Transformer - CatsDogs Linear Regression Surrogate  $R^2$ : 0.48 ± 0.12 RMSE:  $0.03 \pm 0.00$ MAE:  $0.02 \pm 0.00$ 0.75 0.70 **Predicted Accuracy** 0.65 0.60 0.55 0.60 0.65 0.55 0.70 0.75 **Actual Validation Accuracy**