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Applying Mutual Information for Discretization to Support the Discovery of Rare-Unusual Association Rule in Cerebrovascular Examination Dataset

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**Highlights**

- A discretization approach based on mutual information concept was proposed.
- This research aims to extract RUARs in accordance with discretization result.
- A large dataset with about 12,000 medical data records is used to generate RUARs.
- Our MID method provides a high coverage ratio of RUARs.
- Graph-based visualization is used to represent RUARs clearly and easily.

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