

A TRANSLOG ANALYSIS OF INSURANCE ECONOMIES IN NIGERIA

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Abstract: Recapitalization process that has recently become an imperative process in the Nigerian Financial industry has implications for the survival of insurance sector, especially on their service delivery efficiency. This study therefore seeks to investigate the problem of inefficiency in the Nigerian Insurance market from the perspective of their cost structures. The study takes advantage of secondary data of financial reports of thirty randomly selected insurance firms which span over a period of ten years and applied transcendental logarithm model to evaluate their performance from the cost structures strategy. The results indicate that only large scale firms enjoy cost saving advantages. Twenty percent firms sampled belong to this category. The result suggests that premium income would contribute to insurance firm's performance, only when a sound investment decisions are made.

Keywords: Transcendental Logarithm, Cost Structures, Insurance firms and Efficiency

Bibliography:

1. Afolabi, and Osota (2001): "Production characteristics in the Nigerian Banking Industry". AERC Final Report.
2. Barnum, H. and Kutzin, J (1993): "Public Hospital in Developing Countries"; Resources Use, Cost, Financing. John Hopkins University Press, Baltimore, Maryland.
3. Baumol, W J; Fischer, D and Nadriri, M.I (1978): "Forms of Empirical Cost Functions to Evaluate Industry structure", paper NO.30, center for the study of Business Regulations, Graduate school of Business Administration, Duke University.
4. Baumol, W.J., John C.P. and Robert D.W. (1982) "Contestable Markets and the Theory of Industry Structure" (New York: Harcourt Brace, Johanoviah, Inc.)
5. Bays,C.W (1980): "Specification Error in the Estimation of Hospital Cost function". Review of Economics and Statistics, 302-305.
6. Bazzoli, G.S. Shortfell, and T.D. Aunno (2000): "The Financial Performance of Hospitals belonging of Health Networks and Systems" Inquiry, 37, 234-252.
7. Becker, E.R and Sloan, F.A. (1985): "Hospital Ownership and Performance", Economic Inquiry, 23, 21-36
8. Bitzan J (2000): "Railway Cost Conditions- Implication for Policy"; Upper Great Plains Transportation Institute, North Dakota State University
9. Caves, W.C, Christensen, L.R, Tretheway, M.W (1984): Economies of Density versus Economies of Scale: why trunk and local service Airline costs Differ, Rand Journal of Economics, 15, 471-489.

10. Christensen, L. R, Jorgenson D.W and Lau L. J (1975): "Transcendental Logarithmic Utility Functions". American Economic Review 65, 367-383.
11. Chukwulozie (2007); "Recapitalization in the Insurance Industry" .The Guardian Newspaper Vol 24 No. 10497.
12. Central Bank of Nigeria (CBN) Bullion (1997): "Budget of Economic Growth and Development".
13. Conrad, D.C. and Shortfell S.M (1996):"Integrated Health Systems".Promise and Performance Frontiers in Health Services Management 13, pp 3-40
14. Ermann, D. and Gabel J. (1985): "The challenging Face of American Health Care: Multihospital System, Emergency Centres, and Surgery Centre", Medical Care 23, 401-402.
15. Evans M.J (1999): " Hospital Cost Functions and Quality"; Thesis Submitted to the Faculty of the Virginia Polytechnic Institute and State University.
16. Fillippini, M. and Luchsinger C. (2005): "Economics of Scale in the Swiss Hydropower sector".Center for Energy Policy and Economics, Swiss Federal Institute of Technology, Zurich, CEPE Working Paper No 44, Switzerland.
17. Greene ,W (2003): "Econometric Analysis". New Jersey. Prentice Hall.Fifth Edition. New York University, Upper Saddle River, NEW Jersey 07458.
18. Harchaous T, M. (2005): "Structures, Conduct and Economic performance of the Insurance sectors Financial Intermediatum activities". Statistics, Canada.
19. Kwan S.H (2001) : "The X- Efficiency of Commercial Banks in Hong Kong"; Federal Reserve Bank of San Francisco, Hong Kong Institute of Monetary Research.
20. Leigh D (2001): "Efficiency in UK Building Society Branch Networks". A comparative Analysis Using parametric and non-parametric Distance functions; Centre for International Finance and Economics Research Loughborough U.K
21. NAICOM (2006) : "Guidelines for the insurance sector reform and consolidation, "Published by National insurance commission, September 30,2005. Wuse zone 5, PMB 457, Garki, Abuja.
22. Rosko D; Proenea J. and zinn J. (2002): "Does membership in different types of health care systems affect Hospital cost efficiency"?
23. Soyode, A. (1983): "Constraints on Economic Development in Nigera". In Development of Economics and Planning, Essays in honour of Ojetunji Aboyade (eds). 17 Osayinwese Unibadan press.
24. Usman, O.A(2007) "Impact of Cost Structures on the performance of selected insurance companies in Nigeria"; Being a PhD Preliminary report submitted to the Department of Management Science, LAUTECH, Ogbomoso.
25. Wuyts, C. and Cayseele V. P. (2004): "Cost efficiency in the European Securities Settlement and Safekeeping industry" K.U Leuven, Department of Economics, Naansetraat 69, 3000 Leuven Belgium.