匯率變動對貿易出口影響之研究－以台灣機電類對四大國之出口值為例

The Study on the Impact of Exchange Rate Changes on Exports : An Empirical Example of Taiwan Machinery and Electronic Exports to the Four-Nation

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Abstract

The effect of exchange rates risk on export trades, has been controversial research issues, whether in theory or empirical, are not the same conclusion. Our paper uses the equation of traditional exports, and joined the real exchange rate fluctuations as a proxy variables for exchange rates risk and exchange rate fluctuations measured in the use of GARCH model to estimate exchange rate fluctuations, in order to verify the relationship between export and exchange rates risk, and explore whether in response to changes in exchange rates vary from mechanical and electrical industry in the face of China, Japan, the United States and Germany markets (national) supply and demand situation from the first quarter 1999 to fourth quarter 2007. We find Taiwan's exports to Germany and Japan showed significant case of machinery and electronic, the other sample countries on the export of China and the U.S. industrial exports, the results showed no significant.

Key words: Export Trade, GARCH Model, Exchange Rates Risk, Exchange Rates Changes, Real Exchange Rate

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