

Package: cbltr (via r-universe)

August 20, 2024

Type Package

Title cbltr

Version 0.0.4.9003

Description This package contains several helper functions for personal use. No guarantee in using the package. If you think some content is usable for you, please mention me.

License GPL-3

Encoding UTF-8

URL <https://github.com/cathblatter/cbltr/>,
<https://cathblatter.github.io/cbltr>

BugReports <https://github.com/cathblatter/cbltr/issues>

LazyData true

Depends R (>= 2.10)

Imports dplyr (>= 0.7.5), tibble, magrittr, purrr, base, openxlsx,
rlang, rstudioapi

Remotes mitchelloharawild/icons

Suggests knitr, rmarkdown

VignetteBuilder knitr

RoxygenNote 7.3.1

Roxygen list(markdown = TRUE)

Repository <https://cathblatter.r-universe.dev>

RemoteUrl <https://github.com/cathblatter/cbltr>

RemoteRef HEAD

RemoteSha ff2d07e9f764feb53e33928dd534760a974ae063

Contents

add_counts	2
apply_rowwise	3
clean_library	3
Diabetes	4
freqtable1	4
insertInAddin	5
matplotlib_colors	5
myorcid	5
myorcid_url	6
tableone_mat_to_data_frame	6
write_tableone_mat_to_xlsx	7
Index	8

add_counts	<i>Add counts of multiple columns at once</i>
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Description

Add counts of multiple columns at once

Usage

```
add_counts(df, ...)
```

Arguments

df	the dataframe to work on
...	one or multiple column names to summarise by n() on

Value

a dataframe

References

Code originally written in R4DS-Channel by <https://github.com/HannesOberreiter> without testing for edge cases, modified for personal use by me

Examples

```
mtcars |> add_counts(cyl, vs, am)
```

apply_rowwise	<i>Apply a function rowwise (usually per observation)</i>
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Description

Apply a function rowwise (usually per observation)

Usage

```
apply_rowwise(data, vars, func, na.rm = TRUE)
```

Arguments

data	a dataframe
vars	a selection of variables from the dataframe to apply a function over
func	the function to apply
na.rm	TRUE or FALSE, default = TRUE

clean_library	<i>clean library - a function to set a clean library state - to use with caution</i>
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Description

clean library - a function to set a clean library state - to use with caution

Usage

```
clean_library(lib = .libPaths())
```

Arguments

lib	defaults to .libPaths()
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Value

a value

Diabetes	<i>Diabetes</i>
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Description

A fake dataframe with variables somewhat related to Diabetes. Contains character and numeric variables including NAs.

Usage

```
Diabetes
```

Format

A sample data frame containing data from 130 probands in 11 variables

freqtable1	<i>Gives a frequency table with 1 variable showing absolute'n'relative frequencies</i>
------------	--

Description

Gives a frequency table with 1 variable showing absolute'n'relative frequencies

Usage

```
freqtable1(x, useNA = "n")
```

Arguments

x	data and variable to enter (data\$variable)
useNA	either "always" or "never", abbr. supported, default="n"

Value

a frequency table with first row absolute numbers, second table are relative values

Examples

```
a <- c(1:5)
b <- c(11:15)
sample.data <- data.frame(a,b)
freqtable1(sample.data$a)
```

insertInAddin	<i>Insert '%in%'</i>
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Description

Insert '%in%'

Usage

insertInAddin()

Value

'%in%' as text

matplotlib_colors	<i>Matplotlib categorical color palette</i>
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Description

Matplotlib categorical color palette

Usage

matplotlib_colors

Format

An object of class character of length 10.

myorcid	<i>My orcid</i>
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Description

My orcid

Usage

myorcid

Format

An object of class character of length 1.

myorcid_url	<i>My orcid in URL</i>
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Description

My orcid in URL

Usage

```
myorcid_url
```

Format

An object of class character of length 1.

tableone_mat_to_data_frame	<i>Convert a tableone matrix to a dataframe</i>
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Description

Convert a tableone matrix to a dataframe

Usage

```
tableone_mat_to_data_frame(mat)
```

Arguments

mat	An object created through tableone()
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Value

a dataframe

References

developed & published in a gist from Kazuki Yoshida <https://gist.github.com/kaz-yos/7b4e97b633d61fa4d1d27f46f2534ae3>

write_tableone_mat_to_xlsx

Write tableone mat to excel file

Description

Write tableone mat to excel file

Usage

```
write_tableone_mat_to_xlsx(tableone_mat, file)
```

Arguments

tableone_mat	a tableone-object
file	the name of the file.xlsx

References

developed & published in a gist from Kazuki Yoshida <https://gist.github.com/kaz-yos/7b4e97b633d61fa4d1d27f46f2534ae3>

Index

* datasets

- Diabetes, [4](#)
- matplotlib_colors, [5](#)
- myorcid, [5](#)
- myorcid_url, [6](#)

[add_counts](#), [2](#)
[apply_rowwise](#), [3](#)

[clean_library](#), [3](#)

[Diabetes](#), [4](#)

[freqtable1](#), [4](#)

[insertInAddin](#), [5](#)

[matplotlib_colors](#), [5](#)
[myorcid](#), [5](#)
[myorcid_url](#), [6](#)

[tableone_mat_to_data_frame](#), [6](#)

[write_tableone_mat_to_xlsx](#), [7](#)