Package 'myplots.ew'

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Title This Package Contains Useful Plotting Functions

Version 0.0.0.9000

Description This package will contain meaninful functions that will assit in the plotting.

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RoxygenNote 7.3.0

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`ggraph` *Create a quick scatter plot in ggplot.*

Description

This will graph two given vectors in a ggplot-style scatter plot with the x-axis labeled "x" and the y-axis labeled "y".

Usage

```
ggraph(x, y, point_color = "black", point_size = 1.5, point_shape = 19)
```

Arguments

`x`	This is the first vector to be plotted.
`y`	This is the first vector to be plotted.
`point_color`	This is the color of the points that will be plotted.
`point_size`	This is the size of the points that will be plotted. The default is size 1.5.
`point_shape`	This is the shape of the points that will be plotted. The default is 19: a filled circle.

Value

This function returns a ggplot scatter plot object.

Examples

```
## Create a scatter plot of y vs x.
x <- rnorm(100)
y <- x + rnorm(100, 0, 0.3)
ggraph(x, y)
```

`influence_plots` *Influence Plots*

Description

This will compute many common residual and influence plots to check adequacy of a given model.

Usage

```
influence_plots(model)
```

Arguments

`model`	This is a lm or glm (with binomial family) object

Value

This function returns plots for the jackknife (externally studentized) residuals vs index, jackknife residuals vs fitted values, leverage values vs index, Cook's distance vs index, DfFits vs index, and all DfBetas vs index.

Examples

```
## Randomly generate correlated variables x and y and then create the
## influence plots for them
x <- rnorm(100)
y <- x + rnorm(100, 0, 0.3)
influence_plots(lm(y ~ x))
```

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