

Economics 671: Applied Econometrics
Department of Economics, Finance and Legal Studies
University of Alabama

An Incomplete Reading list

1. Computing issues with nonlinear regression

- (a) McCullough (2004). "Some Details of Nonlinear Estimation," *Numerical Methods in Statistical Computing for the Social Sciences* Eds. Altman, Gill and McDonald, New York: Wiley.
- (b) McCullough and Renfro (2000). "Some Numerical Aspects of Nonlinear Estimation," *Journal of Economic and Social Measurement* 26, 63-77.
- (c) McCullough and Vinod (1999). "The Numerical Reliability of Econometric Software," *Journal of Economic Literature* 37, 633-665.
- (d) McCullough and Vinod (2003). "Verifying the Solution from a Nonlinear Solver: A Case Study," *American Economic Review* 93, 873-892.
 - 1. Drukker and Wiggins (2004). "Verifying the Solution from a Nonlinear Solver: A Case Study: Comment," *American Economic Review* 94, 397-399.
 - 2. McCullough and Vinod (2004). "Verifying the Solution from a Nonlinear Solver: A Case Study: Reply," *American Economic Review* 94, 400-403.

2. Generalized method of moments

- (a) Arellano and Bond (1991). "Some Tests of Specification for Panel Data: Monte Carlo Evidence and an Application to Employment Equations," *Review of Economic Studies* 58, 277-298.
- (b) Bao and Dhongde (2009). "Testing Convergence in Income Distribution," *Oxford Bulletin of Economics and Statistics* 71, 295-302.
- (c) Caselli, Esquivel and Lefort (1996). "Reopening the Convergence Debate: A New Look at Cross-Country Growth Empirics," *Journal of Economic Growth* 1, 363-389.
- (d) Duffy, Papageorgiou and Perez-Sebastian (2004). "Capital-Skill Complementarity? Evidence from a Panel of Countries," *Review of Economics and Statistics* 86, 327-344.
- (e) Hansen (1982). "Large Sample Properties of Generalized Method of Moments Estimators," *Econometrica* 50, 1029-1054.
- (f) Mullahy (1997). "Instrumental-Variable Estimation of Count Data Models: Applications to Models of Cigarette Smoking Behavior," *Review of Economics and Statistics* 79, 586-593
- (g) Roodman (2009). "A Note on the Theme of Too Many Instruments," *Oxford Bulletin of Economics and Statistics* 71, 135-158.

- (h) Wooldridge (2001). "Application of Generalized Method of Moments Estimation," *Journal of Economic Perspectives* 15, 87-100.

3. Limited dependent variable models

- (a) Deb and Trivedi (2002). "The Structure of Demand For Health Care: Latent Class versus Two-Part Models," *Journal of Health Economics* 21, 601-625.
- (b) Heckman (1979). "Sample Selection as a Specification Error," *Econometrica* 47, 153-161.
- (c) Klein and Spady (1993). "An Efficient Semi-Parametric Estimator for Binary Response Models," *Econometrica* 61, 387-423.
- (d) Long and Caudill (1991). "The Impact of Participation in Intercollegiate Athletics on Income and Graduation," *Review of Economics and Statistics* 73, 525-531.
1. Henderson, Olbrecht and Polachek (2006). "Do Former College Athletes Earn More at Work? A Nonparametric Assessment," *Journal of Human Resources* 41, 558-577.
- (e) McCall (1996). "Unemployment Insurance Rules, Joblessness and Part-Time Work," *Econometrica* 64, 647-682.

4. Panel Data

- (a) Baltagi and Pinnoi (1995). "Public Capital Stocks and State Productivity Growth: Further Evidence from an Error Components Model," *Empirical Economics* 20, 351-359.
1. Henderson and Kumbhakar (2006). "Public and Private Capital Productivity Puzzle: A Nonparametric Approach," *Southern Economic Journal* 73, 219-232.
 2. Holtz-Eakin (1994). "Public-Sector Capital and the Productivity Puzzle," *Review of Economics and Statistics* 76, 12-21.
- (b) Hausman and Taylor (1981). "Panel Data and Unobservable Individual Effects," *Econometrica* 49, 1377-1398.
- (c) Henderson, Carroll and Li (2008). "Nonparametric Estimation and Testing of Fixed Effects Panel Data Models," *Journal of Econometrics* 144, 257-275.
- (d) Schmidt and Sickles (1984). "Production Frontiers and Panel Data," *Journal of Business and Economic Statistics* 2, 367-374.
- (e) Ziliak (1997). "Efficient Estimation with Panel Data when Instruments are Predetermined: An Empirical Comparison of Moment-Condition Estimators," *Journal of Business and Economic Statistics* 15, 419-431.