

ABSTRAK

ANALISIS NILAI EKSPOR BATU BARA INDONESIA DENGAN MENGUNAKAN MODEL GRAVITASI

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Penelitian ini bertujuan untuk membuktikan apakah variabel PDB Indonesia, PDB negara mitra dagang, jarak, inflasi, dan nilai tukar rill pada model gravitasi terbukti signifikan dalam menjelaskan nilai ekspor batu bara Indonesia dalam jangka panjang dan jangka pendek. Penelitian ini menggunakan nilai ekspor batu bara Indonesia sebagai variabel dependen, sementara variabel independen meliputi PDB Indonesia, PDB negara mitra dagang Indonesia, jarak, inflasi, dan nilai tukar rill. Jenis data yang digunakan dalam penelitian ini adalah data sekunder berupa data *time series*, dengan periode waktu 2010 Q4 – 2019 Q4. Metode analisis yang dipergunakan dalam penelitian ini adalah *Error Corection Model (ECM)*, yang diolah pada program *Eviews 9*. Hasil dari penelitian ini menunjukkan bahwa PDB Indonesia, PDB negara mitra dagang Indonesia, jarak, inflasi, dan nilai tukar rill berpengaruh secara signifikan terhadap nilai ekspor batu bara Indonesia.

Kata kunci: Ekspor Batu Bara, PDB Indonesia, PDB Negara Mitra Dagang, Jarak, Inflasi, Nilai Tukar Rill, *Error Corection Model (ECM)*.

ABSTRACT

ANALYSIS OF THE VALUE OF INDONESIAN COAL EXPORTS USING THE GRAVITY MODEL

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This study aims to prove whether the variables of Indonesia's GDP, GDP of trading partner countries, distance, inflation, and the real exchange rate in the gravity model prove significant in explaining the value of Indonesia's coal exports in the long and short term. This study uses the value of Indonesian coal exports as the dependent variable, while the independent variables include Indonesia's GDP, GDP of Indonesia's trading partner countries, distance, inflation, and the real exchange rate. The type of data used in this study is secondary data in the form of time series data, with a time period of 2010 Q4 – 2019 Q4. The analytical method used in this study is the *Error Correction Model (ECM)*, which is processed in the Eviews 9 program. The results of this study indicate that Indonesia's GDP, GDP of Indonesia's trading partner countries, distance, inflation, and the real exchange rate have a significant effect on the value of Indonesian coal exports.

Keywords: Coal Exports, Indonesia's GDP, GDP of Trading Partner Countries, Distance, Inflation, Real Exchange Rates, *Error Correction Model (ECM)*.