

Simple Tables Demo Doc

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```
library(dplyr)
library(purrr)
library(yspec)
library(pmtables)

spec <- ys_help$spec()

units <- ys_get_unit(spec, parens = TRUE)
```

1 Basic table

```
out <- stable(pmt_summarized)
```

```
pt_wrap(out, con = 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 | 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 |

```
if(params$save) {  
  stable_save(out, file = "basic-table.tex", dir = params$dir)  
}
```

2 Bold cols

```
out <- stable(pmt_summarized, cols_bold = TRUE)

pt_wrap(out, con = 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 | 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 |

```
if(params$save) {
  stable_save(out, file = "basic-table-bold.tex", dir = params$dir)
}
```

3 File names

```
out <- stable(pmt_summarized, r_file = "validate.Rmd", output_file = "file-names.tex")  
pt_wrap(out, con = 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 | 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 |

Source code: validate.Rmd

Source file: file-names.tex

```
if(params$save) {  
  stable_save(out, dir = params$dir)  
}  
file.exists("file-names.tex")
```

```
## [1] TRUE
```

4 Notes tpt

```
out <- stable(pmt_summarized, notes = c("WT: weight", "ALB: albumin"))  
pt_wrap(out, con = 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 | 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 |

WT: weight
ALB: albumin

```
if(params$save) {  
  stable_save(out, file = "notes-tpt.tex", dir = params$dir)  
}
```

5 Notes minipage

```
conf <- noteconf(type = 'minipage')  
  
out <- stable(pmt_summarized, notes = c("WT: weight", "ALB: albumin"), note_config = conf)  
  
pt_wrap(out, con = 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 | 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 |

WT: weight

ALB: albumin

```
if(params$save) {  
  stable_save(out, file = "notes-mini.tex", dir = params$dir)  
}
```

6 Panel basic

```
out <- stable(pmt_summarized, panel = "STUDY")
```

```
pt_wrap(out, con = stdout())
```

| DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
|--------------------|---------|-----|------|------|------|------|-------|
| 12-DEMO-001 | | | | | | | |
| 100 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 |
| 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 150 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 |
| 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 |
| 100 mg | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| 50 mg | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| 75 mg | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| 75 mg | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

```
if(params$save) {  
  stable_save(out, file = "panel-basic.tex", dir = params$dir)  
}
```


7 Panel prefix

```
out <- stable(pmt_summarized, panel = as.panel("STUDY", prefix = "Study: "))
pt_wrap(out, con = stdout())
```

| DOSE | FORM | N | WT | CRCL | AGE | ALB | SCR |
|---------------------------|---------|-----|------|------|------|------|-------|
| Study: 12-DEMO-001 | | | | | | | |
| 100 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 |
| 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| 150 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 |
| 200 mg | troche | 16 | 76.6 | 99.2 | 22.8 | 4.54 | 1.15 |
| Study: 12-DEMO-002 | | | | | | | |
| 100 mg | capsule | 36 | 61.3 | 113 | 38.3 | 4.04 | 1.28 |
| 100 mg | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| 50 mg | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| 75 mg | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| 75 mg | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

```
if(params$save) {
  stable_save(out, file = "panel-prefix.tex", dir = params$dir)
}
```

8 Clear reps

```
out <- stable(pmt_summarized, clear_reps = "STUDY")
```

```
pt_wrap(out, con = 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 |
| | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | 150 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 |
| | 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 |
| | 100 mg | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| | 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | 50 mg | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | 75 mg | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | 75 mg | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

```
if(params$save) {  
  stable_save(out, file = "clear-reps.tex", dir = params$dir)  
}
```

9 Clear grouped reps

```
out <- stable(pmt_summarized, clear_grouped_reps = "STUDY,DOSE")  
pt_wrap(out, con = 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 |
| | | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | 200 mg | 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 |
| | | 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 |
| | | 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 | 0.868 |
| | 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

```
if(params$save) {  
  stable_save(out, file = "clear-grouped-reps.tex", dir = params$dir)  
}
```

10 hline at

```
out <- stable(pmt_summarized, hline_at = c(2,4,6))
```

```
pt_wrap(out, con = 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 | 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 |

```
if(params$save) {  
  stable_save(out, file = "hline-at.tex", dir = params$dir)  
}
```

11 hline from

```
out <- stable(pmt_summarized, hline_from = "STUDY")  
pt_wrap(out, con = 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 | 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 |

```
if(params$save) {  
  stable_save(out, file = "hline-from.tex", dir = params$dir)  
}
```

12 hline from with clear

```
out <- stable(pmt_summarized, hline_from = "STUDY", clear_reps = "STUDY")
pt_wrap(out, con = 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 |
| | 150 mg | capsule | 16 | 89.4 | 122 | 24.4 | 4.63 | 1.12 |
| | 150 mg | tablet | 48 | 81.7 | 104 | 34.4 | 3.83 | 0.910 |
| | 150 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 |
| | 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 |
| | 100 mg | tablet | 324 | 77.6 | 106 | 29.9 | 4.31 | 0.981 |
| | 50 mg | capsule | 36 | 74.1 | 112 | 37.1 | 4.44 | 0.900 |
| | 50 mg | tablet | 324 | 71.2 | 106 | 34.1 | 4.63 | 0.868 |
| | 75 mg | capsule | 36 | 72.4 | 105 | 38.2 | 3.89 | 0.900 |
| | 75 mg | tablet | 288 | 71.6 | 98.9 | 34.2 | 4.49 | 0.991 |
| | 75 mg | troche | 36 | 73.6 | 103 | 49.2 | 4.52 | 0.930 |

```
if(params$save) {
  stable_save(out, file = "hline-from-clear.tex", dir = params$dir)
}
```

13 Align

```
align <- cols_center(.outer = 'lr', DOSE = 'r')  
  
out <- stable(pmt_summarized, align = align)  
  
pt_wrap(out, con = 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 | 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 |

```
if(params$save) {  
  stable_save(out, file = "align.tex", dir = params$dir)  
}
```

14 rename

```
out <- stable(pmt_summarized, cols_rename = c(Weight = "WT", Dose = "DOSE"))  
pt_wrap(out, con = stdout())
```

| STUDY | Dose | FORM | N | Weight | CRCL | AGE | ALB | SCR |
|-------------|--------|---------|-----|--------|------|------|------|-------|
| 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 |

```
if(params$save) {  
  stable_save(out, file = "col-rename.tex", dir = params$dir)  
}
```


15 blank

```
out <- stable(pmt_summarized, cols_blank = "WT,ALB")
pt_wrap(out, con = stdout())
```

| STUDY | DOSE | FORM | N | | CRCL | AGE | | SCR |
|-------------|--------|---------|-----|------|------|------|------|-------|
| 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 |

```
if(params$save) {
  stable_save(out, file = "col-blank.tex", dir = params$dir)
}
```

16 multi-line

```
out <- stable(pmt_summarized, cols_rename = c("Protocol...Number" = "STUDY", Weight = "WT"))
pt_wrap(out, con = stdout())
```

| Protocol Number | DOSE | FORM | N | Weight | CRCL | AGE | ALB | SCR |
|--------------------|--------|---------|-----|--------|------|------|------|-------|
| 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 |

```
if(params$save) {
  stable_save(out, file = "col-multi-line.tex", dir = params$dir)
}
```

17 multi-line units

```
out <- stable(
  pmt_summarized,
  cols_rename = c("Protocol...Number" = "STUDY", Weight = "WT"),
  units = units
)

pt_wrap(out, con = stdout())
```

| Protocol Number | DOSE | FORM | N | Weight (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 |

```
if(params$save) {
  stable_save(out, file = "col-multi-line-units.tex", dir = params$dir)
}
```

18 span

```
out <- stable(
  pmt_summarized,
  span = colgroup("Final model", AGE:CRCL)
)

pt_wrap(out, con = stdout())
```

| STUDY | DOSE | FORM | N | WT | Final model | | | |
|-------------|--------|---------|-----|------|-------------|------|------|-------|
| | | | | | CRCL | AGE | ALB | SCR |
| 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 |

```
if(params$save) {
  stable_save(out, file = "span.tex", dir = params$dir)
}
```

19 span levels

```
out <- stable(
  pmt_summarized,
  span = list(
    colgroup("All covariates", WT:SCR, level = 2),
    colgroup("Final model", AGE:CRCL)
  )
)

pt_wrap(out, con = stdout())
```

| STUDY | DOSE | FORM | N | All covariates | | | | |
|-------------|--------|---------|-----|----------------|------|------|------|-------|
| | | | | Final model | | | | |
| | | | | WT | CRCL | AGE | ALB | SCR |
| 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 |

```
if(params$save) {
  stable_save(out, file = "span-levels.tex", dir = params$dir)
}
```

20 Row spacing

```
out <- stable(  
  pmt_summarized,  
  sizes = tab_size(row = 0.8)  
)  
  
pt_wrap(out, con = 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 | 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 |

```
if(params$save) {  
  stable_save(out, file = "row-space.tex", dir = params$dir)  
}
```

21 Col spacing

```
out <- stable(
  pmt_summarized,
  sizes = tab_size(col = 15)
)
```

```
pt_wrap(out, con = 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 | 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 |

```
if(params$save) {
  stable_save(out, file = "col-space.tex", dir = params$dir)
}
```

22 Header spacing

- Extra space between table rows
- Tight space between header rows

```
out <- stable(
  pmt_summarized,
  cols_rename = c("Clinical ... Study ... Number" = "STUDY"),
  sizes = tab_size(row = 2.4, header_row = -1.4)
)

pt_wrap(out, con = stdout())
```

| Clinical Study Number | 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 | 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 |

```
if(params$save) {
  stable_save(out, file = "header-space.tex", dir = params$dir)
}
```


23 Continuous long panel

```
out <- pt_cont_long(
  pmt_first, cols = "WT,CRCL,ALB", panel = "STUDYf",
  units = units
) %>% as_stable()

pt_wrap(out, con = stdout())
```

| Variable | n | Mean | Median | SD | Min / Max |
|--------------------|-----|------|--------|-------|-------------|
| 12-DEMO-001 | | | | | |
| WT (kg) | 29 | 72.2 | 70.0 | 14.3 | 50.9 / 97.2 |
| CRCL (ml/min) | 29 | 106 | 104 | 9.46 | 93.2 / 126 |
| ALB (g/dL) | 29 | 4.28 | 4.08 | 0.474 | 3.56 / 5.15 |
| 12-DEMO-002 | | | | | |
| WT (kg) | 49 | 72.4 | 72.1 | 11.5 | 51.5 / 96.6 |
| CRCL (ml/min) | 49 | 103 | 103 | 8.35 | 90.6 / 121 |
| ALB (g/dL) | 50 | 4.47 | 4.43 | 0.468 | 3.65 / 5.39 |
| 11-DEMO-005 | | | | | |
| WT (kg) | 39 | 68.9 | 65.4 | 14.5 | 43.6 / 92.8 |
| CRCL (ml/min) | 39 | 58.8 | 56.2 | 29.7 | 15.4 / 103 |
| ALB (g/dL) | 39 | 4.41 | 4.44 | 0.537 | 3.51 / 5.39 |
| 13-DEMO-001 | | | | | |
| WT (kg) | 40 | 69.4 | 68.1 | 11.6 | 50.7 / 96.6 |
| CRCL (ml/min) | 37 | 102 | 102 | 8.19 | 90.7 / 119 |
| ALB (g/dL) | 38 | 3.58 | 3.65 | 1.15 | 1.28 / 5.38 |
| All data | | | | | |
| WT (kg) | 157 | 70.7 | 70.0 | 12.8 | 43.6 / 97.2 |
| CRCL (ml/min) | 154 | 92.1 | 98.8 | 25.5 | 15.4 / 126 |
| ALB (g/dL) | 156 | 4.20 | 4.32 | 0.793 | 1.28 / 5.39 |

n: number of records summarized

SD: standard deviation

Min: minimum; Max: maximum

```
if(params$save) {
  stable_save(out, file = "continuous-long-panel.tex", dir = params$dir)
}
```

24 Continuous wide by

```
out <- pt_cont_wide(  
  pmt_first,  
  cols = "WT,CRCL,ALB", by = "STUDYf",  
  units = units  
) %>% as_stable()  
  
pt_wrap(out, con = stdout())
```

| STUDYf | WT (kg) | CRCL (ml/min) | ALB (g/dL) |
|-----------------|-------------------|-------------------|--------------------|
| 12-DEMO-001 | 72.2 (14.3) [29] | 106 (9.46) [29] | 4.28 (0.474) [29] |
| 12-DEMO-002 | 72.4 (11.5) [49] | 103 (8.35) [49] | 4.47 (0.468) [50] |
| 11-DEMO-005 | 68.9 (14.5) [39] | 58.8 (29.7) [39] | 4.41 (0.537) [39] |
| 13-DEMO-001 | 69.4 (11.6) [40] | 102 (8.19) [37] | 3.58 (1.15) [38] |
| All data | 70.7 (12.8) [157] | 92.1 (25.5) [154] | 4.20 (0.793) [156] |

Summary is mean (sd) [count]

```
if(params$save) {  
  stable_save(out, file = "continuous-wide-by.tex", dir = params$dir)  
}
```

25 Categorical long by

```
out <- pt_cat_long(
  pmt_first,
  cols = "SEXf,RFf,FORMf",
  span = "STUDYf"
) %>% as_stable()

pt_wrap(out, con = stdout())
```

| | STUDYf | | | | |
|--------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| | 12-DEMO-001 n = 30 | 12-DEMO-002 n = 50 | 11-DEMO-005 n = 40 | 13-DEMO-001 n = 40 | Summary n = 160 |
| SEXf | | | | | |
| male | 10 (33.3) | 18 (36.0) | 29 (72.5) | 23 (57.5) | 80 (50.0) |
| female | 20 (66.7) | 32 (64.0) | 11 (27.5) | 17 (42.5) | 80 (50.0) |
| RFf | | | | | |
| normal | 30 (100.0) | 50 (100.0) | 10 (25.0) | 40 (100.0) | 130 (81.2) |
| mild | 0 (0.0) | 0 (0.0) | 10 (25.0) | 0 (0.0) | 10 (6.2) |
| moderate | 0 (0.0) | 0 (0.0) | 10 (25.0) | 0 (0.0) | 10 (6.2) |
| severe | 0 (0.0) | 0 (0.0) | 10 (25.0) | 0 (0.0) | 10 (6.2) |
| FORMf | | | | | |
| tablet | 25 (83.3) | 42 (84.0) | 30 (75.0) | 33 (82.5) | 130 (81.2) |
| capsule | 3 (10.0) | 6 (12.0) | 3 (7.5) | 3 (7.5) | 15 (9.4) |
| troche | 2 (6.7) | 2 (4.0) | 7 (17.5) | 4 (10.0) | 15 (9.4) |

Summary is count (percent)
n: number of records summarized

```
if(params$save) {
  stable_save(out, file = "cat-long-span.tex", dir = params$dir)
}
```

26 Categorical wide by panel

```
out <- pt_cat_wide(
  pmt_first,
  cols = "SEXf,RFf",
  by = "FORMf",
  panel = "STUDYf"
) %>% as_stable()

pt_wrap(out, con = stdout())
```

| FORMf | n | SEXf | | RFf | | | |
|-------------|-----|-----------|-----------|------------|----------|----------|----------|
| | | male | female | normal | mild | moderate | severe |
| 12-DEMO-001 | | | | | | | |
| tablet | 25 | 7 (28.0) | 18 (72.0) | 25 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| capsule | 3 | 1 (33.3) | 2 (66.7) | 3 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| troche | 2 | 2 (100.0) | 0 (0.0) | 2 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| 12-DEMO-002 | | | | | | | |
| tablet | 42 | 16 (38.1) | 26 (61.9) | 42 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| capsule | 6 | 2 (33.3) | 4 (66.7) | 6 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| troche | 2 | 0 (0.0) | 2 (100.0) | 2 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| 11-DEMO-005 | | | | | | | |
| tablet | 30 | 20 (66.7) | 10 (33.3) | 9 (30.0) | 7 (23.3) | 6 (20.0) | 8 (26.7) |
| capsule | 3 | 3 (100.0) | 0 (0.0) | 0 (0.0) | 2 (66.7) | 0 (0.0) | 1 (33.3) |
| troche | 7 | 6 (85.7) | 1 (14.3) | 1 (14.3) | 1 (14.3) | 4 (57.1) | 1 (14.3) |
| 13-DEMO-001 | | | | | | | |
| tablet | 33 | 19 (57.6) | 14 (42.4) | 33 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| capsule | 3 | 1 (33.3) | 2 (66.7) | 3 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| troche | 4 | 3 (75.0) | 1 (25.0) | 4 (100.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| All data | 160 | 80 (50.0) | 80 (50.0) | 130 (81.2) | 10 (6.2) | 10 (6.2) | 10 (6.2) |

Summary is count (percent)

n: number of records summarized

```
if(params$save) {
  stable_save(out, file = "cat-wide-by-panel.tex", dir = params$dir)
}
```

27 Inventory by

```
out <- pt_data_inventory(  
  pmt_pk,  
  by = "STUDYf"  
) %>% as_stable()  
  
pt_wrap(out, con = stdout())
```

| STUDYf | Number | | | | Percent | |
|-----------------|--------|------|------|-----|---------|-----|
| | SUBJ | MISS | OBS | BQL | OBS | BQL |
| 12-DEMO-001 | 30 | 8 | 427 | 15 | 13.4 | 0.5 |
| 12-DEMO-002 | 50 | 10 | 1152 | 38 | 36.3 | 1.2 |
| 11-DEMO-005 | 40 | 10 | 920 | 30 | 29.0 | 0.9 |
| 13-DEMO-001 | 40 | 7 | 582 | 11 | 18.3 | 0.3 |
| All data | 160 | 35 | 3081 | 94 | 97.0 | 3.0 |

SUBJ: subjects
BQL: below quantification limit
MISS: missing observations (non-BQL)
OBS: observations

```
if(params$save) {  
  stable_save(out, file = "inventory-by.tex", dir = params$dir)  
}
```

28 Inventory panel by

```
out <- pt_data_inventory(
  pmt_pk,
  panel = "FORMf",
  by = "STUDYf"
) %>% as_stable()

pt_wrap(out, con = stdout())
```

| STUDYf | Number | | | | Group percent | | Overall percent | |
|-----------------|--------|------|------|-----|---------------|-----|-----------------|-----|
| | SUBJ | MISS | OBS | BQL | OBS | BQL | OBS | BQL |
| tablet | | | | | | | | |
| 12-DEMO-001 | 25 | 8 | 356 | 11 | 13.9 | 0.4 | 11.2 | 0.3 |
| 12-DEMO-002 | 42 | 7 | 969 | 32 | 37.7 | 1.2 | 30.5 | 1.0 |
| 11-DEMO-005 | 30 | 9 | 687 | 24 | 26.8 | 0.9 | 21.6 | 0.8 |
| 13-DEMO-001 | 33 | 6 | 479 | 10 | 18.7 | 0.4 | 15.1 | 0.3 |
| capsule | | | | | | | | |
| 12-DEMO-001 | 3 | 0 | 41 | 4 | 13.5 | 1.3 | 1.3 | 0.1 |
| 12-DEMO-002 | 6 | 2 | 137 | 5 | 45.2 | 1.7 | 4.3 | 0.2 |
| 11-DEMO-005 | 3 | 1 | 70 | 1 | 23.1 | 0.3 | 2.2 | 0.0 |
| 13-DEMO-001 | 3 | 0 | 45 | 0 | 14.9 | 0.0 | 1.4 | 0.0 |
| troche | | | | | | | | |
| 12-DEMO-001 | 2 | 0 | 30 | 0 | 9.9 | 0.0 | 0.9 | 0.0 |
| 12-DEMO-002 | 2 | 1 | 46 | 1 | 15.1 | 0.3 | 1.4 | 0.0 |
| 11-DEMO-005 | 7 | 0 | 163 | 5 | 53.6 | 1.6 | 5.1 | 0.2 |
| 13-DEMO-001 | 4 | 1 | 58 | 1 | 19.1 | 0.3 | 1.8 | 0.0 |
| All data | 160 | 35 | 3081 | 94 | — | — | 97.0 | 3.0 |

SUBJ: subjects

BQL: below quantification limit

MISS: missing observations (non-BQL)

OBS: observations

```
if(params$save) {
  stable_save(out, file = "inventory-panel-by.tex", dir = params$dir)
}
```

29 Inventory stacked

```
out <- pt_data_inventory(
  pmt_obs,
  by = "STUDYf",
  panel = "SEQf",
  stacked = TRUE
) %>% as_stable()

pt_wrap(out, con = stdout())
```

| STUDYf | Number | | | | Percent | |
|--------------------|--------|------|------|-----|---------|-----|
| | SUBJ | MISS | OBS | BQL | OBS | BQL |
| DEMO PK | | | | | | |
| 12-DEMO-001 | 30 | 8 | 427 | 15 | 13.4 | 0.5 |
| 12-DEMO-002 | 50 | 10 | 1152 | 38 | 36.3 | 1.2 |
| 11-DEMO-005 | 40 | 10 | 920 | 30 | 29.0 | 0.9 |
| 13-DEMO-001 | 40 | 7 | 582 | 11 | 18.3 | 0.3 |
| <i>Group Total</i> | 160 | 35 | 3081 | 94 | 97.0 | 3.0 |
| ESTRDIOL | | | | | | |
| 11-DEMO-005 | 40 | 0 | 40 | 0 | 50.6 | 0.0 |
| 13-DEMO-001 | 40 | 1 | 39 | 0 | 49.4 | 0.0 |
| <i>Group Total</i> | 80 | 1 | 79 | 0 | 100.0 | 0.0 |
| BMD | | | | | | |
| 11-DEMO-005 | 40 | 9 | 111 | 0 | 49.1 | 0.0 |
| 13-DEMO-001 | 40 | 5 | 115 | 0 | 50.9 | 0.0 |
| <i>Group Total</i> | 80 | 14 | 226 | 0 | 100.0 | 0.0 |

SUBJ: subjects
 BQL: below quantification limit
 MISS: missing observations (non-BQL)
 OBS: observations

```
if(params$save) {
  stable_save(out, file = "inventory-stacked.tex", dir = params$dir)
}
```