Accepted Manuscript

Average Lexicographic Efficiency for Data Envelopment Analysis

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PII: S0305-0483(16)30154-2
DOI: 10.1016/j.omega.2017.01.008
Reference: OME 1750

To appear in: *Omega*

Received date: 25 April 2016
Revised date: 17 January 2017
Accepted date: 18 January 2017

Please cite this article as: Haoxun Chen , Average Lexicographic Efficiency for Data Envelopment Analysis, *Omega* (2017), doi: 10.1016/j.omega.2017.01.008

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Highlights

- A new efficiency evaluation approach is proposed for Data Envelopment Analysis
- This approach is based on lexicographical evaluations of decision-making units
- It provides a unique evaluation of the efficiency of each decision-making unit
- It is fair in some sense as the Shapley value for cooperative games
- An efficient algorithm for calculating the new efficiency measure is proposed

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