Accepted Manuscript

Multivariate multiscale distribution entropy of financial time series

Yali Zhang, Pengjian Shang

PII: S0378-4371(18)31310-4

DOI: https://doi.org/10.1016/j.physa.2018.09.180

Reference: PHYSA 20241

To appear in: Physica A

Received date: 8 May 2018 Revised date: 2 September 2018



Please cite this article as: Y. Zhang, P. Shang, Multivariate multiscale distribution entropy of financial time series, *Physica A* (2018), https://doi.org/10.1016/j.physa.2018.09.180

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

The highlights of this manuscript are as follows:

- 1. Multivariate multiscale distribution entropy of financial time series is introduced as a new way is proposed.
- 2. The new model can be used to assess complexity of a complex dynamical system.
- 3. The experiments show this method is more sencitive to the change of short time series and describes the trends of complex systems clearly.

Download English Version:

https://daneshyari.com/en/article/11001588

Download Persian Version:

https://daneshyari.com/article/11001588

<u>Daneshyari.com</u>