Accepted Manuscript

Copula Based Multivariate Semi-Markov Models with Applications in High-Frequency Finance

Guglielmo D'Amico, Filippo Petroni

PII: S0377-2217(17)31118-9
DOI: 10.1016/j.ejor.2017.12.016
Reference: EOR 14875

To appear in: *European Journal of Operational Research*

Received date: 12 August 2015
Revised date: 30 November 2017
Accepted date: 7 December 2017

Please cite this article as: Guglielmo D'Amico, Filippo Petroni, Copula Based Multivariate Semi-Markov Models with Applications in High-Frequency Finance, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.12.016

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- We advance a new multivariate semi-Markov model by using copula functions
- We model financial returns by means of the proposed stochastic model
- We compare results from real data and the model in estimating risk measure

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6895019

Download Persian Version:

https://daneshyari.com/article/6895019

Daneshyari.com