

DETERMINANTS OF THE AGRICULTURAL PRODUCTIVITY GROWTH AMONG ROMANIAN REGIONS

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Abstract:

Productivity is the synthetic expression of the efficiency with which production factors are being used and matters the competitiveness of economic systems. This study aims to analyze agricultural productivity growth among Romanian regions. To identify the factors that influenced agricultural labour productivity in terms of the territorial profile, we used a factor analysis model for the Farm net value added indicator on labour time unit. The evaluation of total agricultural productivity was performed by using efficiency scores determined with the Data Envelopment Analysis method. The results highlight the determinants of productivity variations in dynamic and territory.

Keywords: agricultural performance, regions, productivity, Data Envelopment Analysis

JEL codes: O11, D24, Q12