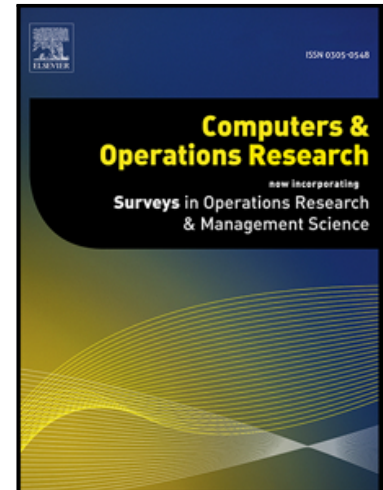


Accepted Manuscript

New solution approaches for the Capacitated Supplier Selection Problem with Total Quantity Discount and Activation Costs under Demand Uncertainty

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PII: S0305-0548(18)30229-6
DOI: <https://doi.org/10.1016/j.cor.2018.08.010>
Reference: CAOR 4546



To appear in: *Computers and Operations Research*

Received date: 6 December 2017
Revised date: 27 July 2018
Accepted date: 17 August 2018

Please cite this article as: Daniele Manerba, Guido Perboli, New solution approaches for the Capacitated Supplier Selection Problem with Total Quantity Discount and Activation Costs under Demand Uncertainty, *Computers and Operations Research* (2018), doi: <https://doi.org/10.1016/j.cor.2018.08.010>

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Highlights

- We study a long-term multi-supplier multi-product procurement problem
- Total Quantity Discounts, demand uncertainty, and activation costs are considered
- A Progressive Hedging based heuristic approach and a Benders algorithm are proposed
- We outperform existing methods and state-of-the-art solvers on benchmark instances
- Instances with up to 20 suppliers and 30 products are solved for the first time

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