



Physical Review E

Outline	Information

Scaling of the distribution of fluctuations of financial market indices

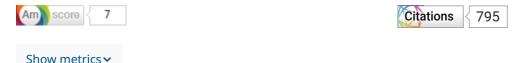
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Abstract

We study the distribution of fluctuations of the S&P 500 index over a time scale ∆t by analyzing

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Personalization xponent $\alpha \approx 3$, well outside the stable Lévy regime $0 < \alpha < 2$. To test the

Analytics the S&P result, we perform a parallel analysis on two other financial market indices.

Database (iv) contains 3560 daily records of the NIKKEI index for the 14-year period 1984–1997,

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1997. We have estimates of a consistent with those describing the distribution of save autocorre

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