

Effect of incentives on real effort tasks (#29539)

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1) Have any data been collected for this study already?

No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?

How the different incentives affected the productivity of an individual measured through the different tasks of real effort

3) Describe the key dependent variable(s) specifying how they will be measured.

Number of correct answers in each of the real effort tasks.

4) How many and which conditions will participants be assigned to?

Three conditions according to the incentive received: (1) fixed payment, (2) payment for each correct answer, and (3) no payment. In addition, we extend the sample to two more groups, with similar characteristics, for modifying their incentives.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.

An econometric analysis is performed for each of the real effort tasks (counting zeros, adding matrices and decoding). A linear regression that predicts the number of correct answers with two dummy variables that indicate which group it belongs to, taking as control those who do not receive payment. Standard errors will be computed in two ways: robust standard errors and corrected by cluster according to the current race.

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.

No exclusions are considered in the pre-registration.

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.

We seek to expand the sample using the two groups of the statistics course (approximately 60 people) in order to avoid the repetition of observations. These data will be collected during the week of November 1 at the time of monitoring, using the same methodology as with the students of basic econometrics this semester.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)

Payments will be defined as follows:

- a. Payment for each correct answer is 300 COP.
- b. The fixed payment is 2,000 COP per person.
- c. The other group will not be rewarded.