
I. Classical Regression and Hypothesis Testing.
Intriligator, Chapters 1-5, 7-9.
Maddala, Chapters 7, 8.

II. Generalized Least Squares: Pooling; Seemingly Unrelated Regressions.
Intriligator, Chapter 6, sections 1-5.
Maddala, Chapters 12, 14.

III. Asymptotic Distributions

IV. Stochastic Regressors; Errors in Variables; Distributed Lags.
Intriligator, Chapter 6, sections 7-10.
Maddala, Chapter 9, sections 1-6; Chapters 13, 16.

V. Simultaneous Equations
Intriligator, Chapters 10-13.
Maddala, Chapter 11.

Examinations and Term Projects
There will be one midterm examination, one final exam (possibly take-home) and a term project, accounting for 20%, 40% and 40%, respectively, of your final grade. The term project is to be a combination of theoretical and applied research demonstrating your understanding of and ability to apply a particular methodology. A written paper surveying your reading on the theoretical aspects of the methodology and presenting your application of this methodology is required. For example, one might choose to survey the critical literature on the Almon Lag technique, beginning with references in Chapter 16 of Maddala, and then demonstrate the problems of parameter specification with the Almon technique by applying it to a particular data set. Your choice topic may be conditioned by the computer programs available and your facility with computer programming, as well as your statistical background. For possible topics many ideas are contained in Maddala's discussions of applied econometric problems and Intriligator's
chapters on applications of econometric methods. You are of course free to select a topic which will not be covered in the reading assignments. You are required to submit a written proposal for your project by September 25, and your final paper is due on the last day of classes. Late papers will be marked down by 10 percentage points without exception. Depending upon enrollments and time available I hope to schedule one class period for each of you to present a summary of your project to the class.