

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 11: Intro to Machine Learning and Data Visualization > Visualizing Data > An Example from Economics, Part I - Quiz

An Example from Economics, Part I - Quiz

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Question 1

1/1 point (graded)

True or False: Standard maps, in which regions correspond to their actual size, are useful for presenting geographic patterns in data, but have the downside that they may give too much visual importance to large areas.

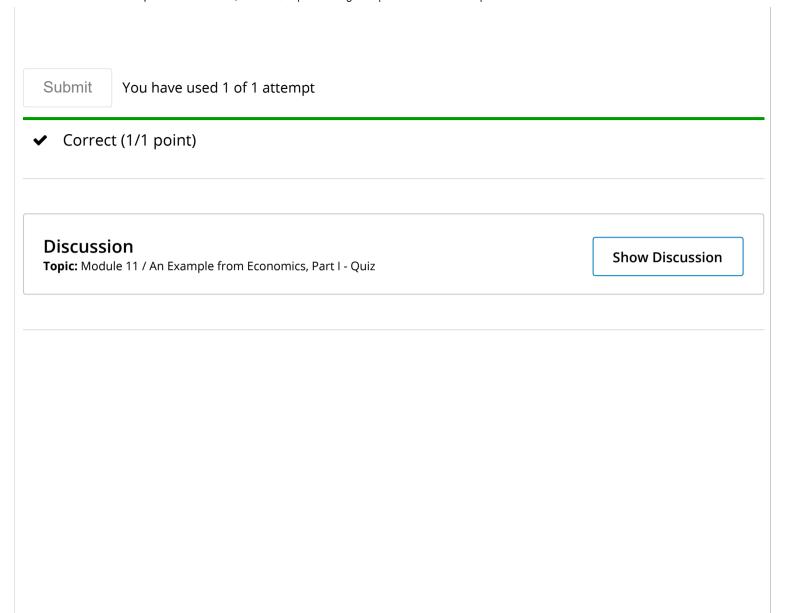
- a. True
- b. False

Explanation

This statement is true. As Prof. Duflo mentions in class, this is one reason why people disagree on whether maps are good tools for presenting data. One way to circumvent this issue is to use maps where each geographical area, such as states, are the same size, but still geographically oriented so that the reader can easily see patterns.

<u>Functions of Random</u> 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



Models

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

Machine Learning I

Finger Exercises due Dec 12, 2016 05:00 IST

Machine Learning II

Finger Exercises due Dec 12, 2016 05:00 IST

Visualizing Data

Finger Exercises due Dec 12, 2016 05:00 IST

- ▶ Module 12: Endogeneity, Instrumental Variables, and Experimental **Design**
- Exit Survey



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