

Analysis of small and medium enterprises as stabilizers of economy

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Abstract: The paper describes the dependence of development of selected indicators of small and medium-sized enterprises on the stock exchange index PX. The aim of this paper is to analyze the dependence of GDP and SMEs, which is expected, and then confirm or refute the possibility of the existence of dependence of SMEs and the stock exchange index. As an indicator of SMEs, an indicator of performance of SMEs is included in this paper. The index of PX Prague Stock Exchange, Inc. has been selected as a stock index suitable for analyses. The method of regression and correlation analyses has been used in this paper, specifically the regression method of least squares. The statistical significances of coefficients have been verified and the entire quantified model is statistically significant at a significance level of 5%.

Keywords: small and medium-sized enterprises, the PX index, GDP performance of SMEs, regression analysis, correlation.

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