

The Application of Data Envelopment Analysis in Higher Education

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Abstract

How to evaluate the performance of higher and consider the optimal resource allocation problem at the same time has been a subject of lasting interest for the management scientist. This paper presents the Data Envelopment Analysis (DEA) methodology in the measurement of higher education's operational efficiency. By modifying the original DEA model, we have arrived at a new model, which endows the DEA approach with the ability of resource allocation and target resetting. A numerical example is solved to show the effectiveness of the proposed approach.

Keywords: Data Envelopment Analysis, Higher Education, Efficiency Evaluation, Resources Allocation.
