Diagnostic Class: Functional. Outcome Variable: T2_poorCGI. N: 703. Partition Ratio: 0.7. Training N: 492. Evaluation N: 211. Model Type: deepFeedForwardLeakyReLU. N Features: 11. N Input Units: 33. N Layers: 5. N Units in each Layer[33, 16.0, 16.0, 16.0, 16.0, 16.0, 1]. N Epochs: 7000. Time Taken to Train: 4 min(s) 1 sec(s). Binary Accuracy: 0.6398104265402843. Binary AUROC: 0.5771144278606966. Binary R2: -0.6621061359867333. Binary Precision: 0.7361111111111112. Binary Recall: 0.7361111111111112. Binary Sensitivity: 0.7361111111111112. Binary Specificity: 0.43283582089552236. Binary Optimal Operating Point: 0.6663819. 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 = 0.67

Test binary_crossentropy
Min = 0.63

Evaluation Accuracy
Max = 0.68

Evaluation binary_crossentropy
Min = 0.63

Histogram of NN Eval Outputs

ROC of NN Eval Scores
AUC: 0.58

Confusion Matrix
True Class: B or MB — 29, 38
True Class: MW, W or NC — 38, 106
Predicted Class: B or MB, MW, W or NC