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(In the Field of Agriculture economic)

The Impact of Environmental Risk on Economic Value Added in the Food and Sugar Industry

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Abstract

The aim of this study was to investigate the effect of environmental risk on economic value added in the food and sugar industry during the period 1390-1397. In this research using past information related to statistical sample companies, environmental risk and its main components were examined as an independent variable and economic value added as a dependent variable. In this research a multivariate linear regression model has been used to test the hypotheses. The statistical method used in research is panel data method. In this study Eviews software was used to test the hypotheses. The results showed that the effect of economic risk on value added of companies in the sugar group of the Tehran Stock Exchange was equal to -21217 which is statistically significant ($p < 0/05$). In other words with the increase of one unit of economic risk in the period under study value added has decreased by 21217 units. The effect of market risk on value added of Tehran Stock Exchange is equal to -23243 which is statistically significant ($p < 0/05$).

In other words with an increase of one unit of economic risk in the studied period the added value has decreased by 21217 units. The impact of market risk on the value of sugar and sugar group companies is equal to -23243 which is statistically significant. In other words with an increase of one unit the added value market risk has decrease by 23243 units.

Keywords: Keywords : Environmental risk ; Economic added value ; Data panel