Package ‘learnstats’

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Type Package
Title An Interactive Environment for Learning Statistics
Version 0.1.1
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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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prob

Run the Probability Walkthrough script.

Description
Run the Probability Walkthrough script.

Usage
prob()

Examples
## Not run: prob()

pval

Run the P-val Walkthrough script.

Description
Run the P-val Walkthrough script.

Usage
pval()

Examples
## Not run: pval()

qqsim

Run the qqplot simulator script.

description
run the qqplot simulator script

Usage
qqsim()

Examples
## Not run: qqsim()
Rcmdr

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

Usage

Rcmdr()

Examples

## not run: Rcmdr()

stats250

learnstats: Using R as an interactive educational environment.

Usage

s_fdist()

Examples

## not run: s_fdist()
Run the Intro Binomial shiny app.

s_introbinom()

Examples

## not run: s_introbinom()

Run the Normal Approximation to the Binomial shiny app.

s_normbinom()

Examples

## not run: s_normbinom()

Run the proportion confidence interval shiny app.

s_propci()

Examples

## not run: s_propci()
**s_tdist**

Description
---
Run the T distribution shiny app.

Usage
---
s_tdist()

Examples
---
```
## not run: s_tdist()
```

---

**s_timeseries**

Description
---
Run the Timeseries shiny app.

Usage
---
s_timeseries()

Examples
---
```
## not run: s_timeseries()
```

---

**s_twonorm**

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: timeseressim()
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