Package ‘summariser’

March 30, 2020

Type Package
Title Easy Calculation and Visualisation of Confidence Intervals
Version 2.3.0
Maintainer Conor Neilson <condwanaland@gmail.com>
Description Functions to speed up the exploratory analysis of simple datasets using 'dplyr'. Functions are provided to do the common tasks of calculating confidence intervals.
License GPL-3
Encoding UTF-8
LazyData true
Imports dplyr
Suggests testthat, covr
RoxygenNote 7.0.2

URL https://github.com/condwanaland/summariser
NeedsCompilation no
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Repository CRAN
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**Summary Stats**

Calculate summary statistics on a data frame

**Description**

Functions from dplyr are used to automate the process of calculating basic summary statistics on a data frame. Returned statistics include mean, standard deviation, standard error, count, and 95% confidence intervals from a normal distribution (summary_stats) and from a t-distribution (summary_stats.t)

**Usage**

```r
summary_stats(data, measure, type)
```

**Arguments**

- `data`: a data frame
- `measure`: a numeric variable. Response variable - summary statistics will be returned for this variable
- `type`: a string variable. Controls whether a normal or t distribution is used for CI calculation. Defaults to "norm".

**Examples**

```r
library(summariser)
library(dplyr)
iris %>%
  summary_stats(Sepal.Length)
```
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