

Model	Optimal alpha	Optimal L1	Test R-squared	RMSE	
Linear Regression	NA	NA	-0.0877	0.5766	
Lasso Regression	0.03989017964	NA	0.1114	0.5212	
Ridge Regression	100	NA	0.0936	0.5264	
Elastic Net Regression	0.2811768698	0.1	0.1288	0.516	
Random Forest	NA	NA	-0.2126	0.6088	
Gradient Boost	NA	NA	-0.2682	0.6226	
XG Boost			-0.4477	0.6652	<<< Not cross validated
Features Retained by Elastic Net					
Power 5_3	PAA_3	PASS_4	PEN_3	vertical	
Power 5_4	PAA_4	RUN_3	PEN_4		
QBR_3	PLAYS_4	RUN_4	ht		
QBR_4	EPA_4	SACK_3	wt		