

An International Comparison of Agricultural Productivities and Production Structures of Asian Countries

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The purpose of this article is to classify Asian countries' agriculture into several agricultural regions, through an international comparison of productivities and production structures of agriculture in Asian countries, and also to attempt the existence of economic rationality in technological preference of labor, land or capital saving production structure under their resources endowment and historic-geographic background.

For this purpose, aggregate indicators of agricultural output and conventional inputs, such as labor, land, and capital, were estimated for thirty-two Asian countries, including several socialism nations, for the period of 1961—65.

The article consists of four chapters : in Chapter 1, time-series analysis and cross-section international comparative studies for Asian agriculture are surveyed, then the role of this paper in the field of such studies is clarified : in Chapter 2, the estimation procedures of aggregate indicators of each country's agriculture are presented : in Chapter 3, by using those estimated indicators, productivity levels and technological preference patterns of individual country's agriculture are compared and analyzed with special attentions given to resources endowment conditions for each country's agriculture : and finally, findings of this study are summarized and the direction of future's study in this field is discussed.