Assignment 6

The due date for submitting this assignment has passed. Due on 2021-03-23, 23:59 IST.

As per our records you have not submitted this assignment.

1) What is the first step when deciding on whether to carry factor analysis?
   - 1 point
   - Acceptable Answers:
     - Converting of correlation matrix

2) What among the following is the reason to carry factor analysis?
   - 1 point
   - Acceptable Answers:
     - To identify a smaller set of uncorrelated variables from a larger set of variables

3) Which among the following is a type of factor analysis?
   - 1 point
   - Acceptable Answers:
     - Exploratory factor analysis

4) Which command is used to start the factors for further analysis?
   - 1 point
   - Acceptable Answers:
     - start

5) How many coefficients are there in a simple linear regression model (one independent variable)?
   - 1 point
   - Acceptable Answers:
     - 1

6) The technique by which we estimate the value of one variable on the basis of other variables?
   - 1 point
   - Acceptable Answers:
     - Regression analysis

7) In regression analysis, R-square is also known as?
   - 1 point
   - Acceptable Answers:
     - Coefficient of determination

8) If \( Y = 0.5 - 0.4X \), what is the value of intercept?
   - 1 point
   - Acceptable Answers:
     - 0.5

9) In regression analysis on Stata, the robust option is used in the command to control for which assumption of the OLS model?
   - 1 point
   - Acceptable Answers:
     - Heteroskedasticity

10) In stata, which command is used to run a regression model?
    - 1 point
    - Acceptable Answers:
      - regress