

STA 130 Tutorial 5

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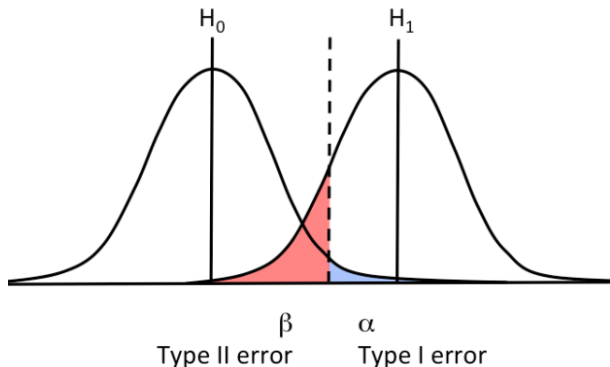
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Agenda

- 1 Vocabulary
- 2 Presentations
 - Discussion in Groups
 - Presentation Examples
- 3 Presenting Effectively
- 4 Presentation
 - Draft Outline
 - Presentations

Vocabulary

- **Type I Error:** incorrect rejection of a true null hypothesis
- **Type II Error:** data appears to be consistent with the null hypothesis, but the null hypothesis is actually not true



Example

John Doe is on trial for burglary.

- What is the null hypothesis?
- What is the alternative hypothesis?
- How could Type I error occur?
- How could Type II error occur?



Discussion in Groups

What makes for a good or bad presentation?

Each group must come up with five elements of a good presentation and five elements of a bad presentation.

Presentation Example 1



Michael Scott's Business Lecture - The Office US
510,695 views

5.4K 81 SHARE SAVE ...

<https://www.youtube.com/watch?v=SwnERfIRVXY>

Presentation Example 2



Steve Jobs iPhone 2007 Presentation (HD)
6,846,240 views

👍 40K 🗣️ 2.2K ➦ SHARE 📌 SAVE ...

<https://www.youtube.com/watch?v=vN4U5FqrOdQ>

The 4 C's

- Calm (before and during)
- Confident (in yourself and your material)
- Clear (and coherent)
- Concise (but provide enough detail so its coherent, above)

- What is the main message you want to get across?
- Create an (organized) outline of your presentation
- Define terms early
- Make clear transitions between parts of your presentation
- Make your data/figures meaningful
- Summarize

- Be confident, make eye contact and avoid reading
- Avoid filler words ummm, like, you know
- Speak slowly and its ok to pause (and breathe!)
- Remember to enunciate all the parts of each word
- Practice! Practice! Practice!

Draft Outline

In groups create a draft for a five-minute oral presentation summarizing the research findings of your assigned scenario.

Make sure to include these components in the draft:

- Contextualize the problem
- Summarize the methods (hypotheses, test statistic, etc.)
- Summarize the findings
- Conclusion
- Limitations (optional).

One member of the group submit to Quercus. Please include all group members' names in your submission.

Presentations

5 minutes maximum.

All students not in the group presenting must write down one question to ask.