FCNN - BirdChicken Linear Regression Surrogate R^2 : 0.63 ± 0.10 RMSE: 0.06 ± 0.01 MAE: 0.05 ± 0.01 0.9 8.0 **Predicted Accuracy** 0.7 0.6 0.5 0.5 0.7 0.6 0.8 0.9 **Actual Validation Accuracy**