Simple Tables Demo Doc

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1 Data

Mostly working with this data; but some others come in later to illustrate certain features.

```
library(pmtables)
library(yspec)
spec <- ys_help$spec()</pre>
data <- pmt summarized
data
## # A tibble: 13 x 9
##
     STUDY
                 DOSE
                       FORM
                               N
                                     WT
                                           CRCL AGE
                                                      ALB
                                                            SCR
##
     <chr>>
                 <chr> <chr>
                               <chr> <chr> <chr> <chr> <chr> <chr> <chr>
##
   1 12-DEMO-001 100 mg tablet 80
                                     71.4
                                          104
                                                 33.7
                                                      4.20 1.06
   2 12-DEMO-001 150 mg capsule 16
                                     89.4 122
                                                24.4 4.63 1.12
  3 12-DEMO-001 150 mg tablet 48
                                     81.7 104
                                                34.4 3.83 0.910
  4 12-DEMO-001 150 mg troche 16
                                     94.0 93.2 27.4 4.94 1.25
##
                                           100
                                                27.5
                                                      4.25 1.10
## 5 12-DEMO-001 200 mg tablet 64
                                     67.9
  6 12-DEMO-001 200 mg troche 16
                                     76.6 99.2 22.8 4.54 1.15
##
  7 12-DEMO-002 100 mg capsule 36
                                     61.3 113
                                                38.3 4.04 1.28
  8 12-DEMO-002 100 mg tablet 324
                                     77.6 106
                                                29.9 4.31 0.981
## 9 12-DEMO-002 50 mg capsule 36
                                     74.1 112
                                                37.1 4.44
                                                           0.900
                                     71.2 106
                                                34.1 4.63 0.868
## 10 12-DEMO-002 50 mg tablet 324
## 11 12-DEMO-002 75 mg capsule 36
                                     72.4 105
                                                38.2 3.89 0.900
## 12 12-DEMO-002 75 mg tablet 288
                                     71.6 98.9 34.2 4.49 0.991
## 13 12-DEMO-002 75 mg troche 36
                                     73.6 103
                                                49.2 4.52 0.930
```

2 wrap

There is a wrap function in this document. Don't worry about that; it just puts the output into a table environment and sends the output to get rendered in markdown.

3 Simple table

• Columns are in bold by default (can be turned off)

data %>% stable(units = ys_get_unit(spec, parens = TRUE)) %>% pt_wrap(stdout())

| STUDY | DOSE | FORM | N | WT (kg) | CRCL (ml/min) | AGE (years) | ALB (g/dL) | SCR (mg/dL) |
|-------------|--------|---------|-----|------------|---------------|----------------|---------------|----------------|
| 12-DEMO-001 | 100 mg | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| 12-DEMO-001 | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| 12-DEMO-001 | 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 12-DEMO-001 | 150 mg | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| 12-DEMO-001 | 200 mg | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| 12-DEMO-001 | 200 mg | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| 12-DEMO-002 | 100 mg | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| 12-DEMO-002 | 100 mg | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| 12-DEMO-002 | 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| 12-DEMO-002 | 50 mg | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| 12-DEMO-002 | 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| 12-DEMO-002 | 75 mg | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| 12-DEMO-002 | 75 mg | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

4 Long table

```
data <- ptdata()
data <- map_dfr(1:3, ~ data) %>% arrange(STUDY,DOSE,FORM)

data %>%
    stable_long(
    panel = "STUDY", cols_bold = TRUE,
    units = ys_get_unit(spec, parens = TRUE),
    notes = "The results look great!",
    clear_reps = "DOSE",
    cols_rename = c(Formulation = "FORM"),
    r_file = "foo.R", output_file = "../deliv/table/output.tex",
    note_config = noteconf(type = "minipage", width = 0.8,table_skip = 0.1)
) %>% st_wrap(stdout(), table = FALSE)
```

| DOSE | Formulation | N | WT (kg) | CRCL (ml/min) | AGE (years) | ALB (g/dL) | SCR (mg/dL) |
|-------------|-------------|-----|------------|---------------|----------------|---------------|----------------|
| 12-DEMO-001 | | | | | | <u> </u> | <u> </u> |
| 100 mg | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| 200 mg | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| 12-DEM | O-002 | | | | | | |
| 100 mg | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |

continued on next page

| DOSE | Formulation | N | WT (kg) | CRCL (ml/min) | AGE (years) | ALB (g/dL) | SCR (mg/dL) |
|-------|-------------|-----|------------|---------------|----------------|---------------|----------------|
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

The results look great! Source code: foo.R Source file: output.tex

5 Pass in the caption

```
data %>%
  stable_long(
   panel = "STUDY",
   cols_bold = TRUE,
   notes = "The results look great!",
   clear_reps = "DOSE",
   lt_cap_text = "This is a super-interesting table.",
   note_config = noteconf(type = "minipage", table_skip = 0.1)
) %>% st_latex(stdout())
```

Table 2: This is a super-interesting table.

| 12-DEM | | EOF: 7 | • | **** | OD 07 | 165 | 47.5 | |
|---|--------|---------|-----|------|-------|------|------|-------|
| 100 mg tablet 80 71.4 104 33.7 4.20 1.06 150 mg tablet 80 71.4 104 33.7 4.20 1.06 150 mg tablet 80 71.4 104 33.7 4.20 1.06 150 mg capsule 16 89.4 122 24.4 4.63 1.12 capsule 16 89.4 122 24.4 4.63 1.12 capsule 16 89.4 122 24.4 4.63 1.12 capsule 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 | DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
| 150 mg tablet 80 71.4 104 33.7 4.20 1.06 150 mg capsule 16 89.4 122 24.4 4.63 1.12 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | |
| 150 mg tablet 80 71.4 104 33.7 4.20 1.0e 150 mg capsule 16 89.4 122 24.4 4.63 1.12 capsule 16 89.4 122 24.4 4.63 1.12 capsule 16 89.4 122 24.4 4.63 1.12 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 <td>100 mg</td> <td></td> <td>80</td> <td>71.4</td> <td></td> <td></td> <td>4.20</td> <td></td> | 100 mg | | 80 | 71.4 | | | 4.20 | |
| 150 mg capsule 16 89.4 122 24.4 4.63 1.12 capsule 16 89.4 122 24.4 4.63 1.12 capsule 16 89.4 122 24.4 4.63 1.12 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 tablet 66 67.9 100 27.5 4.25 1.10 tablet 76.6 99.2 22.8 <td></td> <td></td> <td>80</td> <td>71.4</td> <td></td> <td>33.7</td> <td></td> <td></td> | | | 80 | 71.4 | | 33.7 | | |
| capsule 16 89.4 122 24.4 4.63 1.12 tablet 48 89.4 122 24.4 4.63 1.12 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 64.0 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 troche 16 76.6 99.2 22.8 | | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| Capsule 16 89.4 122 24.4 4.63 1.12 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 troche 16 76.6 99.2 22.8 4.54 | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 t2reben 16 76.6 99.2 22.8 4.54 1.15 t2reben 36 61.3 113 38.3 | | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| tablet 48 81.7 104 34.4 3.83 0.910 tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 troche 16 76.6 10.3 113 38.3 4.04 1.28 troche <td< td=""><td></td><td>capsule</td><td>16</td><td>89.4</td><td>122</td><td>24.4</td><td>4.63</td><td>1.12</td></td<> | | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| tablet 48 81.7 104 34.4 3.83 0.910 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 troche 36 61.3 113 38.3 4.04 1.28 tablet 324 <td< td=""><td></td><td>tablet</td><td>48</td><td>81.7</td><td>104</td><td>34.4</td><td>3.83</td><td>0.910</td></td<> | | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 12 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.980 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 36 74.1 112 37.1 4.44 0.900 tablet 36 74.1 112 37.1 4.44 0.900 tablet 36 74.1 112 37.1 4.44 0.900 | | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 100 mg capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 | | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 200 mg troche 16 94.0 93.2 27.4 4.94 1.25 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 12-DEMO-002 12 12 13 38.3 4.04 1.28 100 mg capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 | | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| 200 mg tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 12-DEW-Oez 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 | | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| tablet 64 67.9 100 27.5 4.25 1.10 tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 troche 36 61.3 113 38.3 4.04 1.28 troche 36 61.3 113 38.3 4.04 1.28 troche 324 77.6 106 29.9 4.31 0.981 troche | | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| tablet 64 67.9 100 27.5 4.25 1.10 troche 16 76.6 99.2 22.8 4.54 1.15 troche 16 76.6 99.2 22.8 4.54 1.15 troche 16 76.6 99.2 22.8 4.54 1.15 12-DEMO-002 100 mg capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 ca | 200 mg | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| troche 16 76.6 99.2 22.8 4.54 1.15 troche 6 61.3 113 38.3 4.04 1.28 troche 36 61.3 113 38.3 4.04 1.28 troche 324 77.6 106 29.9 4.31 0.981 troche 324 77.6 106 29.9 4.31 0.990 t | | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| troche 16 76.6 99.2 22.8 4.54 1.15 12-DEMU-002 100 mg capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 tablet | | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| troche 16 76.6 99.2 22.8 4.54 1.15 12-DEMC-002 100 mg capsule 36 61.3 113 38.3 4.04 1.28 100 mg capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.960 | | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| 12-DEMU-002 100 mg capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| 100 mg capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| capsule 36 61.3 113 38.3 4.04 1.28 capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | 12-DEM | O-002 | | | | | | |
| capsule 36 61.3 113 38.3 4.04 1.28 tablet 324 77.6 106 29.9 4.31 0.981 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | 100 mg | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| tablet 324 77.6 106 29.9 4.31 0.981 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| tablet 324 77.6 106 29.9 4.31 0.981 50 mg capsule 324 77.6 106 29.9 4.31 0.981 50 mg capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| tablet32477.610629.94.310.98150 mgcapsule3674.111237.14.440.900capsule3674.111237.14.440.900capsule3674.111237.14.440.900tablet32471.210634.14.630.868 | | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| 50 mg capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| capsule 36 74.1 112 37.1 4.44 0.900 capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| capsule 36 74.1 112 37.1 4.44 0.900 tablet 324 71.2 106 34.1 4.63 0.868 | 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| tablet 324 71.2 106 34.1 4.63 0.868 | | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| tablet 324 71.2 106 34.1 4.63 0.868 | | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |

continued on next page

| DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
|-------|---------|-----|------|------|------|------|-------|
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

The results look great!

6 Use a caption from tex macro

```
writeLines("\\newcommand{\\myfbtable}{This is a caption from a macro}\\vskip 0.5cm")
```

```
data %>%
  stable_long(
   panel = "STUDY",
   cols_bold = TRUE,
   notes = "FORM: formulation",
   r_file = "demo-longtable.Rmd",
   output_file = "foo.tex",
   clear_reps = "DOSE",
   lt_cap_macro = "myfbtable",
   note_config = noteconf(width = 0.7, type = "minipage", table_skip = 0.1)
) %>% st_latex(stdout())
```

Table 3: This is a caption from a macro

| DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
|--------|---------|-----|------|------|------|------|-------|
| 12-DEM | O-001 | | | | | | |
| 100 mg | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |
| 200 mg | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| | tablet | 64 | 67.9 | 100 | 27.5 | 4.25 | 1.10 |
| | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| 12-DEM | O-002 | | | | | | |
| 100 mg | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |

continued on next page

| DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
|-------|---------|-----|------|------|------|------|-------|
| | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |
| | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

FORM: formulation

Source code: demo-longtable.Rmd

Source file: foo.tex

7 Annotate

- Arguments to identify the name of the generating R script and the output file name
- The output file name is retained as an attribute to be used later when saving the table data
- Arbitrary notes are also allowed (encouraged)

```
stable(
  data[1:10,],
  r_file = "foo.R",
  output_file = "foo.tex",
  notes = c("Data were analyzed in quadruplicate.", "The results are very clear."),
) %>% pt_wrap(stdout())
```

| STUDY | DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
|-------------|--------|---------|----|------|------|------|------|-------|
| 12-DEMO-001 | 100 mg | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| 12-DEMO-001 | 100 mg | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| 12-DEMO-001 | 100 mg | tablet | 80 | 71.4 | 104 | 33.7 | 4.20 | 1.06 |
| 12-DEMO-001 | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| 12-DEMO-001 | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| 12-DEMO-001 | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| 12-DEMO-001 | 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 12-DEMO-001 | 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 12-DEMO-001 | 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 12-DEMO-001 | 150 mg | troche | 16 | 94.0 | 93.2 | 27.4 | 4.94 | 1.25 |

Data were analyzed in quadruplicate.

The results are very clear.

Source code: foo.R Source file: foo.tex