
Efficiency measurement of Iran Chamber of Commerce branches using

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This research has been conducted in order to measure the efficiency of 34 branches of Iran Chamber of Commerce, Industries, Mines and Agriculture. Since Iran Chamber of Commerce plays a leading role in the economy and free trade, and it is known as the most vital pillar of the private sector, it is definitely of vital importance to indicate the decisive factors which affect on their efficiency. The emphasis of this survey is on the effect of inputs and outputs on the efficiency of all 34 branches of Iran Chamber of Commerce across the country; therefore, data envelopment analysis (DEA) was chosen to meet this importance. Initially, the efficiency of Commerce Chambers was measured by using a none-gravitation DEA model with bad output, and then SBM model was used to rank all the decisive factors. Secondly, by using BCC output-oriented model and AIMMS software, the rank of decisive factors was identified. Finally, the ranking of all 34 distinctive branches of Iran Chamber of Commerce was indicated by plying logistic regression and SPSS software, and sorted out by GAMS software and SBM Model.

Keywords : DEA Chamber commerce data envelopment analysis efficiency

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