ルール群視察ガイドシステム

Rule groups Inspection Guidance System

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The characteristic rule induction usually produces a large number of rules, and it is difficult for a user to inspect all rules.   This paper describes a method to give a priority index to rules based on their supporting instances, and it guides a user to inspect the most useful rule successively.   The priority index is calculated dynamically at each step of rule set inspection using the covered instances by the employed rules, and the resulting rule group obtained gives a concise understanding to the data of the target class.   A GUI system has been developed to guide the survey of rules, which shows a SOM picture of rules that is useful to group the relationships among rules.