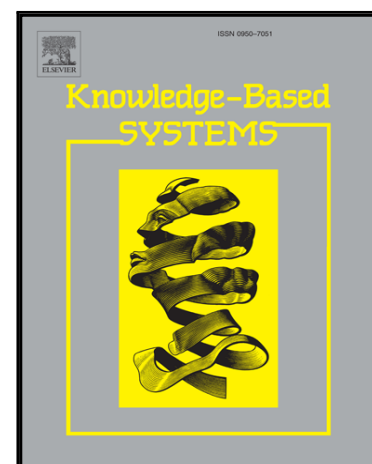


Mixed Similarity Learning for Recommendation with Implicit Feedback

Mengsi Liu, Weike Pan, Miao Liu, Yaofeng Chen, Xiaogang Peng,
Zhong Ming

PII: S0950-7051(16)30504-4
DOI: [10.1016/j.knosys.2016.12.010](https://doi.org/10.1016/j.knosys.2016.12.010)
Reference: KNOSYS 3761



To appear in: *Knowledge-Based Systems*

Received date: 13 June 2016
Revised date: 8 December 2016
Accepted date: 9 December 2016

Please cite this article as: Mengsi Liu, Weike Pan, Miao Liu, Yaofeng Chen, Xiaogang Peng, Zhong Ming, Mixed Similarity Learning for Recommendation with Implicit Feedback, *Knowledge-Based Systems* (2016), doi: [10.1016/j.knosys.2016.12.010](https://doi.org/10.1016/j.knosys.2016.12.010)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- We study an important recommendation problem with implicit feedback from the perspective of item similarity.
- We exploit the complementarity of the predefined similarity and the learned similarity via a novel mixed similarity model.
- We develop a novel recommendation algorithm, i.e., pairwise factored mixed similarity model (P-FMSM), based on the mixed similarity and pairwise preference assumption.
- We showcase the effectiveness of P-FMSM as compared with several state-of-the-art methods on four public datasets.

Download English Version:

<https://daneshyari.com/en/article/4946409>

Download Persian Version:

<https://daneshyari.com/article/4946409>

[Daneshyari.com](https://daneshyari.com)