Diagnostic Class: Structural. Outcome Variable: T2_poorCGI. N: 1823. Partition Ratio: 0.7. Training N: 1276. Evaluation N: 547. Model Type: deepFeedForwardLeakyReLU. 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) 54 sec(s). Binary Accuracy: 0.6069469835466179. Binary AUROC: 0.626003913437076. Binary R2: -0.7173125784877779. Binary Precision: 0.7429577464788732. Binary Recall: 0.5977337110481586. Binary Sensitivity: 0.5977337110481586. Binary Specificity: 0.6237113402061856. Binary Optimal Operating Point: 0.64799416. 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 — binary_accuracy vs Training Epoch. Max = 0.7

Test binary_crossentropy — loss vs Training Epoch. Min = 0.58

Evaluation Accuracy — val_binary_accuracy vs Training Epoch. Max = 0.66

Evaluation binary_crossentropy — val_loss vs Training Epoch. Min = 0.63

Histogram of NN Eval Outputs — f vs NN Score

ROC of NN Eval Scores — Specificity vs 1 - Sensitivity. AUC: 0.63

Confusion matrix:

True Class \ Predicted Class	B or MB	MW, W or NC
B or MB	121	73
MW, W or NC	142	211