

# Comments on: "Does multi-scale decomposition improve forecasting horizons in crude oil market?"

by G.S. Uddin, R. Gençay and M. Sahamkhadam

A. Vaello-Sebastià - Universitat de les Illes Balears

ERFIN, Warsaw 2017

## Paper target

Compare the forecasting ability of MRA-ARMA against simple ARMA in oil markets.

## Comments:

- Explain what is **MRA**: multi resolution analysis.
- Improve Motivation: Public budget cuts in oil-dependent economies when oil price falls (Mexico).
- Focus on loss-tail forecasting (risk management).

## Paper target

Compare the forecasting ability of MRA-ARMA against simple ARMA in oil markets.

## Comments:

- Explain what is **MRA**: multi resolution analysis.
- Improve Motivation: Public budget cuts in oil-dependent economies when oil price falls (Mexico).
- Focus on loss-tail forecasting (risk management).

## Paper target

Compare the forecasting ability of MRA-ARMA against simple ARMA in oil markets.

## Comments:

- Explain what is **MRA**: multi resolution analysis.
- Improve Motivation: Public budget cuts in oil-dependent economies when oil price falls (Mexico).
- Focus on loss-tail forecasting (risk management).

## Paper target

Compare the forecasting ability of MRA-ARMA against simple ARMA in oil markets.

## Comments:

- Explain what is **MRA**: multi resolution analysis.
- Improve Motivation: Public budget cuts in oil-dependent economies when oil price falls (Mexico).
- Focus on loss-tail forecasting (risk management).

# Comments

- If you focus on tails, compare your proposal against other non-wavelet-based techniques commonly used: McNeil and Frey (2001).
  - 1 Estimate an ARMA-GARCH model on returns
  - 2 Fit the tails with a GPD using the (estimated) standardized residuals (EVT).

# Comments

- If you focus on tails, compare your proposal against other non-wavelet-based techniques commonly used: McNeil and Frey (2001).
  - 1 Estimate an ARMA-GARCH model on returns
  - 2 Fit the tails with a GPD using the (estimated) standardized residuals (EVT).

# Comments

- If you focus on tails, compare your proposal against other non-wavelet-based techniques commonly used: McNeil and Frey (2001).
  - 1 Estimate an ARMA-GARCH model on returns
  - 2 Fit the tails with a GPD using the (estimated) standardized residuals (EVT).