dplyr_tibbles_pretty

```
library(sas7bdat)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
##
##     filter, lag
```

```
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```
library(qwraps2)
```

```
## Warning: package 'qwraps2' was built under R version 3.5.2
```

```
library(stargazer)
```

```
##
## Please cite as:
```

```
##  Hlavac, Marek (2018). stargazer: Well-Formatted Regression and Summary Statistics Tables.
```

```
##  R package version 5.2.2. https://CRAN.R-project.org/package=stargazer
```

```
smoke = read.sas7bdat("/Users/jamescutler/Desktop/Biostats_II/SmokingAndFEV.sas7bdat",
                      debug = TRUE)

smoke$sex = factor(smoke$sex,
                   levels = c(0,1),
                   labels = c("female","male"))
smoke$smoke = factor(smoke$smoke,
                     levels = c(0,1),
                     labels = c("nonsmoker","smoker"))
```

Descriptive statistics:

```
tib1 = smoke %>%
  count(sex,smoke) %>%
  group_by(sex) %>%
  mutate(prop = prop.table(n))
tib2 = smoke %>%
  count(smoke,sex) %>%
  group_by(smoke) %>%
  mutate(prop = prop.table(n))
summary_table(tib1)
```

	sex: female (N = 2)	sex: male (N = 2)
sex		
female	2 (100)	0 (0)
male	0 (0)	2 (100)
smoke		
nonsmoker	1 (50)	1 (50)
smoker	1 (50)	1 (50)
n		
minimum	39	26
median (IQR)	159.00 (99.00, 219.00)	168.00 (97.00, 239.00)
mean (sd)	159.00 ± 169.71	168.00 ± 200.82
maximum	279	310
prop		
minimum	0.12	0.08
median (IQR)	0.50 (0.31, 0.69)	0.50 (0.29, 0.71)
mean (sd)	0.50 ± 0.53	0.50 ± 0.60
maximum	0.88	0.92

There are more female smokers than male (39 to 26). There are more male nonsmokers than female (310 to 279).