

ABSTRACT

Ulfi Diah Ayu Kirana, The Influence of Labor and Land Area of the Agricultural Sector on the Gross Regional Domestic Product of the Agricultural Sector in Indonesia. Under the guidance of Dr. Kurniyati Indahsari, M.Si.

The purpose of this study is to determine the effect of labor and land area in the agricultural sector on the Gross Regional Domestic Product (GRDP) of the agricultural sector in Indonesia from 2016 to 2019. The study used a quantitative approach with Panel Data Regression Analysis Techniques through classical assumption tests and statistical significance tests, with the help of software in the form of Stata 14. The data used in this study is data on Gross Regional Domestic Product at constant prices, labor in the agricultural sector (food crops sector, horticulture sector, plantation sector, livestock sector) and land area in the agricultural sector (ricefield, garden, and farmland) for all provinces in Indonesia from 2016 to 2019 sourced from the official website of the Indonesian Central Statistics Agency and the Indonesian Ministry of Agriculture. The results showed the best model that chosen was the Random Effect Model (REM). Partially, the labor variable has a significant effect on the Gross Regional Domestic Product in the agricultural sector, while the land area variable has no significant effect on the Gross Regional Domestic Product in the agricultural sector. Simultaneously or together, the variables of labor and land area of the agricultural sector affect the Gross Regional Domestic Product of the agricultural sector. The value of the determinant coefficient R^2 shows that the independent variable is able to explain the dependent variable of the Gross Regional Domestic Product of the Agricultural Sector by 72.28%, the rest is explained by other factors outside from the predetermined regression model.

Keywords: GRDP, Labor, Land area.

ABSTRAK

Ulfi Diah Ayu Kirana, Pengaruh Tenaga Kerja dan Luas Lahan Sektor Pertanian Terhadap Produk Domestik Regional Bruto Sektor Pertanian Di Indonesia. Di bawah bimbingan Ibu Dr. Kurniyati Indahsari, M.Si.

Tujuan penelitian ini adalah untuk mengetahui pengaruh tenaga kerja dan luas lahan sektor pertanian terhadap Produk Domestik Regional Bruto (PDRB) sektor pertanian di Indonesia tahun 2016 hingga 2019. Penelitian ini menggunakan pendekatan kuantitatif dengan Teknik Analisis Regresi Data Panel melalui uji asumsi klasik dan uji signifikansi statistik, dengan bantuan software berupa Stata 14. Data yang digunakan dalam penelitian ini adalah data Produk Domestik Regional Bruto atas dasar harga konstan, tenaga kerja sektor pertanian (sektor tanaman pangan, sektor hortikultura, sektor perkebunan, sektor peternakan) dan luas lahan sektor pertanian (lahan sawah, lahan tegal/kebun, lahan ladang/huma) seluruh Provinsi di Indonesia tahun 2016 hingga 2019 yang bersumber dari situs resmi Badan Pusat Statistik Indonesia dan Kementerian Pertanian Indonesia. Hasil penelitian menunjukkan model terbaik yang terpilih yaitu model Random Effect Model (REM). Secara parsial, variabel tenaga kerja berpengaruh signifikan terhadap Produk Domestik Regional Bruto sektor pertanian sedangkan variabel luas lahan tidak berpengaruh signifikan terhadap Produk Domestik Regional Bruto sektor pertanian. Secara simultan atau bersama-sama, variabel tenaga kerja dan luas lahan sektor pertanian mempengaruhi Produk Domestik Regional Bruto sektor pertanian. Nilai koefisien determinan R^2 menunjukkan variabel independen mampu menjelaskan variabel dependen Produk Domestik Regional Bruto Sektor Pertanian sebesar 72.28%, sisanya dijelaskan oleh faktor lain diluar model regresi yang telah ditentukan.

Kata kunci : PDRB, Tenaga Kerja, Luas lahan.