INSTRUCTIONS FOR GROUP ASSIGNMENT 2: EMPIRICAL REPORT

Marks: 30

You work in groups for this assignment where in you will be required to analyze a dataset and send an empirical report.

One member from th group will be sending three file s(see point B below) attached in a single **Email. Copy each group member and write their names.**

The email subject line Should have "GROUP NUMBER XX ASSIGNMENT 2: EMIRICAL REPORT"

A. Deadline:

A.1 Report : November 7th is the due date by 1 PM for submitting reports

A.2 Viva: November 10th. The class to tell me when to meet on November 10t^h for 1.5 hours. Each group will have to appear for a viva for 15 minutes

B. EMPIRICAL REPORT STRUCTURE
1. You submit a pdf of empirical report (max 4 pages)
2. do file and
3. the log file

B.1.1 Format of the Empirical Report: PDF

1. Group Members with roll number
2. Dataset used
   Paragraph explaining the data.
3. What technique you are using and why?
   a. Why you are doing the logit/ probit and comparing with LPM
   b. Or Why are you interested in the decomposition
4. Explain the model using the technique
   a. Write the research question in equation form using the model (Binary Dependent Variable (LPM, Logit , probit, logistic) or Oaxaca Blinder.
5. Explaining the model variables
6. Copying the stat result as pictures
7. Interpreting the results

B.1.2. Format of DO file:

1. Please annotate your do files with as many comments as possible.

2. Please do mention your group number and the member names in the do file as the first thing as a comment.

C. Dataset:

Choose either the dataset given to your group or choose your own data . The entire marks are for the conceptualization of a good model based on intuitive sense. Using the datatset, you can decide to do either one of the following

1. Do analysis when binary dependent variable, do LPM and compare with Logit or Probit. Also comment on Logistic results
2. Do a decomposition between two groups: you are free to choose the group variable.

C.1 Dataset Assignment:

Group 1: Dataset:Wage 1; Job Training and workers productivity: Wooldridge Example 2.7

Group 2: Dataset: BWGHT. contains data on births to women in the United States.: See q 4 in chapter 2 exercise for possible ideas on how to read the dataset

Group 3: Dataset: Crime1: Economic model of crime, Wooldridge example 1.1

Group 4: Dataset: CEOSAL1: CEO Salary and return on equity, example 2.3 Wooldridge

Group 5: Dataset:GPA1: College GPA : See Example 3.1 Wooldridge for the dataset idea and description.

Group 6: Dataset: twoyear, College data, See chapter 4 sec 4.4 for example of this dataset.

Group 7: WAGE2: monthly salary (*wage*) in terms of IQ score (*IQ*) , chapter 2 exercise C4

The datasets that can be used are as follows. Please note that you will have to understand the dataset on your own. There is no paragraph that describes the data in the book and you will have to make sense of it on your own. Note that the same dataset may be used in multiple places showing different concepts in the text book. I am just listing an example where the dataset is used once in the book. If you want more suggestions of how to frame your research question, and make a better model, read on all possible example to the dataset assigned to you. The more relevant factors you include in the model, the better your model be.