



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 &](#)

Module 12: Endogeneity, Instrumental Variables, and Experimental Design > Endogeneity and Instrumental Variables > Local Average Treatment Effect (LATE) - Quiz

Local Average Treatment Effect (LATE) - Quiz

🔖 Bookmark this page

Question 1

1/1 point (graded)

The Local Average Treatment Effect (LATE) represents the effect on the:

☐ a. Always takers

☐ b. Never takers

☒ c. Compliers ✓

☐ d. Treatment group

Explanation

The LATE represents the effect on the compliers, because the compliers are the individuals who could be affected by the treatment.

Functions of Random Variable

- ▶ 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
- ▶ Module 9: Single and Multivariate Linear

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 2

0/1 point (graded)

What assumption would need to hold for the Wald estimate to equal the LATE?

- ☐ a. There are only "Compliers"
- ☒ b. There are no "Never takers" ✖
- ☐ c. There are no "Defiers"
- ☐ d. There are only "Always Takers"

Explanation

For the scholarship example, defiers are those who would go to secondary high school even if not offered a scholarship, but would not go if offered a scholarship. If these individuals existed, then we could not separate the effect on defiers from the LATE (the effect on the compliers).


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

Homework due Dec 12, 2016
05:00 IST 

- ▶ Exit Survey

Submit

You have used 2 of 2 attempts

✘ Incorrect (0/1 point)

Discussion

Topic: Module 12 / Local Average Treatment Effect (LATE) - Quiz

Show Discussion



© 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.

