

Labor Mobility: Implications for Asset Pricing

ANDRÉS DONANGELO

First published: 16 January 2014

<https://doi.org/10.1111/jofi.12141>

Citations: 197

ABSTRACT

Labor mobility is the flexibility of workers to walk away from an industry in response to better opportunities. I develop a model in which labor flows make bad times worse for shareholders who are left with capital that is less productive. The model shows that firms face greater operating leverage by providing flexibility to mobile workers. I construct an empirical measure of labor mobility consistent with the model and document an economically significant cross-sectional relation between mobility, operating leverage, and stock returns. I find that firms in mobile industries earn returns over 5% higher than those in less mobile industries.

Supporting Information

Disclaimer: Supplementary materials have been peer-reviewed but not copyedited.

Filename	Description
jofi12141-sup-0001-AppendixS1.pdf 172.4 KB	Appendix S1: Internet Appendix.
jofi12141-sup-0001-AppendixS1.txt 67 KB	Appendix S1: Internet Appendix.

Please note: The publisher is not responsible for the content or functionality of any supporting information supplied by the authors. Any queries (other than missing content) should be directed to the corresponding author for the article.

REFERENCES

Abraham, Katharine G., and John C. Haltiwanger, 1995, Real wages and the business cycle, *Journal of Economic Literature* 33, 1215–1264.

| [Web of Science®](#) | [Google Scholar](#) |

Bazdresch, Santiago, Frederico Belo, and Xiaoji Lin, 2013, Labor hiring, investment and stock return predictability in the cross section, *Journal of Political Economy* (forthcoming).

Becker, Gary S., 1964, *Human Capital* (Columbia University Press, New York, NY).

| [Google Scholar](#) |

Berk, Jonathan B., 1995, A critique of size-related anomalies, *Review of Financial Studies* 8, 275–286.

| [Web of Science®](#) | [Google Scholar](#) |

Berk, Jonathan B., Richard C. Green, and Vasant Naik, 1999, Optimal investment, growth options, and security returns, *Journal of Finance* 54, 1553–1607.

| [Web of Science®](#) | [Google Scholar](#) |

Carlson, Murray, Adlai Fisher, and Ron Giammarino, 2004, Corporate investment and asset price dynamics: Implications for the cross-section of returns, *Journal of Finance* 59, 2577–2603.

| [Web of Science®](#) | [Google Scholar](#) |

Chen, Huafeng, Marcin Kacperczyk, and Hernan Ortiz-Molina, 2011, Labor unions, operating flexibility, and the cost of equity, *Journal of Financial and Quantitative Analysis* 46, 25–58.

| [Web of Science®](#) | [Google Scholar](#) |

Cochrane, John H., 1991, Production-based asset pricing and the link between stock returns and economic fluctuations, *Journal of Finance* 46, 209–237.

| [Web of Science®](#) | [Google Scholar](#) |

Daniel, Kent, Mark Grinblatt, Sheridan Titman, and Russ Wermers, 1997, Measuring mutual fund performance with characteristic-based benchmarks, *Journal of Finance* 52, 1035–1058.

| [Web of Science®](#) | [Google Scholar](#) |

Danthine, Jean-Pierre, and John B. Donaldson, 2002, Labor relations and asset returns, *Review of Economic Studies* 69, 41–64.

| [Web of Science®](#) | [Google Scholar](#) |

Davis, Steven J., and John Haltiwanger, 2001, Sectoral job creation and destruction responses to oil price changes, *Journal of Monetary Economics* 48, 465–512.

| [Web of Science®](#) | [Google Scholar](#) |

Eisfeldt, Andrea L., and Dimitris Papanikolaou, 2013, Organization capital and the cross-section of expected returns, *Journal of Finance* 68, 1365–1406.

| [Web of Science®](#) | [Google Scholar](#) |

Fama, Eugene F., and Kenneth R. French, 2008, Dissecting anomalies, *Journal of Finance* 63, 1653–1678.

| [Web of Science®](#) | [Google Scholar](#) |

Gebhardt, William R., Charles M. C. Lee, and Bhaskaran Swaminathan, 2002, Toward an implied cost of capital, *Journal of Accounting Research* 39, 135–176.

| [Web of Science®](#) | [Google Scholar](#) |

Gourio, Francois, 2007, Labor leverage, firms' heterogeneous sensitivities to the business cycle, and the cross-section of expected returns, Working paper, Boston University.

| [Google Scholar](#) |

Grossman, Gene M., and Carl Shapiro, 1982, A theory of factor mobility, *Journal of Political Economy* 90, 1054–1069.

| [Web of Science®](#) | [Google Scholar](#) |

Harper, Michael J., Bhavani Khandrika, Randall Kinoshita, and Steven Rosenthal, 2010, Nonmanufacturing industry contributions to multifactor productivity, 1987–2006, *Monthly Labor Review* 133, 16–31.

| [Web of Science®](#) | [Google Scholar](#) |

Harvey, Campbell, Yan Liu, and Heqing Zhu, 2013, ... and the cross-section of expected returns, Working paper, Duke University.

| [Google Scholar](#) |

Hou, Kewei, and David T. Robinson, 2006, Industry concentration and average stock returns, *Journal of Finance* 61, 1927–1956.

| [Web of Science®](#) | [Google Scholar](#) |

Hou, Kewei, Mathijs A. van Dijk, and Yinglei Zhang, 2012, The implied cost of capital: A new approach, *Journal of Accounting and Economics* 53, 504–526.

| [Web of Science®](#) | [Google Scholar](#) |

Johnson, William R., 1979, The demand for general and specific education with occupational mobility, *Review of Economic Studies* 46, 695–705.

Kambourov, Gueorgui, and Iourii Manovskii, 2009a, Occupational mobility and wage inequality, *Review of Economic Studies* 76, 731–759.

Kambourov, Gueorgui, and Iourii Manovskii, 2009b, Occupational specificity of human capital, *International Economic Review* 50, 63–115.

King, Miriam, Steven Ruggles, J. Trent Alexander, Sarah Flood, Katie Genadek, Matthew B. Schroeder, Brandon Trampe, and Rebecca Vick, 2010, *Integrated Public Use Microdata Series, Current Population Survey: Version 3.0*. (Minnesota Population Center, Minneapolis, MN).

Kuehn, Lars-Alexander, Nicolas Petrosky-Nadeau, and Lu Zhang, 2012, An equilibrium asset pricing model with labor market search, Working paper, Carnegie Mellon University.

Leland, Hayne E., 1994, Corporate debt value, bond covenants, and optimal capital structure, *Journal of Finance* 49, 1213–1252.

Lewellen, Jonathan, and Stefan Nagel, 2006, The conditional CAPM does not explain asset-pricing anomalies, *Journal of Financial Economics* 82, 289–314.

Lustig, Hanno N., Chad Syverson, and Stijn Van Nieuwerburgh, 2011, Technological change and the growing inequality in managerial compensation, *Journal of Financial Economics* 99, 601–627.

Merz, Monika, and Eran Yashiv, 2007, Labor and the market value of the firm, *American Economic Review* 97, 1419–1431.

Neal, Derek, 1995, Industry-specific human capital: Evidence from displaced workers, *Journal of Labor Economics* 13, 653–677.

Parent, Daniel, 2000, Industry-specific capital and the wage profile: Evidence from the national longitudinal survey of youth and the panel study of income dynamics, *Journal of Labor Economics* 18, 306–323.

| [Web of Science®](#) | [Google Scholar](#) |

Shaw, Kathryn L., 1984, A formulation of the earnings function using the concept of occupational investment, *Journal of Human Resources* 19, 319–340.

| [Web of Science®](#) | [Google Scholar](#) |

Shaw, Kathryn L., 1987, Occupational change, employer change, and the transferability of skills, *Southern Economic Journal* 53, 702–719.

| [Web of Science®](#) | [Google Scholar](#) |

Sullivan, Paul, 2010, Empirical evidence on occupation and industry specific human capital, *Labour Economics* 17, 567–580.

| [PubMed](#) | [Web of Science®](#) | [Google Scholar](#) |

Willis, Robert J., 1985, *Wage Determinants: A Survey and Reinterpretation of Human Capital Earnings Functions* (Economics Research Center/NORC, Chicago, IL).

| [Google Scholar](#) |

Wu, Jin, and Lu Zhang, 2008, Do anomalies exist ex ante? Working paper, University of Georgia.

| [Google Scholar](#) |

Zhang, Lu, 2005, The value premium, *Journal of Finance* 60, 67–103.

| [Web of Science®](#) | [Google Scholar](#) |

Citing Literature



[Download PDF](#)

[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