

Making Fancy Graphics

Create an Image/Graphic

Edit the source code to edit the Figure heading in the brackets

Note: *The problem here is that the tif is too big to insert. I may need to insert a jpg for the compiled manuscript, and then create a separate tif file for the final submission.*

Now, Formatting this image!

Create 3 more

Plot 2

```
jpeg(filename="Figures/myplot2.jpg")
ggplot(data = penguins,
        aes(x = bill_length_mm,
            y = body_mass_g)) +
  geom_point(aes(color = island,
                 shape = species),
            size = 3,
            alpha = 0.8) +
  #theme_minimal() +
  scale_color_manual(values = c("darkorange","purple","cyan4")) +
  labs(title = "Penguin size, Palmer Station LTER",
       subtitle = "Bill length and body mass for each island",
       x = "Bill length (mm)",
       y = "Body mass (g)",
       color = "Penguin island",
       shape = "Penguin species") +
  theme_minimal()
```

Warning: Removed 2 rows containing missing values (geom_point).

```
dev.off()
```

pdf

2

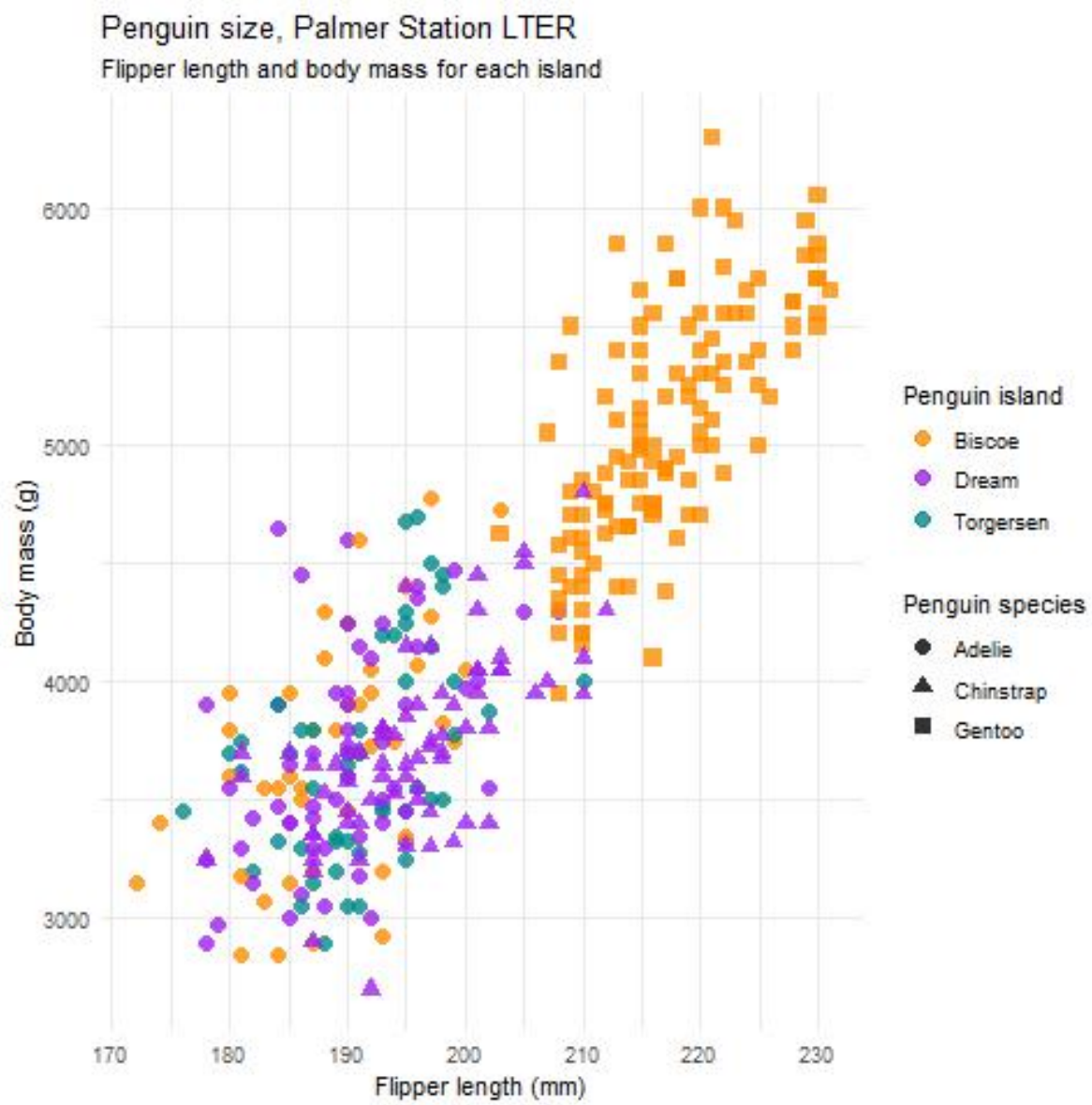


Figure 1: Figure1

Table 1: Palmer Penguins Test Table

	Chinstrap	Gentoo	Adelie	% Correct	LCI 0.95	UCI 0.95	Prior
Chinstrap	70	0	0	100.0	94.9	100.0	50.0
Gentoo	0	5	0	100.0	47.8	100.0	3.6
Adelie	0	0	65	100.0	94.5	100.0	46.4
Overall	-	-	-	100.0	97.4	100.0	46.7

Plot 3

pdf
2

Plot 4

```
jpeg(filename="Figures/myplot4.jpg")
ggplot(data = penguins, aes(x = flipper_length_mm)) +
  geom_histogram(aes(fill = species)) +
  labs(x = "Flipper length (mm)",
       y = "Frequency",
       title = "Penguin flipper lengths")
```

``stat_bin()` using `bins = 30`. Pick better value with `binwidth`.`

Warning: Removed 2 rows containing non-finite values (stat_bin).

```
dev.off()
```

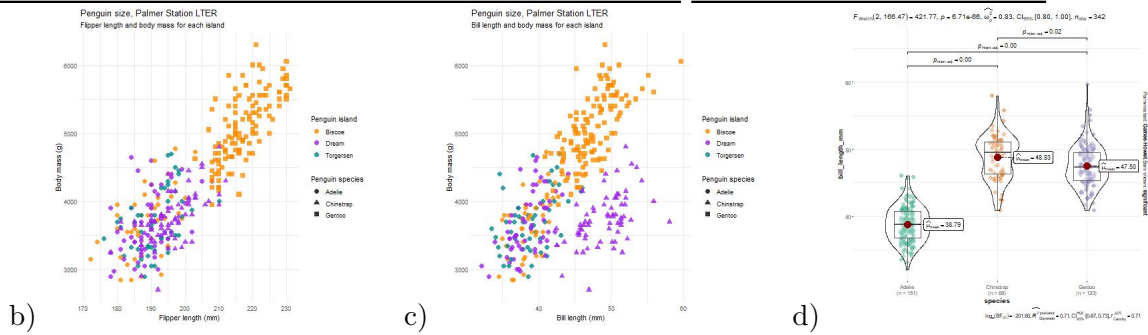
pdf
2

And why not a table?

This table is split into two columns

Put Plots Together

	Chinstrap	Gentoo	Adelie	% Correct	LCI 0.95	UCI 0.95	Prior
Chinstrap	70	0	0	100.0	94.9	100.0	50.0
Gentoo	0	5	0	100.0	47.8	100.0	3.6
Adelie	0	0	65	100.0	94.5	100.0	46.4
Overall	-	-	-	100.0	97.4	100.0	46.7



My Pretty Pictures