LSTM - FaultDetectionB Linear Regression Surrogate R^2 : 0.67 ± 0.12 RMSE: 0.05 ± 0.01 0.65 MAE: 0.04 ± 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**