Multifractal behavior of financial time series

- Are there similarities between multifractals in different markets?
- Do price changes and volume changes in stock market indices have similar multifractal properties?
Price changes are more complex and lack long-term correlations.

Volume changes are less complex with anti-persistent long-term correlations.

Distinct multifractal regimes for price and volume changes?
Multifractal analysis of managed and independent float exchange rates

Questions:
• Are there any distinct multifractal behaviors when transitioning from a managed to independent float regime?
• If so, what do they represent?

![Graphs showing returns for Brazil and South Korea over time](image-url)
Multifractal analysis of managed and independent float exchange rates

Answers:
• transitions to independent float regimes indicate market efficiency
• developed countries are more sensitive to changes in currency regimes