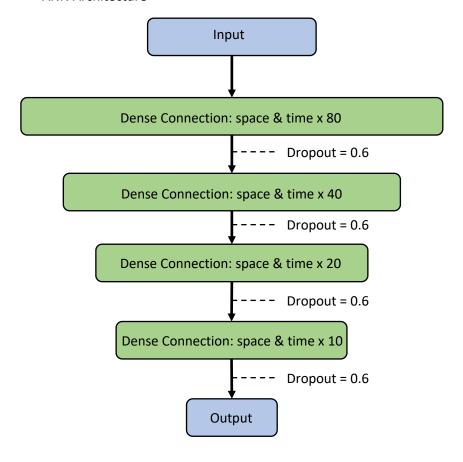


ANN Architecture



Convolutional U-Net Architecture Input Output Conv: time x 98 x 210 x 20 Conv: time x 98 x 210 x 40 **Skip Connection** Conv: time x 98 x 210 x 40 Conv: time x 98 x 210 x 20 Kernel size: 5 x 5 Kernel size: 5 x 5 Kernel size: 3 x 3 Kernel size: 3 x 3 Max Pool: time x 49 x 105 x 40 Up Sample: time x 98 x 210 x 40 Kernel size: 2 x 2 Kernel size: 2 x 2 **Skip Connection** Conv: time x 49 x 105 x 40 Conv: time x 49 x 105 x 80 Conv : time x 49 x 105 x 40 Conv: time x 49 x 105 x 80 Kernel size: 1 x 1 Kernel size: 3 x 3 Kernel size: 3 x 3 Kernel size: 1 x 1 Up Sample: time x 49 x 105 x 80 Max Pool: time x 7 x 15 x 80 Kernel size: 7 x 7 Kernel size: 7 x 7