Dense Block and U-net

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Abstract

This document briefly describes techniques we used in automatic segmentation of the prostate in transversal T2 MRI for the PROMISE12 challenge. Our network is based on U-net\textsuperscript{[1]}, which is a classical encoder-decoder net in medical image application. We replace the convolution layer in U-net with a dense block.

1. Network architecture

![Diagram of Dense Block](image)

Figure 1: Dense Block.

References