
APPENDIX - III

Bibliography

BIBLIOGRAPHY

- [1] Arrow et al. (1961), 'Capital-Labour Substitution and Economic Efficiency', *Review of Economics and Statistics*, 63.
- [2] Atkinson and Haleorson (1984), 'Parametric Efficiency Tests, Economics of Scale and Input Demand in U.S. Power Generation', *International Economic Review*, 647-662.
- [3] Banker, R.D., Charnes, A., Cooper, W.W. (1984). Some Models for Estimating technical and scale inefficiencies in Data Envelopment Analysis. *Management Science* 30(9), 1078-1092.
- [4] Banker, R.D., Morey, R.C. (1986). The Use of Categorical Variables in Data Envelopment Analysis. *Management Science* 32 (12), 1613-1627.
- [5] Banker, R.D., Morey, R.C. (1986). Efficiency analysis for exogenously fixed inputs and outputs. *Operations Research* 34 (4), 513-521.
- [6] Berg, S.A., Forsund, F.R., Jansen, E.S. (1991). Technical efficiency of Norwegian Banks: The non-parametric approach to efficiency measurement. *Journal of Productivity Analysis* 2(2), 127-142.
- [7] Berg, S., Forsund, F.R. and Jansen, E.S. (1992) Malmquist indices of productivity growth during the deregulation of Norwegian Banking 1980-89. *Scandinavian Journal of Econometrics*, 94 (Supplement), S211-228.
- [8] Berg, S.A., Forsund, F.R., Hjalmarsson. L., Suominen, M. (1993). Banking efficiency in the Nordic Countries. *Journal of Banking and Finance* 17(2-3), 371-388.
- [9] Benston, G.J., (1965). Branch Banking and Economies of Scale. *Journal of Finance* 20: 3 12-331.
- [10] Bhattacharyya, A., Lovell, C.A.K. and Sahay, P. (1997). The Impact of Liberalization on the Productive Efficiency of Indian Commercial Banks. *European Journal of Operational Research*, 98(2), 332-347.
- [11] Brockett, P.L., Charnes, A., Cooper, W.W., Huang, Z.M., Sun, D.B. (1997). Data transformations in DEA cone ratio envelopment approaches for monitoring bank performances. *European Journal of Operational Research* 98 (2): 250 —268.

- [12] Camanho, A.S., Portela, M.C., and Vag, C.B. (2009). Efficiency analysis accounting for internal and external non-discretionary factors, *Computers and Operations Research* 36 (4): 1591 — 1601.
- [13] Casu, B., Giradone, C, (2002). A comparative study of the cost efficiency of Italian bank conglomerates, *Manage Fin* 28: 3-23.
- [14] Chaffai, M.E. (1997). Estimating input-specific technical inefficiency: The case of the Tunisian banking industry. *European Journal of Operational Research* 98(2), 314-331.
- [15] Chambers, R.G., Chung, Y and Fare, R. (1998). Profit, Directional Distance Functions and Nerlovian Efficiency. *Journal of optimization Theory and Applications* 95 (2), 351-364.
- [16] Chatterjee, G. (2006). Is inefficiency of Banks in India a cause for concern? Evidence from the Post-Reforms Era. *Journal of Emerging Market Finance* 5(2), 151-182.
- [17] Charnes. A., Cooper, W.W., Rhodes, E. (1978). Measuring the efficiency of decision making units. *European Journal of Operational Research* 2(6): 429-444.
- [18] Cobb, C.W., Douglas, P.H. (1928), 'A Theory of Production', *American Economic Review*, 10.
- [19] Das, A. and Ghosh, S. (2006). Size, Non-Performing Loans, Capital and Productivity Change: Evidence from Indian State — owned Banks. Online at <http://mpa.ub.uni-muenchen.de/17396/>. MPRA Paper No. 17396.
- [20] DeYoung, R. (1997). A diagnostic test for the distribution-free efficiency estimator: An example using U.S. Commercial Bank Data. *European Journal of Operational Research* 98 (2), 243-249.
- [21] English, M., Grosskopf, S., Hayes, K., and Yaisawarng, S. (1993). Output allocative and technical efficiency of banks. *Journal of Banking and Finance* 17(2-3), 349-366.
- [22] Farrel, M.J., (1957). The Measurement of Productive Efficiency. *Journal of Royal Statistical Society* 120 (Part-III), 253-290.

- [23] Fare, R., Grosskopf, S., Lovell, C.A.K. and Pasurka, C., (1989). **Multilateral Productivity Comparisons when some outputs are undesirable: a non-parametric approach.** *Rev. Econ. Stat.*, 71, 90-98.
- [24] Fare, R., Grosskopf, S. and Tyteca, D: (1996). **An Activity analysis model of the environmental performance of firms — application to fossil-fuel-fired electric utilities.** *Ecological Economics* 18, 161-175.
- [25] Fare R., Grosskopf, S (2004). **Modeling undesirable factors in efficiency evaluation: Comment.** *European Journal of Operational Research* 157, 242-245.
- [26] Farrel, M.J. (1957), **'The measurement of productive efficiency'**, *Journal of Royal Statistical society*, 120 (part-III), 253-290.
- [27] Galagedera DUA., and Edirisuriya, P. (2005). **Performance of Indian Commercial Banks (1995-2002).** *South Asian J Manage* 12: 52-74.
- [28] Golany, B., Roll, Y. (1993). **Some Extensions of Techniques to Handle Non-Discretionary factors in Data Envelopment Analysis.** *Journal of Productivity Analysis* 4: 419-432.
- [29] McCarty, T., and Yaisawarng, S. (1993). **'Technical Efficiency in New Jersey School Districts'**. In H.O. Fried, C.A.K.Lovell and S.S. Schmidt (eds), *The Measurement of Productivity Efficiency: Techniques and Applications.* New York: Oxford University Press.
- [30] Mlima, A.P., Hjalmarsson, L. (2002). **Measurement of Inputs and Outputs in the Banking Industry.** *Tanzanet Journal* 3(1): 12-22.
- [31] Humphrey, D.B. (1985). **Costs and scale economies in bank intermediation.** In: Aspinwall RC, Eisenbeis RA (eds) *Handbook for banking strategy.* Wiley, New York, pp 745-783.
- [32] Humphrey, D.B. (1993). **Cost and technical change: Effects from bank deregulation.** *Journal of Productivity Analysis* 4(1-2), 9-34.
- [33] Hughes, J.P. and Mester, L.J. (1993) **A quality and risk- adjusted cost function for banks: evidence on the 'too-big to fail' doctrine.** *The Journal of Productivity Analysis.* 4(3), 293-315.

- [34] Jaifry, S., Ghulam, Y., Pascoe, S. and Cox, J. (2007). Regulatory Changes and productivity of the banking sector in the Indian sub-continent. *Journal of Asian Economics* 18, 415-438.
- [35] Jorgenson, D.W. and Grilliches, Z: (1971), 'Divisia Index Numbers and Productivity Measurement', *Review of Income and Wealth*, 2, 227-29.
- [36] Joshi, V.C., and Joshi, V.V, (2002). *Managing Indian Banks — The Challenges Ahead* (Second Edition), Response Books, A division of Sage Publications, New Delhi/Thousand Oaks/London.
- [37] Joshi, V., and Little, I.M.D. (1997). India — Reform on Hold. *Asian Development Review* 15 (2): 142-147.
- [38] Kumar, S., and Gulati, R. (2009). Did efficiency of Indian public sector banks converge with banking reforms? *International Review of Economics* 56: 47-84.
- [39] Kumbhakar, S., Hjalmarsson, L., Heshmati, A. (1998). How fast do banks adjust? A dynamic model of labor-use with an application to Swedish banks, paper presented in 8th — International conference on panel data, June, Gothenburg Sweden.
- [40] Kumbhakar, S.C., and Sarkar, S. (2003). Deregulation, Ownership, and Productivity growth in the Banking Industry: Evidence from India. *Journal of Money, Credit, and Banking*, 35, 403-424.
- [41] Mester, L. J. (1994). Efficiency of Banks in the third Federal Reserve District. The Wharton Financial Institutions Centre Working Paper Series. Working Paper 94 (13), 1-30.
- [42] Mester, L. J. (1997). Measuring efficiency at U.S. Banks: Accounting for heterogeneity is important. *European Journal of Operational Research* 98 (2), 230-242.
- [43] Mukherjee, K., Ray, S.C., and Miller, S.M. (2000). Productivity growth in large US commercial banks: the initial post-deregulation experience. *J Bank Fin* 25: 913-939.

- [44] Nerlove, M. (1965), 'Estimation and Identification of Cobb-Douglas Production functions', Princeton, Princeton University Press.
- [45] Parsons, D., Gotlieb, C.C., Denny, M. (1993). Productivity and Computers in Canadian Banking. *Journal of Productivity Analysis* 4(1-2), 95-113.
- [46] Pastor, J.T. (1995). How to Account for Environmental Effects in DEA: An Application to Bank Branches. Working Paper, Departamento de Estadística e Investigación Operativa. 03071 Alicante, Spain: Universidad de Alicante.
- [47] Pastor, J.M. (1999). Efficiency and Risk Management in Spanish Banking: A Method to Decompose Risk. *Applied Financial Economics*. 9(4), 371-384.
- [48] Peterson, N.C. (1990). Data Envelopment Analysis on a Relaxed Set of Assumptions. *Management Science* 36 (3), 305-314.
- [49] Piyu, Y. (1992). Data Envelopment Analysis and Commercial Bank performance: A primer with applications to Missouri Banks. *Federal Reserve Bank of St. Louis Economic Review* 74(1), 31-45.
- [50] Ram Mohan, T.T., Ray, S.C. (2004). Comparing performance of public and private sector banks: a revenue maximization efficiency approach. *Wcon Pout Weekly* 39: 1271-1275,
- [51] Reddy, Y.V. (2007). India perspective for growth with stability. *Econ J Orient Bank Commer* 3: 1-13.
- [52] Roland, C. (2006). Banking sector liberalization in India. Working Paper, Indian institute of capital markets 91 capital markets conference paper.
- [53] Ruggiero J. (1996). On the measurement of technical efficiency in the public sector. *European Journal of Operational Research* 90(3):553-65.
- [54] Ruggiero J. (1998). Non-discretionary inputs in data envelopment analysis. *European Journal of Operational Research* 111(3): 461-469.
- [55] Ruggiero J. (2004). Performance evaluation when non-discretionary factors correlate with technical efficiency. *European Journal of Operational Research* 159(1):250-7.

- [56] Sathye, M. (2003). Efficiency of banks in a developing economy: the case of India. *European Journal of Operational Research* 148(3): 662-671.
- [57] Sealey, Jr. C.W., and Lindley, J.T, (1977). Inputs, outputs and a theory of production and cost at depository financial institutions. *Journal of Finance* 4: 1251-1266.
- [58] Sensarma, R. (2005). Cost and profit efficiency of Indian banks during 1986-2003: a stochastic frontier analysis. *Econ Polit Weekly* 40: 11984208.
- [59] Shanmugam, K.R. and Das, A. (2004). Efficiency of Indian Commercial Banks during the reform period. *Applied Financial Economics* 14, 68 1-686.
- [60] Sheppard, R.W. (1970). *The Theory of Cost and Production Function*. Princeton University Press, Princeton, NJ.
- [61] Subramanyam, T., and C.S.Reddy (2008). Measuring the Risk Efficiency in Indian Commercial Banking — DEA Approach. *East-West Journal of Economics and Business*, Vol XI (1 & 2), 76-105.
- [62] Tulkens, H. (1993). On FDH efficiency Analysis: Some methodological issues and applications to retail banking, courts, and urban transit. *Journal of Productivity Analysis* 4(1-2), 183-210.
- [63] Tyteca, D. (1996). On the Measurement of the Environmental Performance in Firms - A Literature Review and a Productive Efficiency Perspective. *Journal of Environmental Management* 46, 28 1-308.
- [64] Tyteca, D. (1997). Linear Programming Models for the Measurement of Environmental Performance of Firms — Concepts and Empirical Results. *Journal of Productivity Analysis* 8, 183-197.
- [65] Wachtel, Paul. (2001). Growth and Finance: What do we know and how do we know it? *International Finance* 4(3): 335-362.
- [66] Zaim, O. (2004). Measuring Environmental Performance of State Manufacturing through changes in pollution intensities: A DEA framework. *Ecological Economics* 48, 37-47.

- [67] Zhou, P., Ang, B.W. and Poh, K.L. (2008). Measuring Environmental Performance under different environmental DEA technologies. *Energy Economics* 30 (1), 1-14.
- [68] Zoflo, J.L. and Prieto, A.M. (2001). Environmental Efficiency and regulatory standards: the case of CO2 emissions from OECD industries. *Resource and Energy Economics* 23, 63-83.