

Active management, fund size, and bond mutual fund returns

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Abstract

Conventional wisdom holds that bonds are relatively homogenous investments compared to equities. Consequently, factors that explain variation in returns among bond mutual funds may differ in magnitude from those for equity mutual funds. In this study, a time-series cross-sectional analysis is employed to investigate the relationship between a bond fund's risk-adjusted return and specific fund attributes. Results indicate that a bond fund's past performance does not predict future performance and that bond fund managers are generally ineffective at increasing risk-adjusted returns. However, unlike equity mutual funds, bond mutual funds do appear to enjoy economies of scale.

References

Breusch, T.S. and A.R. Pagan, 1979. A simple test for heteroskedasticity and random coefficient variation. *Econometrica* 47, 1287–1294.

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

Brown, S.J. and W.N. Goetzmann, 1995. Performance persistence, *Journal of Finance* 50, 679–699.

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

Brown, S.J., W. Goetzmann, R.G. Ibbotson and S.A. Ross, 1992. Survivorship bias in performance studies, *Review of Financial Studies* 5, 553–580.

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

Carter, W.D., 1950. Quality of mutual fund portfolio supervision, *Financial Analysts' Journal* 6, 32–36.

[Google Scholar](#)

Chow, G.C., 1960. Tests of equality between sets of coefficients in two linear regressions, *Econometrica* 28, 571–605.

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

Ferris, S.P. and D.M. Chance, 1987. The effect of 12b-1 fees on mutual fund expense ratios: a note, *Journal of Finance* **42**, 1077–1082.

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

Goetzmann, W.N. and R.G. Ibbotson, 1994. Do winners repeat?, *Journal of Portfolio Management* **20**, 9–18.

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

Gorman, L., 1991. A study of the relationship between mutual fund return and asset size, 1974–1987, *Akron Business and Economic Review* **22**, 53–61.

 | [Google Scholar](#) |

Grinblatt, M. and S. Titman, 1989. Mutual fund performance: an analysis of quarterly portfolio holdings, *Journal of Business* **62**, 393–416.

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

Grinblatt, M. and S. Titman, 1992. The persistence of mutual fund performance, *Journal of Finance* **47**, 1977–1985.

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

Hausman, J.A. and W.E. Taylor, 1981. Panel data and unobservable individual effects, *Econometrica* **49**, 1377–1398.

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

Hendricks, D., J. Patel and R. Zeckhauser, 1993. Hot hands in mutual funds: short run persistence of relative performance, 1974–1988, *Journal of Finance* **48**, 93–130.

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

Hsiao, C., 1986. *Analysis of Panel Data*. (Cambridge Press University Press, Cambridge , MA).

 | [CAS](#) | [Google Scholar](#) |

Ippolito, R.A., 1992. Consumer reaction to measures of poor quality: evidence from the mutual fund industry, *Journal of Law and Economics* **35**, 45–70.

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

Ippolito, R.A., 1989. Efficiency with costly information: a study of mutual fund performance. 1965–1984, *Quarterly Journal of Economics* **104**, 1–23.

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

Jensen, M.C., 1964. The performance of mutual funds in the period 1945–1964, *Journal of Finance* **23**, 389–416.

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

Kennedy, P., 1985. *A Guide to Econometrics*, 2nd ed. (MIT Press, Cambridge , MA).

[Google Scholar](#) |

Lakonishok, J., 1981. Performance of mutual funds versus their expenses, *Journal of Bank Research* **12**, 110–113.

[Google Scholar](#) |

Sharpe, W.F., 1966. Mutual fund performance, *Journal of Business* **39**, 119–138.

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

Shawky, H.A., 1982. An update on mutual funds: better grades, *Journal of Portfolio Management* **8**, 29–34.

[Google Scholar](#) |

Trahan, E., 1992. Mutual Fund Performance: An update for the 1980's, *Working Paper*, Northeastern University.

[Google Scholar](#) |

Treynor, J.L., 1965. How to rate management of investment funds, *Harvard Business Review* **43**, 63–75.

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

Trzcinka, C., and R. Zweig, 1990. *An Economic Analysis of the Costs and Benefits of S.E.C. Rule 12b-1*. (Salomon Brothers, New York , NY).

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

Veit, E.T., J.M. Cheney, J. Madura and M. Lukas, 1988. Mutual fund returns and the investment horizon: load versus no-load funds, *Akron Business and Economic Review* **19**, 104–118.

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

Wharton School of Finance and Commerce, 1962. A study of mutual funds. (United States House Committee on Interstate and Foreign Commerce, 87th Congress, Washington, DC).

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

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