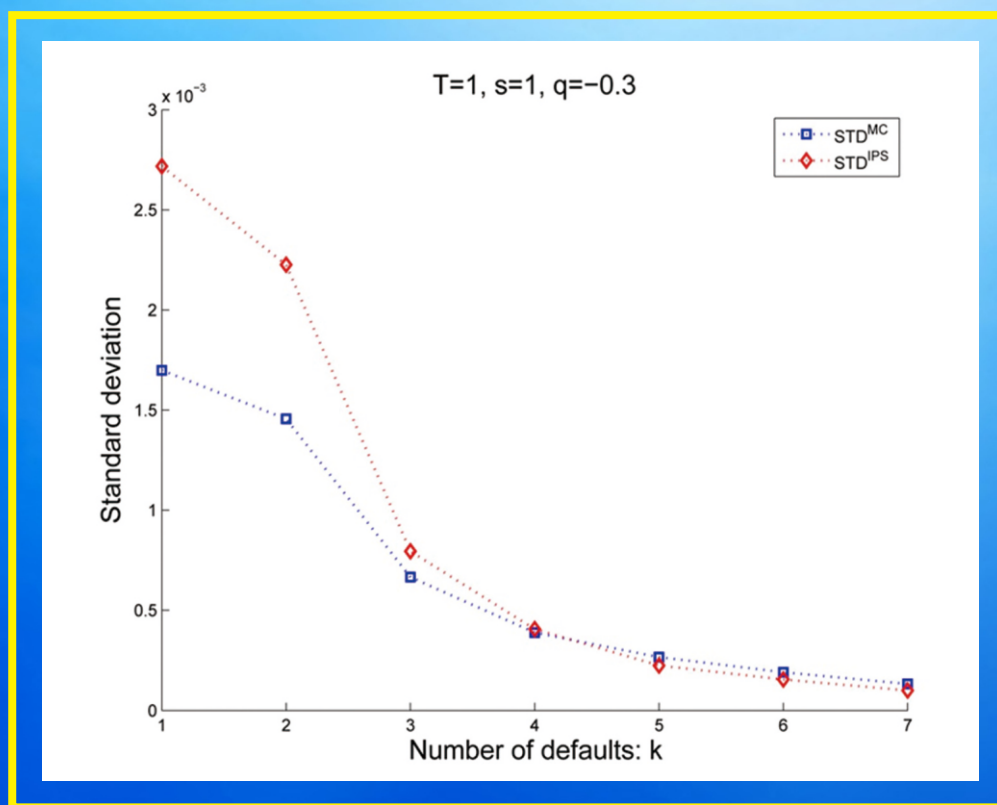


Journal of Mathematical Finance



ISSN:2162-2434



Journal Editorial Board

ISSN: 2162-2434 (Print), 2162-2442 (Online)

<http://www.scirp.org/journal/jmf/>

Editor-in-Chief

Prof. Moawia Alghalith

University of the West Indies, Trinidad-and-Tobago

Associate Editors-in-Chief

Dr. Fariba Hashemi

Applied Economics Research, Switzerland

Prof. Cheng Hsiao

University of Southern California, USA

Dr. Charles-Albert Lehalle

Crédit Agricole Cheuvreux, France

Prof. Haim Levy

Hebrew University, Israel

Dr. Stephen Ellwood Satchell

Sydney University, Australia

Prof. Tony S. Wirjanto

University of Waterloo, Canada

Prof. Wing-Keung Wong

Hong Kong Baptist University, China

Editorial Advisory Board

Dr. Ricardas Zitikis

University of Western Ontario, Canada

Honorary Editorial Board

Prof. Frank J. Fabozzi

EDHEC Business School, France

Prof. Michael McAleer

Erasmus University Rotterdam, Netherlands

Editorial Board

Prof. Christopher John Adcock

University of Sheffield, UK

Prof. Udo Broll

TU Dresden, Germany

Prof. Raymond Hon-Fu Chan

The Chinese University of Hong Kong, China

Dr. Umberto Cheruabini

University of Bologna, Italy

Prof. Martín Egozcue

University of Montevideo, Uruguay

Prof. Richard W. Gorvett

University of Illinois, USA

Dr. Zhengfeng Guo

Vanderbilt University, USA

Prof. Xue-Zhong (Tony) He

University of Technology, Australia

Prof. Ivan Ganchev Ivanov

Sofia University "St. Kl. Ohridski", Bulgaria

Dr. George J. Jiang

University of Arizona, USA

Prof. Yong H. Kim

University of Cincinnati, USA

Dr. Ka-Chi Lam

City University of Hong Kong, China

Prof. Donald Lien

University of Texas at San Antonio, USA

Prof. Alexander Melnikov

University of Alberta, Canada

Dr. Gareth William Peters

University College London, UK

Dr. Hermann Ratsimbanierana

University of Perpignan, France

Dr. Goutte Stéphane

University of Paris Diderot, France

Table of Contents

Volume 4 Number 3

May 2014

The Unexplainable Nature of Momentum Portfolio Returns

D. J. Moore, G. C. Philippatos.....135

Identification and Estimation of Gaussian Affine Term Structure Models with Regime Switching

G. Wang.....148

Valuing European Put Options under Skewness and Increasing [Excess] Kurtosis

J.-P. D. Chateau.....160

A Simple Generalisation of Kirk's Approximation for Multi-Asset Spread Options by the Lie-Trotter Operator Splitting Method

C. F. Lo.....178

Multi-Name Extension to the Credit Grades and an efficient Monte Carlo Method

H. Takada.....188

A New Range-Based Regime-Switching Dynamic Conditional Correlation Model for Minimum-Variance Hedging

Y.-K. Su, C.-C. Wu.....207

Journal of Mathematical Finance (JMF)

Journal Information

SUBSCRIPTIONS

The *Journal of Mathematical Finance (JMF)* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2014 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: jmf@scirp.org



Journal of Mathematical Finance (JMF)

ISSN 2162-2434 (Print) ISSN 2162-2442 (Online)

<http://www.scirp.org/journal/jmf/>

Journal of Mathematical Finance (JMF) aims at presenting the latest development on pure and applied financial mathematics. It considers important theoretical, empirical and review papers.

Editor-in-Chief

Prof. Moawia Alghalith

University of the West Indies, Trinidad-and-Tobago

Editorial Board

Prof. Christopher John Adcock

Prof. Udo Broll

Prof. Raymond Hon-Fu Chan

Dr. Umberto Cherubini

Prof. Martín Egozcue

Prof. Richard W. Gorvett

Dr. Zhengfeng Guo

Prof. Xue-Zhong (Tony) He

Prof. Ivan Ganchev Ivanov

Dr. George J. Jiang

Prof. Yong H. Kim

Dr. Ka-Chi Lam

Prof. Donald Lien

Prof. Alexander Melnikov

Dr. Gareth William Peters

Dr. Hermann Ratsimbanierana

Dr. Goutte Stéphane

Subject Coverage

The journal publishes original papers including but not limited to the following fields:

- Financial engineering
- Financial statistics
- Pricing theory of securities and portfolio
- Quantitative economics
- Solutions to PDEs
- Stochastic optimization and control
- Stochastic processes

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

[Http://www.scirp.org/journal/jmf](http://www.scirp.org/journal/jmf)

E-mail: jmf@scirp.org