

Revisiting Intra-industry Trade and Revealed Comparative Advantage on the Thai Gem and Jewelry Industry

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Abstract:

Thai Gem and Jewelry Industry has a prominent role in domestic trade development due to being the source of export income and an important source of employment in the market sector. This research reviews and analyzes Comparative and Competitive Advantages in the Thai Gem and Jewelry Industry by using the Intra-Industry Trade (IIT) Index, Marginal Intra-Industry Trade (MIIT) Index Revealed Comparative Advantage (RCA) Index, and Relative Trade Advantage (RTA) Index in recent data from 2004 to 2024. Gems and Jewelry export values were accumulated and presented by analyzing data from Thailand and foreign data which used the same industry trade index model and the Revealed Comparative Advantage model. It was found that IIT was taking place at a high level. Higher quality trade was taking place between 2004 and 2023. Low-quality products were exported in some years. The gem and Jewelry industry had a comparative disadvantage throughout the reference period.

Keywords:

Intra-Industry Trade, Grubel-Lloyd Approach, Gem and Jewelry Industry, Helpman and Krugman's general equilibrium model.