Deep learning framework for lung nodule detection

Our automatic lung nodule detection framework is based on 3D convolutional neural networks. We screen the candidates with the fully convolutional network, and retrieve the high-probability locations as candidates. In false positive reduction, we employ the residual network which can ease the gradients flow within the network.

We are preparing a peer-review paper describing our work. For more details, please contact carrensignin@gmail.com