

Input size: 3x128x128

Convolutional layer with 32 kernels (size=3x3, stride=1x1, padding=0x0, dilation=1x1)

Output size: 32x126x126

Activation: relu

Dropout rate: 0.3

Maximum pooling layer (kernel size=4x4, stride=4x4, padding=0x0, dilation=1x1)

Output size: 32x31x31

Convolutional layer with 64 kernels (size=3x3, stride=1x1, padding=0x0, dilation=1x1)

Output size: 64x29x29

Activation: relu

Dropout rate: 0.3

Average pooling layer (kernel size=29x29, stride=29x29, padding=0x0)

Output size: 64x1x1

Linear layer with 100 neurons

Activation: relu

Dropout rate: 0.5

Linear layer with 50 neurons

Activation: relu

Dropout rate: 0.5

Linear layer with 2 neurons

Output size: 2