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Abstract

Large information repositories as digital libraries, onlinopes,etc., ely on a tamonCom13(y)4(of t)4(h)-2(e)8(,)6(b)4(ject)4(s,)6
report on an in-situ experiment with the Bibster community that shows the performance improvements over non-personalized recommendations.

1 Introduction and Related Work

Large information repositories as digital libraries, online shops, etc. rely on a taxonomy of the objectsTEeod(e)8r -

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In our scenario we use th ACM Topic Hi arc as the domain ontology. This topic hierarchy describes specific categories of literature for the Computer Science domain. It covers large areas of computer science, containing over 1287 topics ordered using taxonomic relations, e.g.:
SubTopic(Artificial_Intelligence, Knowledge_Representation_Formalisms)

recommended to be removed. (Please note that adding a to

$$\text{profit(E)} := \frac{\sum_{(e,\hat{E})\in \mathrm{E}} \sum_{\hat{e}\in \hat{E}} \text{cost}(e,\hat{e})}{|\mathrm{E}|} = recall(E) - error(E)$$

Table 1: Evaluation Profit Matrix

Recomm	**34.39**	**Tm(c)**	**T1.0T1.0**

References

Balabanovi Í, M. & Shoham, Y. (1997). Fab - content-based, collaborative recommendation. *CACM*, 40(3):66–72,.