

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

# Gathering and Collecting Data

Finger Exercises due Oct 17, 2016 at 05:00 IST

Summarizing and Describing Data

Module 3: Gathering and Collecting Data, Ethics, and Kernel Density Estimates > Gathering and Collecting Data > Replication Data - Quiz

# Replication Data - Quiz

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# **Question 1**

1/1 point (graded)

Suppose a repeated cross-sectional survey on health is conducted every four years and the unit of observation is the household. Each time the survey is completed, a different set of households from a different set of villages is selected into the sample. The districts that the villages are in does not change, and each time the sample is selected, it is representative of the district. At what level could this survey be considered a "panel"?

- a. Individual
- b. Household
- c. Village
- 🎐 d. District 💙

**Explanation** 

Finger Exercises due Oct 17, 2016 at 05:00 IST

#### Module 3: Homework

Homework due Oct 10, 2016 at 05:00 IST

- Module 4: Joint,
   Marginal, and
   Conditional
   Distributions &
   Functions of Random
   Variable
- Exit Survey

As mentioned in the question, the unit of observation is the household, therefore it cannot be an individual-level panel. Since different households and different villages are surveyed each time, it cannot be a household-level or village-level panel. However, since the data can be aggregated at the level of the district and the same districts are in the sample each year, it can be considered a district-level panel. As Professor Duflo mentions, typically from a repeated cross-sectional survey, when you aggregate enough, you can get to a panel at a larger level of aggregation.

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You have used 1 of 2 attempts

✓ Correct (1/1 point)

# Question 2

1/1 point (graded)

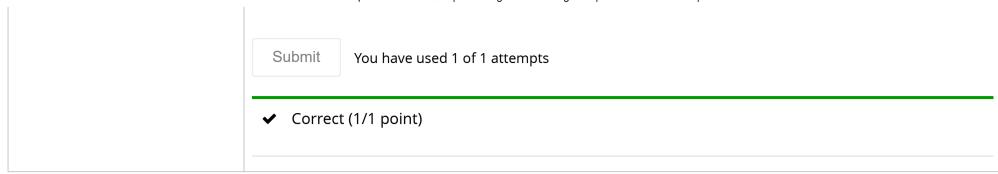
True or False: Although there is a lot of data on the Harvard and J-PAL dataverses, most of these datasets have been explored extensively and therefore they are no longer interesting to study.

a. True

b. False

### **Explanation**

In this segment, Professor Duflo mentions how she believes that these datasets are not used enough. As discussed, researchers often only use a subset of the variables that they collect from the surveys, as they typically focus only on studying the impact of the intervention.



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