Package 'appregr'

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Title Demonstrates Regression Workflow and Diagnostics

Version 0.0.0.9000

Description Wrapper code for regression diagnostics.

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Encoding UTF-8

LazyData true

Suggests MASS, covr, testthat, knitr, ggplot2, pander, faraway, rmarkdown

Roxygen list(markdown = TRUE)

RoxygenNote 6.1.1

VignetteBuilder knitr

NeedsCompilation no

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R topics documented:

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checkleverage   *Gets high leverage elements*

Description

Gets high leverage elements

Usage

```
checkleverage(lm.fit, df)
```

Arguments

model   dataframe

Value

data frame with high leverage data points

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checkoutliers   *Gets outliers*

Description

Gets outliers

Usage

```
checkoutliers(lm.fit, df)
```

Arguments

model   dataframe

Value

list with outliers residual range, and bonferroni corrected t vals

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getmodel | *Returns a linear model and the dataframe of data*

Description

Returns a linear model and the dataframe of data

Usage

```
getmodel(modelname)
```

Arguments

modelname   character

Value

list(lm.fit,df) an object of type lm and the training data

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listavailable | *Returns a list of available datasets*

Description

Returns a list of available datasets

Usage

```
listavailable()
```

Value

a dictionary (list of key,val) use key to pass into the getmodel function val is a description of the data

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partialregression   *Partial Regression*

Description

Partial Regression

Usage

```
partialregression(lm.fit, df)
```

Arguments

model   dataframe

Value

data for partial regression plots

Index