

Package ‘ggquickedda’

September 27, 2018

Title Quickly Explore Your Data Using 'ggplot2' and Summary Tables

Version 0.1.1

Description Quickly and easily perform exploratory data analysis by uploading your data as a 'csv' file. Start generating insights using 'ggplot2' plots and 'table1' tables with descriptive stats, all using an easy-to-use point and click 'Shiny' interface.

URL <https://github.com/smouksassi/ggquickedda>

BugReports <https://github.com/smouksassi/ggquickedda/issues>

Depends R (>= 3.1.0)

Imports colourpicker, dplyr, DT, Formula, ggplot2, ggpmisc, ggrepel (>= 0.7.0), grDevices, grid, gridExtra, Hmisc, lazyeval, markdown, methods, plotly, quantreg, rlang, scales, shiny (>= 1.0.4), shinyjs, stats, stringr, survival, tidyr, table1 (>= 1.1), utils

Suggests knitr, rmarkdown

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SystemRequirements pandoc with https support

LazyData true

VignetteBuilder knitr

RoxygenNote 6.1.0

NeedsCompilation no

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Repository CRAN

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run_ggquickedata	<i>Run the ggquickedata application</i>
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Description

Run the ggquickedata application.

Usage

```
run_ggquickedata(data = NULL)
```

Arguments

data The initial data.frame to load into the application.

Examples

```
if (interactive()) {
  run_ggquickedata()
}
```

sample_data	<i>Simulated Pharmacokinetic Concentration Data</i>
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Description

A dataset containing concentration-time data with the given dose and some subject characteristics to help in the app exploration.

Usage

```
sample_data
```

Format

A data frame with 600 rows and 10 variables

ID Subject Identifier, an integer from 1 to 150

Time Time of dose given or drug sample measured, in hours

Amt dose given at the corresponding Time, in milligrams

Conc drug concentrations in the plasma sample, in mg/L

Age age of the subject, in years

Weight weight of the subject, in kg

Gender Sex of the subject, a factor with Female and Male levels

Race Race of the subject, a factor with Asian, Black, Caucasian, Hispanic and Other levels

Dose dose group of the subject, in milligrams

AGECAT age category of the subject, a variable cutting Age into two values 0/1

Source

"sd_oral_richpk" from 'PKPDmisc' R package with an additional AGECAT variable

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*Topic **datasets**

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