CNN - BirdChicken Linear Regression Surrogate R^2 : 0.58 ± 0.15 0.80 RMSE: 0.05 ± 0.01 MAE: 0.04 ± 0.01 0.75 0.70 Predicted Accuracy 0.65 0.60 0.55 0.50 -0.50 0.65 0.55 0.60 0.70 0.75 0.80 **Actual Validation Accuracy**