# 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
                                 N
                                       WT
                                              CRCL
                                                                SCR
##
      STUDY
                  DOSE
                         FORM
                                                    AGE
                                                          ALB
##
      <chr>
                  <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
                                                    34.4
                                                          3.83 0.910
   3 12-DEMO-001 150 mg tablet
                                 48
                                       81.7
                                             104
##
  4 12-DEMO-001 150 mg troche
                                       94.0
                                             93.2
                                                   27.4
                                                          4.94 1.25
                                 16
## 5 12-DEMO-001 200 mg tablet
                                             100
                                                    27.5
                                                          4.25 1.10
                                 64
                                       67.9
                                       76.6
##
  6 12-DEMO-001 200 mg troche
                                 16
                                             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
                                                                0.868
## 10 12-DEMO-002 50 mg
                         tablet
                                 324
                                       71.2 106
                                                    34.1
                                                          4.63
## 11 12-DEMO-002 75 mg
                         capsule 36
                                       72.4
                                             105
                                                    38.2
                                                          3.89
                                                                0.900
```

### 2 wrap

## 12 12-DEMO-002 75 mg

## 13 12-DEMO-002 75 mg troche

tablet

288

36

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.

98.9

34.2

4.49

49.2 4.52 0.930

0.991

71.6

73.6 103

# 3 Simple table

data %>% stable(units = ys\_get\_unit(spec, parens = TRUE)) %>% st\_asis()

				WT	CRCL	AGE	ALB	SCR
STUDY	DOSE	FORM	N	(kg)	(ml/min)	(years)	(g/dL)	(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_asis()
```

DOSE	Formulation	N	WT (kg)	CRCL (ml/min)	AGE (years)	ALB (g/dL)	SCR (mg/dL)
12-DEM			. 0			.u. /	- 0, ,
100 mg	tablet	80	71.4	104	33.7	4.20	1.06
Ö	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

DOSE	Formulation	N	WT (kg)	CRCL (ml/min)	AGE (years)	ALB (g/dL)	SCR (mg/dL)
	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

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

### 5 With span

```
data %>%
  stable_long(
    panel = "STUDY", cols_bold = TRUE,
    notes = "The results look great!",
    clear_reps = "DOSE",
    span = colgroup("A Group of Columns", N:SCR),
    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_asis()
```

71.4 1 71.4 1 71.4 1 89.4 1 89.4 1 89.4 1	104 : 104 : 104 :	33.7 33.7 33.7	4.20 4.20	SCR 1.06 1.06
71.4 1 71.4 1 89.4 1 89.4 1 89.4 1	104 104 122	33.7 33.7	4.20	
71.4 1 71.4 1 89.4 1 89.4 1 89.4 1	104 104 122	33.7 33.7	4.20	
71.4 1 39.4 1 39.4 1 39.4 1 31.7 1	104 :	33.7		1.06
39.4 1 39.4 1 39.4 1 31.7 1	122		4.20	
39.4 1 39.4 1 31.7 1		24.4		1.06
39.4 1 31.7 1	122		4.63	1.12
31.7 1		24.4	4.63	1.12
	122	24.4	4.63	1.12
	104	34.4	3.83	0.910
31.7 1	104	34.4	3.83	0.910
31.7 1	104	34.4	3.83	0.910
94.0 9	93.2	27.4	4.94	1.25
94.0 9	93.2	27.4	4.94	1.25
94.0 9	93.2	27.4	4.94	1.25
67.9 1	100	27.5	4.25	1.10
67.9 1	100	27.5	4.25	1.10
67.9 1	100	27.5	4.25	1.10
76.6 9	99.2	22.8	4.54	1.15
76.6 9	99.2	22.8	4.54	1.15
76.6 9	99.2	22.8	4.54	1.15
61.3 1	113	38.3	4.04	1.28
61.3 1	113	38.3	4.04	1.28
61.3 1	113	38.3	4.04	1.28
77.6 1	106	29.9	4.31	0.981
77.6 1	106	29.9	4.31	0.981
7.6 1	106	29.9	4.31	0.981
74.1 1	112	37.1	4.44	0.900
	4.0 § 7.9 1 7.9 1 7.9 1 6.6 § 6.6 § 1.3 1 1.3 1 7.6 1	4.0 93.2 7.9 100 7.9 100 6.6 99.2 6.6 99.2 6.6 99.2 1.3 113 1.3 113 1.3 113 7.6 106 7.6 106	4.0     93.2     27.4       7.9     100     27.5       7.9     100     27.5       7.9     100     27.5       6.6     99.2     22.8       6.6     99.2     22.8       6.6     99.2     22.8       1.3     113     38.3       1.3     113     38.3       1.3     113     38.3       7.6     106     29.9       7.6     106     29.9	4.0     93.2     27.4     4.94       7.9     100     27.5     4.25       7.9     100     27.5     4.25       7.9     100     27.5     4.25       6.6     99.2     22.8     4.54       6.6     99.2     22.8     4.54       6.6     99.2     22.8     4.54       1.3     113     38.3     4.04       1.3     113     38.3     4.04       7.6     106     29.9     4.31       7.6     106     29.9     4.31

			A	Group o	f Colu	nns	
DOSE	Formulation	N	WT	CRCL	AGE	ALB	SCR
	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

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

### 6 With both

```
data %>%
  stable_long(
    panel = "STUDY", cols_bold = TRUE,
    units = ys_get_unit(spec, parens = TRUE),
    span = colgroup("A Group of Columns", N:SCR),
    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_asis()
```

				A Group	of Colur	nns	
DOSE	Formulation	N	WT (kg)	CRCL (ml/min)	AGE (years)	ALB (g/dL)	SCR (mg/dL)
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

				A Group	of Colur	nns	
DOSE	Formulation	N	WT (kg)	CRCL (ml/min)	AGE (years)	ALB (g/dL)	SCR (mg/dL)
	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

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

### 7 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_asis()
```

Table 4: This is a super-interesting table.

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
	capsule	36	74.1	112	37.1	4.44	0.900
	capsule	36	74.1	112	37.1	4.44	0.900

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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!

### 8 Use a caption from tex macro

• Write this into your tex document

• Then create the table with:

```
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_asis()
```

Table 5: 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

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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
	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

### 9 Pass in the caption with short

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

Table 6: This is a super-interesting table.

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
12-DEM							
100 mg	tablet	80	71.4	104	33.7	4.20	1.06
O	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
O	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

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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

The results look great!

### 10 Reduce row space

```
data %>%
  stable_long(
   panel = "STUDY",
    cols_bold = TRUE,
   notes = "FORM: formulation",
    r_file = "demo-longtable.Rmd",
   output_file = "foo.tex",
   clear_reps = "DOSE",
   sizes = tab_size(row = 1),
   note_config = noteconf(width = 0.7, type = "minipage", table_skip = 0.1)
) %>% st_asis()
```

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
12-DEM			***	CITOL	11011		
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
0	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
Ü	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
	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
					continu	ied on n	ext page

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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

### 11 Extra spance

```
data %>%
  stable_long(
   panel = "STUDY",
    cols_bold = TRUE,
   notes = "FORM: formulation",
    r_file = "demo-longtable.Rmd",
   output_file = "foo.tex",
   clear_reps = "DOSE",
   sizes = tab_size(lt_row = 2),
   note_config = noteconf(width = 0.7, type = "minipage", table_skip = 0.1)
) %>% st_asis()
```

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

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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
	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

DOSE	FORM	N	WT	CRCL	AGE	ALB	SCR
	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

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

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
	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
						_	

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

FORM: formulation

Source code: demo-longtable.Rmd

Source file: foo.tex

### 12 Increase col space

```
data %>%
  stable_long(
   panel = "STUDY",
    cols_bold = TRUE,
   notes = "FORM: formulation",
    r_file = "demo-longtable.Rmd",
   output_file = "foo.tex",
   clear_reps = "DOSE",
   sizes = tab_size(row = 1, col = 1),
   note_config = noteconf(width = 0.7, type = "minipage", table_skip = 0.1)
) %>% st_asis()
```

```
DOSE FORM N
                  WT CRCL AGE ALB SCR
12-DEMO-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-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
       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 71.2 106
                            34.1 4.63 0.868
       tablet 324 71.2 106
                           34.1 4.63 0.868
                             38.2 3.89 0.900
75 mg capsule 36 72.4 105
       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
              288 71.6 98.9 34.2 4.49 0.991
       tablet
```

DOSE	FORM	N	WT CRCI	L AGE ALB SCR
	troche	36	73.6 103	49.2 4.52 0.930
	troche	36	73.6103	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

# 13 Change the font size

```
stable_long(stdata(), sizes = tab_size(font = "scriptsize")) %>%
  st_asis()
```

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

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

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