BALL STATE
UNIVERSITY

Module 5 Overview & Checklist

Introduction to Statistical Methods

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1 Learning Objective(s)

1.1 Textbook Learning Objectives

- Recognize and understand continuous probability density functions in general.
- Recognize the uniform probability distribution and apply it appropriately.
- Recognize the exponential probability distribution and apply it appropriately.

1.2 Instructor Learning Objectives

- Compare and contrast the use-cases for a discrete vs. continuous distributions
- Understand the relatively high prevalence of continuous random variables in research, and use this module as a foundation for understanding those characteristics

2 Assessments

☐ Quiz 4 on Module 4 Content on Canvas

3 Lecture(s) & Participation

☐ Watch Module 5 Lecture on Canvas and Take Notes

☐ Complete and Turn-in Module 5 Lecture Check-in on Canvas

4 Reading(s)

Under "Readings" in Canvas Module

☐ Read Chapter 5 of Textbook

5 Homework & Assignment(s) Due

Under "Assignments" in Blackboard Module

No Additional Assignments this week

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

6 Looking Ahead

☐ Quiz 5 Next Week on Canvas

☐ Start reviewing prior content in preparation for midterm conceptual exam!