

Package ‘AssumpSure’

August 18, 2025

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

Version 1.1.0

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](https://doi.org/10.32614/CRAN.package.rstatix)> and 'performance' (Lüdtke et al., 2021) <[doi:10.21105/joss.03139](https://doi.org/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, kableExtra, sjPlot, brglm2, glmmTMB, effectsize, coin

Encoding UTF-8

RoxygenNote 7.3.2

URL <https://github.com/Ahmedbargheet/AssumpSure>

BugReports <https://github.com/Ahmedbargheet/AssumpSure/issues>

NeedsCompilation no

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Repository CRAN

Date/Publication 2025-08-18 15:30:02 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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