bivariate ggplot graphic according to the data type of the input variables.

Usage

```
qplotr(xx, yy = NULL, simple = F, histlabs = T, na.rm = F,
  fillcolour = RColorBrewer::brewer.pal(3, mypal)[2], mypal = "YlOrBr",
  sizefac = 15, xlablen = 30, ylablen = 30, sigLev = 0.05)
```

Arguments

xx	A vector.
yy	If provided, a second vector of the same length as xx.
simple	Whether to provide just a simple bar chart or line plot.
histlabs	Whether to provide Ns for bar charts.
na.rm	Whether to exclude missing values.
fillcolour	Fill colour for bar charts
mypal	RColourBrewer palette
sizefac	Font size multiplier for Ns on bar charts
xlablen	What line length to split for xlab
ylablen	What line length to split for ylab
sigLev	Graphs with associated p-values above this value will not be printed.

Value

A ggplot graphic, with additional information provided as attributes.

See Also

Other main: quickplotr, quickplotr-package; quicktestr

Examples

```
Here are some examples
```

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quickplotr *Quick ggplots*

Description

ggplot2 is great for providing highly customisable plots. quickplotr makes it just a little bit quicker to provide the simplest plots - bar charts, scatterplots etc - with a consistent appearance.

Details

The main use case for quickplotr is providing quick overview reports from the results of a questionnaire survey: providing tests of main variables against background, often sociodemographic, variables which are usually of mixed data type - nominal, ordinal etc. quickplotr provides a function quicktestr which conducts the statistical tests and provides a p-value. By default, if quickplotr is provided with two variables, and the corresponding quickplotr test for those two variables is not significant, the plot is not produced, though the returned empty string does contain informative attributes.

See Also

Other main: qplotr; quicktestr

`quicktestr` *Provide a simple bivariate test for two variables depending on the types of the variables. Also provides some basic statistics for a single variable*

Description

Provide a simple bivariate test for two variables depending on the types of the variables. Also provides some basic statistics for a single variable

Usage

```
quicktestr(xx, yy = NULL, level1 = "nom", level2 = "nom", spv = F, ...)
```

Arguments

xx	A vector.
yy	If provided, a second vector of the same length as xx.
level1	Force type of first variable
level2	Force type of second variable
spv	Whether to simulate p values for chi-squared tests. May take a while.

Value

The p-value, with additional information provided as attributes.

See Also

Other main: qplotr; quickplotr, quickplotr-package

Examples

```
Here are some examples
```

---

xc *so you can type xc("red blue green") instead of c("red","blue","green")*

Description

so you can type xc("red blue green") instead of c("red","blue","green")

Usage

```
xc(stri, sepp = " ")
```

---

xmb *More robust test of whether something is not blank, null etc. true if missing or null or y, otherwise false. NOTE IT GIVES F IF IT IS ANY DATA FRAME, EVEN AN EMPTY ONE*

Description

More robust test of whether something is not blank, null etc. true if missing or null or y, otherwise false. NOTE IT GIVES F IF IT IS ANY DATA FRAME, EVEN AN EMPTY ONE

Usage

```
xmb(x, y = "")
```

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