4084 Macro Econometrics: Forecasting and Macroeconometric Modelling in Theory and Practice

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SS 2014, Monday 17:00-18:30, TC.4.13, and computer lab rooms in D2.

Announced for DrP in majors Volkswirtschaftslehre and Spezielle Statistik. You will find further information at: http://vvz.wu.ac.at/cgi-bin/vvz.pl?C=S&LANG=DE&S=14S&LV=3&L2=S&L3=S&T=&L=Url&I=&JOIN=AND.

**Compulsory reading:** Diebold(1998), Granger (2007).

**Compulsory Topics:**

**Seasonal Adjustment and Outlier Detection in Time Series,**

Seasonal Adjustment, Outlier Detection, Calendar Effects

**Time Series Forecasting, univariate**

Estimating and Forecasting Autoregressive Moving Average Models

**Macroeconometric Modeling: Alternative Approaches**

Overview and Comparison of multivariate models

**Optional Topics:**

**Forecasting and Policy Analysis with Bayesian Vector Autoregression Models**

Estimating and forecasting with Vector Autoregression Models

**Forecasting with Large Scale Macroeconometric Models,**

Properties of large scale models using either the US-model of Ray Fair or the WIFO-Macromod for Austria to do Forecasts

**Dynamic General Equilibrium Models**

Modeling and forecasting with New Keynesian Real Business Cycle Models
A Long-run Structural Model of the UK
Modeling and forecasting with Vector Cointegrated Autoregressive Models

Economic Forecasting in a Changing World
Modeling and forecasting structural breaks

GARCH - Theory and Application of Modelling Volatility
Modeling and forecasting structural breaks
Ref.: Tsay (2010), Ch. 3 and 10.
Daten: http://faculty.chicagobooth.edu/ruey.tsay/teaching/fts3/.
References


Koop, G., Forecasting with Medium and Large Bayesian VARS, Journal of Applied Econometrics, 28(2) 2013, 177-203.


