

Stock Market Development and Economic Growth: The Case of Selected African Countries

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PDF

Abstract

Abstract: This paper studies the effect of stock market development on economic growth in 14 African countries in a dynamic panel data modelling setting. Results largely show a positive relationship between stock market development and economic growth. Further analyses, based on the level of economic development and stock market capitalization, are also conducted. The results reveal that the positive influence of stock market development on economic growth is significant for countries classified as upper middle income economies. On the basis of market capitalization groupings, stock market developments play a significant role in growth only for moderately capitalized markets. The general trend in results shows that low income African countries and less developed stock markets need to grow more and develop their markets to elicit economic gains from stock markets.

References

Acemoglu, D. and F. Zilibotti (1997), 'Was Prometheus Unbounded by Chance? Risk Diversification and Growth', *Journal of Political Economy*, Vol. 105, pp. 709–51.

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Arellano, M. and S. Bond (1991), 'Some Tests of Specification for Panel Data: Monte Carlo Evidence and an Application to Employment Equations', *Review of Economic Studies*, Vol. 58, pp. 277-97.

[Web of Science®](#) | [Google Scholar](#)

Arestis, P., P. Demetriades and K. Luintel (2001), 'Financial Development and Economic Growth: The Role of Stock Markets', *Journal of Money, Credit and Banking*, Vol. 33, pp. 16-41.

[Web of Science®](#) | [Google Scholar](#)

Atje, R. and B. Jovanic (1993), 'Stock Markets and Development', *European Economic Review*, Vol. 37, Nos. 2-3, pp. 16-41.

[Google Scholar](#)

Bagehot, W. (1962), *Lombard Street*, Richard D. Irwin, Homewood, IL.

[Google Scholar](#)

Beck, T., A. Demirgüç-Kunt and R. Levine (1999), 'A New Database on Financial Development and Structure' Working Paper 2146, World Bank.

[Google Scholar](#)

Bekaert, G., C. R. Harvey and C. Lundblad (2001), 'Emerging Equity Markets and Economic Development', *Journal of Economic Development*, Vol. 66, pp. 465-504.

[Web of Science®](#) | [Google Scholar](#)

Bekaert, G., C. R. Harvey and C. Lundblad (2004), 'Does Financial Liberalization Spur Growth?' *Journal of Financial Economics*, Vol. 77, No. 1, pp. 3-55.

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Bhide, A. (1993), 'The Hidden Costs of Stock Market Liquidity', *Journal of Financial Economics*, Vol. 34, pp. 31-51.

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Boyd, J., H. R. Levine and B. D. Smith (2001), 'The Impact of Inflation on Financial Sector Performance', *Journal of Monetary Economics*, Vol. 47, pp. 221-48.

[Web of Science®](#) | [Google Scholar](#)

Bundoo, S. K. (2000), 'The Mauritius Stock Exchange: An Assessment', *Social Sciences & Humanities and Law & Management Research Journal*, Vol. 3, University of Mauritius .

[Google Scholar](#)

Cameron, R., O. Crisp., H. T. Patrick and R. Tilly (1967), *Banking in the Early Stages of Industrialization: A Study in Comparative Economic History*, Oxford University Press, New York .

[Google Scholar](#)

Databank (2004), ' *African Stock Markets Consolidate Gains*', Databank Research Accra, Ghana .

[Google Scholar](#)

Devereux, M. B. and G. W. Smith (1994), 'International Risk Sharing and Economic Growth', *International Economic Review*, Vol. 35, No. 4, pp. 535-50.

[Web of Science®](#) | [Google Scholar](#)

Diamond, D. W. and R. E. Verrecchia (1982), 'Optimal Managerial Contracts and Equilibrium Security Prices', *Journal of Finance*, Vol. 37 (May), pp. 275-87.

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Harris, R. D. F. (1997), 'Stock Markets and Development: A Reassessment', *European Economic Review*, Vol. 41, No. 1, pp. 139–46.

[Web of Science®](#)  | [Google Scholar](#) 

Hicks, J. A. (1969), *A Theory of Economic History*, Clarendon Press, Oxford .

[Google Scholar](#) 

International Monetary Fund (2003), *International Financial Statistics*, CD-ROM Version.

[Google Scholar](#) 

Jefferis, K. R. and C. C. Okeahalam (2000): 'The Impact of Economic Fundamentals on Stock Markets in Africa', *Development Southern Africa*, Vol. 17, No. 1, pp. 23–51.

[Google Scholar](#) 

Jensen, M. C. and K. J. Murphy (1990), 'Performance Pay and Top-Management Incentives', *Journal of Political Economy*, Vol. 98 (April), pp. 225–64.

[Web of Science®](#)  | [Google Scholar](#) 

Kenny, C. and T. D. Moss (2001), ' Stock Markets in Africa: Emerging Lions or White Elephants?' in Sam Mensah and D. Seck (eds.), *African Emerging Markets: Contemporary Issues*, Vol. 1, pp. 189–208, African Capital Markets Forum. Reprinted from *World Development*, Vol. 26, No. 5.

[Google Scholar](#) 

Khan, M. S. and A. S. Senhadji (2000), ' Financial Development and Economic Growth: An Overview', IMF Working Paper WP/00/209.

[Google Scholar](#) 

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Levine, R. (1997), 'Financial Development and Economic Growth: Views and Agenda', *Journal of Economic Literature*, Vol. 35, pp. 688–726.

[Web of Science®](#) | [Google Scholar](#)

Levine, R. and S. Zervos (1996), 'Stock Market Development and Long Run Growth', *World Bank Economic Review*, Vol. 10, No. 2, pp. 323–40.

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Levine, R. and S. Zervos (1998), 'Stock Markets Banks and Economic Growth', *American Economic Review*, Vol. 88, No. 537–58.

[CAS](#) | [Web of Science®](#) | [Google Scholar](#)

Lucas, R. E. (1988), 'On the Mechanics of Economic Development', *Journal of Monetary Economics*, Vol. 22, No. 1, pp. 3–42.

[Web of Science®](#) | [Google Scholar](#)

McKinnon, R. (1973), *Money and Capital in Economic Development*, The Brookings Institution , Washington DC .

[Google Scholar](#)

Mlambo, C. and N. Biekpe (2003), 'The Consequences of Online Information Dissemination on Stock Market Liquidity and Efficiency: Implications on African Markets', *African Finance Journal*, Vol. 5, No. 2, pp. 44–62.

[Google Scholar](#)

Mlambo, C., N. Biekpe and E. Van Der Smit (2003), 'Testing the Random Hypothesis on Thinly-Traded Markets: The Case of Four African Stock Markets', *African Finance Journal*, Vol. 5, No. 1, pp. 16–35.

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Obstfeld, M. (1994), 'Risk-taking, Global Diversification and Growth', *American Economic Review*, Vol. 84, No. 5, pp. 1310–29.

[Web of Science®](#) | [Google Scholar](#)

Osei, K. A. (2002), 'Asset Pricing and Informational Efficiency of the Ghana Stock Market', AERC RP 115, African Economic Research Consortium, Nairobi, Kenya.

[Google Scholar](#)

Pardy, R. (1992), 'Institutional Reform in Emerging Securities Markets', Policy Research Working Papers (Financial Policy and Systems), World Bank, Working Paper Series, 907.

[Google Scholar](#)

Perotti, E. and P. Van Oijen (1999), 'Privatization, Political Risk and Stock Market Development in Emerging Economies', CEPR Discussion Paper 2243, London.

[Google Scholar](#)

Rousseau, P. L. and P. Wachtel (2000), 'Equity Markets and Growth: Cross-Country Evidence on Timing and Outcomes 1980–1995', *Journal of Banking and Finance*, Vol. 24, pp. 1933–57.

[Web of Science®](#) | [Google Scholar](#)

Saint-Paul, G. (1992), 'Technological Choice, Financial Markets and Economic Development', *European Economic Review*, Vol. 36, No. 4, pp. 763–81.

[Web of Science®](#) | [Google Scholar](#)

Scharfstein, D. (1988) 'The Disciplinary Role of Takeovers', *Review of Economic Studies*, Vol. 55 (April), pp. 185–99.

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Stiglitz, J. E. (1985), 'Credit Markets and the Control of Capital', *Journal of Money, Credit and Banking*, Vol. 17, No. 2, pp. 133–52.

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Stiglitz, J. E. (1994), 'The Role of the State in Financial Markets', in *Proceedings of the World Bank Annual Conference on Development Economics 1993*, World Bank, Washington DC .

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