Accepted Manuscript

Objective identification of technological returns to scale for data envelopment analysis models

Mohammadreza Alirezaee , Ensie Hajinezhad , Joseph C. Paradi

PII: S0377-2217(17)30929-3
DOI: 10.1016/j.ejor.2017.10.016
Reference: EOR 14740

To appear in: *European Journal of Operational Research*

Received date: 3 December 2016
Revised date: 5 October 2017
Accepted date: 10 October 2017

Please cite this article as: Mohammadreza Alirezaee , Ensie Hajinezhad , Joseph C. Paradi , Objective identification of technological returns to scale for data envelopment analysis models, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.10.016

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- This study focuses on the determination of the technological returns to scale.
- This problem is a key factor in calculating the efficiency scores.
- We propose the Angles method using a data mining structure for this problem.
- For the validation of the Angles method, we examine 6 one input/one output cases.
- Also, we test the proposed method using real world data of a major Canadian Bank.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6895181

Download Persian Version:

https://daneshyari.com/article/6895181

Daneshyari.com