have some limitations.

Knowledge-based recommendation algorithm results do not change according to the needs of learners, which largely affect the recommended precision.

The rule-based recommendation algorithm is a key step abstract association rules, and the association rules extraction is carried out on the basis of the analysis in the data. The recommendation results' personalization is low and not easy to have surprises on users.

To sum up, only used one or two recommendation algorithms cannot satisfy the user requirements, and cannot get the expected result. Such as Table 2:

Conclusion

The simple way to judge the pros and cons of an algorithm is to look at the difference between prediction result and score results of learners. Through the comparison of the above several kinds of recommendation algorithm, it is not difficult to find citing a single one recommendation algorithm in the educational resources platform will have some problems. So, if want to provide quality and efficient recommendation for learners, must be apply several kinds of recommendation algorithm, combined with its own attributes and characteristics of the educational resources platform. Only a variety of recommendation algorithms learn from each other to avoid their own problems to recommend a learner satisfaction of learning resources.

Acknowledgement

In this paper, the research was sponsored by Department of Educational Technology of Capital Normal University.

References

[1] Xiang Liang, Recommended Practice [M]. People's Posts and Telecommunications Press.
[2] Zeng Haijun and so on. Online Education Resources Construction and Sharing Based on the Excellent Course Evaluation Index [J].Distance Education in China, 2007, vol.10. pp:47-52.
[3] Shang Yakun, Beijing Higher Education Resource Sharing Problem Research [D]. Beijing: China Geological University, 2008.
[4] Educational Resources Construction Technical Specifications CELTS-31 (2002).
[5] Wu Zhonglin, Higher Network Educational Resources Construction Research [D].Liaoning: Dalian University of Technology, 2005.
[6] Li Jiahou and so on. American Education Resource Portal and Its Enlightenment on China Education Resources Construction [J]. E-education Research,2003,vol.08.pp:66-71.
[7] Huang Qin, Web Data Mining Research and Its Application in the Network Learning Personalized Recommendation [D].Hunan: Hunan University, 2004.
[8] Yu Li, E-commerce Personalization: Theory, Methods and Applications [M]. Tsinghua university press, 2007.
[9] Yu Xiaogao, E-commerce Intelligent Recommendation System Research [M]. Hubei people press,2012.
[10] Joseph A. Konstan, John Riedl, How Amazon and Netflix predict your preferences and prod you to purchase [J].2012-10.