

Regression Model	Ordinary Least Squares	Ridge	Random Forest	XGBoost
# of Features	38	45	37	41
Tuned Hyperparameters		alpha = 0.44	n_estimators = 25, max_depth = 5, min_samples_leaf = 1	learning_rate = 0.11, n_estimators = 50, max_depth = 3, subsample = 1.0, colsample_bytree = 0.3, gamma = 0.0, min_child_weight = 1, reg_alpha = 0
Top five features	V_Off_Pass, H_Pts, V_Pass_Metric, Wind, H_Pass_Metric	Wind, V_Off_Pass, H_Pts, V_RZ_Def_Pct, grass	V_Off_Pass, H_Off_Pass, H_Pass_Metric, V_RZ_Def_Pct, V_Pts_Opp	H_TO_Lost, H_Off_Pass, V_Off_Pass, V_TD, H_TD
Test MAE	10.701	10.516	10.505	10.571