

数値属性を含む多頻度アイテム集合導出手法 “QFIMiner” の統計的改良

The Statistical Improvement of Quantitative Frequent Itemsets Mining “QFIMiner”

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The application fields of basket analysis will be significantly extended, if the datasets including numeric attributes can be directly analysed by the technique. As a preceding research in Osaka University, QFIMiner has been proposed to exhaustively and efficiently mine quantitative frequent itemsets (QFI) from massive quantitative transaction data. In this paper, a novel improvement of the density threshold to QFIMiner is proposed improve the ability of clustering and to reduce its computation time.