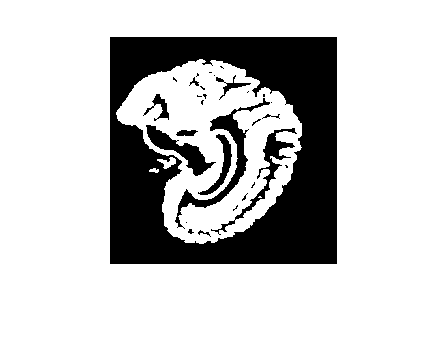
**CN vs AD – X axis (sagittal plane)**



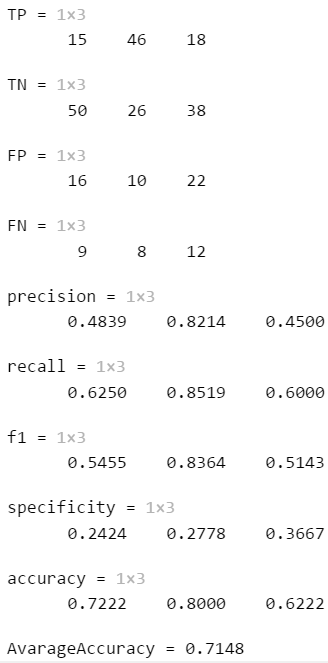
**Approach 1 - 2019\_04\_20\_12\_46**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 32; * learningRate = 1e-5; * maxEpochs=230; * optimizer='sgdm'; * "L2Regularization", 1e-04 | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



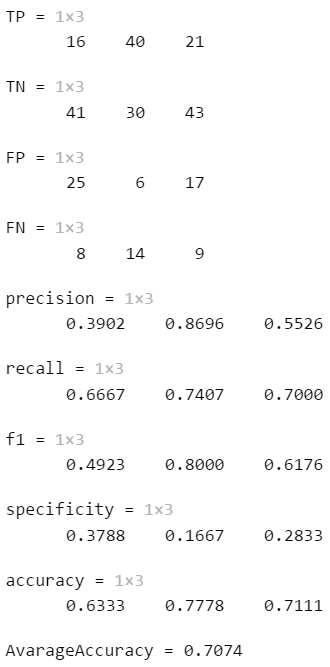
**Approach 2 - 2019\_04\_21\_11\_09**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 30; * learningRate = 0.0001; * maxEpochs=50; * optimizer='sgdm'; * "L2Regularization", 1e-05 * "Shuffle",'every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



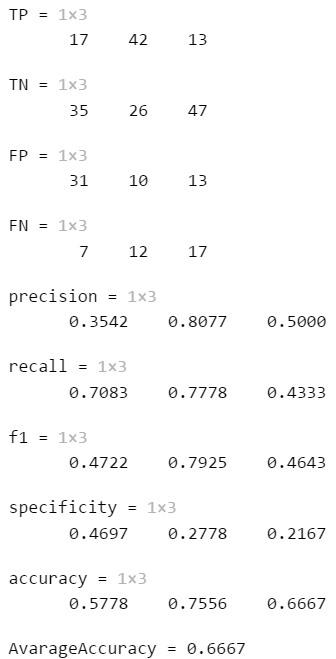
**Approach 3 - 2019\_04\_21\_13\_01**

**Network:**

Transfer learning from AlexNet changing last 3 layers.

|  |  |
| --- | --- |
| **Training parameters:**   * folds=3; * miniBatchSize = 30; * learningRate = 0.00001; * maxEpochs=200; * optimizer='sgdm'; * "L2Regularization", 1e-05 * "Shuffle",'every-epoch' | **Dataset:**   * nSlices=6; * gap=2; |

**Results:**



No normalization