

Package ‘sjtable2df’

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

Version 0.0.4

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 (>= 3.6)

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

Suggests lintr, lme4, mlbench, quarto, sjPlot, testthat (>= 3.0.1)

VignetteBuilder quarto

Config/testthat/edition 3

Config/testthat/parallel false

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Encoding UTF-8

SystemRequirements Quarto command line tools
(<https://github.com/quarto-dev/quarto-cli>).

RoxygenNote 7.3.2

NeedsCompilation no

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Repository CRAN

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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 <code>sjPlot::tab_model</code> .
<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 <code>kableExtra::kbl</code> .

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)

```

xstab2df

xstab2df

Description

Convert table from `sjPlot::tab_xstab` to R `data.frame` or `knitr::kable`

Usage

```
xstab2df(xstab, output = "data.table", threeparttable = FALSE, ...)
```

Arguments

<code>xstab</code>	A contingency table, created with <code>sjPlot::tab_xstab</code> .
<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>threeparttable</code>	Boolean value indicating if a threeparttable scheme should be used.
<code>...</code>	Further arguments to be passed to <code>kableExtra::kbl</code> .

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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