

SEARCH



RESOURCES

CONCEPTS

- ✓ 28. Notebook + Quiz: Drawing Con...
- ✓ 29. Solution Notebook: Drawing C...
- ✓ 30. Other Things to Consider - Imp...
- ✓ 31. Other Things to Consider - W...
- 32. Other Things to Consider - Ho...
- 33. Notebook + Quiz: Impact of Sa...
- 34. Solution Notebook: Impact of ...
- 35. Notebook + Quiz: Multiple Tests
- 36. Solution Notebook: Multiple te...
- 37. Hypothesis Testing Conclusion
- 38. Quiz + Text: Recap

**Mentor Help**

Ask a mentor on our Q&A platform

**Peer Chat** 2

Chat with peers and alumni



When performing more than one hypothesis test, your type I error compound this, a common technique is called the **Bonferroni** correction. This correction but says that your new type I error rate should be the error rate you actually w number of tests you are performing.

Therefore, if you would like to hold a type I error rate of 1% for each of 20 hyp **Bonferroni** corrected rate would be $0.01/20 = 0.0005$. This would be the new i your comparison to the p-value for each of the 20 tests to make your decision

Other Techniques

Additional techniques to protect against compounding type I errors include:

1. [Tukey correction](#)
2. [Q-values](#)