### Toward a National Market System for U.S. Exchange-listed Equity Options

Robert Battalio, Brian Hatch, Robert Jennings

First published: 25 March 2004 https://doi.org/10.1111/j.1540-6261.2004.00653.x Citations: 96

## ABSTRACT

In its response to the 1975 Congressional mandate to implement a national market system for financial securities, the Securities and Exchange Commission (SEC) initially exempted the option market. Recent dramatic changes in the structure of the option market prompted the SEC to revisit this issue. We examine a sample of actively traded, multiply listed equity options to ask whether this market's characteristics appear consistent with the goals of producing economically efficient transactions and facilitating "best execution." We find marked changes between June 2000, when quotes are often ignored, and January 2002, when the market more closely resembles a national market.

### REFERENCES

De Fontnouvelle, Patrick, Raymond Fishe, and Jeffrey Harris, 2002, The behavior of bid-ask spreads and volume in options markets during the listings competition in 1999, Working paper, University of Delaware.

 $\mathbf{\mathbf{x}}$ 

**Google Scholar** 

Easley, David, and Maureen O'Hara, 1987, Price, trade size and information in security markets, *Journal of Financial Economics* **19**, 69–90.

Web of Science® Google Scholar

Hansch, Oliver, and Frank Hatheway, 2001, Measuring execution quality in the listed option market, Working paper, Pennsylvania State University.

**Google Scholar** 

Harris, Lawrence, 1994, Minimum price variations, discrete bid-ask spreads, and quotation sizes, *Review of Financial Studies* **7**, 148–179.

Web of Science® Google Scholar

Macey, Jonathan, and Maureen O'Hara, 1997, The law and economics of best execution, *Journal of Financial Intermediation* **6**, 188–223.

Web of Science® Google Scholar

Mayhew, Stewart, 2002, Competition, market structure, and bid-ask spreads in stock option markets, *Journal of Finance* **57**, 931–958.

Web of Science® Google Scholar

Neal, Robert, 1992, A comparison of transaction costs between competitive market maker and specialist market structures, *Journal of Business* **65**, 317–334.

Web of Science® Google Scholar

Peterson, Mark, and Erik Sirri, 2002, Evaluation of the biases in execution cost estimation using trade and quote data, *Journal of Financial Markets* 6, 259–280.

Web of Science® Google Scholar

Restated ITS Plan, 1997.

**Google Scholar** 

Securities and Exchange Commission, Release No. 34–16701, 1980.

### **Google Scholar**

Securities and Exchange Commission, Release No. 34–42029, Order directing options exchanges to submit an intermarket linkage plan pursuant to Section 11A(a) (3) (B) of the Securities Exchange Act of 1934, 1999.

### **Google Scholar**

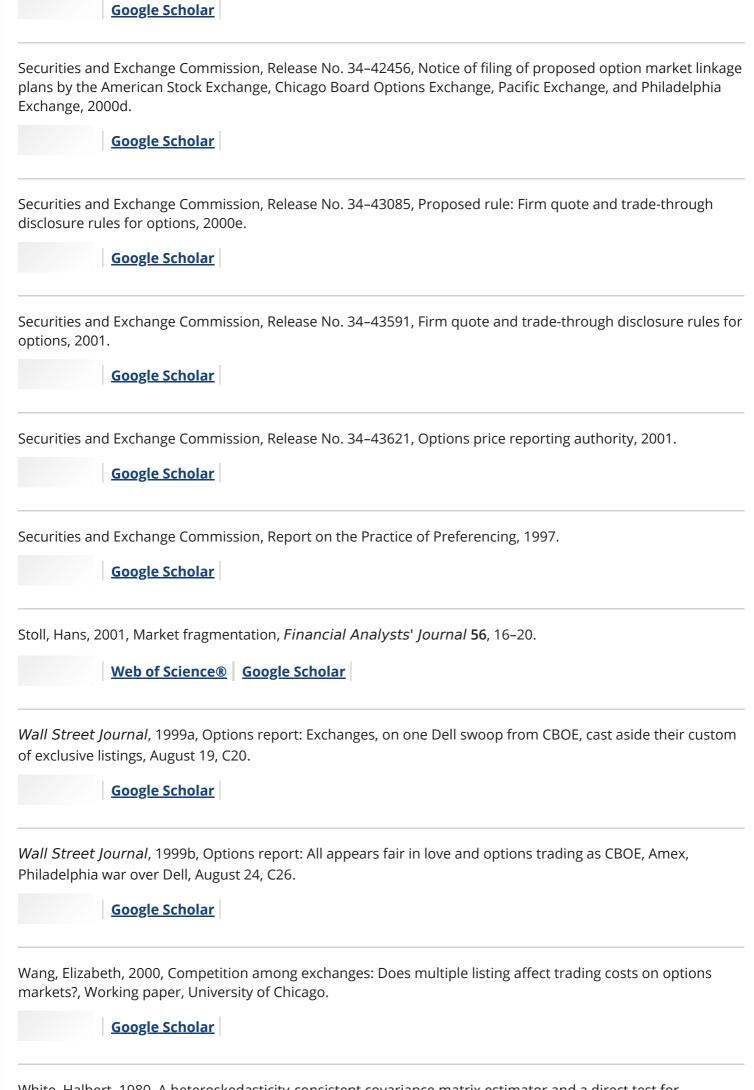
Securities and Exchange Commission, Special Study: Payment for Order Flow and Internalization in the Options Markets,"2000a.

### **Google Scholar**

Securities and Exchange Commission, Release No. 34–43086, Order approving option market intermarket linkage plan submitted by the American Stock Exchange LLC, the Chicago Board Options Exchange, Inc., and the International Stock Exchange, LLC, 2000b.

### Google Scholar

Securities and Exchange Commission, Release No. 34–43591, Firm quote and trade-through disclosure rules for options, 2000c.



White, Halbert, 1980, A heteroskedasticity-consistent covariance matrix estimator and a direct test for heteroskedasticity, *Econometrica* **48**, 817–838.

### **Citing Literature**

Download PDF

 $\checkmark$ 

#### ABOUT WILEY ONLINE LIBRARY

Privacy Policy Terms of Use About Cookies Manage Cookies Accessibility Wiley Research DE&I Statement and Publishing Policies Developing World Access

#### **HELP & SUPPORT**

Contact Us Training and Support DMCA & Reporting Piracy

### **OPPORTUNITIES**

Subscription Agents Advertisers & Corporate Partners

### CONNECT WITH WILEY

The Wiley Network Wiley Press Room

Copyright © 1999-2025 John Wiley & Sons, Inc or related companies. All rights reserved, including rights for text and data mining and training of artificial intelligence technologies or similar technologies.

# WILEY