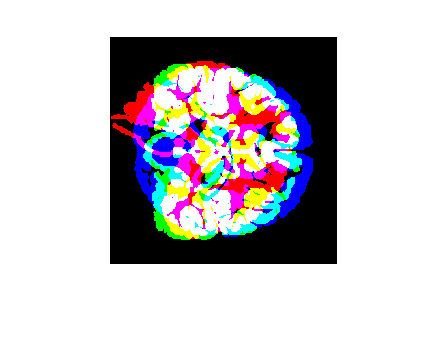
**CN vs AD**



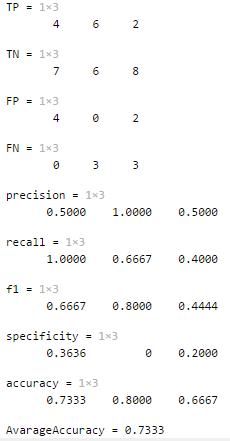
**Approach 1 - 2019\_04\_25\_15\_53**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 30; * learningRate = 1e-4; * maxEpochs=30; * optimizer='sgdm'; * "L2Regularization", 0.0001 * "Momentum", 0.889 * 'Shuffle','every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



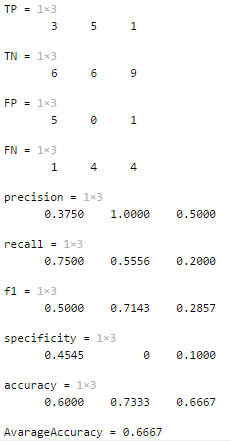
**Approach 2 - 2019\_04\_25\_15\_57**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 64; * learningRate = 1e-4; * maxEpochs=40; * optimizer='sgdm'; * "L2Regularization", 0.0001 * "Momentum", 0.889 * 'Shuffle','every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



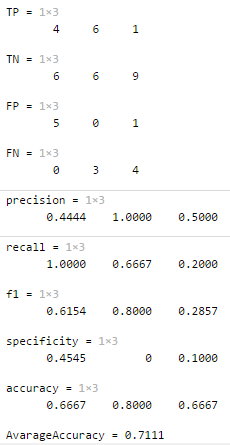
**Approach 3 - 2019\_04\_25\_16\_02**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 20; * learningRate = 1e-4; * maxEpochs=30; * optimizer='adam'; * "L2Regularization", 0.0001 * 'Shuffle','every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



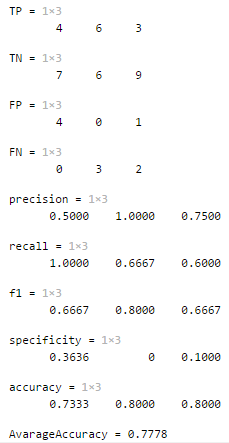
**Approach 4 - 2019\_04\_25\_16\_06**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 20; * learningRate = 1e-5; * maxEpochs=30; * optimizer='adam'; * "L2Regularization", 0.0001 * 'Shuffle','every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



**Approach 5 - 2019\_04\_25\_16\_12**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 20; * learningRate = 1e-5; * maxEpochs=20; * optimizer='adam'; * "L2Regularization", 0.0001 * 'Shuffle','every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**

