

Package ‘ConvenienceFunctions’

October 14, 2021

Type Package

Title Convenience functions for R for QBS181

Version 0.1.0

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Description We provide general utilities for common tasks in data wrangling

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Depends R (>= 3.5.0)

Encoding UTF-8

LazyData true

Imports stats,
ggplot2

RoxygenNote 7.1.2

R topics documented:

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completeFun	<i>Drop NAs by Columns</i>
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Description

Remove NAs based on specified columns in the data

Usage

```
completeFun(data, desiredCols)
```

Arguments

data	data.frame object of variation
desiredCols	list of columns from which incomplete cases should be dropped

Value

dataframe with removed observations

factorial

Factorial

Description

Function to calculate the factorial of a variable

Usage

```
factorial(x)
```

Arguments

x numeric vector

Value

numeric value of factorial

Examples

```
factorial(5)
```

gm_mean

Geometric mean

Description

Function to calculate the geometric mean of a variable

Usage

```
gm_mean(x, na.rm = TRUE)
```

Arguments

x numeric vector

Value

numeric value of geometric mean

Examples

```
x<-c(1,1,3,5,6,6)
gm_mean(x)
```

Modes	<i>Mode</i>
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Description

Function to calculate the mode of a variable

Usage

```
Modes(x)
```

Arguments

x numeric vector

Value

numeric vector of modes

Examples

```
x<-c(1,1,3,5,6,6)
Modes(x)
```

nonUnique	<i>Non-unique</i>
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Description

Function that returns all non-unique values in a vector

Usage

```
nonUnique(x)
```

Arguments

x numeric or character vector

Value

numeric or character vector of non-unique values

Examples

```
x<-c(1,1,3,5,6,6)
nonUnique(x)
```