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An Example Using Teacher Incentives: Set Up - Quiz

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Question 1

1/1 point (graded)

In the Duflo-Hanna-Ryan teacher incentive experiment discussed in class, the researchers aimed to increase teacher attendance in schools by providing incentives. They then measure the impacts on attendance and student outcomes. The table below shows the summary statistics for the experiment. This series of question is designed to give you some practice interpreting results tables.

For each, please provide your answer to second decimal place, i.e. exactly as it appears in the table.

Table 6.1: Summary Statistics for Duflo-Hanna-Ryan Teacher-Incentive Data

		Control ($N_c = 54$)		Treated ($N_t = 53$)			
	Variable	avg	(s.d.)	avg	(s.d.)	min	max
pretreatment	pctprewritten	0.19	0.19	0.16	0.17	0.00	0.67
posttreatment	open	0.58	0.19	0.80	0.13	0.00	1.00
	pctpostwritten	0.47	0.19	0.52	0.23	0.05	0.92
	written	0.92	0.45	1.09	0.42	0.07	2.22
	written_all	0.46	0.32	0.60	0.39	0.04	1.43

A) On average, what fraction of time are the schools in the control group open in the “posttreatment” period? (Refer to the "open" variable)

0.58 ✔ **Answer:** 0.58

0.58

B) On average, what fraction of time are the schools in the treatment group open in the "posttreatment" period?

0.80 ✔ **Answer:** 0.80

0.80

C) On average, what is the difference in the fraction of time that the schools are open in the treatment and control groups in the “posttreatment” period? (Note: Provide your answer as a positive number).

0.22 ✔ **Answer:** 0.22

0.22

Explanation

Submit You have used 1 of 2 attempts

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 05:00 IST

▸ Exit Survey

✔ Correct (1/1 point)

Question 2

1/1 point (graded)

Based only on your answers to the question above, can you say for sure whether the difference in the fraction of time schools are open between the treatment and control groups is different from zero?

a. Yes

b. No ✔

Explanation

No. We cannot say for sure whether the observed treatment effect is statistically different from zero based only on the information above.

Submit You have used 1 of 1 attempt

✔ Correct (1/1 point)

Discussion

Topic: Module 8 / An Example Using Teacher Incentives: Set Up - Quiz

Show Discussion