Laboratory of Econometrics I
El Colegio de México | CEE

Humberto Martínez García

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E-mail: hmartinez@colmex.mx
https://github.com/betoikos/Lab_Econ_I

Friday 10:00-12:00 hrs
Class Room: 2261

Course Description

The Laboratory of Econometrics I will consist of a series of 15 sessions. 10 of such sessions will be devoted to solve some of the most challenging problems in the Problem Sets of Econometrics I. The other 5 sessions will be for programming in **R** only.

Required Materials

The student is fully responsible for bringing to the classroom a laptop with **R**, **R-Studio**, **GitHub** and **Brackets** previously installed on it, since the second laboratory session. The links to download them are:

- R: https://cran.itam.mx/
- R-Studio: https://www.rstudio.com/products/rstudio/download/#download
- GitHub: https://desktop.github.com/
- Brackets:[1] http://brackets.io/

Course Objectives

Since this is a support class for the Econometrics I course, the objectives are subject to it. So, this lab will be considered successful if the following objectives are attained:

1. The student understands *how to solve* his/her homework assignments.
2. The student is able to replicate his/her assignments results by programs written by him/her in the **R** language.
3. Given 1 and 2, the student will accomplish satisfactory grades in his/her exams.
4. Therefore, the student will obtain a decent grade in Econometrics I (8 or greater).

[1] Also install the following extensions in Brackets: "Brackets Markdown Preview" and "Markdown Toolbar"

Grading Policy

This Laboratory can give you up to 10 out of 100 points for your Econometrics class. This points will be divided in the following proportions:

- **50%** Work in class.
- **50%** Project in R.

Work in class

For the programming sessions the student will upload his/her work into the Github Repository "Lab_Econ_I" under the file of his/her lastname. The deadline for it will be the specific day of the session before 13:00 hrs.

The name for the files will be of this kind: "Martinez_WIC_260118**.R**" and "Martinez_WIC_260118**.md**", where WIC stands for Work In Class and the numbers in front represent the date.

Each session work will be graded from 1 to 5. These grades will be averaged.

Project in R

The student will replicate specific exercises (most of them) from ***all*** his/her Problem Sets using his/her acquired knowledge of R. Then, the student will upload his/her work into the Github Repository "Lab_Econ_I" under the file of his/her lastname. The deadline will be 23:59 hrs, May 14th. It will consist of two parts:

- MarkDown file: With all the written parts of the work, all the explanations of procedure, etc. properly ordered.
- Code: As fewer scripts as possible, but as many as necessary for the project.

The name for the files will be: "Martinez_Rproject**.md**", "Martinez_PS_1.1.1**.R**", "Martinez_PS_1.1.2**.R**", etc. Where PS means "Problem Set" and the numbers in front will be the corresponding with the numbers in the Problem Set.

*****Note*****

Since the code will be available to everybody through the repository for the lab some things will be taken into account when grading Work in Class and the Project.

- If two (or more) persons have the exact same chunks of code, the grade will be split between them at least that the following happens.
- If one person uses another person's code it should be referenced. Example: If Fulanita wants to use some part of Pepito's code, then Fulanita should express it into their code as, for example, "The following chunk of code comes from:_Pepito_250319.R" ... you got the idea. If it is not clarified then It will be considered plagiarism and the plagiarist will be graded **zero** for the code.
- For the given reasons, if someone's code is used (and referenced) for another person the following will happen. The person who authored first the code will get a better grade and the person who used the code will get a *not so good* grade (but definitely better than zero).

Course Policies

1. The student must keep his/her phone in his/her pocket (without sound). The insistence will mean a zero on the next graded thing.
2. Attendance is not required. However:
   - If the student doesn't go to a session with R, he/she will lost the grade for the corresponding day.
   - I will take note of the attendance and will send the final list to Prof. Eneas for his consideration.
3. Anything out of time will be graded zero.
4. Plagiarism or any other kind of dishonesty will not be tolerated. Please do the right thing.

Schedule

Day	Problem Sets	R Programming	Notes
26-ene	*		
02-feb	*		Schedule situation.
09-feb		*	
16-feb	*		
23-feb	*		
02-mar		*	
09-mar	*		
16-mar	*		Schedule situation.
23-mar		*	
06-abr	*		
13-abr	*		
20-abr		*	
27-abr	*		
04-may	*		
11-may		*	Schedule situation.