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Multi-objective Optimisation in Inventory Planning with Supplier Selection

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Highlights

- Proposed a two-stage integrated approach for rating suppliers and allocating orders.
- It is the first time, MOEAs are used to solve an integrated two stage fuzzy SCM problem.
- NSGA-II, SPEA-II and IBEA are evaluated.
- NSGA-II performance is better than other algorithms over 24 instances.

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