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Building medical image classifiers with very limited data using segmentation networks

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Highlights

- Building medical image classifiers using features from segmentation networks.
- Important for 3D image analysis as ImageNet pre-trained CNNs are unavailable in 3D.
- Tested on 3D brain tumor type and 2D cardiac semantic level classifications.
- Compared to classifiers trained from scratch
- \bullet 82% and 86% accuracies on brain tumor and



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