
Corporate Efficiency in Iranian Cement Industry: A Stochastic Frontier Analysis

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Abstract Today, to increase economic growth due to limited factors of production, there is no choice except improving the efficiency and productivity and important steps to do this, precision measurements of the indices. In this study we decided to measure the efficiency and productivity of cement companies listed on the Tehran Stock Exchange in the period 1389-1392 according to the latest available data make this practical step. This research is descriptive research that tries to describe the relationships between variables (dependent and independent) are using statistical tests. The objective of the study is applied. Productivity calculations with parametric methods (econometrics) frontier using software SFA. Was 4, eviws 7. The results of the analysis indicate that there is a meaningful relationship between ratio of debt to assets and concentration of ownership the lack of efficiency or productivity. But there is no relationship between size and efficiency.

Keywords : Keywords: Efficiency, stochastic frontier production function, company size, leverage, concentration of ownership

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