

Module web page: <http://www.warwick.ac.uk/go/arulampalam/panel>

## Module outline and reading list

### *Outline*

1. Introduction
2. Static Linear Models
3. Dynamic Linear Models
4. Static Binary Dependent Variable Models
5. Dynamic Binary Dependent Variable Models
6. Other Models and Issues

### *Reading List*

Currently there are many books that deal with panel data models. I have listed some of them below with some comments. The books listed below have a full set of detailed references to many articles published on the theoretical aspects as well as applications of the techniques.

### **Text Books**

Arellano, Manuel (2003) Panel Data Econometrics, Oxford University Press. [This is an excellent book but only deals with linear models. It is also very technical.]

Baltagi, Badi H. (2005) Econometric Analysis of Panel Data, 3<sup>rd</sup> Edition, Wiley. [This book has been in existence for a long time and the author has been frequently updating the book.]

Cameron, A. Colin & Pravin K. Trivedi (2005) Microeconometrics: Methods and applications, Cambridge University Press. [This is a very recent excellent book which covers many topics that are not covered in Wooldridge. I like the way the issues are set out and dealt with.]

Hsiao, Cheng (2003) Analysis of Panel Data, 2<sup>nd</sup> Edition, Cambridge University Press. [This book has been in the market for a long time and has been recently updated. The topics covered are not that extensive as in Cameron and Trivedi or Wooldridge. A lot of technical matter is presented.]

Verbeek, Marno (2004) A guide to modern econometrics, 2<sup>nd</sup> edition, Wiley.

Wooldridge, Jeffrey, M. (2002) Econometric Analysis of Cross Section and Panel Data, MIT Press. [This is an excellent up-to-date text. I like the way the issues are set out and dealt with.]

### **Journal Articles**

Arellano, Manuel and Bo Honoré (2001) Panel Data Models: some recent developments, Chapter 53 in J. Heckman and E. Leamer, eds., Handbook of Econometrics, North-Holland, Amsterdam, 3229-3296.

Baltagi, Badi H. & James M Griffin (Aug 1995). A dynamic demand model for liquor: the case for pooling, The Review of Economics and Statistics, Vol 77, Issue 3, 545-554.

Bond, Stephen (2002). Dynamic panel data models: A guide to micro data methods and practice, cemmap Working Paper CWP09/02.

Maddala, G S (1987) Limited dependent variable models using panel data, Journal of Human Resources, 22, 307-338 [this is a good survey article – a bit out of date though.]