

layer 0

Input data [128*128*1]

layer 1

Conv(8*3*3)+ReLU+BN+Pooling(2*2)

layer 2

Conv(16*3*3)+ReLU+BN+Pooling(2*2)

layer 3

Flatten

layer 4

Dense(16)+ReLU+BN+Dropout(0.5)

layer 5

Dense(8)+ReLU

layer 6

Dense(1)+Linear

layer 7

Output [HC]