

PROSTATE SEGMENTATION USING Z-NET

Abstract

In this work, we proposed a novel architecture of convolutional neural network (CNN), namely Z-net, for segmenting prostate from magnetic resonance images (MRIs). As the paper is to be under blind review, no details are included in this document. It will be refined after publication. In this implementation, we used 2D resize.

1. Key change

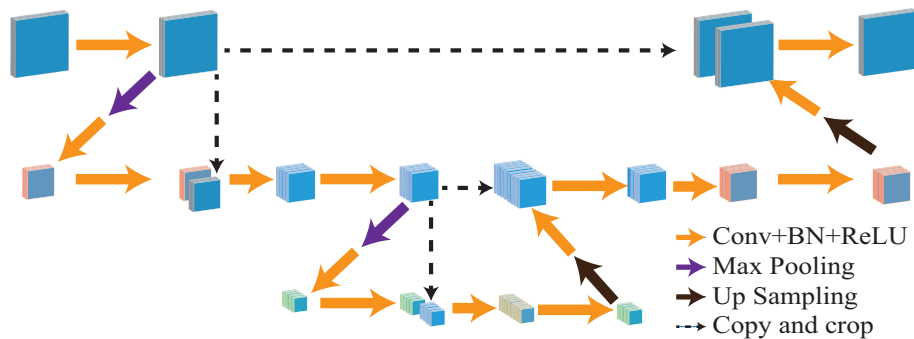


Figure 1: The structure of the Z-net.

References

- [1] O. Ronneberger, P. Fischer, T. Brox, U-net: Convolutional networks for biomedical image segmentation, in: International Conference on Medical image computing and computer-assisted intervention, Springer, 2015, pp. 234–241.