Package: DistPlotter (via r-universe)

August 30, 2024

Type Package

Title A Graphical User Interface for Plotting Common Univariate Distributions

Version 0.0.2

Description Package including an interactive Shiny application for plotting common univariate distributions.

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URL https://github.com/ccasement/DistPlotter, https://CRAN.R-project.org/package=DistPlotter

BugReports https://github.com/ccasement/DistPlotter/issues

Depends R (>= 3.5.0)

Imports colourpicker (>= 1.1.1), dplyr (>= 1.0.8), DT (>= 0.20), extraDistr (>= 1.9.1), ggplot2 (>= 3.3.5), rio (>= 0.5.29), scales (>= 1.1.1), shiny (>= 1.7.1), shinyalert (>= 3.0.0), shinyBS (>= 0.61), shinyjs (>= 2.1.0), shinyWidgets (>= 0.6.4), stringi (>= 1.7.6), stringr (>= 1.4.0)

Encoding UTF-8

Language en-US

RoxygenNote 7.1.2

Repository https://ccasement.r-universe.dev

RemoteUrl https://github.com/ccasement/distplotter

RemoteRef HEAD

RemoteSha e4325d00c63855a0cd0a8e2fc7f0196577933231

Contents

DistPlotter-package   *DistPlotter: A Graphical User Interface for Plotting Common Uni-variate Distributions*

Description

The DistPlotter package enables users to plot common univariate distributions and was designed with a particular focus on education. Users can plot distributions based on general shape (e.g., symmetric vs. skewed right) and distributions from common discrete and continuous families. They can also shade areas underneath the curve (e.g., areas corresponding to general probabilities, p-values, or confidence levels). Users can additionally plot their own quantitative data, as well as overlay a normal density curve and shade area(s) underneath.

Details

Package: DistPlotter
Type: Package
Version: 0.0.2
Date: 2022-03-09
Depends: R (>= 3.5.0)
Imports: colourpicker, dplyr, DT, extraDistr, ggplot2, rio, scales, shiny, shinyalert, shinyalert, shinyBS, shinyjs, shinyWidgets, stringi, stringr License: MIT
BugReports: https://github.com/ccasement/DistPlotter/issues
Encoding: UTF-8

Function

- runDistPlotterApp

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See Also

Useful links:

- <https://github.com/ccasement/DistPlotter>
- <https://CRAN.R-project.org/package=DistPlotter>
- Report bugs at <https://github.com/ccasement/DistPlotter/issues>

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runDistPlotterApp   *Run the DistPlotter Shiny application*

Description

Runs the DistPlotter Shiny application.

Usage

```
runDistPlotterApp()
```

Value

There is no return value.

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Examples

```
## only run the app in an interactive R session
if (interactive()) {runDistPlotterApp()}
```

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