

Package ‘metalite.table1’

April 10, 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

RoxygenNote 7.2.3

Imports metalite, reactable, htmltools, r2rtf, jsonlite

Suggests knitr, table1, devtools, ggplot2

VignetteBuilder knitr

NeedsCompilation no

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`metalite_table1`*Interactive Table of Descriptive Statistics in HTML*

Description

Interactive Table of Descriptive Statistics in HTML

Usage

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

Arguments

<code>formula</code>	an object of class "formula".
<code>data</code>	a data frame that contain variables described in the formula.
<code>id</code>	a character value to indicate subject/record id variable name in data.
<code>var_listing</code>	a character vector of additional variables included in the drill down listing.
<code>total</code>	a logical value to display or hide "Total" column.
<code>header</code>	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.
<code>download</code>	a character value to enable download button. Allowed values include "none", "listing", "table", and 'all'.
<code>record_name</code>	a character value to control section title (e.g. "Subjects", "Records").
<code>...</code>	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 descriptive statistics.

Examples

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

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 descriptive 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 <code>metalite_table1</code> .
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. <code>c(2,1,1)</code> refers to 2:1:1. Default is NULL for equal column width.

Value

a string of the RTF file path

<code>reactable_to_df</code>	<i>Convert reactable to a data frame</i>
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Description

Convert reactable to a data frame

Usage

```
reactable_to_df(x)
```

Arguments

x	A reactable HTML widget
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Value

A data frame

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