



BALL STATE
UNIVERSITY

Module 5 Overview & Checklist

Analysis of Variance

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Table of Contents

1	Learning Objective(s)	2
1.1	Textbook Learning Objectives	2
1.2	Instructor Learning Objectives	2
2	Assessments	2
3	Lecture(s) & Participation	2
4	Reading(s)	2
5	Homework & Assignment(s) Due	2
6	Looking Ahead	3

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

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Quiz 4 on Module 4 Content on Canvas

3 Lecture(s) & Participation

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Watch Module 5 Lecture on Canvas and Take Notes

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

4 Reading(s)

Under “Readings” in Canvas Module

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Read Chapter 5 of Textbook

5 Homework & Assignment(s) Due

Under “Assignments” in Blackboard Module

No Additional Assignments this week

6 Looking Ahead

- ☐ Quiz 5 Next Week on Canvas
- ☐ Start reviewing prior content in preparation for midterm conceptual exam!