LSTM - ArrowHead Linear Regression Surrogate  $R^2$ : 0.15 ± 0.22 0.70 RMSE:  $0.08 \pm 0.01$ MAE:  $0.06 \pm 0.01$ 0.65 0.60 Predicted Accuracy 0.55 0.50 0.45 0.40 0.40 0.50 0.55 0.45 0.60 0.65 0.70 **Actual Validation Accuracy**