BALL STATE UNIVERSITY

Module 2 Overview & Checklist

Introduction to Statistical Methods

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1 Learning Objective(s)

1.1 Textbook Learning Objectives

- Display data graphically and interpret graphs: stemplots, histograms, and box plots.
- Recognize, describe, and calculate the measures of location of data: quartiles and percentiles.
- Recognize, describe, and calculate the measures of the center of data: mean, median, and mode.
- Recognize, describe, and calculate the measures of the spread of data: variance, standard deviation, and range.

1.2 Instructor Learning Objectives

- Understand the complementary value of visual and numeric descriptions of data
- Be able to compare and contract the use cases for different metrics

2 Assessments

☐ Quiz 1 on Module 1 Content on Canvas

3 Lecture(s) & Participation

☐ Watch Module 2 Lecture on Canvas and Take Notes

☐ Complete and Turn-in Module 2 Lecture Check-in on Canvas

4 Reading(s)

Under "Readings" in Canvas Module

☐ Read Chapter 2 of Textbook

5 Homework & Assignment(s) Due

Under "Assignments" in Blackboard Module

"I don't mind not knowing. It doesn't scare me." — Richard P. Feynman

No Additional Assignments this week

6   Looking Ahead

☐   Quiz 2 Next Week on Canvas