Package 'sjtable2df'

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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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NeedsCompilation no

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Repository CRAN

R topics documented:

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

mtab	A model table, created with ‘sjPlot::tab_model‘.
n_models	An integer, specifiying the number of models in the table.
output	A character vector. Allowed values are: "data.table" (default), "data.frame" or "kable". The function's return value is of the respective type.
...	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)
```

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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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