



DISTINGUISHED SPEAKER SEMINAR



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“Panel Data Forecasting”

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Auditorium M1 building 2628

Abstract

This talk reviews the panel data forecasting literature. Starting with simple forecasts based on fixed and random effects panel data models. Next, these forecasts are extended to allow for various AR-MA type structure on the disturbances, as well as spatial autoregressive and moving average type disturbances. These forecasting methods are then studied in the context of seemingly unrelated regressions. We highlight several forecasting empirical applications using panel data, as well as several Monte Carlo studies that compare various forecasting methods using panel data. The talk concludes with suggestions for further work in this area.

Badi H. Baltagi is distinguished Professor of Economics, and Senior Research Associate at the Center for Policy Research, The Maxwell School, Syracuse University. He received his PhD in Economics at the University of Pennsylvania in 1979. He is also part-time Chair in Economics, University of Leicester, and was a visiting Professor at the University of Arizona and the University of California, San Diego. He is the author of several books including: (1) *Econometric Analysis of*

Panel Data (Wiley), (2) *Econometrics* (Springer), and editor of (3) *A Companion to Theoretical Econometrics* (Blackwell); (4) *Recent Developments in the Econometrics of Panel Data, Volumes I and II* (Edward Elgar); (5) *Nonstationary Panels, Panel Cointegration, and Dynamic Panels* (Elsevier). He is also author or co-author of over 150 publications, all in leading economics and statistics journals. Professor Baltagi is editor of *Economics Letters*, editor of *Empirical Economics*, and associate editor of *Journal of Econometrics* and *Econometric Reviews*. He is the replication editor of the *Journal of Applied Econometrics* and the series editor for *Contributions to Economic Analysis*. He is a fellow of the *Journal of Econometrics* and a recipient of the *Multa and Plura Scripsit Awards* from *Econometric Theory*. Also fellow of the *Advances in Econometrics* and recipient of the Distinguished Authors Award from the *Journal of Applied Econometrics*. He is also Director and Founding Member of the *International Association for Applied Econometrics*.

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