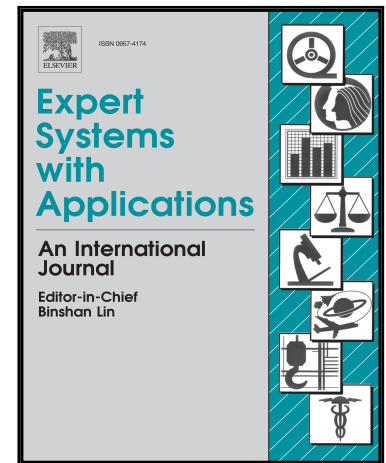


Accepted Manuscript

Three-stage performance modeling using DEA-BPNN for better practice benchmarking

He-Boong Kwon , Jon H. Marvel , James Jungbae Roh

PII: S0957-4174(16)30631-5
DOI: [10.1016/j.eswa.2016.11.009](https://doi.org/10.1016/j.eswa.2016.11.009)
Reference: ESWA 10980



To appear in: *Expert Systems With Applications*

Received date: 14 January 2016
Revised date: 30 September 2016

Please cite this article as: He-Boong Kwon , Jon H. Marvel , James Jungbae Roh , Three-stage performance modeling using DEA-BPNN for better practice benchmarking, *Expert Systems With Applications* (2016), doi: [10.1016/j.eswa.2016.11.009](https://doi.org/10.1016/j.eswa.2016.11.009)

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.

Highlights

- DEA stratification and grouping of DMUs to form hierarchical frontiers
- BPNN learning of efficiency patterns and classification of frontiers
- BPNN prediction of incremental improvement outputs
- The three-stage model for innovative '*better practice benchmarking*'
- Empirically validated by using healthcare data.

Download English Version:

<https://daneshyari.com/en/article/4943553>

Download Persian Version:

<https://daneshyari.com/article/4943553>

[Daneshyari.com](https://daneshyari.com)