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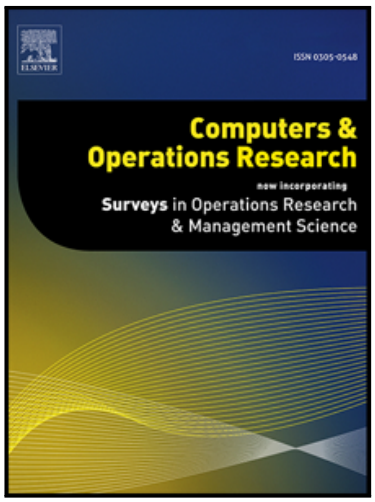

A computational study of the general lot-sizing and scheduling model under demand uncertainty via robust and stochastic approaches

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Highlights

- We present the General Lot-Sizing and Scheduling Problem under uncertainty
- For the first time, we study a budget-uncertainty set robust optimization model
- A scenario-based two-stage stochastic programming model is also analyzed
- The benefit of each approach is assessed via a Monte Carlo simulation procedure
- We provide guidelines to select the most suitable model based on managers' preferences

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