

MITx: 14.310x Data Analysis for Social Scientists

Heli



Bookmarks

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- Module 2: Fundamentals of Probability, Random Variables, Distributions, and Joint Distributions
- Module 3: Gathering and Collecting Data,
 Ethics, and Kernel
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More on Hypothesis Testing - Quiz

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Question 1

1/1 point (graded)

Suppose you are interested in testing $H_0: \mu < 0$ versus $H_1: \mu > 0$. This is an example of:

- a. testing a simple hypothesis vs a simple hypothesis.
- b. testing a composite hypothesis vs a simple hypothesis.
- c. testing a simple hypothesis vs a composite hypothesis.
- d. testing a composite hypothesis vs a composite hypothesis.

Explanation

Recall that a simple hypothesis is one that is characterized by a single point, whereas a composite hypothesis is one that is characterized by multiple points. Since the stated hypotheses are about a range of values, they are both composite hypotheses.

- Module 5: Moments of a Random Variable,
 Applications to Auctions,
 Intro to Regression
- Module 6: Special
 <u>Distributions, the</u>
 <u>Sample Mean, the</u>
 <u>Central Limit Theorem,</u>
 <u>and Estimation</u>
- Module 7: Assessing and Deriving Estimators - Confidence Intervals, and Hypothesis Testing

<u>Assessing and Deriving</u> Estimators

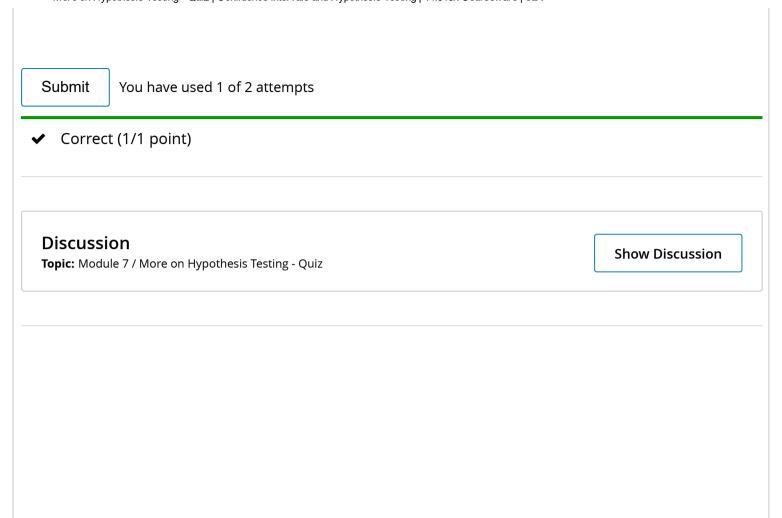
Finger Exercises due Nov 14, 2016 at 05:00 IST

Confidence Intervals and Hypothesis Testing

Finger Exercises due Nov 14, 2016 at 05:00 IST

Module 7: Homework

Homework due Nov 07, 2016 at 05:00 IST



Exit Survey

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