

**Price Discovery and Price-volume Relationship in the Gold Futures Market:  
Evidence from Thailand**

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**Abstract**

This paper examines the price discovery and the price-volume relationship of gold futures contracts in Thai Futures Exchange (TFEX). The test of cointegration and vector error correction models (VECMs) indicate the bidirectional causality relationship between futures and spot prices. The price-volume relationship is explored by vector autoregressive models and finds the one-way causality running from return to volume. This study also finds the bidirectional Granger causality of both return and volume between night and day trading session and between standard and mini contracts implying the linkage among them. The information share shows that mini gold futures contracts play an important role in price discovery process although there is trading volume less than standard contracts' volume.

*Keywords:* Gold Futures; Price Discovery; Volume; Cointegration; Information Share