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Joint Dynamic Pricing and Lot-Sizing under Competition

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#### ACCEPTED MANUSCRIPT

### Highlights

- We study joint pricing and lot-sizing decisions in competitive environments
- Firms make dynamic pricing decisions by selecting prices from a discrete set
- Computing Nash Equilibrium in a tractable time is not feasible for larger instances
- We make faster computations by deriving properties of the stability of pricing
- Our results show the advantages of dynamic pricing and modeling competition

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