

Accepted Manuscript

A new decision-making approach for multiple criteria sorting with an imbalanced set of assignment examples

Jiapeng Liu, Xiuwu Liao, Wei Huang, Jian-bo Yang

PII: S0377-2217(17)30670-7
DOI: [10.1016/j.ejor.2017.07.043](https://doi.org/10.1016/j.ejor.2017.07.043)
Reference: EOR 14593



To appear in: *European Journal of Operational Research*

Received date: 8 November 2016
Revised date: 11 July 2017
Accepted date: 13 July 2017

Please cite this article as: Jiapeng Liu, Xiuwu Liao, Wei Huang, Jian-bo Yang, A new decision-making approach for multiple criteria sorting with an imbalanced set of assignment examples, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.07.043](https://doi.org/10.1016/j.ejor.2017.07.043)

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

- Multiple criteria sorting with imbalanced set of assignment examples is addressed.
- Clustering analysis and linear programming are used to identify active reference alternatives.
- A balancing algorithm is developed to balance active reference alternatives across categories.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895307>

Download Persian Version:

<https://daneshyari.com/article/6895307>

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