

**ANALISIS DETERMINAN OUTPUT INDUSTRI MANUFAKTUR DAN  
*TOTAL FACTOR PRODUCTIVITY* DI INDONESIA**

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**ABSTRAK**

Penelitian ini bertujuan untuk menguji adanya pengaruh tenaga kerja, modal, bahan baku, dan konsumsi listrik selama periode 2012-2015 terhadap output sektor industri manufaktur berdasarkan kode 2 digit. Selain itu, penelitian ini bertujuan untuk menganalisis dan menguji faktor yang mempengaruhi output sektor industri manufaktur dan melihat *Total Factor Productivity*. Metode yang digunakan yaitu regresi data panel dan TFP OLS. Hasil estimasi menunjukkan bahwa tenaga kerja, modal, bahan baku, dan konsumsi listrik berpengaruh signifikan terhadap output sektor industri manufaktur, sedangkan hasil TFP bernilai positif.

**Kata Kunci:** Tenaga Kerja, Modal, Bahan Baku, Konsumsi Listrik, Output Sektor Industri Manufaktur, *Total Factor Productivity*

**DETERMINANT ANALYSIS OF MANUFACTURING AND TOTAL  
FACTOR PRODUCTIVITY INDUSTRY IN INDONESIA**

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***ABSTRACT***

This study aims to examine the influence of labor, capital, raw materials, and electricity consumption during the period 2012-2015 on the output of the manufacturing industry sector based on a 2 digit code. In addition, this study aims to analyze and test the factors that influence the output of the manufacturing industry sector and look at Total Factor Productivity. The method used is panel data regression and TFP OLS. Estimation results show that labor, capital, raw materials, and electricity consumption significantly influence the output of the manufacturing industry sector, while the TFP results are positive.

**Key words:** Labor, Capital, Raw Materials, Electricity Consumption, Manufacturing Industry Output, Total Factor Productivity