

Package ‘unga’

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Type Package

Title Makes Multiple Contingency Tables of a Data Frame

Version 0.1.0

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Description Makes it easy to extract data from a survey. You can use an explanatory variable and make multiple contingency tables for all variables in a data frame. You can also summarize response alternatives.
URL: <https://en.wikipedia.org/wiki/Contingency_table>.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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table_alt	<i>A function to explore response alternatives in a data frame</i>
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Description

A function to explore response alternatives in a data frame

Usage

```
table_alt(x)
```

Arguments

x a data frame

Value

the output from [return](#)

References

Norman M. Bradburn et al. 2004. Asking questions. 2nd revised edition. John Wiley & Sons

Examples

```
set.seed(123456)
gender<-round(runif(50,1,2))
variable_1<-round(runif(50,1,5))
variable_2<-round(runif(50,1,5))
variable_3<-round(runif(50,1,5))
df<-data.frame(gender,variable_1,variable_2,variable_3)
table_alt(df)
```

table_non_resp	<i>A function that return proportion of missing values in a data frame</i>
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Description

A function that return proportion of missing values in a data frame

Usage

```
table_non_resp(x)
```

Arguments

x data frame

Value

the output from [return](#)

References

Norman M. Bradburn et al. 2004. Asking questions. 2nd revised edition. John Wiley & Sons

Examples

```
set.seed(123456)
gender<-round(runif(50,1,2))
variable_1<-sample(c(1,2,3,4,5,6,NA),50,replace = TRUE)
variable_2<-sample(c(1,2,3,4,5,6,NA),50,replace = TRUE)
variable_3<-sample(c(1,2,3,4,5,6,NA),50,replace = TRUE)
df<-data.frame(gender,variable_1,variable_2,variable_3)
table_non_resp(df)
```

table_non_resp_2

A function that return absolute vaules of missing values in a data frame

Description

A function that return absolute vaules of missing values in a data frame

Usage

```
table_non_resp_2(x)
```

Arguments

x a data frame

Value

the output from [return](#)

References

Norman M. Bradburn et al. 2004. Asking questions. 2nd revised edition. John Wiley & Sons

Examples

```
set.seed(123456)
gender<-round(runif(50,1,2))
variable_1<-sample(c(1,2,3,4,5,6,NA),50,replace = TRUE)
variable_2<-sample(c(1,2,3,4,5,6,NA),50,replace = TRUE)
variable_3<-sample(c(1,2,3,4,5,6,NA),50,replace = TRUE)
df<-data.frame(gender,variable_1,variable_2,variable_3)
table_non_resp_2(df)
```

table_unga	<i>A function for cross tabulation.</i>
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Description

Produces multiple prop.tables of a data frame. Extract questions with a specified number of response alternatives.

Usage

```
table_unga(qalt, sumopt, expvar, x)
```

Arguments

qalt	Number of response alternatives in a survey question
sumopt	Options for summation of proportions questions with 5 or 6 response alternatives, argument can be 1 or 2
expvar	Explanatory variable in your data frame, use numeric values
x	is a data frame

Value

the output from `print`

References

Norman M. Bradburn et al. 2004. Asking questions. 2nd revised edition. John Wiley & Sons

Examples

```
set.seed(123456)
gender<-round(runif(50,1,2))
variable_1<-round(runif(50,1,5))
variable_2<-round(runif(50,1,5))
variable_3<-round(runif(50,1,5))
df<-data.frame(gender,variable_1,variable_2,variable_3)
table_unga(5,1,gender,df)
```

table_unga_general	<i>Function to cross tabulate all variables in a data frame</i>
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Description

Function to cross tabulate all variables in a data frame

Usage

```
table_unga_general(expvar, x)
```

Arguments

expvar	explanatory variable
x	data frame

Value

the output from [return](#)

References

Norman M. Bradburn et al. 2004. Asking questions. 2nd revised edition. John Wiley & Sons

Examples

```
#' set.seed(123456)
gender<-round(runif(50,1,2))
variable_1<-round(runif(50,1,5))
variable_2<-round(runif(50,1,5))
variable_3<-round(runif(50,1,5))
df<-data.frame(gender,variable_1,variable_2,variable_3)
table_unga_general(gender,df)
```

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