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Feature Proposal Model on Multidimensional Data Clustering and Its Application

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## Highlights

- We propose a feature proposal model for clustering based on multidimensional Data.
- We propose a feature non-maximum suppression method to achieve dimension reduction.
- We design a grouped weighted feature clustering model for effective classifying.
- Our method achieves comparable performance on several classification datasets.
- Our method can be used in the application of salient object segmentation.

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