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Avaliao de superpixels para segmentao de imagens
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abstract Superpixels are structures that group similar pixels into sets that reflect aspects of the image. This article evaluates the use of SLICO superpixels and partition hierarchy for segmentation. Using neural networks for segmentation, the results of superpixels images with different levels of granularity and untreated images were compared to the ground-truth. The article also evaluates the training time of neural networks for superpixels based images. For training and evaluation, the Berkeley Segmentation Data Set (BSDS500) BSDS500 image was used.