

Pre-Trained CNN Models Applied to Medical Images

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摘要

This lecture will introduce the use of Pre-Trained CNN model for medical imaging work; the Pre-Trained CNN models were introduced including VGG, ResNet and DenseNet. Medical images were included Mammography, MRI, CT and Sonography. The tasks of Pre-Trained CNN model for medical images were including classification of abnormality, segmentation of tumor, and discrimination of image quality. Through the demo of CNN programs introduce the using and modeling procedure. The participants would expect to understand how to apply the Pre-Trained CNN model for their works.