

THE EFFECTS OF BRENT SPOT OIL VARIATION ON MACROECONOMICS INDICATORS: CASE STUDY FOR FIVE EUROPEAN COUNTRIES

Author **Bogdan Ion BOLDEA**

West University of Timisoara , bogdan.boldea@e-uvt.ro [ORCID: 0000-0002-9731-4625](https://orcid.org/0000-0002-9731-4625)

Author **Costin Radu BOLDEA**

University of Craiova , cboldea@info.ucv.ro [ORCID: 0000-0002-7688-563X](https://orcid.org/0000-0002-7688-563X)

Abstract:

This paper was purposed to analyses the correlation between Brent Spot Oil price per barrel and the following macroeconomic indicators: Gross Domestic Product, Balance of Payments, Balance of Trade and Net Exports, for the each of the following countries Romania, Germany, France, Italy, and Spain. We did a comparison between the countries indicators in order to examine how they are related and make a correlation of their evolution from 1971 to 2021. The Pearson's coefficient was used in order to identify whether the correlation is positive or negative, and if there is a connection between them or not. In addition, we ran a linear regression for each country independently to see what kind of relationship there is between current Brent Spot Oil price/barrel and the selected macroeconomic indicators.

Keywords: Financial stability, GDP, Balance of Trade, Balance of Payments, Regression analysis

JEL codes:: Q41, G41