Introduction to data entry, visualization, and statistics

for first year biology

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Contents

Chapter 1

Introduction

- Why is this important
- Why have we made the choices we did (R, pedagogy citations)

Chapter 2

Entering data

In a text editor or excel.

Chapter 3

Submitting your data to a repository

Chapter 4

How to install R and R Studio

4.1 R

Each section will contain instructions describing how to install these software.

4.2 RStudio

Chapter 5

Finding your way around RStudio

Chapter 6

Installing a package

Chapter 7

A simple approach for loading data into RStudio

Chapter 8

Making a graph with ggplot in RStudio

Chapter 9

Data submission

- via upload file into github
- direct edit of github