

## ECONOMETRICS TEXTS

The following is an incomplete list of econometrics texts. The degree of difficulty is increasing from I to III.

### Level I

- Gujarati, D., *Essentials of Econometrics*, McGraw Hill, 1998.  
Hu, T., *Econometrics. An Introductory Analysis*, University Park Press, 1982.  
Johnson, Jr. A.C., M.B. Johnson, and R.C. Buse, *Econometrics, Basic and Applied*, Macmillan, 1987.  
Katz, D.A., *Econometric Theory and Applications*, Prentice-Hall, 1982.  
Kelejian, H.H., and W.E. Oates, *Introduction to Econometrics, Principles and Applications*, Harper and Row, 1988.  
Kennedy, P., *A Guide to Econometrics*, MIT Press, 1998.  
Ramanathan, R. *Introductory Econometrics with Applications*, Harcourt Brace Jovanovich, 1997.  
Thomas, R.L., *Introductory Econometrics, Theory and Applications*, Longman, 1993.  
Wallace, T.D., and J.L. Silver, *Econometrics, An Introduction*, Addison-Wesley, 1988.  
Wonnacott, R.J., and T.H. Wonnacott, *Econometrics*, Wiley, 1979.

### Level II

- Christ, C., *Econometric Models and Methods*, Wiley, 1966.  
Goldberger, A.S., *Econometric Models, Techniques, and Applications*, Prentice-Hall, 1995.  
Gujarati, D.N., *Basic Econometrics*, McGraw Hill, 1999.  
Intriligator, M.D., *Econometric Models, Techniques and Applications*, Prentice Hall, 1995.  
Johnston, J., and J. DiNardo, *Econometric Methods*, McGraw-Hill, 1997.  
Judge, G.G., R.C. Hill, W.E. Griffiths, H. Luetkepohl and T.C. Lee, *Introduction to the Theory and Practice of Econometrics*, Wiley, 1988.  
Klein, L.R., *A Textbook of Econometrics*, Prentice-Hall, 1974.  
Kmenta, J., *Elements of Econometrics*, Macmillan, 1997.  
Maddala, G.S., *Econometrics*, McGraw Hill, 1977  
Pindyck, R.S., and D.L. Rubinfeld, *Econometric Models and Economic Forecasts*, McGraw-Hill, 1991.  
Theil, H., *Introduction to Econometrics*, Prentice-Hall, 1978.  
Train, K., *Qualitative Choice Analysis*, MIT Press, 1986.  
Wooldridge, J.M., *Introductory Econometrics: A Modern Approach*. South-Western College Publishing, 1999.

### Level III

- Amemiya, T., *Advanced Econometrics*, Harvard University Press, 1985.
- Bierens, H., *Robust Methods and Asymptotic Theory in Nonlinear Econometrics*, Lecture Notes in Economics and Mathematical Systems, Springer-Verlag, 1981.
- Bierens, H., *Topics in Advanced Econometrics*, Cambridge University Press, 1996.
- Cameron, A.C., and P.K. Trivedi, *Regression Analysis of Count Data*, Cambridge University Press, 1988.
- Chow, G.C., *Econometrics*, McGraw-Hill, 1983.
- Chow, G.C., *Econometrics Analysis by Control Methods*, Wiley, 1981.
- Davidson, J., *Stochastic Limit Theory*. Oxford: Oxford University Press, 1994.
- Davidson, J., *Econometric Theory*, Blackwell, 2000.
- Dhrymes, P., *Econometrics*, Springer, 1974.
- Dhrymes, P., *Distributed Lags*, Elsevier Science, 1981.
- Fisher, F.M., *The Identification Problem in Econometrics*, McGraw-Hill, 1966.
- Fomby, T., Hill, R.C., and Johnson, S.R., *Advanced Econometric Methods*, Springer-Verlag, 1984.
- Gallant, R.A., *Nonlinear Statistical Models*, Wiley, 1987.
- Gallant, R.A., and H. White, *A Unified Theory of Estimation and Inference for Nonlinear Dynamic Models*, Basil Blackwell, 1988.
- Godfrey, L.G., *Misspecification Tests in Econometrics*, Cambridge University Press, 1991.
- Green, W.A., *Econometric Analysis*, 4th edition, Prentice Hall, 2000.
- Hayashi, F., *Econometrics*, Princeton University Press, 2000.
- Hendry, D.F. and Wallis, K.F. (eds), *Econometrics and Quantitative Economics*, Basil Blackwell, 1984.
- Judge, G.G., Griffiths, W.E., Hill, R.C., Lutkepohl, H. And T.C. Lee, *Theory and Practice of Econometrics*, Wiley, 1985.
- Malinvaud, E., *Statistical Methods of Econometrics*, North Holland, 1981.
- Maddala, G.S., *Limited Dependent and Qualitative Variables in Econometrics*, Cambridge University Press, 1986.
- Pollock, D.S.G., *The Algebra of Econometrics*, Wiley, 1978.
- Poetscher, B.M., and I.R. Prucha, *Dynamic Nonlinear Econometric Models*, Springer Verlag, 1997.
- Rothenberg, T.J., *Efficient Estimation with A Priori Information*, Yale University Press, 1973.
- Ruud, P.A., *An Introduction to Classical Econometric Theory*. Oxford University Press, 2000.
- Schmidt, P., *Econometrics*, Dekker, 1976.
- Theil, H., *Principles of Econometrics*, Wiley, 1971.
- White, H., *Asymptotic Theory for Econometricians*, Academic Press, 1984.
- White, H., *Estimation, Inference and Specification Analysis*, Cambridge University Press, 1996.

## REFERENCES FOR THE ANALYSIS OF PANEL DATA AND SPATIAL DATA

The following is an incomplete list of texts that focus on the econometric/statistical analysis of panel data and spatial data.

- Anselin, L., *Spatial Econometrics: Methods and Models*, Kluwer, 1988.  
Arrelano, M., *Panel Data Econometrics*, Oxford University Press, 2002.  
Baltagi, B.H., *Econometric Analysis of Panel Data*, Wiley, 2001.  
Cliff, A., and J. Ord, *Spatial Autocorrelation*, Pion, 1973.  
Cliff, A., and J. Ord, *Spatial Processes, Models and Applications*, Pion, 1981.  
Hsiao, C., *Analysis of Panel Data*, Cambridge University Press, 1990.  
Wooldridge, J.M., *Econometric Analysis of Cross Section and Panel Data*, MIT Press, 2001.

## REFERENCES FOR TIME SERIES ANALYSIS

The following is an incomplete list of texts that focus on the econometric/statistical analysis of time series.

- Aoki, M. *State Space Modeling of Time Series*. Springer Verlag, 1987.  
Anderson, T.W. *The Statistical Analysis of Time Series*. Wiley, 1994.  
Box, G.E.P. and G.M. Jenkins. *Time Series Analysis: Forecasting and Control*. Prentice Hall 1994.  
Brillinger, D.R. *Time Series: Data Analysis and Theory*. San Francisco: Holden Day, 1981.  
Brockwell, P.J. and R.A. Davis. *Time Series: Theory and Methods*. Springer-Verlag, 1991.  
Caines, P. *Linear Stochastic Systems*. Wiley, 1988.  
Dhrymes, P. *Time Series, Unit Roots, and Cointegration*. Academic Press, 1998.  
Enders, W. *Applied Econometric Time Series*. Wiley, 1996.  
Fishman, G. *Spectral Methods in Econometrics*. Harvard University Press, 1969.  
Fuller, W.A. *Introduction to Statistical Time Series*. Wiley, 1995.  
Granger, C.W.J. and P. Newbold. *Forecasting Economic Time Series*. Academic Press, 1987.  
Grenander, U. and M. Rosenblatt. *Statistical Analysis of Stationary Time Series*. Wiley, 1957.  
Hamilton, J.D. *Time Series Analysis*. Princeton University Press, 1994.  
Hannan, E.J. *Multiple Time Series*. Wiley, 1970.  
Hannan, E.J. and M. Deistler. *The Statistical Theory of Linear Systems*, Wiley, 1988.  
Harvey, A.C. *Forecasting, Structural Time Series Models and the Kalman Filter*. Cambridge University Press, 1991.  
Harvey, A.C. *The Econometric Analysis of Time Series*. MIT Press, 1990.  
Harvey, A.C. *Time Series Models*. MIT Press, 1993.  
Hatanaka, M. *Time-Series-Based Econometrics, Unit Roots and Cointegration*. Oxford University Press, 1996.

- Hendry, D.F. *Dynamic Econometrics*. Oxford University Press, 1995.
- Johansen, S. *Likelihood-Based Inference in Cointegrated Vector Auto-Regressive Models*, Oxford University Press, 1995.
- Lutkepohl, H. *Introduction to Multiple Time Series Analysis*. Springer Verlag, 1993.
- Maddala, G.S., and I.-M. Kim, *Unit Roots, Cointegration and Structural Change*. Cambridge University Press, 1999.
- Nelson, C.R. *Applied Time Series Analysis for Managerial Forecasting*, Holden Day, 1973.
- Priestley, M.B. *Spectral Analysis and Time Series*. Academic Press, 1982.
- Reinsel, G.C. *Elements of Multivariate Time Series Analysis*. Springer Verlag, 1993.
- Rozanov, Y.A. *Stationary Random Processes*. Holden Day, 1967.
- Solo, V. *Topics in Advanced Time Series (Lecture Notes in Mathematics 1215)*. Springer-Verlag, 1986.
- Whittle, P. *Prediction and Regulation of Linear Least Squares Methods*. Basil Blackwell, 1984.
- Yaglom, A.M. *An Introduction to the Theory of Stationary Random Functions*. Dover, 1962.

## **HANDBOOKS**

- Griliches, Z., and M.D. Intriligator, *Handbook of Econometrics*, Vol. 1-3, North-Holland, 1983, 1984, 1986.
- Engle, R.F., and D.L. McFadden, *Handbook of Econometrics*, Vol. 4, North-Holland, 1994.
- Heckman, J., and E. Leamer, *Handbook of Econometrics*, Vol. 5, North-Holland, 2001.
- Baltagi, B.(ed.), *A Companion in Theoretical Econometrics*, Basil Blackwell, 2001

## **EXERCISE COLLECTIONS**

- Phillips, P.C.B., and M.R. Wickens, *Exercises in Econometrics*, Vol. I & II, Allen/Ballinger, 1978.
- Berndt, E.R., *The Practice of Econometrics: Classic and Contemporary*, Addison-Wesley, 1991.