Accepted Manuscript

A Multi-latent Transition Model for Evolving Preferences in Recommender Systems

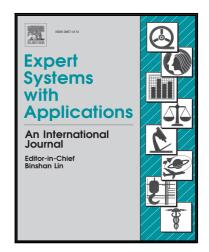
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PII: S0957-4174(18)30178-7 DOI: 10.1016/j.eswa.2018.03.033

Reference: ESWA 11880

To appear in: Expert Systems With Applications

Received date: 24 October 2017 Revised date: 12 February 2018 Accepted date: 19 March 2018



Please cite this article as: D. Rafailidis, A Multi-latent Transition Model for Evolving Preferences in Recommender Systems, *Expert Systems With Applications* (2018), doi: 10.1016/j.eswa.2018.03.033

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Highlights

- We capture user preferencesą́r dynamics based on a multi-latent analysis
- We design a joint objective function and we propose an efficient optimization algorithm
- We evaluate our method on 2 extended benchmark datasets that span 3 and 4.5 years
- Our model outperforms baselines for users with stable and dynamic preferences
- \bullet The extended datasets of Movie Lens-1M and Last.fm-1K are made publicly available

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