

African Journals











About Current Issue

Previous Issues

Submit a Paper

Contact the Editor



OA African Journal Archive

Home → South African Statistical Journal → Vol. 53, No. 1



lı

ir

0

lı

tı

а

jι

d

n N

f

Cookies Settings

The absence of diffusion in the South African short rate

Cookies on Sabinet X Our web pages use cookies information about how you interact with the site. When https://hdl.handle.net/10520/EJC-14af6a8487 you select "Accept all cookies," you're agreeing to **ABOUT** let your browser store that data on your device so that we can provide you with a better, more relevant experience. natics, stochastic differential equations are used to describe the dynamics of Selecting "Reject nodel for the short rate, which is a mathematically defined rate not directly unnecessary cookies" limits ever, observable rates such as short dated Treasury rates or the Johannesburg the data that's stored to what's strictly necessary for AR) can be used as proxies for the short rate. The short rate dynamics are using the site. However, that actor diffusion processes. These type of models remain popular due to the may negatively impact your cing formulae of interest rate derivatives under these models. To capture the experience. ate returns in the South African market, two types of models can be used: a pure See our Cookie Notice for model. In this paper we investigate whether jumps are present and whether a more information . Our initial investigation showed that jumps were present in the South African omponent was evident at low interest rate levels. This result was found using a jumps. We therefore conclude that a pure jump process is an appropriate model Accept All Cookies ۶. Reject All

Sabinet African Journals User Guide
How to Get Access

Website © 2024 Sabinet All Rights reserved | Privacy Policy | Disclaimer | Terms and Conditions | CONNECT Terms of Use

About Us

FAQ

About Sabinet African Journals

About Sabinet

Terms and Conditions

Contact Us

C

В

В

Publications

A-Z Index of Journals

Cookies on Sabinet X

Our web pages use cookies—information about how you interact with the site. When you select "Accept all cookies," you're agreeing to let your browser store that data on your device so that we can provide you with a better, more relevant experience.

Selecting "Reject unnecessary cookies" limits the data that's stored to what's strictly necessary for using the site. However, that may negatively impact your experience.

<u>See our Cookie Notice for more information</u>

Accept All Cookies

Reject All

Cookies Settings

ure you get the best experience on our website. Learn more.