

Package ‘ltable’

August 13, 2018

Type Package

Title Easy to Make (Lazy) Tables

Version 1.0

Date 2018-08-10

Author Ocheredko Oleksandr

Description

Constructs tables of counts and proportions out of data sets. It has simplified syntax appealing for novice and even for advanced user under time pressure. It is particularly suitable for exploratory data analysis or presentation to single out most appropriate pieces of tabulated information. The other important feature is possibility to insert tables to Excel and Word documents.

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License GPL (>= 2)

Depends R (>= 3.4.0)

Suggests utils, stats

NeedsCompilation no

Repository CRAN

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ltable-package *ltable*

Description

Constructs tables of counts and proportions out of data sets.

Details

Package: ltable

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Suggests: utils, stats

License: GPL (>= 2)

Note

You can:

1. construct tables with data set fields of factor, character, logical, and numeric classes;
2. insert tables into Excell and Word documents.

Author(s)

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See Also

[etable](#) [xtable](#) [tabular](#)

Examples

```
data(sdata, package="ltable")
table_f(sdata, "a")
table_f(sdata, "a", MV=TRUE, extended=TRUE)
table_f(sdata, "a,b,c")
table_f(sdata, "a,b,c,d", type=2, digits=3)
table_f(sdata, "b,c,a,d", MV=TRUE, extended=TRUE, cb=TRUE)
```

sdata

Simple Data.

Description

This data has no other meaning and purpose except for package functionality presentation.

Usage

```
data(sdata)
```

Format

A data frame with 22 observations (some values are purposely missing) on the following 4 variables.

a a logical vector

b a numeric vector

c a factor with levels female and male

d a character vector with variants "A" and "B"

Details

You can construct tables with data set fields of factor, character, logical, and numeric classes.

Examples

```
data(sdata, package="ltable")
```

table_f

Function table_f

Description

Constructs tables of counts and proportions out of data sets.

Usage

```
table_f(data, datavars, type=1, digits=2, extended=FALSE, MV=FALSE, cb=FALSE)
```

Arguments

data	name of the data set; object of <i>data.frame</i> class
datavars	the character string that lists field names separated by comma in the order of presentation in the table: first has its sorted levels rolled out vertically leftmost, the last has its sorted levels spread by columns
type	the type of table: 1 (default) - count table; 2 - proportions by rows; 3 - proportions by columns; 4 - frequencies
digits	formats output digits number, applied only to proportions, default is 2
extended	"+" adds margins of counts, applied only for proportions and frequencies, "-" by default
MV	includes missing values into tabulation, operates with type=1 only, FALSE by default
cb	TRUE permits to copy the table to clipboard, FALSE by default

Details

- You can construct table with data set fields of factor, character, logical, and numeric classes.
- To insert table into Word document first open Excell, choose left high corner of placement by mouse click and use Ctrl+V combination or click on the Paste icon (the clipboard), then use Ctrl+C, open Word document, use Ctrl+V to place the table.
- If You want to use clipboard to insert table into Word document use option cb=TRUE.

Value

returns object of class *data.frame*

Note

Abstain from putting continuous variables or too many factor variables into *datavars* list to keep table legible. Put factor variable with numerous levels at the end of the list.

Author(s)

Ocheredko Oleksandr <Ocheredko@yahoo.com>

See Also

[etable](#) [xtable](#) [tabular](#)

Examples

```
data(sdata, package="ltable")
table_f(sdata, "a")
table_f(sdata, "a", MV=TRUE, extended=TRUE)
table_f(sdata, "a,b,c")
table_f(sdata, "a,b,c,d", type=2, digits=3)
table_f(sdata, "b,c,a,d", MV=TRUE, extended=TRUE, cb=TRUE)
```

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