AS PREDICTED

ENTREPRENEUR'S PERSONALITY, Bogotá, October 2019 (#29660)
This AsPredicted is just a test. It will self-destruct in 24 hours. Not an actual pre-registration.

Created: 10/22/2019 07:17 PM (PT)

Shared: 10/22/2019 07:33 PM (PT)

This pre-registration is not yet public. This anonymized copy (without author names) was created by the author(s) to use during peer-review.
A non-anonymized version (containing author names) will become publicly available only if an author makes it public. Until that happens the contents of this pre-registration are confidential.

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?
Are personality traits a significant determinant of an economics student's desire to become an entrepreneur?

We believe that a higher degree of openness, extraversion, conscientiousness and a lower degree of anxious behaviour will be related to a greater desire of an economics student to become an entrepreneur.

3) Describe the key dependent variable(s) specifying how they will be measured.
A student's desire to become an entrepreneur has been measured on a scale from 1 to 7, where 1 means that the student is not interested at all and 7 that he is very interested in becoming one. This variable has been measured twice: first, by asking the student for her interest in becoming an entrepreneur immediately after graduating, and the second time, her interest in becoming an entrepreneur five years after having graduated.

4) How many and which conditions will participants be assigned to?
No additional condition is going to be applied, as data is already collected. We don't need to expand the sample or to recollect additional information. No control group will be selected among the students that will be studied.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
Linear regression for two outcomes: the desire to become an entrepreneur once graduated and the desire to become an entrepreneur five years after graduating. The main independent variables are four traits of the Big-Five: openness, conscientiousness, extraversion, and neuroticism. These variables' values are obtained from other categories measured in a survey, where the student was asked to grade some traits of her personality in a scale from 1 to 7, according to the Big-Five methodology. Therefore, each of these four variables takes a value in a range from 1 to 14, for each student.

Each of these for variables has a specific meaning:

Openness: A higher value of this variable represents a higher degree of cretiveness and a higher aversion toward routines.

Conscientiousness: A higher value of this variable represents a higher degree of self control and discipline.

Extraversion: A higher value of this variable represents a higher degree of sociability.

Neuroticism: A higher degree of this variable represents that the person is calm and emotionally stable rather than anxious.

The control variables will be the student's gender, a dummy variable named ("conoce_empresarios") that indicates if the student knows any entrepreneurs, and the student's average score.

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.
In the pre-registration, we will not consider any exclusions. The rating range of interest to become an entrepreneur may be narrow, but all results are normal.

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 sample consists of 90 students of La Universidad del Rosario that enrolled in the Basic Econometrics course in the second semester of 2019. No more data will be collected since there is information from five databases. There´s access to all the research that professors Cesar Mantilla and Paul Rodriguez performed. The fifth database provides the data regarding entrepreneurship, and the second database offers information regarding big five variables.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)
There is nothing else to preregister.