

LUISS Guido Carli

Econometrics – (A79)

Applied Statistics and Econometrics – (AC3)

Last updated: February 5, 2012

Instructor:

Giuseppe Ragusa

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Office hours: TBA

Teaching Assistants:

Francesca Di Leo

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OH: TBA

Antonio Pacifico

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OH: TBA

web page: <http://gragusa.org/teaching/ase/>

1 Course Description

The aim of this course is to provide an introduction to the practice of econometrics. While both theoretical and practical aspects of econometrics will be covered, emphasis will be on intuitive understanding: concepts will be illustrated with real world applications on real world data.

2 Class Website

The class website is

<http://gragusa.org/teaching/ase/>

Please, be sure to visit the course web page regularly, as all materials for the class, occasional messages and any changes in the schedule will be posted there.

3 Textbooks

Required:

- Stock, James H. and Mark W. Watson, Introduction to Econometrics, Addison Wesley; 3rd edition, ISBN: 1408264331

Optional:

- Jeffrey Wooldridge, Introductory Econometrics, South Western, fourth edition, 4th edition, ISBN: 0324788908

4 Exams and Grading Policy

You have two options:

- **(Standard option)** You take a Final written examination on TBA and an oral exam on TBA. Your grade will be the average of the two. In order to pass the class, you have to score more than 18/30 in each exam.
- **(Midterm option)** You take two written examinations, a Midterm on TBA and a **comprehensive** Final on TBA. In this case your grade in the class will be calculated as the maximum between the average of your grades in the two exams and the grade in the final. For example, suppose you earn a 24/30 in the Midterm. If you earn 20 in the Final, your final grade will be $(24 + 20)/2 = 22/30$; if instead your score on the final is 29 your final grade will be 29/30. If you score less than 18/30 in the Midterm you will have to take both the written and the oral examinations described in the standard option.

	Midterm Option		Standard Option	
	Midterm (Written)	Final (Written)	Final (Written)	Oral Exam
Dates	TBA	TBA	TBA	TBA
			TBA	TBA
Weights	50%	50%	50%	50%
Total Grade	$\max\{(Midterm + Final)/2, Final\}$			

5 Computer software

The software that will be used in this course is **STATA**. No prior knowledge of this software package is assumed. This package will be introduced in the TA Sessions. STATA is installed in the Computer Lab (A305).

6 TA Sessions

We have two very capable teaching assistants assigned to this course: Francesca di Leo and Antonio Pacifico. They will lead a weekly session which will be held in the computer lab. These classes are an important part of the course and regular attendance is strongly advised. During these sessions, the TA will review the concepts introduced in class.

Below is the schedule of the TA sessions. Whether you have to attend the Wednesday class rather than the Thursday class depends on the initial of your last name.

TA	Where	When	Who
Students whose name starts with the letter			
Francesca Di Leo	A306	Wednesday, <i>14:45-16:15</i>	TBA
Antonio Pacifico	A306	Thursday, <i>8:30-10:00</i>	TBA

7 Learning outcomes you are expected to achieve

By the end of the course, students are expected to:

1. understand the statistical assumptions underlying regression analysis, and when they are appropriate;
2. be able to understand, interpret and evaluate data analysis performed by others;
3. be able to construct basic forecasting models;
4. become familiar with STATA.

8 Attendance

It is expected that all students attend the lectures and the TA sessions, be up to date with their readings and be prepared to participate fully in class. Please ask questions in class or during office hours if you have any problems or misunderstandings. If you miss a class I expect that you will catch up the missed notes from another student. I will not be giving out my notes to any student.

9 Cheating and other forms of dishonesty

I have no tolerance for cheating. I regard academic dishonesty as a very serious offense. Students caught cheating during exams will fail the class and will be reported to the appropriate

officer of the college.

10 Cell phone policy

The use of cell phones during class will be regarded as a sign of disrespect and it will be treated accordingly.