Package: metalite.table1 (via r-universe)

September 8, 2024

Title Interactive Table of Descriptive Statistics in HTML

Version 0.4.0

Description Create an interactive table of descriptive statistics in
HTML. This table is typically used for exploratory analysis in
a clinical study (referred to as 'Table 1').

License GPL (>= 3)

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Imports metalite, reactable, htmltools, r2rtf, jsonlite

Suggests knitr, table1, devtools, ggplot2

VignetteBuilder knitr

Repository https://elong0527.r-universe.dev

RemoteUrl https://github.com/elong0527/metalite.table1

RemoteRef HEAD

RemoteSha 1a84fa1803f2c712b4d56cf98600371fb1d23226

Contents

---

metalite_table1   *Interactive Table of Descriptive Statistics in HTML*

Description

Interactive Table of Descriptive Statistics in HTML

Usage

```
metalite_table1(
  formula,
  data,
  id = NULL,
  var_listing = NULL,
  total = TRUE,
  header = NULL,
  download = "none",
  record_name = NULL,
  ...
)
```

Arguments

formula	an object of class "formula".
data	a data frame that contain variables described in the formula.
id	a character value to indicate subject/record id variable name in data.
var_listing	a character vector of additional variables included in the drill down listing.
total	a logical value to display or hide "Total" column.
header	a logical vector with length 1 or same length of the variables in formula to show the Number of xxx row of each variable. Default is to show the row for the first variable.
download	a character value to enable download button. Allowed values include "none", "listing", "table", and 'all'.
record_name	a character value to control section title (e.g. "Subjects", "Records").
...	additional arguments passed to reactable. More details refer https://glin.github.io/reactable/reference/reactable.html

Value

a shiny.tag.list object that contain a reactable HTML widget for interactive table of describptive statistics.

Examples

```
if (interactive()) {
  metalite_table1(~ AGE + SEX | TRT01A, data = r2rtf::r2rtf_adsl, id = "SUBJID")
}
```

---

metalite_table1_to_df   *Convert to data frame*

Description

Convert to data frame

Usage

```
metalite_table1_to_df(x)
```

Arguments

x   an output from `metalite_table1`.

Value

a data frame that contain the table from the html output and a `.id` variable for variables.

---

metalite_table1_to_html

Convert to html

Description

Convert to html

Usage

```
metalite_table1_to_html(x)
```

Arguments

x   an output from `metalite_table1`.

Value

HTML string of `reactable` HTML widget for interactive table of describptive statistics.

---

metalite_table1_to_rtf

Convert metalite_table1 *to an RTF file*

Description

Convert metalite_table1 to an RTF file

Usage

```
metalite_table1_to_rtf(
  x,
  file,
  title = "Baseline Characteristics",
  col_rel_width = NULL
)
```

Arguments

x	Output of metalite_table1.
file	A character string naming a file to save rtf file.
title	Title in a character string.
col_rel_width	Column relative width in a vector e.g. c(2,1,1) refers to 2:1:1. Default is NULL for equal column width.

Value

a string of the RTF file path

---

reactable_to_df   *Convert reactable to a data frame*

Description

Convert reactable to a data frame

Usage

```
reactable_to_df(x)
```

Arguments

x	A reactable HTML widget

Value

A data frame

Index