

# Data Visualization III



USC SPEC Lab Summer 2024

**The goal:** Welcome to the final module of our data visualization series. In this module, we will focus on visualizing regression results, specifically through dot-and-whisker plots, a popular method for displaying results from regression analysis. By the conclusion of this module, you will have successfully integrated skills from previous lessons in data management and regression analysis, and you will have mastered extracting regression results, calculating 95% confidence intervals, and creating dot-and-whisker plots with various techniques, all vital for effective regression analysis.

## 1. Introductory Videos

[Visualizing Regression Results Introduction](#)

[Visualizing Regression Results Example 2](#)

[Visualizing Regression Results Example 3](#)

## 2. Walk Through Work

Visualizing regression results with dot-and-whisker plots using ggplot2 and dotwhisker.

## 3. Group Work

Practicing with Aslaksen (2010) Data

## 4. Individual Work

Homework Problem Set

## Resources

R Studio Cheat Sheets

- [Data Transformation with dplyr](#)
- [Data Import with readr, readxl, and googlesheets4](#)
- [ggplot2 cheatsheet](#)