

THE VIETNAMESE STOCK MARKET: AN ANALYSIS WITH LINEAR AND NON-LINEAR METHODS

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The Vietnamese stock market provides an interesting and enriching test field for the application of different types of models. The economy is opening up and the market capitalization of the stock exchanges is increasing. Nevertheless, quantitative analysis of this market has been underrepresented in recent academic literature. With the present study we intend to (partially) close this gap and shed some light on the possibility to model Vietnamese stock returns with different types of models. One of the main points is to provide hints towards answering the question, whether the Vietnamese stock markets offers possibilities for statistical arbitrage. Our preliminary findings indicate that the market as a whole is comparatively efficient, while select sectors might offer moderate opportunities for statistical arbitrage even after considering transaction costs.