

Accepted Manuscript

Asymmetric joint multifractal analysis in Chinese stock markets

Yuwen Chen, Tingting Zheng

PII: S0378-4371(16)30857-3

DOI: <http://dx.doi.org/10.1016/j.physa.2016.11.052>

Reference: PHYSA 17708

To appear in: *Physica A*

Received date: 28 May 2016

Revised date: 6 October 2016

Please cite this article as: Y. Chen, T. Zheng, Asymmetric joint multifractal analysis in Chinese stock markets, *Physica A* (2016), <http://dx.doi.org/10.1016/j.physa.2016.11.052>

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.



Highlights

1. The asymmetric joint multifractal analysis method based on statistic physics is proposed to explore the asymmetric correlation in non-stationary time series.
2. The asymmetric correlation between daily return and trading volume is discussed by asymmetric joint multifractal analysis method based on statistic physics.
3. The correlations are asymmetric multifractal. When the stock indexes are upward, the fluctuations of returns are always weaker than when they are downward, whether the trading volumes are more or less.

Download English Version:

<https://daneshyari.com/en/article/5102920>

Download Persian Version:

<https://daneshyari.com/article/5102920>

[Daneshyari.com](https://daneshyari.com)