LSTM - CBF Linear Regression Surrogate R^2 : -0.21 ± 1.64 RMSE: 0.05 ± 0.02 1.05 MAE: 0.04 ± 0.01 1.00 0.95 Predicted Accuracy 0.90 0.85 0.80 0.75 0.75 0.80 0.85 0.90 1.00 1.05 0.95 **Actual Validation Accuracy**