TABLES WITH THE GT PACKAGE

K.Asabere

```
library(tidyverse)
library(modeldata)
library(gt)
```

```
scat_table1 <- scat %>%
  select(Species,
         Length,
         Diameter,
         Mass,
         d13C,
         d15N) %>%
  group_by(Species) %>%
  summarise(across(where(is.numeric),
                   ~round(mean(.x,na.rm = TRUE),
                          1)),
            count = n())
```

A Great Table

```
scat_table1 %>%
  gt( rowname_col = "Species") %>%
  cols_label(count ~ "Count") %>%
  tab_header(title = "California Poopie",
             subtitle = "Morphometric Data on Scat") %>%
  tab_source_note(md("**Source**: Reid, R. E. B. (2015).
  A morphometric modeling approach to distinguishing among bobcat,
  coyote and gray fox scats. *Wildlife Biology*, 21(5), 254-262")) %>%
  tab_spanner(label = "Physical Averages",
              columns = Length:Mass) %>%
  tab_stubhead( label = "Species")
```

California Poopie

Morphometric Data on Scat

	Physical Averages					
Species	Length	Diameter	Mass	d13C	d15N	Count
bobcat	9.3	19.0	12.5	-27.7	6.4	57
coyote	9.6	20.3	18.2	-24.8	10.4	28
gray_fox	9.0	15.0	5.6	-27.3	6.5	25

Source: Reid, R. E. B. (2015). A morphometric modeling approach to distinguishing among bobcat, coyote and gray fox scats. *Wildlife Biology*, 21(5), 254-262

A Stylized Version

```
scat_table1 %>%
  gt() %>%
  cols_label(count ~ "Count") %>%
  tab_header(title = "California Poopie",
             subtitle = "Morphometric Data on Scat") %>%
  tab_source_note(md("**Source**: Reid, R. E. B. (2015).
 A morphometric modeling approach to distinguishing among bobcat,
 coyote and gray fox scats. *Wildlife Biology*, 21(5), 254-262")) %>%
  tab_spanner(label = "Physical Averages",
              columns = Length:Mass) %>%
  opt_stylize(style = 2,color = "cyan")
```

California Poopie

Morphometric Data on Scat

	Physical Averages					
Species	Length	Diameter	Mass	d13C	d15N	Count
bobcat	9.3	19.0	12.5	-27.7	6.4	57
coyote	9.6	20.3	18.2	-24.8	10.4	28
gray_fox	9.0	15.0	5.6	-27.3	6.5	25

Source: Reid, R. E. B. (2015). A morphometric modeling approach to distinguishing among bobcat, coyote and gray fox scats. *Wildlife Biology*, 21(5), 254-262

```r
scat_table2 <- scat %>%
  select(Species,
         Location,
         Site,
         Length,
         Diameter,
         Mass,
         d13C,
         d15N) %>%
   group_by(Species,Site) %>%
  summarise(across(where(is.numeric),
                   ~round(mean(.x,na.rm = TRUE),
                          1)),
            Count = n())
```

Grouped Data

```r
scat_table2 %>%
  ungroup() %>%
  gt(groupname_col = "Species")
```

Site	Length	Diameter	Mass	d13C	d15N	Count
bobcat						
ANNU	9.3	19.0	12.4	-27.6	6.2	48
YOLA	9.3	18.9	13.0	-28.1	7.5	9
coyote						
ANNU	8.8	20.2	18.7	-23.9	11.7	19
YOLA	11.2	20.4	17.4	-26.7	7.7	9
gray_fox						
ANNU	9.0	15.0	5.6	-27.3	6.5	25