

MITx: 14.310x Data Analysis for Social Scientists

Help



- 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 &

Module 12: Endogeneity, Instrumental Variables, and Experimental Design > Experimental Design > An example: ALMPs in France - Quiz

An example: ALMPs in France - Quiz

☐ Bookmark this page

Question 1

0/1 point (graded)

Comparing the group assigned to control to the group assigned to super control (0% assignment areas) estimates the:

- a. Effect on the treated X
- b. Displacement effect
- c. Direct effect

Explanation

The difference between these groups is that the control must compete for jobs with treated individuals. The effect of this competition will be the displacement effect of treated individuals taking jobs that control individuals would have gotten.

<u>Functions of Random</u> Variable

- 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>
 and Estimation
- Module 7: Assessing and Deriving Estimators
 Confidence Intervals, and Hypothesis Testing
- Module 8: Causality,
 Analyzing Randomized
 Experiments, &
 Nonparametric
 Regression
- Module 9: Single and Multivariate Linear

Submit

You have used 1 of 1 attempt

★ Incorrect (0/1 point)

Question 2

1/1 point (graded)

Comparing the group assigned to treatment to the group assigned to super control (0% assignment areas) estimates the:

- ullet a. Effect on the treated ullet
- b. Displacement effect
- c. Direct effect

Explanation

The difference between these groups is that one of them received the treatment, which means that comparing them will estimate the effect on the treated. Comparing treatment to control is not sufficient, because the control suffers from displacement effects as well as the effect of not being treated.

Models

- Module 10: Practical Issues in Running Regressions, and Omitted Variable Bias
- Module 11: Intro to
 Machine Learning and
 Data Visualization
- Module 12:

 Endogeneity,
 Instrumental
 Variables, and
 Experimental Design

Endogeneity and Instrumental Variables

Finger Exercises due Dec 14, 2016
05:00 IST

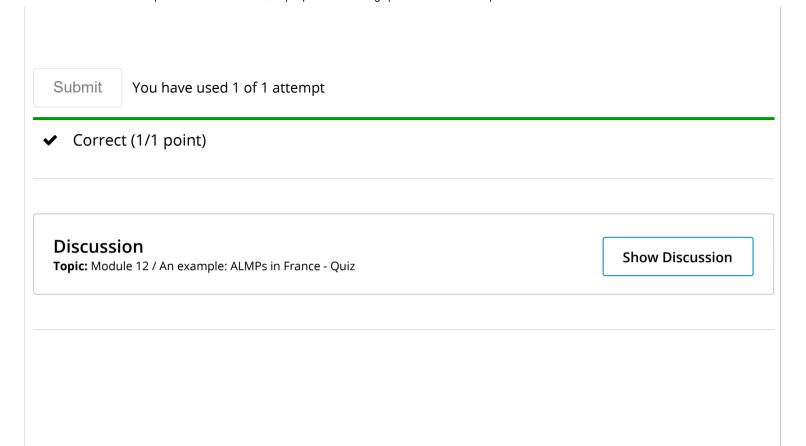
Experimental Design

Finger Exercises due Dec 14, 2016 05:00 IST

Module 12: Homework

<u>Homework due Dec 12, 2016</u> 05:00 IST

Exit Survey



© All Rights Reserved



© 2016 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.















