Diagnostic Class: Structural. Outcome
Variable: T2_poorCGI. N: 1823. Partition
Ratio: 0.7. Training N: 1641. Evaluation
N: 182. Model Type: deepFeedForwardTanH.
N Features: 11. N Input Units: 33. N
Layers: 3. N Units in each Layer[33,
16.0, 16.0, 16.0, 1]. N Epochs: 7000.
Time Taken to Train: 1 min(s) 36 sec(s).
Binary Accuracy: 0.5604395604395604.
Binary AUROC: 0.5739779364049319. Binary
R2: -0.889682024659316. Binary
Precision: 0.7160493827160493. Binary
Recall: 0.5043478260869565. Binary
Sensitivity: 0.5043478260869565. Binary
Specificity: 0.6567164179104478. Binary
Optimal Operating Point: 0.687849.
Feature Set: ['AgeBins', 'Gender',
'Diagnosis', 'T0_PHQ13_Binned',
'T0_SF12_PF', 'T0_HADS_Binned',
'T0_NegExpectation',
'T0_PsychAttribution',
'T0_IllnessWorry', 'T0_SIMD04_bin',
'T0_IncapacityBenefitorDLA']

Test Accuracy
Max = 0.69

Test binary_crossentropy
Min = 0.59

Evaluation Accuracy
Max = 0.63

Evaluation binary_crossentropy
Min = 0.65

Histogram of NN Eval Outputs

ROC of NN Eval Scores
AUC: 0.57

Confusion Matrix:
- True Class B or MB, Predicted B or MB: 44
- True Class B or MB, Predicted MW, W or NC: 23
- True Class MW, W or NC, Predicted B or MB: 57
- True Class MW, W or NC, Predicted MW, W or NC: 58