

## Accepted Manuscript

Strategic facility location, capacity acquisition, and technology choice decisions under demand uncertainty: robust vs. non-robust optimization approaches

Aldis Jakubovskis

PII: S0377-2217(17)30052-8  
DOI: [10.1016/j.ejor.2017.01.017](https://doi.org/10.1016/j.ejor.2017.01.017)  
Reference: EOR 14198



To appear in: *European Journal of Operational Research*

Received date: 15 October 2015  
Revised date: 7 January 2017  
Accepted date: 10 January 2017

Please cite this article as: Aldis Jakubovskis, Strategic facility location, capacity acquisition, and technology choice decisions under demand uncertainty: robust vs. non-robust optimization approaches, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.01.017](https://doi.org/10.1016/j.ejor.2017.01.017)

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**

- Implemented robust optimization model for technology choice in spatial setting
- Compared robust solutions to non-robust solutions for different capacity types
- Examined combined economies of scale and scope effects using robust optimization
- Suggested that robust solutions vs. non-robust ones exhibit risk pooling behavior

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4959685>

Download Persian Version:

<https://daneshyari.com/article/4959685>

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