

Finance and Economics Discussion Series: Regulatory Competition and the Efficiency of Alternative Derivative Product Margining Systems

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Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Although margin requirements would arise naturally in the context of unregulated trading of clearinghouse-guaranteed derivative contracts, the margin requirements on U.S. exchange-traded derivative products are subject to government regulatory oversight. At present, two alternative methodologies are used for margining exchangetraded derivative contracts. Customer positions in securities and securities options are margined using a strategy-based approach. Futures, futures-options, and securities-option clearinghouse margins are set using a portfolio margining system. This study evaluates the relative efficiency of these alternative margining techniques using data on SP500 futuresoption contracts traded on the Chicago Mercantile Exchange. The results indicate that the portfolio margining approach is a much more efficient system for collateralizing the one-day risk exposures of equity derivative portfolios. Given the overwhelming efficiency advantage of the portfolio approach, the simultaneous existence of these alternative margining methods is somewhat puzzling. It is argued that the coexistence of these systems can in part be explained in the context of Kanes (1984) model of regulatory competition. The efficiency comparison also provides insight into other industry

Reviews

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