Plain U-net as proposed by Ronneberger et al.[1] with batch-norm and data-augmentation. Training set was a combined set of *VISCERAL anatomy 3*[2] + various cases from clinical routine including diseased lungs (fibrosis, effusion, tumors and trauma patients and others.) The segmentation model considers dense areas such as tumor or effusions as part of the lung field. Such areas were removed via simple thresholding prior to submission.

This model will be made publicly available
http://www.cir.meduniwien.ac.at/team/johannes-hofmanninger/

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1 https://arxiv.org/abs/1505.04597
2 http://www.visceral.eu/closed-benchmarks/anatomy2/