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Clustering stability for automated color image segmentation

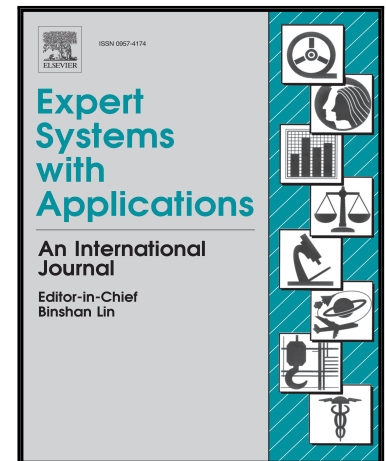
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Highlights

- We propose a clustering validation method (CS) to automatically segment images.
- We adapt CS to detect the best settings for color-texture feature extraction.
- Our method provides a score profile to compare alternative segmentation solutions.
- We test our procedure on textures, color natural images and 3D MRI data.
- Our method outperforms results obtained with other clustering validation indexes

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