

MITx: 14.310x Data Analysis for Social Scientists

Heli



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Considerations in Social Experiments - Quiz

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Question 1

1.0 point possible (graded) What are social experiments?

- a. Experiments that specifically analyze social interactions between individuals
- b. Experiments that are conducted in partnership with the government
- c. Experiments that are designed to test social policies
- od. Experiments that are conducted by NGOs or other groups that work within the social sector

Explanation

As Prof. Duflo mentions in the beginning of the lecture, by social experiments, she is referring to experiments that are designed to test social policies, regardless of the partner they are conducted with.

- Module 5: Moments of a Random Variable,
 Applications to Auctions,
 Intro to Regression
- Module 6: Special
 Distributions, the
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- 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

Analyzing Randomized Experiments

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

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 2

1.0 point possible (graded)

What role did MDRC play regarding RCTs in the social sciences? The MDRC...

- a. Conducted the first RCT in social sciences
- b. Conducted many RCTs over the years, and increased the acceptability of RCTs as a method of testing social policy on a large-scale ✓
- c. First developed the methodology for the use of RCTs in social experiments

Explanation

Through performing welfare experiments with state welfare agencies, the MDRC established the possibility of the use of RCTs to test social policy on a large scale. Today, they continue to perform RCTs for social policies and have expanded to different sectors.

<u>Use of Randomization and</u> <u>Nonparametric Regression</u>

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

Module 8: Homework

- Module 9: Single and Multivariate Linear Models
- Exit Survey

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You have used 1 of 1 attempt

✓ Correct (1/1 point)

Question 3

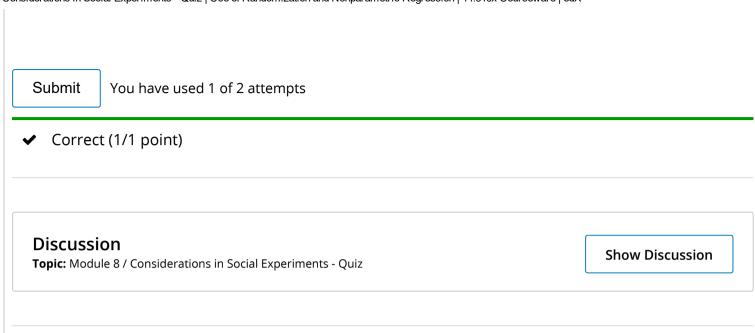
1/1 point (graded)

What are the three components mentioned by Prof. Duflo that is needed to run an RCT?

- 🏿 a. Money, a Research Lead, and a Partner Organization 🗸
- b. An Interesting Question, a Research Lead, and Government Organization
- o. An Interesting Question, Money, and a Research Lead
- d. An Interesting Question, Money, and a Partner Organization

Explanation

While it is important to have an interesting question, the three factors Prof. Duflo mentions in this lecture are Money, a Research Lead (generally a researcher at an academic institution or organizations such as the World Bank) and a Partner Organization, which could be a NGO, a government organization, or some other institution who is willing to implement the project. Of course if the question is not interesting, the research project won't be great.



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