

# Package ‘glebe.datasets’

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**Title** Create demo datasets for instructional use

**Version** 0.1

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**Description** This package contains tools to create complex  
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** scales,  
simstudy

**Suggests** klippy,  
knitr,  
rmarkdown

## R topics documented:

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`get_correlation_coefficient`*Randomly create a correlation coefficient.*

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**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.

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`get_dataset`*Create a demo dataset*

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**Description**

This function creates a demo dataset.

**Usage**

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

**Arguments**

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

Returns a data frame.

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