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A framework for configuring collaborative filtering-based recommendations derived from purchase data

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PII: S0377-2217(17)30632-X
DOI: 10.1016/j.ejor.2017.07.005
Reference: EOR 14555

To appear in: *European Journal of Operational Research*

Received date: 30 October 2015
Revised date: 7 December 2016
Accepted date: 4 July 2017

Please cite this article as: Stijn Geuens , Kristof Coussement , Koen W. De Bock , A framework for configuring collaborative filtering-based recommendations derived from purchase data, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.07.005

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Highlights

- A decision framework to evaluate collaborative filtering algorithms is created.
- Realistic binary purchase data sets are simulated and varied on 3 input properties.
- 22 collaborative filtering algorithm variations are assessed for each data set.
- Regarding accuracy, one configuration dominates independent from input properties.
- Regarding diversity and computing time, best algorithms are affected by the input.

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