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The Impact of Market Maker Competition on Nasdaq Spreads

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Abstract

This study utilizes a comprehensive database containing monthly information on the number of market makers for about 5,288 Nasdaq securities over an eight-year period to investigate the impact of competition on spreads. A variety of models are estimated in order to demonstrate the robustness of the results that include four specific findings: (1) the number of market makers has a negative and highly significant impact on spreads; (2) the relation is nonlinear with a decreasing impact by the marginal market maker; (3) Nasdaq spreads have been declining over time; and (4) structural changes in Nasdaq are associated with significant changes in the relationship between spread and the number of market makers. One improvement over the literature includes allowing endogenous competition through the use of instrumental variables.

References

Baumol, W.J., J.C. Panzer, and R.D. Willig, 1982. *Contestable Markets and the Theory of Industry Structure*

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Bessembinder, H. and H.M. Kaufman, 1997. A comparison of trade execution costs for NYSE and NASDAQ-listed stocks, *Journal of Financial and Quantitative Analysis* **32**, 287–310.

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Christie, W.G. and P.H. Schultz, 1994. Why do NASDAQ market makers avoid odd-eighth quotes *Journal of Finance* **49**, 1813–1840.

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Christie, W.G., J.H. Harris, and P.H. Schultz, 1994. Why did NASDAQ market makers stop avoiding odd-eighth quotes *Journal of Finance* **49**, 1841–1860.

Web of Science® | Google Scholar

Doran, L.L., 1998. Nasdaq trading of NYSE-listed securities: Do NYSE bid-ask spreads encourage Nasdaq dealers to free-ride on NYSE quotes. *Working Paper*, Georgetown University.

Google Scholar

Dubofsky, D.A. and J.C. Groth, 1984. Exchange listing and stock liquidity, *Journal of Financial Research* **7**, 291–302.

Web of Science® | Google Scholar

Fortin, R.D., R. Grube, and O.M. Joy, 1989. Seasonality in NASDAQ dealer spreads, *Journal of Financial and Quantitative Analysis* **24**, 395–407.

Web of Science® | Google Scholar

George, T.J., G. Kaul, and M. Nimalendran, 1991. Estimation of the bid-ask spread and its components: A New Approach, *Review of Financial Studies* **4**, 623–656.

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Hansch, O., N. Naik, and S. Viswanathan, 1997. Preferencing, internalization, best execution, and dealer profits. *Working Paper*, Duke University.

Google Scholar

Harris, L., 1994. Minimum price variations, discrete bid-ask spreads, and quotation sizes, *Review of Financial Studies* **7**, 149–178.

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McInish, T.H. and R.A. Wood, 1992. Competition, dispersion of trading and market performance. *Working Paper*, University of Memphis.

Google Scholar

McInish, T.H. and R.A. Wood, 1995. Hidden limit orders on the NYSE, *Journal of Portfolio Management* **21**, 19–26.

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Schwert, G.W., 1997. Symposium on market microstructure: Focus on Nasdaq, *Journal of Financial Economics* **45**, 3–8.

Web of Science® Google Scholar

Spence, M., 1983. Contestable markets and the theory of industry structure: A review article, *Journal of Economic Literature* **21**, 981–990.

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Stoll, H.R., 1978. The pricing of security dealer services: An empirical study of Nasdaq stocks, *The Journal of Finance* **33**, 1153–1172.

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Tinic, S.M. and R. West, 1972. Competition and the pricing of dealer service in the over-the-counter stock market, *Journal of Financial and Quantitative Analysis* **7**, 1707–1727.

Web of Science® | Google Scholar

Wahal, S., 1997. Entry, exit, market makers and the bid-ask spread, *The Review of Financial Studies* **10**, 871–901.

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