

EconWorld2017@Rome

Efficiency Measurement of the Turkish Leading Banks by Using Data Envelopment Analysis

Deniz Giz¹, Suat Karagöz¹¹University of Istanbul, Turkey

ABSTRACT

Data Envelopment Analysis is a method based on linear programming and used to evaluate the relative effectiveness of decision making units which are responsible for setting the inputs or outputs by using similar outputs. In this paper, the relative efficiency of Turkish Banks measured according to five main indicators in 2013, 2014 years. Ten leading banks which ranked at top ten largest banks according to asset size, used in this study. Efficiency concept divided into two groups; Organisational Efficiency and Pricing Efficiency defined by input and output variables. To solve the models DEA Solver™ software was used.

KEYWORDS Data Envelopment Analysis; Efficiency; Performance; Financial Sector