



**BALL STATE**  
**UNIVERSITY**

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# **Module 2 Overview & Checklist**

Analysis of Variance

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## 1 Learning Objective(s)

- This module will help us introduce some of the problems and strategies that lead us to consider alternative analysis methods, like non-parametric tests, one of the foci of this semester
- Students should be able to:
  - Understand and apply the vocabulary of errors and decision from hypothesis testing
  - Describe how statistical power changes in response to different circumstances
  - Describe common assumptions to check for, and how to check for those

## 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*

*No Additional Assignments this week*

## 6 Looking Ahead



Quiz 2 Next Week on Canvas