



Fig. 2: Algorithm execution time under different data volume

Conclusion: The improved algorithm can improve the efficiency and accuracy of dynamic database of recommended. This is a new association rules discovery algorithm applies to web log mining; it enables real-time dynamic database mining. The algorithm can find minimum rules between rare pages for its support targeted pages. Experiments show that this algorithm have advantage performance on the timeliness, accuracy and time overhead than Apriori algorithm.

6. Conclusion

This paper uses association recommendation to achieve page content recommended of 12396 website and improved it from three aspects. Contrast experiments proved that the improvement optimized the effect of recommendation from different aspects. This study was supported by Youth Fund of Beijing Academy of Agriculture and Forestry Sciences Institute. The associated recommendation of 12396 websites should be considered follow-up Hadoop distributed processing, content-based association recommended, website log Statistical Analysis and other functions.

7. References

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