

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

R topics documented:

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| | |
|----------------|--------------------------|
| export_dataset | <i>Export a dataset.</i> |
|----------------|--------------------------|

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.

| | |
|-----------------------------|---|
| get_correlation_coefficient | <i>Randomly create a correlation coefficient.</i> |
|-----------------------------|---|

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 parameter 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

| | |
|----------------|--|
| <code>n</code> | A numeric (integer) element representing the number of participants (rows) in the dataset. This parameter is set to 1000 by default. |
|----------------|--|

Value

Returns a data frame.

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