

MA213 L2

L2 : Plotting and Summaries

OpenIntro Statistics, 4th Edition

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L2 : Plotting and Summaries

- *Previously:* What we learend from last time
- *This time:* What we are learing today
- *Deadlines/Announcements:* Quiz / Exercise / Explain / after work?

Lesson Plan

- xx min Exploring Data, what type of information...?
- xx min Some basic built-in R plot functions to show data...
how to summarize?
- xx min data manipulation – dplyr syntax?
- xx min ggplot2 packages and
- xx min Data explore by groups

Learning Objectives

- Use R for Data Management and Exploration: Utilize R to load, pre-process, and explore data through visualization and summarization techniques. [Q1, L1, L2]
 - Classify and Analyze Variables: Categorize variables based on their types (e.g., numerical/categorical, continuous/discrete, ordinal), assess their association (positive, negative, or independent), and determine which make sense as explanatory vs. response variables. [Q1, L2]
- Core

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