

Simple Tables Demo Doc

Contents

1	Basic table	3
2	Bold cols	4
3	File names	5
4	Notes tpt	6
5	Notes minipage	7
6	Panel basic	8
7	Panel prefix	9
8	Clear reps	10
9	Clear grouped reps	11
10	hline at	12
11	hline from	13
12	hline from with clear	14
13	Align	15
14	rename	16
15	blank	17
16	multi-line	18
17	multi-line units	19
18	span	20
19	span levels	21
20	Continuous long panel	22
21	Continuous wide by	23
22	Categorical long by	24
23	Categorical wide by panel	25
24	Inventory by	26
25	Inventory panel by	27

```
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.summ)

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

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

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

2 Bold cols

```
out <- stable(pmt.summ, col_bold = TRUE)

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

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

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

3 File names

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

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

Source code: validate.Rmd
Source file: file-names.tex

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

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

4 Notes tpt

```
out <- stable(pmt.summ, notes = c("WT: weight", "ALB: albumin"))  
  
pt_wrap(out, con = stdout())
```

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

WT: weight
ALB: albumin

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

5 Notes minipage

```
conf <- noteconf(type = 'minipage')

out <- stable(pmt.summ, notes = c("WT: weight", "ALB: albumin"), note_config = conf)

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

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

WT: weight
ALB: albumin

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

6 Panel basic

```
out <- stable(pmt.summ, panel = "STUDY")  
  
pt_wrap(out, con = stdout())
```

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

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


7 Panel prefix

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

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

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

8 Clear reps

```
out <- stable(pmt.summ, clear_reps = "STUDY")  
  
pt_wrap(out, con = stdout())
```

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

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

9 Clear grouped reps

```
out <- stable(pmt.summ, clear_grouped_reps = "STUDY,DOSE")
```

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

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

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

10 hline at

```
out <- stable(pmt.summ, hline_at = c(2,4,6))
```

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

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

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

11 hline from

```
out <- stable(pmt.summ, hline_from = "STUDY")  
  
pt_wrap(out, con = stdout())
```

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

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

12 hline from with clear

```
out <- stable(pmt.summ, hline_from = "STUDY", clear_reps = "STUDY")  
  
pt_wrap(out, con = stdout())
```

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

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

13 Align

```
align <- cols_center(.outer = 'lr', DOSE = 'r')

out <- stable(pmt.summ, align = align)

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

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

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

14 rename

```
out <- stable(pmt.summ, col_rename = c(Weight = "WT", Dose = "DOSE"))  
pt_wrap(out, con = stdout())
```

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

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


15 blank

```
out <- stable(pmt.summ, col_blank = "WT,ALB")  
  
pt_wrap(out, con = stdout())
```

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

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

16 multi-line

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

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

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

17 multi-line units

```
out <- stable(
  pmt.summ,
  col_rename = c("Protocol...Number" = "STUDY", Weight = "WT"),
  units = units
)

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

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

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

18 span

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

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

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

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

19 span levels

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

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

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

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

20 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

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

21 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")  
}
```

22 Categorical long by

```
out <- pt_cat_long(
  pmt.first,
  cols = "SEXf,RFf,FORMf",
  by = "STUDYf"
) %>% as_stable()

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

	STUDYf				All Groups
	12-DEMO-001	12-DEMO-002	11-DEMO-005	13-DEMO-001	
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)

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


23 Categorical wide by panel

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

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

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

Summary is count (percent)

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

24 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	13.9	0.5
12-DEMO-002	50	10	1152	38	37.4	1.2
11-DEMO-005	40	10	920	30	29.9	1.0
13-DEMO-001	40	7	582	11	18.9	0.4
All data	160	35	3081	94	100.0	3.1

SUBJ: subjects
BQL: below quantitation limit
MISS: missing observations (not BQL)
OBS: observations

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

25 Inventory panel by

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

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

	Number				Group percent		Overall percent	
STUDYf	SUBJ	MISS	OBS	BQL	OBS	BQL	OBS	BQL
tablet								
12-DEMO-001	25	8	356	11	14.3	0.4	11.6	0.4
12-DEMO-002	42	7	969	32	38.9	1.3	31.5	1.0
11-DEMO-005	30	9	687	24	27.6	1.0	22.3	0.8
13-DEMO-001	33	6	479	10	19.2	0.4	15.5	0.3
capsule								
12-DEMO-001	3	0	41	4	14.0	1.4	1.3	0.1
12-DEMO-002	6	2	137	5	46.8	1.7	4.4	0.2
11-DEMO-005	3	1	70	1	23.9	0.3	2.3	0.0
13-DEMO-001	3	0	45	0	15.4	0.0	1.5	0.0
troche								
12-DEMO-001	2	0	30	0	10.1	0.0	1.0	0.0
12-DEMO-002	2	1	46	1	15.5	0.3	1.5	0.0
11-DEMO-005	7	0	163	5	54.9	1.7	5.3	0.2
13-DEMO-001	4	1	58	1	19.5	0.3	1.9	0.0
All data	160	35	3081	94	—	—	100.0	3.1

SUBJ: subjects

BQL: below quantitation limit

MISS: missing observations (not BQL)

OBS: observations

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

26 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	13.9	0.5
12-DEMO-002	50	10	1152	38	37.4	1.2
11-DEMO-005	40	10	920	30	29.9	1.0
13-DEMO-001	40	7	582	11	18.9	0.4
<i>Group Total</i>	160	35	3081	94	100.0	3.1
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 quantitation limit
 MISS: missing observations (not BQL)
 OBS: observations

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