

MITx: 14.310x Data Analysis for Social Scientists

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Bookmarks

- Module 1: The Basics of R and Introduction to the Course
- ▶ Entrance Survey
- Module 2: Fundamentals of Probability, Random Variables, Distributions, and Joint Distributions
- Module 3: Gathering and Collecting Data, Ethics, and Kernel Density Estimates
- Module 4: Joint,
 Marginal, and
 Conditional
 Distributions &
 Functions of Random
 Variable

Module 8: Causality, Analyzing Randomized Experiments, & Nonparametric Regression > Causality > Causal and Non-Causal Questions - Quiz

Causal and Non-Causal Questions - Quiz

 \square Bookmark this page

Question 1

1/1 point (graded)

Which of the following might be examples of "causal questions"? (Select all that apply.)

- a. If we send qualified health care professionals to the homes of the elderly, do we see a positive change in health outcomes?
- ☑ b. If a country builds several thousand schools, do enrollment and learning outcomes improve for children?
- c. If we provide parents with accurate information about their child's learning outcomes, do we see changes in the amount they invest in their child's education?
- d. What types of employment do refugees seek when they first arrive in a host country?



Explanation

- Module 5: Moments of a Random Variable,
 Applications to Auctions,
 Intro to Regression
- Module 6: Special
 Distributions, the
 Sample Mean, the
 Central Limit Theorem,
 and Estimation
- Module 7: Assessing and Deriving Estimators -Confidence Intervals, and Hypothesis Testing
- Module 8: Causality,
 Analyzing Randomized
 Experiments, &
 Nonparametric
 Regression

Causality

Finger Exercises due Nov 21, 2016 at 05:00 IST

<u>Analyzing Randomized</u> <u>Experiments</u>

Finger Exercises due Nov 21, 2016 at 05:00 IST

A, B, and C are all examples of "causal questions." In general, causal questions try to determine whether an event, intervention, or a variable affects (i.e. a school intervention) one or more variables you are interested in (e.g. learning outcomes). Choice (d) does not ask the impact of being a refugee on employment, but instead it simply asking a descriptive question, and therefore is not an example of a "causal question."

Submit

You have used 1 of 2 attempts

Correct (1/1 point)

Question 2

1/1 point (graded)

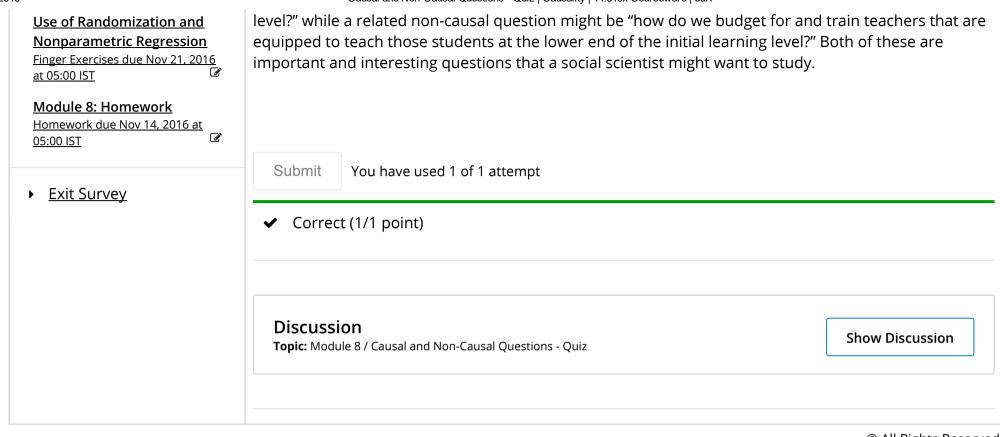
True or False: The only interesting and important questions are those questions that are causal questions.

a. True

● b. False

Explanation

This is false. Social science and economics involve a number of important and interesting questions, and this includes both causal questions as well as non-causal questions. For example, a causal question might be "do students learn more in cases when they are separated in classrooms by initial learning



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