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Paper Title: Research on the Interactive Relationship between China's Foreign Exchange Reserves, CPI, Money Supply, and Foreign Investment Based on VAR Model

Abstract: Based on the study of foreign exchange reserves at home and abroad, this paper selects the monthly sample data of China's foreign exchange reserves, CPI, money supply, and foreign investment from 2008/1-2018/3 (data from the National Bureau of Statistics of China). In order to analyze the potential interaction between China's foreign exchange reserves and CPI, money supply, and foreign investment, we try to use ADF unit root test, explore the co-integration relationship between data, and establish VAR models.

Keywords: Optimization of Portfolio Model, Mathematical Modeling, Linear Programming, Empirical Analysis.

References:

Authors: Shichao Xiong, Li Tan

Paper Title: Analysis and Forecast of Consumer Price Index

Abstract: Consumer price index (CPI) has become a hot term that has been paid attention to by the public. It is a macroeconomic index which reflects the price level of consumer goods and service items that households generally buy. An economic model is established to analyze this model to understand and understand the influencing factors of consumer price index. In this paper, the change of consumer price index is analyzed by linear regression method.

Keywords: Consumer Price Index; Linear Regression Analysis; Eviews; Forecast

References: