

企業グループ立地の空間的な代替性・補完性と生産規模の決定

(英文 : Intensive and Extensive Decisions of Firms with Spatial Dependency)

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Abstract

We examine how firms operating in three or more countries show different international spatial dependency, compared to those operating in just two countries (home and one foreign country). In a multi-country model, we focus on the significance of rival locations abroad, which has not been considered in bilateral two-country models. We present a model in which the spatial extension of operations in large MNEs (measured by the number of foreign countries per parent firm) is related to the intensity of production (measured by the volume of local sales or export per foreign location). We then estimate how their affiliates' locations are substitutable with each other. We use the panel data on Japanese-owned foreign affiliates in 2000-2007, and measure key determinants to trade and FDI multilaterally, relative to other foreign locations. We find that, 1) the setup of a new location for local sales is replaceable with the imports from surrounding economies, 2) the setup of a new location for export is encouraged with exporting opportunity to surrounding economies, 3) the opportunity for export and export volume to the third foreign economies are also enhanced.