FCNN - CatsDogs Linear Regression Surrogate  $R^2$ : 0.46 ± 0.18 RMSE:  $0.05 \pm 0.01$ 0.85 MAE:  $0.04 \pm 0.01$ 0.80 0.75 Predicted Accuracy 0.70 0.65 0.60 0.55 0.50 0.65 0.70 0.85 0.50 0.55 0.60 0.75 0.80 **Actual Validation Accuracy**