Package ‘varsExplore’

July 13, 2020

Type  Package
Title  Searchable Variable Explorer with Labelled Variables
Version  0.3.0
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Description  Creates a summary dataframe that can be used in 'RStudio' similar to the variable explorer in 'Stata', but which also includes the summary statistics. By default the result is shown in the 'RStudio' Viewer Pane as a searchable data table. This is useful particularly if you have a large dataset with a very large number of labelled variables with hard to remember names. Can also be used to generate a table of summary statistics.
License  MIT + file LICENSE
Encoding  UTF-8
LazyData  true
Imports  dplyr, magrittr, purrr, tidyr, stringr, glue, DT, rstudioapi, rio
RoxygenNote  7.1.0
Suggests  knitr, rmarkdown
VignetteBuilder  knitr
NeedsCompilation  no
Repository  CRAN
Date/Publication  2020-07-13 04:30:03 UTC

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**datatable2**

*datatable2 - Datatable with child rows*

**Description**


**Usage**

```r
datatable2(x, vars = NULL, opts = NULL, font.size = "10pt", dom = "fti", ...)
```

**Arguments**

- `x` A dataframe  
- `vars` String vector. The variables you want to put in the details table, rather than keep in the main table.  
- `opts` Additional options for DT::datatable.  
- `font.size` String. Default is "10pt".  
- `dom` String. What DT::datatable elements to show. Default is 'fti'.  
- `...` Additional parameters for DT::datatable.

**Value**

A DT::datatable.

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**num_x**

*Numeric x*

**Description**

Numeric x

**Usage**

```r
num_x(x)
```

**Arguments**

- `x` A vector

**Value**

A vector of numbers with NAs removed, if ‘x’ is numeric. If ‘x’ is non-numeric or 100
vars_explore

Searchable variable explorer with labelled variables

Description

Creates a summary dataframe that can be used in RStudio similar to the variable explorer in Stata, but which also includes the summary statistics. If `viewer` is TRUE (default) the result is shown in RStudio’s Viewer pane as a searchable datatable.

Usage

```r
vars_explore(
  df,
  viewer = TRUE,
  digits = 2,
  font.size = "10pt",
  value.labels.width = 500,
  silent = TRUE,
  minimal = FALSE
)
```

Arguments

- `df`: A data frame.
- `viewer`: Logical. Whether to show results as a searchable datatable in RStudio’s Viewer pane. Default is TRUE.
- `font.size`: String. Font size in the Viewer Pane. Default is "10pt".
- `value.labels.width`: Numeric. How many characters to include in the "Value labels" and "Values" columns. Default is 500.
- `silent`: Logical. If FALSE, function will return the summary dataframe. Default is TRUE.
- `minimal`: If TRUE only the number of observations and missing values are shown. Default is FALSE.

Details

This is useful particularly if you have a large dataset with a very large number of labelled variables with hard to remember names. Can also be used to generate a table of summary statistics.

Value

If `silent = FALSE` the function returns the summary stats dataframe, each variable a row. This can be used for making summary tables, or viewed with the `View()` function.
Examples

```r
qog <- rio::import("http://www.qogdata.pol.gu.se/dataarchive/qog_bas_cs_jan18.dta")
vars_explore(qog, silent = FALSE, viewer = FALSE)
## Not run:
vars_explore(qog)
vars_explore(qog, minimal = TRUE)
vars_explore(qog, silent = FALSE, viewer = FALSE) %>% View()

## End(Not run)
qog_summary <- vars_explore(qog, silent = FALSE, viewer = FALSE)
```
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