

# **Assessing the effectiveness of farming systems on rural incomes in Iran**

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## **Abstract**

Understanding the barriers to exploiting hardware and software of farming system is the major issues in the agricultural sector of Iranian economy. Rural management system in Iran have a complex transformation for many years in terms of social structures, which leads to lack of attention by researchers and agricultural planners, especially in the case of small and peasant farming system. Peasant farming systems is one of the traditional farming systems. In peasant farming units, consumption and sales are the main targets especially in crop production and livestock production, and in horticultural production, main targets are sales and consumption. In this study, to evaluate the effectiveness of three farming systems including, peasant, cooperative and commercial systems, and their impact on the income and livelihood of rural community after the formation of village administrations, the nonparametric econometric model and SPSS software was used. The results showed that the efficacy of these three farming system on rural community incomes in Iran is different. Since today the village administrations play a very important role in rural development, especially improving rural welfare, and on the other hand the small and peasant farmers still relatively high contribution to the livelihood from the land, and given that one of the main objectives of this study, creating sustainable livelihoods for rural residents, is suggested by considering integrating land, forming production cooperatives and apply the national and regional policies to prevent rural-urban migration et cetera, the legal rules monitoring activities of farming unites should be review, designed and developed.

**Keywords:** farming system, nonparametric test, Iran.

