LSTM - FaultDetectionB Linear Regression Surrogate R^2 : 0.77 ± 0.10 RMSE: 0.04 ± 0.01 0.65 MAE: 0.03 ± 0.01 0.60 0.55 Predicted Accuracy 0.50 0.45 0.40 0.35 0.30 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 **Actual Validation Accuracy**