Liquidity, the Value of the Firm, and Corporate Finance

Yakov Amihud, Haim Mendelson

First published: 16 July 2008

https://doi.org/10.1111/j.1745-6622.2008.00179.x

Citations: 55

X Yakov Amihud, New York University, 44 W 4th St., New York, NY 10012-1126

Abstract

The theory of corporate finance has been based on the idea that a company's market value is determined mainly by just two variables: the company's expected after-tax operating cash flows or earnings, and the risk associated with producing them. The authors argue that there is another important factor affecting a company's value: the liquidity of its own securities, debt as well as equity. The paper supports this argument by reviewing the large and growing body of evidence showing that differences—and changes—in liquidity can have major effects on the pricing of corporate stocks and bonds or, equivalently, on investors' required returns for holding them.

The authors also suggest that the liquidity of a company's securities can be managed by corporate policies and actions. For those companies whose value is likely to be increased by having more liquid securities—which is by no means true of all companies (mature firms that don't need outside capital may well benefit from having more concentrated ownership and hence less liquidity)— management should consider actions such as reducing leverage and substituting dividends for stock repurchases as well as measures designed to increase the effectiveness of their disclosure and investor relations program and the size of their investor base.

References

Viral V. Acharya, and Lasse H. Pedersen, 2005, Asset pricing with liquidity risk, *Journal of Financial Economics* **77**, 375–410.

Web of Science® Google Scholar

Yakov Amihud, 2002, Illiquidity and stock returns: Cross-section and time series effects, *Journal of Financial Markets* **5**, 31–56.

Web of Science® Google Scholar

Yakov Amihud, Beni Lauterbach and Haim Mendelson, 2003, The value of trading consolidation: Evidence from the exercise of warrants, *Journal of Financial and Quantitative Analysis* **38**, 829–846.

Yakov Amihud and Kefei Li, 2006, The declining information content of dividend announcements and the effects of institutional holdings. *Journal of Financial and Quantitative analysis* **41**, 637–660.

Web of Science® Google Scholar

Yakov Amihud and Haim Mendelson, 1986, Asset pricing and the bid-ask spread, *Journal of Financial Economics* **17**, 223–249.

Google Scholar

Yakov Amihud and Haim Mendelson, 1988, Liquidity and asset prices: financial management implications, *Financial Management* **17**(Spring), 5–15.

Web of Science® Google Scholar

Yakov Amihud and Haim Mendelson, 1991a, Liquidity, maturity and the yields on U.S. government securities, *Journal of Finance* **46**, 1411–1426.

Web of Science® Google Scholar

Yakov Amihud and Haim Mendelson, 1991b, Liquidity, asset prices and financial policy, *Financial Analysts Journal* **47**, 56–66.

Google Scholar

Yakov Amihud, Haim Mendelson and Beni Lauterbach, 1997, Market microstructure and securities values: evidence from the Tel Aviv Exchange, *Journal of Financial Economics* **45**, 365–390.

Web of Science® Google Scholar

Yakov Amihud, Haim Mendelson and Jun Uno, 1999, Number of shareholders and stock prices: Evidence from Japan, *Journal of Finance* **54**, 1169–1184.

Web of Science® Google Scholar

Yakov Amihud, Haim Mendelson and Robert Wood, 1990, Liquidity and the 1987 stock market crash, *Journal of Portfolio Management* **16**, 65–69.

Web of Science® Google Scholar

Malcolm Baker and Jeremy Stein, 2004, Market liquidity as a sentiment indicator, *Journal of Financial Markets* **7**, 271–299.

Suman Banerjee, Vladimir A. Gatchev and Paul A. Spindt, 2007, Stock market liquidity and frm Dividend Policy, *Journal of Financial and Quantitative Analysis* **42**, 369–398.

Web of Science® Google Scholar

Michael J. Barclay and Clifford W. Smith, 1988, Corporate payout policy: Cash dividends versus open-market repurchases. *Journal of Financial Economics* **22**, 61–82.

Web of Science® Google Scholar

Mary E. Barth, Yaniv Konchitchki, and Wayne R. Landsman, 2007, *Cost of capital and fnancial statement transparency.* Working paper, Stanford University.

Google Scholar

Eli Bartov and Gordon M. Bodnar, 1996, Alternative accounting methods, information asymmetry and liquidity: Theory and evidence, *The Accounting Review* **71**, 397–418.

Google Scholar

Sreedhar Bharath, Paolo Pasquareillo and Guojun Wu, 2008, Does asymmetric information drive capital structure decisions. *Review of Financial Studies, forthcoming*.

Google Scholar

Nicolas P. Bollen and Robert E. Whaley, 2004, Does net buying pressure affect the shape of implied volatility functions?, *Journal of Finance* **59**, 711–753.

Web of Science® Google Scholar

Botosan, Christine, 1997, Disclosure levels and the cost of equity capital, *The Accounting Review* 72, 323–349.

Web of Science® Google Scholar

Jacob Boudoukh, Roni Michaely, Matthew Richardson and Michael C. Roberts, 2007, On the importance of measuring payout yield: Implications for empirical asset pricing. *Journal of Finance* **62**, 877–915.

Web of Science® Google Scholar

Richard A. Brealey and Stewart C. Myers, 2003, Principles of Corporate Finance, McGraw-Hill Irwin, 7th Ed.

Google Scholar

Michael J. Brennan and Avanidhar Subrahmanyam, 1995, Investment analysis and price formation in securities markets, *Journal of Financial Economics* **38**, 361–81.

Michael J. Brennan and Avanidhar Subrahmanyam, 1996, Market microstructure and asset pricing: On the compensation for illiquidity in stock returns, *Journal of Financial Economics* **41**, 441–464.

Web of Science® Google Scholar

Michael J. Brennan, Tarun Chordia and Avanidhar Subrahmanyam, 1998, Alternative factor specifications, security characteristics, and the cross-section of expected stock returns, *Journal of Financial Economics* **49**, 345–373.

Web of Science® Google Scholar

Michael J. Brennan and Patricia J. Hughes, 1991, Stock prices and the supply of information, *Journal of Finance* **46**, 1665–1691.

Web of Science® Google Scholar

Alexander W. Butler, Gustavo Grullon and James P. Weston, 2005, Stock market liquidit y and the cost of issuing equity, *Journal of Financial and Quantitative Analysis* **40**, 331–348.

Web of Science® Google Scholar

Susan Chaplinsky and Latha Ramchand, 2004, The borrowing costs of international issuers: SEC Rule 144A, *The Journal of Business* **77**, 1073–1097.

Google Scholar

Long Chen, David A. Lesmond and Jason Z. Wei, 2007, Corporate yield spreads and bond liquidity, *Journal of Finance* **62**, 119–149.

Web of Science® Google Scholar

Maribeth Coller and Teri L. Yohn, 1997, Management forecasts and information asymmetry: An examination of bid-ask spreads, *Journal of Accounting Research* 181–191.

Google Scholar

Vinay T. Datar, Narayan Y. Naik and Robert Radcliffe, 1998, Liquidity and stock returns: An alternative test, *Journal of Financial Markets* **1**, 205–219.

Google Scholar

Peter DeMarzo and Darrell Duffe, 1999, A liquidity-based model of security design, *Econometrica* 67, 65–99.

Douglas Diamond and Robert Verrecchia, 1991, Disclosure, liquidity and the cost of equity capital. The Journal of Finance, 1325-1360.

Web of Science® Google Scholar

Elyas Elyasiani Shmuel Hauser and Beni Lauterbach, 2000, Market response to liquidity improvements: Evidence from exchange listing, Financial Review 41, 1–14.

Google Scholar

Eugene F. Fama and Kenneth R. French, 2001, Disappearing dividends: changing firm characteristics or lower propensity to pay Journal of Financial Economics 60, 3-43.

Web of Science® Google Scholar

John R. Graham, 2001, How big are the tax benefits of debt *Journal of Finance* 55, 1901–1941.

Web of Science® Google Scholar

Marilyn Magee Greenstein and Heibatolla Sami, 1994, The impact of the SEC's segment disclosure requirement on bid-ask spreads, The Accounting Review 69, 179-199.

Web of Science® Google Scholar

Gustavo Grullon, George K Anatas and James P. Weston, 2004, Advertising, breadth of ownership and liquidity, Review of Financial Studies 17, 439-461.

Web of Science® Google Scholar

Clifford G. Holderness, 2008, The myth of diffuse ownership in the United States. Review of Financial Studies, forthcoming.

Google Scholar

Michael C. Jensen and William H. Meckling, 1976, Theory of the firm: managerial behavior agency cost and ownership structure, Journal of Financial Economics 3, 305–360.

CAS | Web of Science® | Google Scholar

Michael C. Jensen, 1996, Agency costs of free cash flow, corporate finance, and takeovers, in Jagdeeo S. Bhandari and Lawrence A. Weiss (eds.) Corporate Bankruptcy, Cambridge University Press, Ch. 2.

Google Scholar

Gregory B. Kadlec and John J. McConnell, 1994, The effect of market segmentation and illiquidity on asset prices: Evidence from exchange listings, Journal of Finance 49, 611-636.

Avraham Kamara, 1994, Liquidity, taxes, and short-term treasury yields, *Journal of Financial and Quantitative Analysis* **29**, 403–416.

Web of Science® Google Scholar

Arvind Krishnamurthi, 2002, The bond/old-bond spread, Journal of Financial Economics 66, 463–506.

Web of Science® Google Scholar

Tom Lauricella and Liz Rappaport, 2008, Municipal-debt fans: We've been waiting for a market like this, *The Wall Street Journal*, March 3.

Google Scholar

David A. Lesmond, Philip O'Connor and Lemma W. Senbet, 2008, *Capital structure and equity liquidity*, Working Paper, Tulane University.

Web of Science® Google Scholar

Marc L. Lipson and Sandra Mortal, 2007, *Capital structure decisions and equity market liquidity*. Working paper, University of Virginia.

Google Scholar

Claudio Loderer and Lukas Roth, 2005, The pricing discount for limited liquidity: evidence from SWX Swiss Exchange and the Nasdaq, *Journal of Empirical Finance* **12**, 239–268.

Google Scholar

Albert J. Menkveld, 2008, *Designated market makers for small-cap stocks*. Working paper, VU University Amsterdam.

Google Scholar

Franco Modigliani and Merton H. Miller, 1958, The cost of capital, corporation finance and the theory of investment, *American Economic Review* **48**, 261–297.

Google Scholar

Randall Morck, Andrei Shleifer and Robert W. Vishny, 1988, Management ownership and market valuation, *Journal of Financial Economics* **20**, 293–315.

Sandip Mukherji, Yong H. Kim and Michael C. Walker, 1997, The effect of stock splits on the ownership structure of firms. *Journal of Corporate Finance* **3**, 167–188.

Google Scholar

Stewart C Myers and Nicolas S. Majluf, 1984, Corporate financing and investment decisions when firms have information that investors do not have, *Journal of Financial Economics* **13**, 187–221.

Google Scholar

Chris J. Muscarella and Michael R. Vetsuypens, 1996, Stock splits: Signaling or liquidity? The case of ADR 'solosplits', *Journal of Financial Economics* **42**, 3–26.

Web of Science® Google Scholar

Floyd Norris, 1988, Searson's Financial Alchemy. *The New York Times*, December 11.

Google Scholar

Elizabeth R. Odders-White and Mark J. Ready, 2006, Credit ratings and stock liquidity, *Review of Financial Studies* **19**, 119–157.

Web of Science® Google Scholar

Robert Parrino and Michael S. Weisbach, 1999, Measuring investment distortions arising from stockholder-bondholder conflicts, *Journal of Financial Economics* **53**, 3–42.

Web of Science® Google Scholar

Luboš Pástor and Robert F. Stambaugh, 2003, Liquidity risk and expected stock returns, *Journal of Political Economy* **111**, 642–685.

Web of Science® Google Scholar

K. Raman and Niranjan Tripathy, 1993, The effect of supplemental reserve-based accounting data on the market microstructure, *Journal of Accounting and Public Policy* **12**, 113–133.

Web of Science® Google Scholar

Atulya Sarin, Karen Shastri and Kuldeep Shastri, 2000, *Ownership structure and stock market liquidity*. Working paper, Santa Clara University and the University of Pittsburgh.

Google Scholar

William L. Silber 1991, Discounts on restricted stock: The impact of illiquidity on stock prices. *Financial Analysts Journal* **47**, 60–64.

Google Scholar

Arthur Warga, 1992, Bond returns, liquidity, and missing data, *Journal of Financial and Quantitative Analysis* **27**, 605–617.

Web of Science® Google Scholar

Citing Literature



Download PDF

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.



