

Experimental Evaluation of Most Sustainable Companies: Impact on Economic Growth, Return on Equity (ROE) and Methodological Comparison

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Abstract : Companies have a significant impact on the environment and society, and sustainability is important not only for ethical concerns but also for financial and economic reasons. The aim of the study is to analyze how the sustainable performance of the company impacts the economy and the business's economic performance. To achieve this goal, such methods as the Pearson correlation, Multiple Linear Regression, Cook's distance method, K-nearest neighbor and COPRAS technique were implemented. The results revealed that there is no significant correlation between different indicators of sustainable development of the company and both GDP and Return on Equity. It indicates that the methodology of evaluating sustainability causes the difference in ranking companies based on sustainable performance.

Keywords : economic impact, sustainability evaluation, sustainable companies, economic indicators, sustainability, GDP, return on equity

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