

Accounting & Finance / Volume 54, Issue 1 / p. 47-82

Original Article

Financial statement recasting and credit risk assessment

George Batta, Ananda Ganguly, Joshua Rosett

First published: 09 November 2012

<https://doi.org/10.1111/acfi.12002>

Citations: 11

We thank seminar participants at Claremont McKenna College, the Southern California Accounting Research Forum, and the American Accounting Association's annual meeting for invaluable comments. We also thank Brittany Watson and Asaf Bernstein for their many hours of assistance in constructing the dataset.

Abstract

This article examines the importance of adjustments to corporate financial statements for credit risk assessment. Prior research has tended to examine individual adjustments one at a time. As correlations among adjustments and control variables may bias inferences when researchers examine a single adjustment and ignore other adjustments, our results provide important new information about previous research by documenting whether or not such bias exists. We find that financial statement recasting adjustments – which aim to better reflect firms' indebtedness, financing costs and recurring earnings than reported financial numbers – are reflected in bond yield spreads and have an economically significant impact on credit pricing and loss forecasting. Among individual adjustment categories, we find that those for off-balance-sheet leases, defined benefit pensions and securitized debt have an economically significant impact on credit pricing and loss forecasting.

References

Acharya, V., S. Bharath, and A. Srinivasan, 2007, Does industry-wide distress affect defaulted firms? Evidence from creditor recoveries, *Journal of Financial Economics* 8, 787–821.

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

Altamuro, J., R. Johnston, S. Pandit, and H. Zhang, 2011, Operating leases and credit assessments, Working paper (Ohio State University).

[Google Scholar](#)

Altman, E., and H. Rijken, 2006, A point-in-time perspective on through-the-cycle ratings. *Financial Analysts Journal* 62, 54–70.

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

Beaudoin, C., N. Chandar, and E. Werner, 2011, Good disclosure doesn't cure bad accounting – or does it? *Advances in Accounting* 27, 99–110.

[Google Scholar](#)

Berstresser, D., and T. Philippon, 2006, CEO incentives and earnings management, *Journal of Financial Economics* 80, 511–529.

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

Bessembinder, H., W. Maxwell, K. Kahle, and D. Xu, 2009, Measuring abnormal bond performance, *Review of Financial Studies* 22, 4219–4258.

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

Bharath, S., and T. Shumway, 2008, Forecasting default with the Merton distance to default model, *Review of Financial Studies* 21, 1339–1369.

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

Biddle, G., G. Seow, and A. Siegel, 1995, Relative versus incremental information content, *Contemporary Accounting Research* 12, 1–23.

[Google Scholar](#)

Cameron, A. C., J. G. Gelbach, and D. L. Miller, 2011, Robust inference with multi-way clustering, *Journal of Business and Economic Statistics* 29, 238–249.

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

Campbell, J. Y., and G. B. Taksler, 2003, Equity volatility and corporate bond yields, *The Journal of Finance* 58, 2321–2350.

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

Carey, M., 1998, Credit risk in private debt portfolios, *Journal of Finance* 53, 1363–1387.

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

Davidson, R., and J. G. McKinnon, 1981, Several tests for model specification in the presence of alternative hypotheses, *Econometrica* 49, 781–793.

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

Easton, P., and M. Zmijewski, 1993, SEC from 10K/10Q reports and annual reports to shareholders: reporting lags and squared market model prediction errors, *Journal of Accounting Research* **31**, 113–129.

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

Gallagher, R., and D. McKillop, 2010a, Unfunded pension liabilities and sponsoring firm credit risk: an international analysis of corporate bond spreads, *European Journal of Finance* **16**, 183–200.

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

Gallagher, R., and D. McKillop, 2010b, Unfunded pension liabilities and the corporate CDS market, *Journal of Fixed Income* **19**, 30–46.

[Google Scholar](#)

Gorton, G., and G. Pennacchi, 1990, Are loan sales really off-balance sheet?, in: J. Ronen, A. Saunders, A. Sondhi, eds., *Off-Balance Sheet Activities* (Quorum Books, Westport), 19–40.

[Google Scholar](#)

Greene, W. H., 2001, *Econometric Analysis*, 4th edn (Prentice-Hall, Upper Saddle River, NJ).

[Google Scholar](#)

Hann, R. N., F. Hefflin, and K. R. Subramanyam, 2007, Fair value pension accounting, *Journal of Accounting and Economics* **44**, 328–358.

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

Jostova, G., S. Nikolova, A. Philipov, and C. Stahel, 2010, Momentum in corporate bond returns, Working paper (George Washington University).

[Google Scholar](#)

Kraft, P., 2011, Rating Agency adjustments to GAAP financial statements and their effect on ratings and bond yields, Working paper (New York University).

[Google Scholar](#)

Lim, S. C., S. Mann, and V. T. Mihov, 2003, Market evaluation of off-balance sheet financing: you can run but you can't hide, Working paper (Texas Christian University).

[Google Scholar](#)

Livingston, M., A. Naranjo, and L. Zhou, 2008, Split bond ratings and rating migration, *Journal of Banking and Finance* 32, 1613–1624.

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

Lundholm, R., and R. Sloan, 2007, *Equity Valuation and Analysis*, 2nd edn (McGraw-Hill Irwin, New York, NY).

[Google Scholar](#)

Maher, J., 1987, Pension obligations and the bond credit market: an empirical analysis of accounting numbers, *The Accounting Review* 62, 785–798.

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

Merton, R. C., 1974, On the pricing of corporate debt: the risk structure of interest rates, *The Journal of Finance* 29, 449–470.

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

Mills, L. F., and K. J. Newberry, 2005, Firms' off-balance-sheet and hybrid debt financing: evidence from their book-tax reporting differences, *Journal of Accounting Research* 43, 251–282.

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

Moody's, 2006, *Moody's Approach to Global Standard Adjustments in the Analysis of Financial Statements for Non-Financial Corporations* (Moody's Inc., New York).

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

Norden, L., and M. Weber, 2004, Informational efficiency of credit default swap and stock markets: the impact of credit rating announcements, *Journal of Banking and Finance* 28, 2813–2843.

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

Raman, K., and E. Wilson, 1990, The debt equivalence of unfunded government pension obligations, *Journal of Accounting and Public Policy* 9, 37–56.

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

Robinson, T., H. van Greunig, E. Henry, and M. Broihahn, 2008, Financial statement analysis: applications, in: T. Robinson, H. van Greunig, E. Henry, M. Broihahn, eds., *International Financial Statement Analysis* (Wiley, Hoboken, NJ), 259–322.

[Google Scholar](#)

Sengupta, P., and Z. Wang, 2010, Pricing of off-balance sheet debt: how do bond market participants use the footnote disclosures on operating leases and postretirement benefit plans? *Accounting and Finance* 51, 787-808.

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

Standard and Poor's (S&P), 2006, *Standard & Poor's Corporate Ratings Criteria* (McGraw-Hill, New York, NY).

[Google Scholar](#)

Standard and Poor's (S&P), 2010, Annual Global Corporate Default Study and Rating Transitions. Available at www.standardandpoors.com/ratingsdirect.

[Google Scholar](#)

Stickney, C. P., P. Brown, and J. M. Wahlen, 2006, *Financial Reporting, Financial Statement Analysis, and Valuation: A Strategic Perspective* (Cengage, Stamford, CT).

[Google Scholar](#)

Vuong, Q., 1989, Likelihood ratio tests for model selection and non-nested hypotheses, *Econometrica* 57, 307-333.

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

Weesie, J., 1999, Seemingly unrelated estimation and the cluster-adjusted sandwich estimator, *Stata Technical Bulletin* 52, 34-47.

[Google Scholar](#)

White, G. I., A. C. Sondhi, and D. Fried, 2003, *The Analysis and Use of Financial Statements*, 3rd edn (John Wiley & Sons, Inc., Hoboken, NJ).

[Google Scholar](#)

Wild, J. J., K. R. Subramanyam, and R. F. Halsey, 2006, *Financial Statement Analysis* (McGraw-Hill, New York, NY).

[Google Scholar](#)

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 © 1999-2024 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