

# Rmarkdown Day 2

Nyssa

3/2/2021

## Contents

Introduction	1
Load libraries	1
Make a plot	1
Make a table	3

## Introduction

Today, we will use palmer penguins to manipulate figures in RMarkdown

## Load libraries

```
library(palmerpenguins)
library(tidyverse)
library(kableExtra)
```

## Make a plot

```
PenguinFigure<-penguins %>%
  ggplot(aes(x = species, y = flipper_length_mm, color = island))+
  geom_boxplot()

PenguinFigure
```

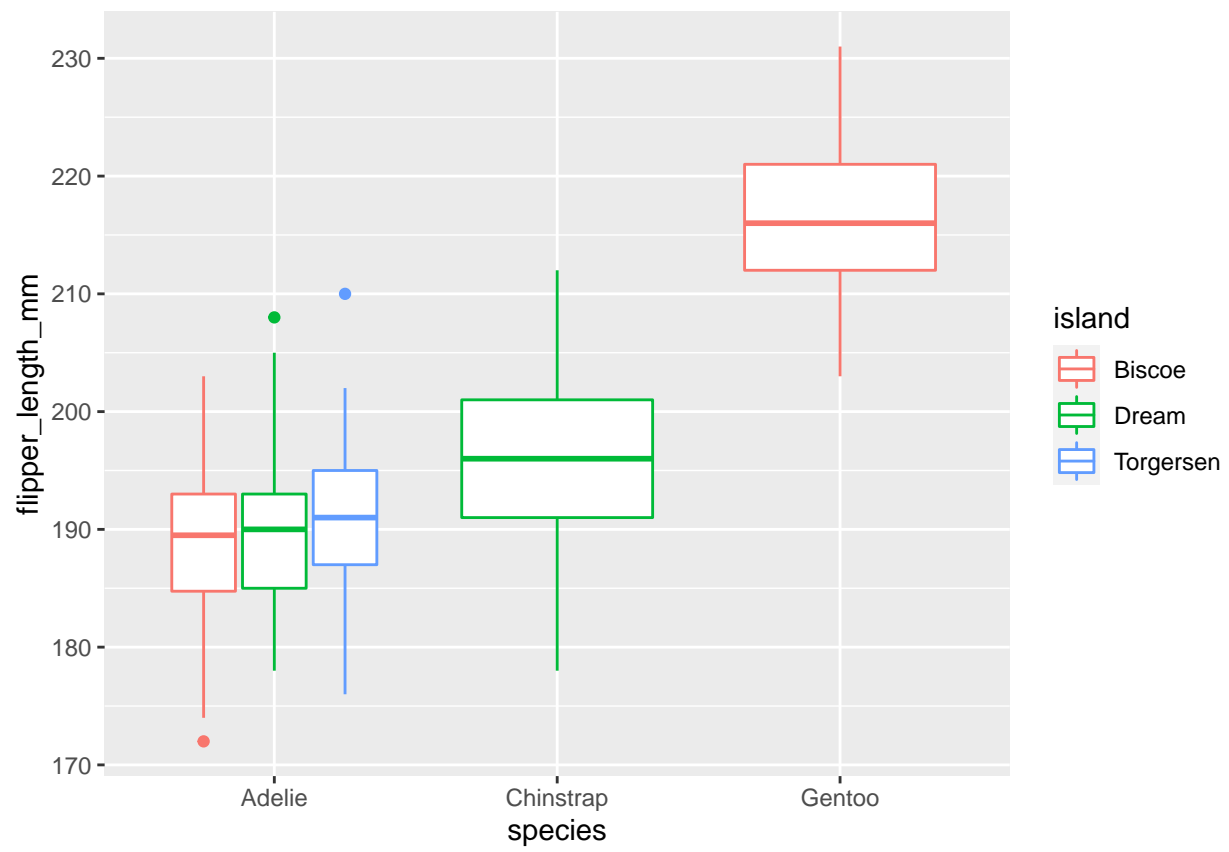


Figure 1: This is a boxplot of penguins

species	billmean
Adelie	38.79139
<b>Chinstrap</b>	<b>48.83382</b>
Gentoo	47.50488

## Make a table

We are looking at bill length of **Gentoo** penguins from Biscoe.

```
penguins %>%
  group_by(species) %>%
  summarise(billmean = mean(bill_length_mm, na.rm = TRUE)) %>%
  kbl() %>% # make it a kable table
  #kable_classic()
  kable_paper() %>%
  row_spec(2, bold = T, color = "white", background = "red")
```