Scientific Visualization

CSCI 297b, Spring 2023

April 19, 2023

csci297b Scientific Visualization

- Instructor: Geoffrey Matthews `gmatthews@wlu.edu`
- `https://github.com/geofmatthews/csci297b`
- MTWRF, 10:30 AM - 12:30 PM, Parmly 405
- Office hours: 9:30 MWF and by appointment

Online resources

- `https://www.r-project.org/` .... **R home**

- **Books**
  - `https://rbasics.netlify.app/index.html` ...... Getting Used to R, RStudio, and R Markdown
  - `https://alexd106.github.io/intro2R/index.html` .... An Introduction to R
  - `https://moderndive.netlify.app/index.html` .... A ModernDive into R and the Tidyverse
  - `https://rstudio-education.github.io/hopr/` .... Hands-On Programming with R
  - `https://datasciencebook.ca/` .... Data Science: a First Introduction
  - `https://r4ds.had.co.nz/` .... R for Data Science
  - `https://ggplot2-book.org/` .... ggplot2: Elegant Graphics for Data Analysis
  - `https://clauswilke.com/dataviz/` .... Fundamentals of Data Visualization
  - `https://bookdown.org/yihui/rmarkdown/` .... Rmarkdown: the Definitive Guide

- **Other**
  - `https://www.w3schools.com/r/default.asp` .... R tutorial
  - `https://education.rstudio.com/learn/beginner/` .... R Studio Education Links
  - `https://posit.cloud/learn/primers` .... Online primers
  - `https://rladiessydney.org/` .... Video tutorials
  - `https://rmarkdown.rstudio.com/` .... Rmarkdown videos