Requirements for

Structural Vector Autoregressions and Asymptotic Theory for Time Series Econometrics 2011

The course grade will be based on the homework assignments for the asymptotic theory part (20%) and on an empirical project (80%).

Empirical Project

Perform a structural VAR analysis based on the assigned paper. In particular, perform the following tasks:

1. Get the data and prepare them such that they can be used with JMulTi or some other software that you choose to use.
2. Reestimate the model used in the assigned paper with classical ML methods. If the model in the assigned paper is not in a standard SVAR or SVECM form, estimate the related SVAR/SVECM model.
3. Perform model checks with standard VAR testing procedures. Do robustness analyses by extending or reducing the lags and/or variables used in the model.
4. Try other identification schemes.
5. Interpret your results.
6. Write up the main results in a short report of maximum 10 pages.

The report is due 8 April 2011 (15:00).