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A trust-based recommendation method using network diffusion processes

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*Highlights (for review)

Highlights

- A trust-based CosRA+T method is proposed by scaling trusted users' resources before the redistribution.
- The optimal scaling for the best recommendation accuracy is found across several metrics and datasets.
- CosRA+T has a remarkable improvement as suggested by extensive experiments on two real-world datasets.
- Some insights into the mechanisms of the proposed and benchmark methods are suggested.