

Towards a Framework for Evaluating Scientific Efficiency of World-Class Universities

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Abstract : Evaluating the efficiency of decision making units has been frequently elaborated on in numerous publications. In this paper, the theoretical framework for a novel method of Distance Based Analysis (DBA) is presented. In addition, the method is performed on a sample of the ARWU's top 54 Universities of the United States, the findings of which clearly demonstrate that the best ranked Universities are far from also being the most efficient.

Keywords : evaluating efficiency, distance based analysis, ranking of universities, ARWU

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