

Accepted Manuscript

Biobjective robust optimization over the efficient set for Pareto set reduction

Daniel Jornada, V.Jorge Leon

PII: S0377-2217(16)00046-1
DOI: [10.1016/j.ejor.2016.01.017](https://doi.org/10.1016/j.ejor.2016.01.017)
Reference: EOR 13461



To appear in: *European Journal of Operational Research*

Received date: 18 November 2014
Revised date: 11 January 2016
Accepted date: 12 January 2016

Please cite this article as: Daniel Jornada, V.Jorge Leon, Biobjective robust optimization over the efficient set for Pareto set reduction, *European Journal of Operational Research* (2016), doi: [10.1016/j.ejor.2016.01.017](https://doi.org/10.1016/j.ejor.2016.01.017)

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

- We present a biobjective formulation for identifying robust solutions from a given Pareto set
- Solutions are mapped onto a 2-dimensional space, termed the robustness space
- Structural properties and a solution algorithm are developed for the case of multiobjective linear programs
- The methodology enables dealing with both discrete and continuous Pareto sets

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895730>

Download Persian Version:

<https://daneshyari.com/article/6895730>

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