

We apply fully convolutional neural network with a lot of strategies for automatic prostate segmentation, especially the attention mechanism which is supposed to solve well for the difficulty samples.

Note, our network is a single model instead of ensembling models. All the pre-processing and segmentation and post-processing are fully automatic without user intervention. Flipping is used to augment the training set. As the paper is to be under blind review in a conference, we do not include the details in this document, and the whole publication can be available on November.