

Package ‘sjtable2df’

June 22, 2022

Title Convert 'sjPlot' HTML-Tables to R 'data.frame'

Version 0.0.2

Description A small set of helper functions to convert 'sjPlot'
HTML-tables to R data.frame objects / knitr::kable-tables.

License GPL (>= 3)

URL <https://github.com/kapsner/sjtable2df>

BugReports <https://github.com/kapsner/sjtable2df/issues>

Depends R (>= 2.10)

Imports data.table, kableExtra, magrittr, rlang, rvest, xml2

Suggests knitr, lintr, lme4, mlbench, rmarkdown, sjPlot, stats,
testthat (>= 3.0.1)

VignetteBuilder knitr

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RoxygenNote 7.2.0

NeedsCompilation no

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Repository CRAN

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`mtab2df`*mtab2df*

Description

Convert table from ‘sjPlot::tab_model’ to R data.frame or ‘knitr::kable’

Usage

```
mtab2df(mtab, n_models, output = "data.table", ...)
```

Arguments

<code>mtab</code>	A model table, created with ‘sjPlot::tab_model’.
<code>n_models</code>	An integer, specifying the number of models in the table.
<code>output</code>	A character vector. Allowed values are: "data.table" (default), "data.frame" or "kable". The function’s return value is of the respective type.
<code>...</code>	Further arguments to be passed to ‘kableExtra::kbl’.

Value

The table is returned as an R object of the type specified with the ‘output’ argument.

Examples

```
set.seed(1)
dataset <- data.table::data.table(
  "var1" = factor(sample(
    x = c("yes", "no"),
    size = 100,
    replace = TRUE,
    prob = c(.3, .7)
  )),
  "var2" = factor(sample(
    x = c("yes", "no"),
    size = 100,
    replace = TRUE
  )),
  "var3" = rnorm(100)
)

# models
m0 <- stats::glm(
  var1 ~ 1,
  data = dataset,
  family = binomial(link = "logit")
)
```

```

m1 <- stats::glm(
  var1 ~ var2,
  data = dataset,
  family = binomial(link = "logit")
)
m2 <- stats::glm(
  var1 ~ var2 + var3,
  data = dataset,
  family = binomial(link = "logit")
)

m_table <- sjPlot::tab_model(m0, m1, m2, show.aic = TRUE)

final_tab <- sjtable2df::mtab2df(mtab = m_table, n_models = 3)

```

xtab2df

xtab2df

Description

Convert table from ‘sjPlot::tab_xtab’ to R data.frame or ‘knitr::kable’

Usage

```
xtab2df(xtab, output = "data.table", threeparttable = FALSE, ...)
```

Arguments

xtab A contingency table, created with ‘sjPlot::tab_xtab’.

output A character vector. Allowed values are: "data.table" (default), "data.frame" or "kable". The function’s return value is of the respective type.

threeparttable Boolean value indicating if a **threeparttable** scheme should be used.

... Further arguments to be passed to ‘kableExtra::kbl’.

Value

The table is returned as an R object of the type specified with the ‘output’ argument.

Examples

```

set.seed(1)
dataset <- data.table::data.table(
  "var1" = sample(
    x = c("yes", "no"),
    size = 100,
    replace = TRUE,
    prob = c(.3, .7)

```

```
),  
"var2" = sample(  
  x = c("yes", "no"),  
  size = 100,  
  replace = TRUE  
)  
)  
  
xtab <- sjPlot::tab_xtab(  
  var.row = dataset$var1,  
  var.col = dataset$var2,  
  show.summary = TRUE,  
  use.viewer = FALSE  
)  
  
sjtable2df::xtab2df(xtab = xtab)
```

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