

Package ‘learnstats’

June 25, 2015

Type Package

Title An Interactive Environment for Learning Statistics

Version 0.1.1

Date 2015-6-24

Description Allows students to use R as an interactive educational environment for statistical concepts, ranging from p-values to confidence intervals to stability in time series.

License GPL

LazyData TRUE

Imports shiny, Rcmdr

Depends R (>= 3.1.0), ggplot2

NeedsCompilation no

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Repository CRAN

Date/Publication 2015-06-25 07:20:19

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prob	<i>Run the Probability Walkthrough script.</i>
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Description

Run the Probability Walkthrough script.

Usage

```
prob()
```

Examples

```
## Not run: prob()
```

pval	<i>Run the P-val Walkthrough script.</i>
------	--

Description

Run the P-val Walkthrough script.

Usage

```
pval()
```

Examples

```
## Not run: pval()
```

qqsim	<i>run the qqplot simulator script</i>
-------	--

Description

run the qqplot simulator script

Usage

```
qqsim()
```

Examples

```
## Not run: qqsim()
```

Rcmdr	<i>Load R Commander This way, run Rcmdr() and the environment will be ready.</i>
-------	--

Description

Load R Commander This way, run Rcmdr() and the environment will be ready.

Usage

```
Rcmdr()
```

Examples

```
## Not run: Rcmdr()
```

stats250	<i>learnstats: Using R as an interactive educational environment.</i>
----------	---

Description

learnstats: Using R as an interactive educational environment.

s_fdist	<i>Run the F distribution shiny app.</i>
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Description

Run the F distribution shiny app.

Usage

```
s_fdist()
```

Examples

```
## Not run: s_fdist()
```

s_introbinom	<i>Run the Intro Binomial shiny app.</i>
--------------	--

Description

Run the Intro Binomial shiny app.

Usage

```
s_introbinom()
```

Examples

```
## Not run: s_introbinom()
```

s_normbinom	<i>Run the Normal Approximation to the Binomial shiny app.</i>
-------------	--

Description

Run the Normal Approximation to the Binomial shiny app.

Usage

```
s_normbinom()
```

Examples

```
## Not run: s_normbinom()
```

s_propci	<i>Run the proportion confidence interval shiny app.</i>
----------	--

Description

Run the proportion confidence interval shiny app.

Usage

```
s_propci()
```

Examples

```
## Not run: s_propci()
```

s_tdist	<i>Run the T distribution shiny app.</i>
---------	--

Description

Run the T distribution shiny app.

Usage

```
s_tdist()
```

Examples

```
## Not run: s_tdist()
```

s_timeseries	<i>Run the Timeseries shiny app.</i>
--------------	--------------------------------------

Description

Run the Timeseries shiny app.

Usage

```
s_timeseries()
```

Examples

```
## Not run: s_timeseries()
```

s_twonorm	<i>Run the Two Normal Distributions shiny app.</i>
-----------	--

Description

Run the Two Normal Distributions shiny app.

Usage

```
s_twonorm()
```

Examples

```
## Not run: s_twonorm()
```

`timeseressim`*Run the Time Series Simulation script.*

Description

Run the Time Series Simulation script.

Usage

```
timeseressim()
```

Examples

```
## Not run: timeseriessim()
```

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