# Chapter 9

# Try It Yourself: Compute a Correlation and Fit a Regression Line

## StatCrunch Instructions

Create a Scatterplot:

1. Open the penguins.csv data in StatCrunch
2. Graph -> Scatter Plot
3. X varaible -> flipper\_length\_mm
4. Y variable -> bill\_depth\_mm
5. Overlay polynomial order: -> 1
6. Check Best fit
7. Click Compute!”

Compute a Correlation:

1. Open the penguins.csv data in StatCrunch
2. Stat → Summary Stats → Correlation
3. Select columns → bill\_depth\_mm, flipper\_length\_mm
4. Click Compute!

Fit a Regression Line:

1. Open the penguins.csv data in StatCrunch.
2. Stat → Regression → Simple Linear
3. X variable → flipper\_length\_mm
4. Y variable → bill\_depth\_mm
5. Click Compute!