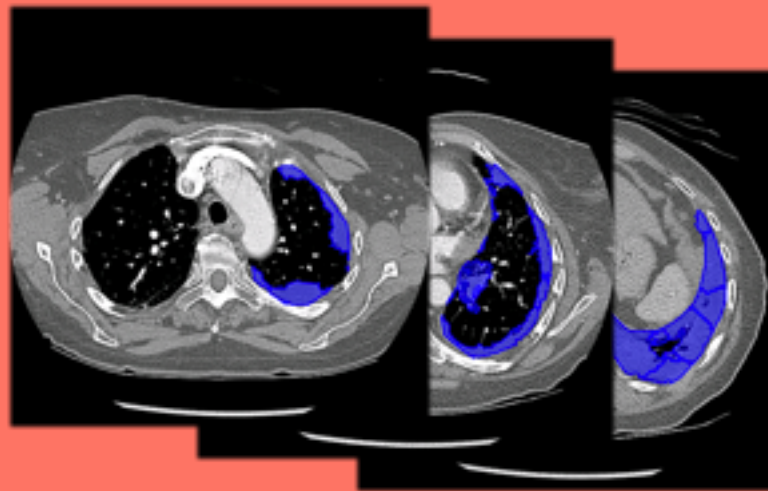


Automated Segmentation of Malignant Pleural Mesothelioma Tumor on CT Scans Using Deep Convolutional Neural Networks (CNNs)

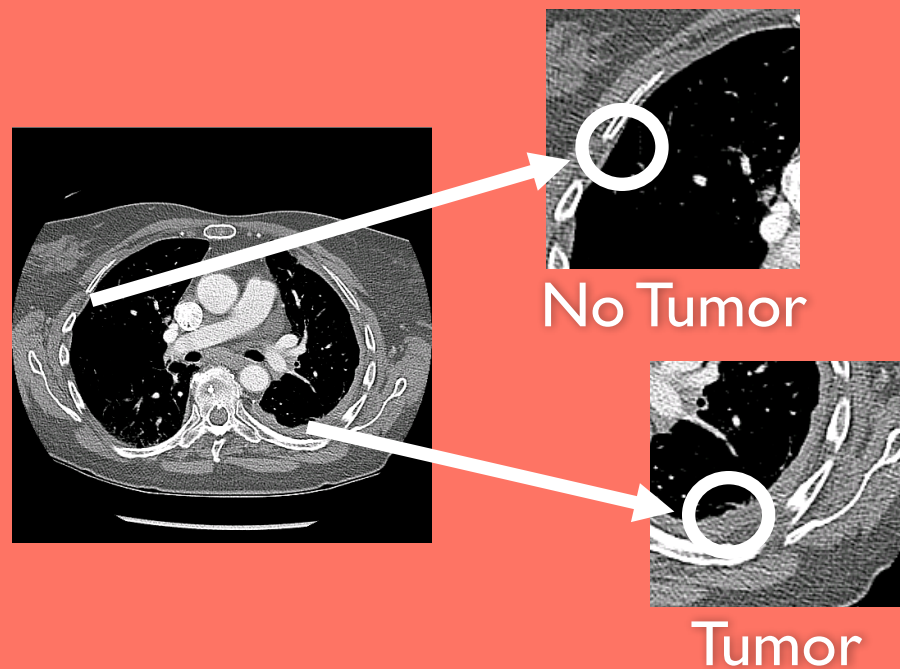
Presenting Author: Eyjólfur Guðmundsson

Tuesday, July 31, 5:00 PM (Computed Tomography I)

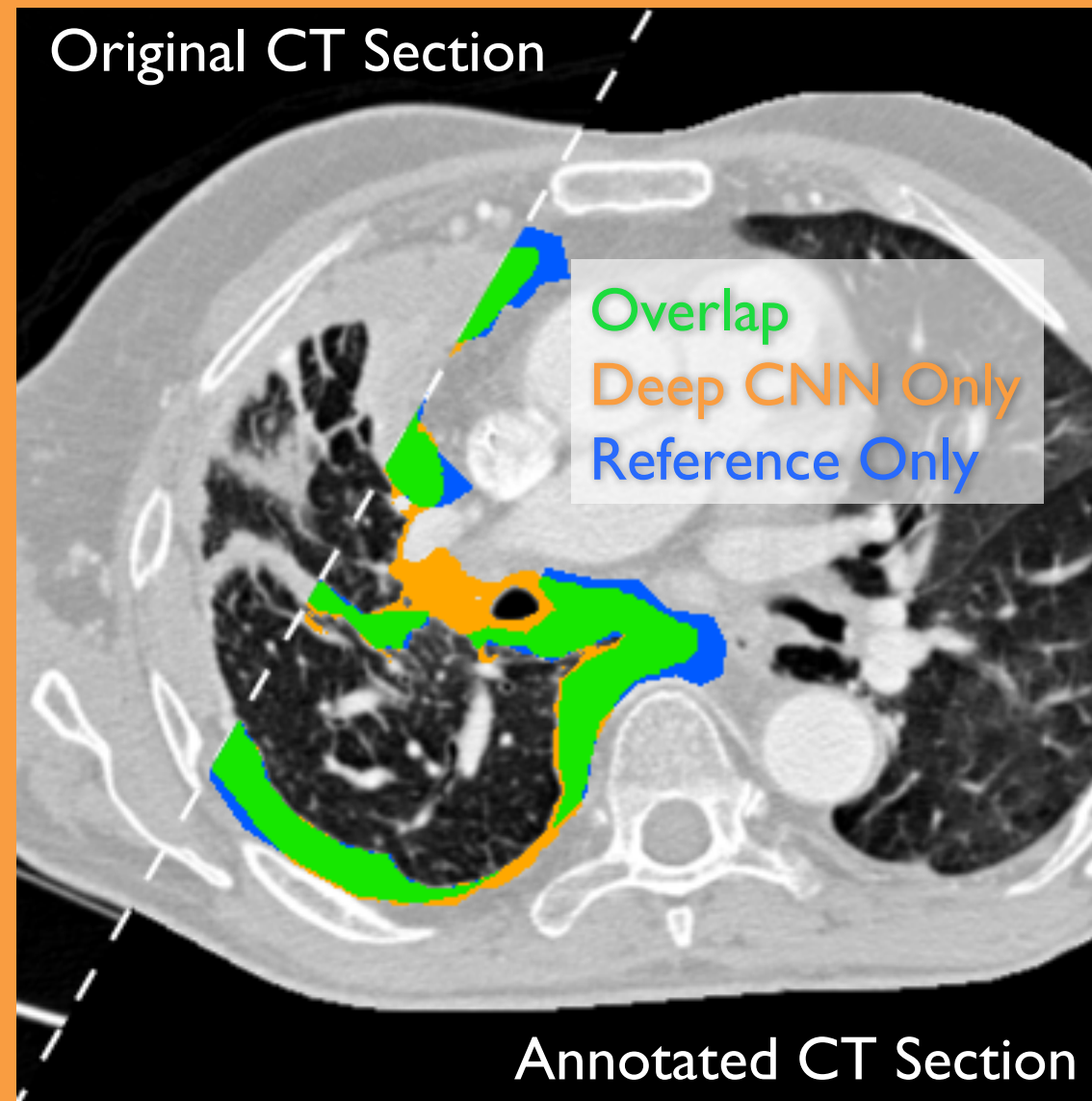
Reference Contours



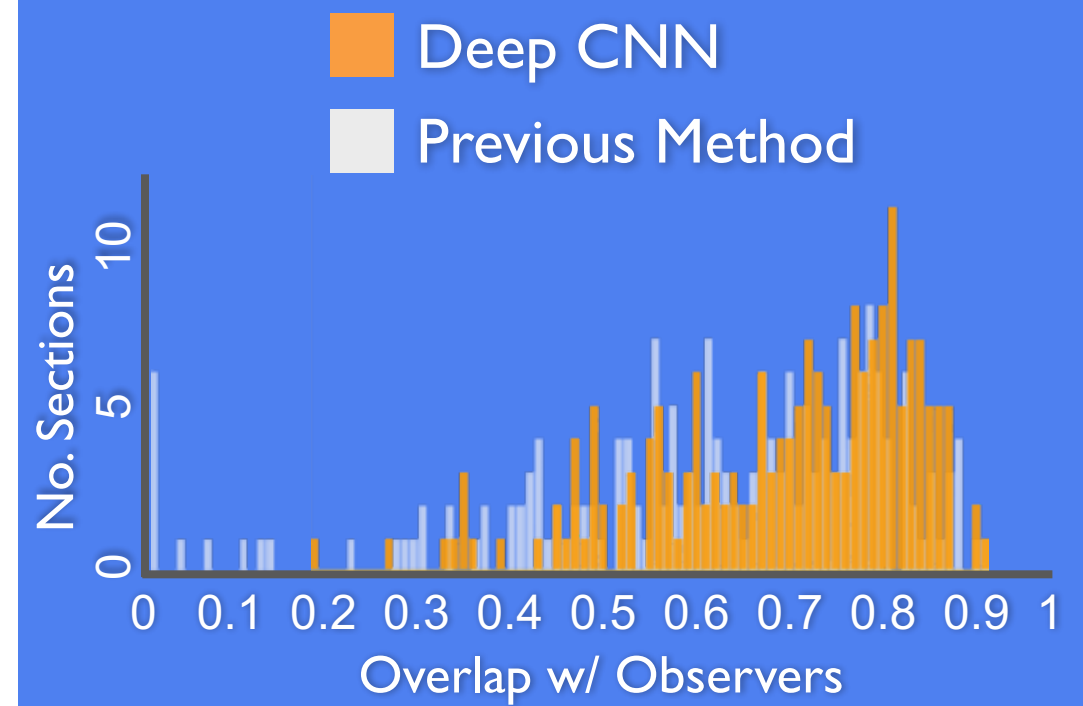
Deep CNNs trained to detect tumor on CT scans



Original CT Section



Annotated CT Section



Significantly higher overlap w/ all three observers on test set of 61 sections when compared with our previous method ($p < 0.001$)