

Effects on The Level of Development of The Provinces of The Socio-Economic Factors for Provinces in Turkey: A Stochastic Frontier Model / Türkiye’de İllere Ait Sosyo-Ekonomik Faktörlerin İllerin Gelişmişlik Düzeyine Etkileri: Bir Stokastik Sınır Modeli

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ABSTRACT

Differences in their developments between provinces and regions are one of the most basic issues both for developing and developed countries. In addition to some other factors causing these differences, the resources being used for different activity levels between provinces and regions are thought to be effective and important. Significant development differences between provinces and regions are observed. The reasons causing these difference can be considered as the inadequate infrastructures, insufficient accumulations of capital, and the existing organizational structures and socio-cultural affecting negatively development events, spatial issues, historical and geographical impacts, and entrepreneurial culture. The purpose of this study is to measure the efficiency on the existing resources usage amongst these provinces with stochastic frontier model, through socio-economic and physical indicators in the period of 2008-2015. In this study, it will be determined what are the sources of differences among development level of provinces and whether there is a role of the effective use of resources in the occurrence of these differences. There will also be levels of provinces efficiency based on selected social, economic and physical indicators that affect the level of development. With this study, the literature review will contribute to the provincial developments in regional context, as well as further improvements in individuals’ quality of life.

KEYWORDS Regional Development; Efficiency; Stochastic Frontier Model

JEL R58, C01, R1