

Package ‘summariser’

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Type Package

Title Easy Calculation and Visualisation of Confidence Intervals

Version 2.3.0

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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	<i>Calculate summary statistics on a data frame</i>
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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

```
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

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

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