

Hmisc::summaryM - latex call in knitr output

Abstract

Example demonstrating latex call being included in pdf outout when using Hmisc::latex on summaryM table.

Without 'knitrSet'

```
tblex <- summaryM(displ + hp + drat + wt ~ cyl, data = mtcars)
Hmisc::latex(tblex, digits = 2, prmsd = T, brmsd = F, long = T, what = "%",
  formatArgs=list(big.mark = " "), table.env = T, booktabs = F,
  file="", npct.size = "small", size = "small", legend.bottom = T,
  middle.bold = T, where="!htbp")
```

```
%latex.default(cstats, title = title, file = file, append = TRUE, caption = finalcaption, rowlabel = rowlabel,
table.env = (!tabenv1 && table.env) || (tabenv1 && istr == 1), col.just = col.just, numeric.dollar = FALSE,
insert.bottom = finallegend, rowname = lab, dcolumn = dcolumn, extracolheads = extracolheads, extracolsize
= NNsize, insert.top = if (strat != "ALL.") strat, ...)%
```

Table 1: Descriptive Statistics($N = 32$)

| | 4 | | | 6 | | | 8 | | |
|-------|----------|-------------|--------------------|---------|-------------|--------------------|----------|-------------|--------------------|
| | $N = 11$ | | | $N = 7$ | | | $N = 14$ | | |
| displ | 79 | 108 | 121 (105 ± 27) | 160 | 168 | 196 (183 ± 42) | 302 | 350 | 390 (353 ± 68) |
| hp | 66 | 91 | 96 (83 ± 21) | 110 | 110 | 123 (122 ± 24) | 176 | 192 | 241 (209 ± 51) |
| drat | 3.81 | 4.08 | 4.17 (4.07 ± 0.37) | 3.35 | 3.90 | 3.91 (3.59 ± 0.48) | 3.07 | 3.12 | 3.22 (3.23 ± 0.37) |
| wt | 1.89 | 2.20 | 2.62 (2.29 ± 0.57) | 2.82 | 3.21 | 3.44 (3.12 ± 0.36) | 3.53 | 3.75 | 4.01 (4.00 ± 0.76) |

a b c represent the lower quartile a , the median b , and the upper quartile c for continuous variables. $x \pm s$ represents $\bar{X} \pm 1$ SD.

With 'knitrSet' (makes no difference to this particular problem)

```
knitrSet(lang = 'markdown')
Hmisc::latex(tblex, digits = 2, prmsd = T, brmsd = F, long = T, what = "%",
  formatArgs=list(big.mark = " "), table.env = T, booktabs = F,
  file="", npct.size = "small", size = "small", legend.bottom = T,
  middle.bold = T, where="!htbp")
```

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%latex.default(cstats, title = title, file = file, append = TRUE, caption = finalcaption, rowlabel = rowlabel,
table.env = (!tabenv1 && table.env) || (tabenv1 && istr == 1), col.just = col.just, numeric.dollar = FALSE,
insert.bottom = finallegend, rowname = lab, dcolumn = dcolumn, extracolheads = extracolheads, extracolsize
= NNsize, insert.top = if (strat != "ALL.") strat, ...)%
```

Table 2: Descriptive Statistics($N = 32$)

| | 4 | | | 6 | | | 8 | | | | | |
|------|----------|-------------|------|---------------|------|-------------|----------|---------------|------|-------------|------|---------------|
| | $N = 11$ | | | $N = 7$ | | | $N = 14$ | | | | | |
| disp | 79 | 108 | 121 | (105 ± 27) | 160 | 168 | 196 | (183 ± 42) | 302 | 350 | 390 | (353 ± 68) |
| hp | 66 | 91 | 96 | (83 ± 21) | 110 | 110 | 123 | (122 ± 24) | 176 | 192 | 241 | (209 ± 51) |
| drat | 3.81 | 4.08 | 4.17 | (4.07 ± 0.37) | 3.35 | 3.90 | 3.91 | (3.59 ± 0.48) | 3.07 | 3.12 | 3.22 | (3.23 ± 0.37) |
| wt | 1.89 | 2.20 | 2.62 | (2.29 ± 0.57) | 2.82 | 3.21 | 3.44 | (3.12 ± 0.36) | 3.53 | 3.75 | 4.01 | (4.00 ± 0.76) |

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