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

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Highlights

- We capture user preferences and 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
- The extended datasets of MovieLens-1M and Last.fm-1K are made publicly available

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