



SEARCH



RESOURCES

CONCEPTS

- ✓ 14. Common Types of Hypothesis ...
- ✓ 15. Quiz: More Hypothesis Testin...
- ✓ 16. How Do We Choose Between ...
- ✓ 17. Video: Simulating from the Null
- ✓ 18. Notebook + Quiz: Simulating fr...
- ✓ 19. Solution Notebook: Simulating...
- ✓ 20. What is a p-value Anyway?
- ✓ 21. Video: Calculating the p-value
- ✓ 22. Quiz: What is a p-value Anyway?
- ✓ 23. Quiz: Calculating a p-value
- ✓ 24. Quiz: Calculating another p-val...
- ✓ 25. Connecting Errors and P-Values



Mentor Help

Ask a mentor on our Q&A platform



Peer Chat

Chat with peers and alumni

More Hypothesis Testing Practice

Using the following questions, you will build your intuition for common hypothesis tests to understand what you are really testing when setting up your hypotheses.

QUESTION 1 OF 4

When conducting hypothesis tests, we write our tests to understand

- ☐ statistics
- ☐ sample statistics
- ☐ data
- ☒ population parameters

Which of the below represents how you would set up a hypothesis test to test if portfolio 1 μ_1 is greater than the average return of portfolio 2 μ_2 ?

- a. $H_0 : \mu_1 > \mu_2$ $H_1 : \mu_1 \leq \mu_2$
- b. $H_0 : \mu_1 = \mu_2$ $H_1 : \mu_1 \leq \mu_2$
- c. $H_0 : \mu_1 \leq \mu_2$ $H_1 : \mu_1 > \mu_2$
- d. $H_0 : \mu_1 = \mu_2$ $H_1 : \mu_1 \neq \mu_2$
- e. None of the above

QUESTION 2 OF 4

Using the above, which is the appropriate set up for the null and alternative hypotheses?

- ☐ a
- ☐ b
- ☒ c
- ☐ d
- ☐ e