Package 'sjtable2df'

May 9, 2026

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

Version 0.0.5

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 (>= 4.1.0)

Imports data.table, kableExtra, 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 7.3.3

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

`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

```
if (requireNamespace("sjPlot", quietly = TRUE)) {
  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

```
if (requireNamespace("sjPlot", quietly = TRUE)) {
  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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