ASPREDICTED

Traits of personality and the willingness to undertake, Bogotá, 2019 (#29659)

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

It's complicated. We have already collected some data but explain in Question 8 why readers may consider this a valid pre-registration nevertheless.

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

Is it possible to establish a relation between the traits evaluated in the Big Five study in association with the willingness of each individual to undertake a business?

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

Perception about entrepreneurship. This variable will be measured by using the same questions and scores as the data collected during the 5 weeks trial. The main idea is to evaluate the effect of each trait considered in the Big Five study in the behaviour of each individual related to its willingness to start a business.

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

We are going to assign two conditions: students from private university vs students from other institutions. This way we can analize the diference in the perception about entrepreneurship between the two types of the students, being mainly focused on what kind of monetary activity they want to have after finishing their studies.

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

Linear regression predicting the willingness to undertake score using the questions previously registered, with a dummy variable indicating whether the individual is from the private university or from another institution. We intend to use a survey to collect the information that will determine the conduct of the dependent variable. Standard errors will be computed using robust standard errors.

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

If we get Outliers in the data collected from our sample, we are going to use the variable as the log function of our original variable, so we can compress the data info and anulate the outlier effect, after that we can analize it as a normal data.

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.

The number of observations will be about 186 because the sample size consists in the sample selected in the private university and the sample of individuals from other institutions. This way, we have 98 individuals from are the courses of econometrics, which is the sample of the experiment previously used to find the Big Five traits, and the students from other institutions near the university, hoping to survey 98 extra people to equalize the samples and have 186 observations.

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

We want to enlarge the sample with students from another institutions to create a new dummy variable, that will be if it's a student of the University del Rosario, or if it's from another institution, and observe how much the data changes between individuals and its effects on the dependent variable.