

Hepato Web App for Classification and Segmentation of Liver Lesions in CT Scans Using EFF Net

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Abstract: *The liver is a large organ situated in the upper right section of the abdomen, located beneath the diaphragm and above the stomach. Liver cancer is a type of cancer that originates in the liver, resulting from uncontrolled cell growth. Computed tomography (CT scan or CAT scan) is a non-invasive imaging technique that integrates x-rays with computer technology. CT scans are essential for diagnosing liver cancer in patients. A cascaded model of convolutional neural networks is employed to segment the liver, while an efficient net is used to detect liver lesions from CT scans. This method achieves an outstanding accuracy of 0.998 for both liver segmentation and liver lesion detection.*

Keywords: CNN, eff net, liver segmentation, lesion segmentation