

MITx: 14.310x Data Analysis for Social Scientists

Heli



- 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,
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Module 8: Causality, Analyzing Randomized Experiments, & Nonparametric Regression > Analyzing Randomized Experiments > Bootstrapping and Discussion - Quiz

Bootstrapping and Discussion - Quiz

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Question 1

1/1 point (graded)

True or false: Bootstrapping works well with small samples as well as large samples.

a. True

b. False

Explanation

Bootstrapping works by resampling (with replacement) from a set of data, preserving the original treatment assignment and outcomes for each of observations resampled. In cases where the sample size is very small, this resampling method does not work well, while Fisher's exact test does work for any sample size.

Submit

You have used 1 of 1 attempt

- 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

Causality

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

Analyzing Randomized Experiments

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

✓ Correct (1/1 point)	
Discussion Topic: Module 8 / Bootstrapping and Discussion - Quiz	Show Discussion

Use of Randomization and **Nonparametric Regression** Finger Exercises due Nov 21, 2016 at 05:00 IST Module 8: Homework Homework due Nov 14, 2016 at

Exit Survey

05:00 IST

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