Package 'glebe.datasets'

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Title Create demo datasets for instructional use

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Description This package contains tools to create demo
datasets for instructional use (e.g., in undergraduate statistics
classes).

License GPL-3

URL https://github.com/barnzilla/glebe

BugReports https://github.com/barnzilla/glebe/issues

Depends R (>= 2.10)

VignetteBuilder knitr

Encoding UTF-8

Language en

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.0

Imports haven,
scales,
simstudy,
writexl

Suggests klippy,
knitr,
rmarkdown

R topics documented:

1

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export_dataset   *Export a dataset.*

Description

This function allows users to export a dataset to Excel or SPSS.

Usage

```
export_dataset(
  x,
  path = paste0(getwd(), "/", deparse(substitute(x))),
  type = "xlsx"
)
```

Arguments

x	A data frame.
path	The path to the location on the user's local computer where the data frame should be stored. This parameter is set to the working directory #' by default.
type	A character element representing the type of export to perform (options: "xlsx" or "spss"). This parameter is set to "xlsx" by default.

Value

Returns none.

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get_correlation_coefficient
                    Randomly create a correlation coefficient.

Description

This function randomly creates a correlation coefficient.

Usage

```
get_correlation_coefficient(size, direction = "p", seed_number = 1)
```

Arguments

size	A character element (options: "w" for weak, "s" for small, "m" for moderate or "l" for large).
direction	A character element (options: "p" for positive or "n" for negative) This paramater is set to "p" by default.
seed_number	A numeric (integer) element that allows a randomly generated effect size to be reproduced. This parameter is set to 1 by default.

Value

Returns a numeric element between -0.70 and 0.70.

get_dataset *Create a demo dataset*

Description

This function creates a demo dataset.

Usage

```
get_dataset(n = 1000)
```

Arguments

n   A numberic (integer) element representing the number of participants (rows) in the dataset. This parameter is set to 1000 by default.

Value

Returns a data frame.

Index