Statistics: Informed Decisions Using Data 6e

Chapter 1 Data Collection

Activity: Response and Explanatory Variables

Activity: <u>Intervention and Prediction</u> Activity: <u>Experiment and causality</u>

Activity: Data Basics

Activity: <u>Variables and units of observation</u>
Activity: <u>Response and explanatory variables</u>

Chapter 2 Organizing and Summarizing Data

Activity: Data and Point Plots

Activity: <u>Jittering</u>

Activity: Shapes of distributions

Chapter 3 Numerically Summarizing Data

Activity: The Standard Deviation and the 95% Summary Interval

Activity: Variation and the 95% Summary Interval

Chapter 4 Describing the Relation between Two Variables

Activity: Introducing Linear Regression

Activity: Describing Relationship Patterns in Words and Numbers

Activity: How much is explained?

Chapter 5 Probability

Chapter 6 Discrete Probability Distributions

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Activity: <u>Parameters and the Normal Distribution</u> Activity: <u>Common, Uncommon, and Rare</u>

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Activity: Comparing Two Groups

Chapter 12 Inference on Categorical Data

Chapter 13 Comparing Three or More Means

Little App: F

Chapter 14 Inference on the Least-Squares Regression Model and Multiple Regression

Chapter 15 Nonparametric Statistics