

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:

checkleverage	2
checkoutliers	2
getmodel	3
listavailable	3
partialregression	4
Index	5

checkleverage	<i>Gets high leverage elements</i>
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Description

Gets high leverage elements

Usage

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

Arguments

model	dataframe
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Value

data frame with high leverage data points

checkoutliers	<i>Gets outliers</i>
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Description

Gets outliers

Usage

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

Arguments

model	dataframe
-------	-----------

Value

list with outliers residual range, and bonferroni corrected t vals

getmodel	Returns a linear model and the dataframe of data
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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

listavailable	Returns a list of available datasets
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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

partialregression	<i>Partial Regression</i>
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Description

Partial Regression

Usage

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

Arguments

model	dataframe
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Value

data for partial regression plots

Index

checkleverage, [2](#)

checkoutliers, [2](#)

getmodel, [3](#)

listavailable, [3](#)

partialregression, [4](#)