Package 'AssumpSure'

July 15, 2025

Title 'shiny' Application for Statistical Test Assumption Checking and Guidance

Version 1.0.0

Description A 'shiny' application to assess statistical assumptions and guide users toward appropriate tests. The app is designed for researchers with minimal statistical training and provides diagnostics, plots, and test recommendations for a wide range of analyses. Many statistical assumptions are implemented using the package 'rstatix' (Kassambara, 2019) <doi:10.32614/CRAN.package.rstatix> and 'performance' (Lüdecke et al., 2021) <doi:10.21105/joss.03139>.

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Imports shiny, shinyjs, shinyBS, bslib, htmltools, shinyscreenshot, fontawesome, tidyverse, rstatix, knitr, compositions, car, correlation, MVN, performance, modelbased, patchwork, see, bestNormalize, DHARMa, lmerTest, MASS, nnet, broom, broom.mixed, DT, sjPlot

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

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Repository CRAN

Date/Publication 2025-07-15 12:00:11 UTC

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launch_app	*Launch the AssumpSure Shiny App*

Description

Launch the AssumpSure Shiny App

Usage

```
launch_app()
```

Value

Runs the Shiny app.

Examples

```
if (interactive()) {
  launch_app()
}
```

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