**CN vs MCIc – X axis**

**Approach 1**

folds=3;

miniBatchSize = 16;

learningRate = 1e-5;

maxEpochs=40;

optimizer='sgdm';

options=trainingOptions(optimizer,...

"MiniBatchSize",miniBatchSize,...

"InitialLearnRate",learningRate,...

'MaxEpochs',maxEpochs,...

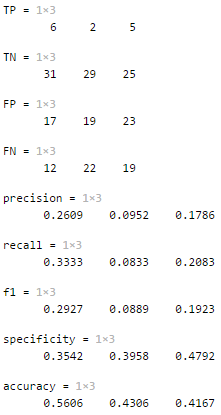
'Shuffle','every-epoch',...

"Verbose",false,...

"L2Regularization", 0.0001,...

"Momentum", 0.889,...

"Plots","training-progress");



Approach 2

folds=3;

miniBatchSize = 64;

learningRate = 1e-4;

maxEpochs=20;

optimizer='sgdm';

options=trainingOptions(optimizer,...

"MiniBatchSize",miniBatchSize,...

"InitialLearnRate",learningRate,...

'MaxEpochs',maxEpochs,...

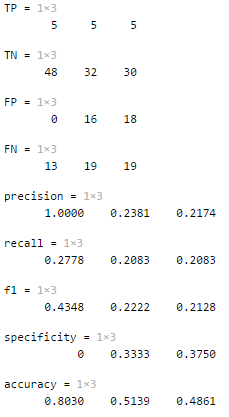
'Shuffle','every-epoch',...

"Verbose",false,...

"L2Regularization", 0.0001,...

"Momentum", 0.889,...

"Plots","training-progress");



Approach 3

folds=3;

miniBatchSize = 64;

learningRate = 1e-4;

maxEpochs=20;

optimizer='sgdm';

options=trainingOptions(optimizer,...

"MiniBatchSize",miniBatchSize,...

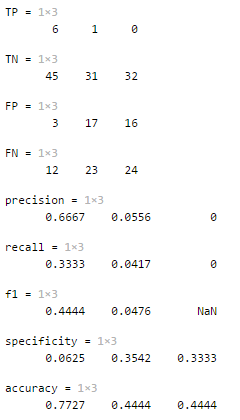
"InitialLearnRate",learningRate,...

'MaxEpochs',maxEpochs,...

'Shuffle','every-epoch',...

"Verbose",false,...

"Plots","training-progress");



Approach 4

folds=3;

miniBatchSize = 64;

learningRate = 1e-4;

maxEpochs=50;

optimizer='sgdm';

options=trainingOptions(optimizer,...

"MiniBatchSize",miniBatchSize,...

"InitialLearnRate",learningRate,...

'MaxEpochs',maxEpochs,...

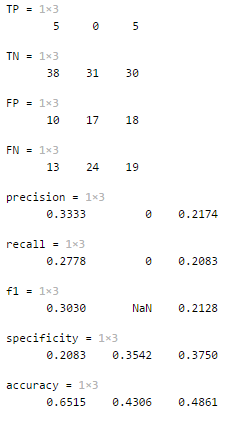
'Shuffle','every-epoch',...

"L2Regularization", 0.0001,...

"Momentum", 0.889,...

"Verbose",false,...

"Plots","training-progress");



Approach 5

folds=3;

miniBatchSize = 30;

learningRate = 1e-5;

maxEpochs=30;

optimizer='sgdm';

options=trainingOptions(optimizer,...

"MiniBatchSize",miniBatchSize,...

"InitialLearnRate",learningRate,...

'MaxEpochs',maxEpochs,...

'Shuffle','every-epoch',...

"L2Regularization", 0.0001,...

"Momentum", 0.889,...

"Verbose",false,...

"Plots","training-progress");

