

Jumps in Financial Markets: A New Nonparametric Test and Jump Dynamics

[Get access >](#)

,

The Review of Financial Studies, Volume 21, Issue 6, November 2008, Pages 2535–2563, <https://doi.org/10.1093/rfs/hhm056>

Published: 09 December 2007

Abstract

This article introduces a new nonparametric test to detect jump arrival times and realized jump sizes in asset prices up to the intra-day level. We demonstrate that the likelihood of misclassification of jumps becomes negligible when we use high-frequency returns. Using our test, we examine jump dynamics and their distributions in the U.S. equity markets. The results show that individual stock jumps are associated with prescheduled earnings announcements and other company-specific news events. Additionally, S&P 500 Index jumps are associated with general market news announcements. This suggests different pricing models for individual equity options versus index options.

© Oxford University Press 2007

You do not currently have access to this article.

Sign in

 [Get help with access](#)

Personal account

- Sign in with email/username & password
- Get email alerts
- Save searches

Institutional access

[Sign in through your institution >](#)

[Sign in with a library card](#)

[Sign in with](#)

Oxford University Press uses cookies to enhance your experience on our website. By selecting 'accept' you are agreeing to our use of cookies. You can change your cookie settings at any time. More information can be found in our [Cookie Policy](#).

Purchase

[Subscription prices and ordering for this journal](#)

[Purchasing options for books and journals across Oxford Academic](#)

Short-term Access

To purchase short-term access, please sign in to your personal account above.

Don't already have a personal account? [Register](#)

Jumps in Financial Markets: A New Nonparametric Test and Jump Dynamics - 24 Hours access

EUR €51.00

GBP £44.00

USD \$55.00

Rental



This article is also available for rental through DeepDyve.