Financial and market analyses

Commodity and Financial market analysis

- Weekly price volatility in the salmon market. Is there a time and cross weight dependence?
- Forecasting salmon prices 1-8 weeks into the future: The performance of time series forecasting models
- The term structure of futures contracts at Nord Pool. Can simple trading strategies generate (abnormal) profits?
- Is oil driving the volatility in the corn market?
- Electricity prices and weather: Is the Nord Pool futures market good at forecasting the weather?
- Commodities and stocks: A market of one, two or many?
- Buy winners and sell loosers. Has there been a momentum effect in the XX stock market since 1990?
- Contrarian strategies in the xx stock market: Can the market be beat?
- Risk and return in emerging markets – what about Africa?
- The increasing number of Grey Panthers. What is the effect on stock prices?
- Can exchange rates forecast commodity prices? An empirical analysis of foil prices and major currencies.
- High Risk = High Return? Results from investing in low risk stocks in the XX stock market.

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Masters theses within commodity market analysis

The Department is establishing a research group within *commodity market analysis.*

The Commodity Market Group (CMG) will consist of several members from the IOR staff, viz. In addition, the CMG may be supplemented with an Adjunct Professor from Texas A&M University.

Commodities

Commodities will be defined widely: agricultural commodities, metals, energy (oil, petroleum products, electricity, coal). Studies involving financial market data will also be relevant.

Market analysis

Econometric studies of market structures, price and quantity relationships; time series, cross sectional data, panel data

Thesis writing and supervision

Students writing their theses on commodity markets will work in a group, closely connected to the CMG. There will be organized workshops in which both students and CMG-members will participate in order to develop hypotheses, discuss methods etc.

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Microeconomics and econometrics

Efficiency Analysis

Efficiency Analysis is used in many areas to identify technical and economic effective enterprises. This applies to both the private and public sectors. With other words effectiveness analysis can be used to find the marginal cost of efficient operation. It is appropriate to use the Data Envelopment Analysis (DEA) and Stochastic Frontier Analysis (SFA) analysis of various sectors.

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Bayesian methods in econometrics

Bayesian methods have been more common in the econometric analysis. It is appropriate to compare the results from traditional econometric methods with results from Bayesian methods that take into account previously (prior) information.

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