Diagnostic Class: Functional. Outcome Variable: T2_poorCGI. N: 703. Partition Ratio: 0.7. Training N: 492. Evaluation N: 211. Model Type: deepFeedForwardTanH. N Features: 11. N Input Units: 33. N Layers: 1. N Units in each Layer[33, 16.0, 1]. N Epochs: 7000. Time Taken to Train: 0 min(s) 22 sec(s). Binary Accuracy: 0.6018957345971564. Binary AUROC: 0.6239370748299321. Binary R2: -0.88392857142857. Binary Precision: 0.8181818181818182. Binary Recall: 0.551020408163265. Binary Sensitivity: 0.551020408163265. Binary Specificity: 0.71875. Binary Optimal Operating Point: 0.691044. 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 = 0.7

Test binary_crossentropy — Min = 0.56

Evaluation Accuracy — Max = 0.71

Evaluation binary_crossentropy — Min = 0.59

Histogram of NN Eval Outputs

ROC of NN Eval Scores — AUC: 0.62

Confusion Matrix