

# Package ‘appregr’

July 10, 2019

**Title** Demonstrates Regression Workflow and Diagnostics

**Version** 0.0.0.9000

**Description** Wrapper code for regression diagnostics.

**License** MIT + file LICENSE

**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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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

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checkoutliers	<i>Gets outliers</i>
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**Description**

Gets outliers

**Usage**

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

**Arguments**

model	dataframe
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**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
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**Description**

Returns a linear model and the dataframe of data

**Usage**

```
getmodel(modelname)
```

**Arguments**

modelname	character
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**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
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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

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