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Applied Financial Economics >

Volume 12, 2002 - Issue 8

231380ViewsCrossRef citations to dateAltmetric

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Korean stock prices under price limits: variance ratio tests of random walks

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Pages 545-553 | Published online: 07 Oct 2010

G Cite this article **I** https://doi.org/10.1080/09603100010015789



Abstract

This paper provides tests of the random walk hypothesis for the Korean stock market over the period from March 1988 to December 1998. During this time there are five regimes of daily price limits. We use a sample of 55 actively traded stocks selected to cover a wide range of industries and with a marked number of limit moves and test the random walk hypothesis under each price limit regime. The system of price limits prevents equity prices from following a random walk process and so results in the market being inefficient. As the daily price limits are increased, the proportion of stock prices following a random walk increases. That is, the stock market as a whole approaches a random walk as price limits are relaxed. Related Research Data Efficient Capital Markets: A Review of Theory and Empirical Work Source: The Journal of Finance A theory of price limits in futures markets Source: Journal of Financial Economics THE EFFECT OF PRICE LIMITS ON STOCK PRICE VOLATILITY: EMPIRICAL EVIDENCE IN **KOREA** Source: Journal of Business Finance & Accounting The Econometrics of Financial Markets Source: Unknown Repository Toward a Fully Automated Stock Exchange, Part II Source: Financial Analysts Journal Simultaneous Statistical Inference Source: Unknown Repository Volatility, Price Resolution, and the Effectiveness of Price Limits Source: Unknown Repository

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