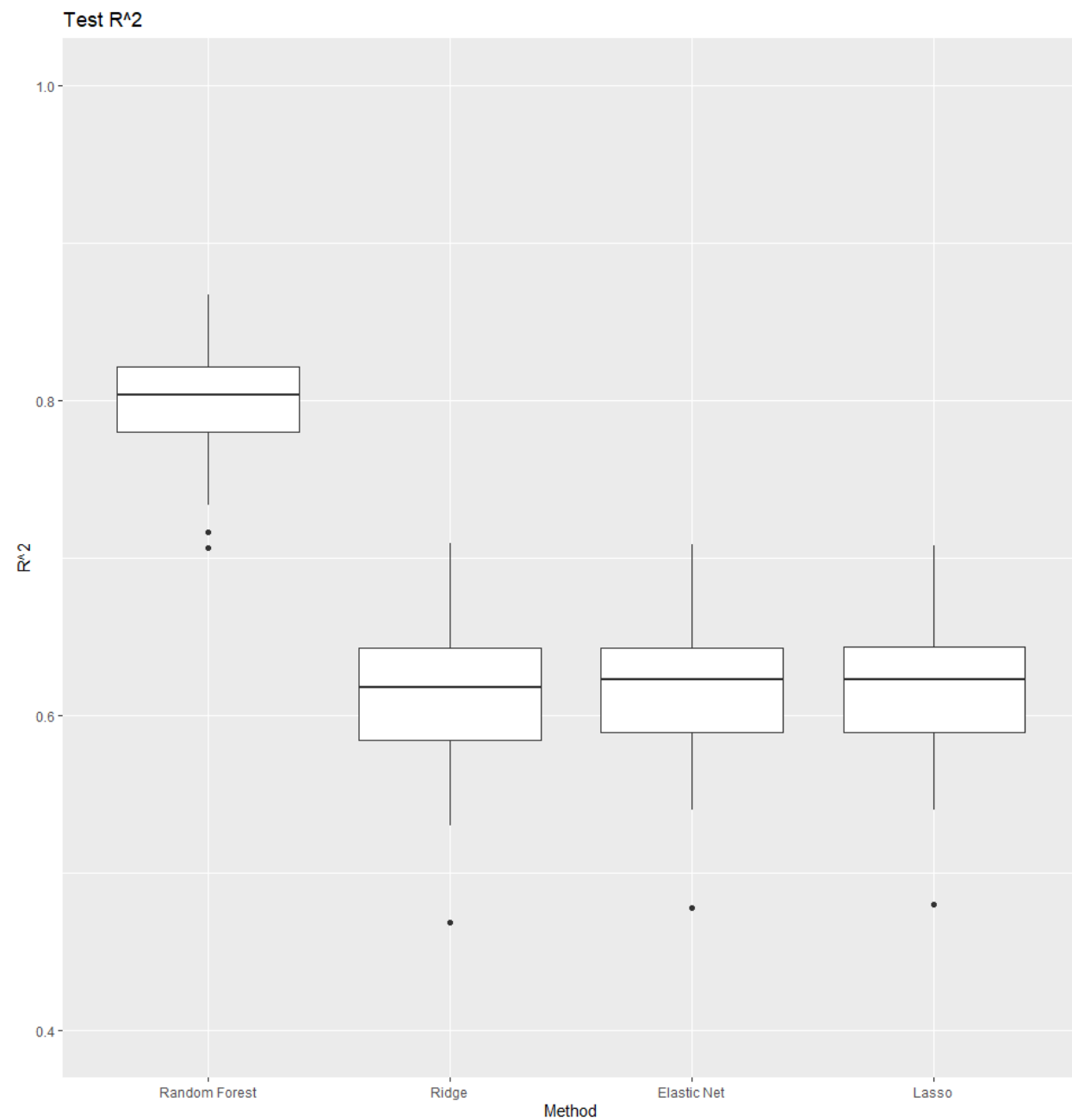
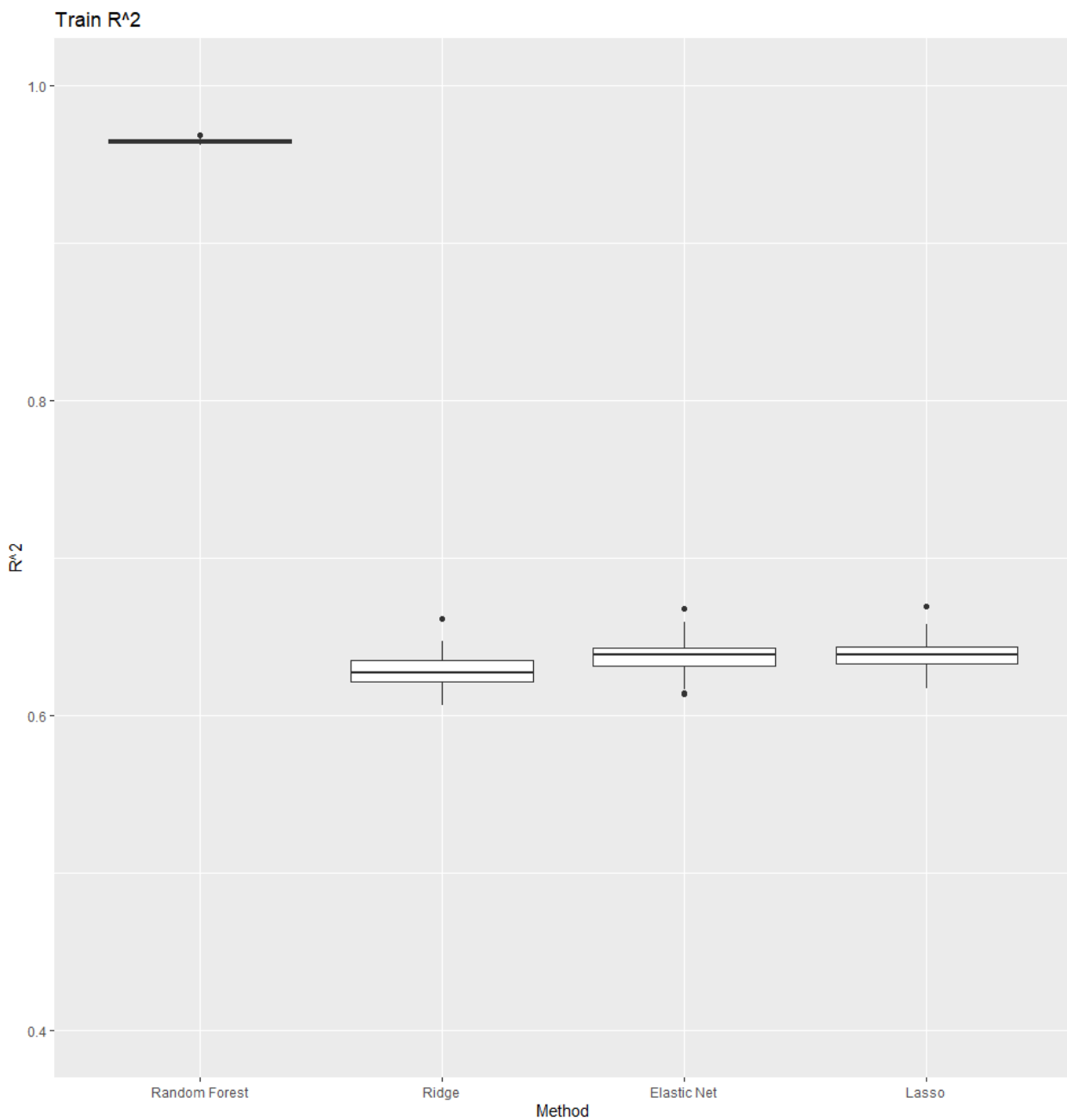
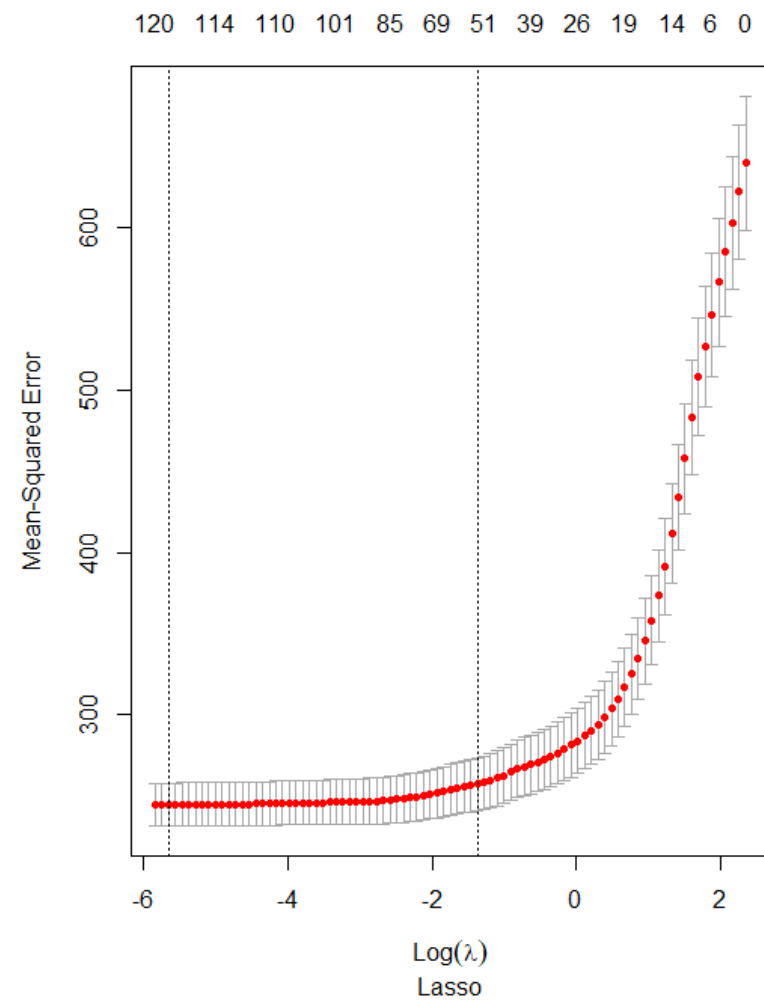
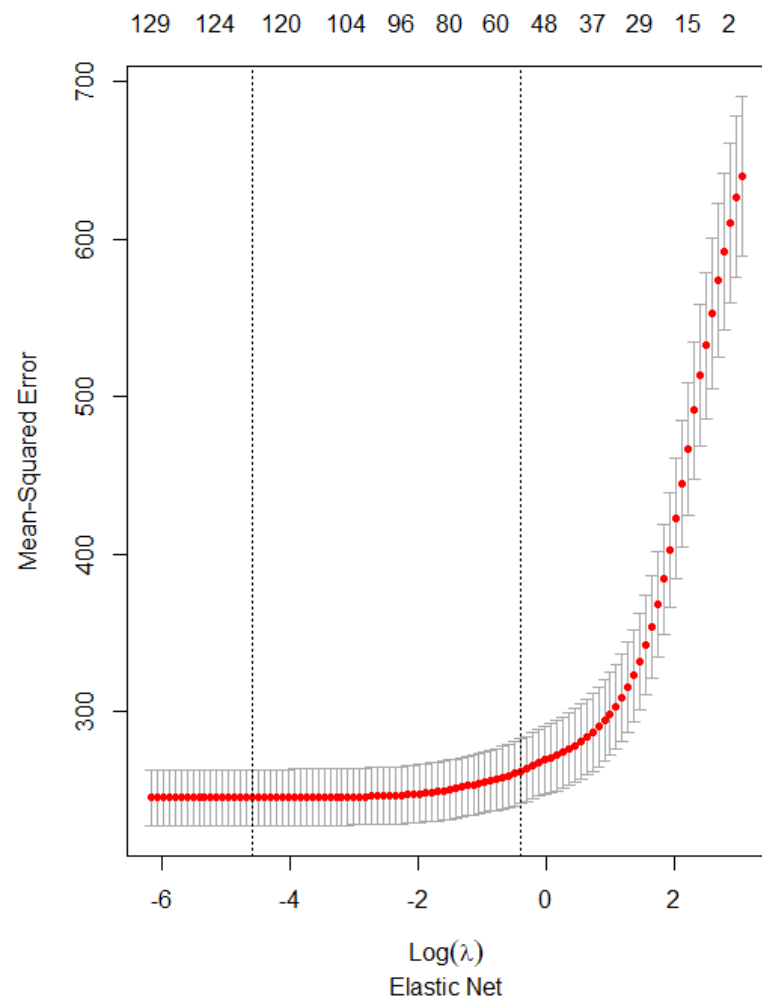
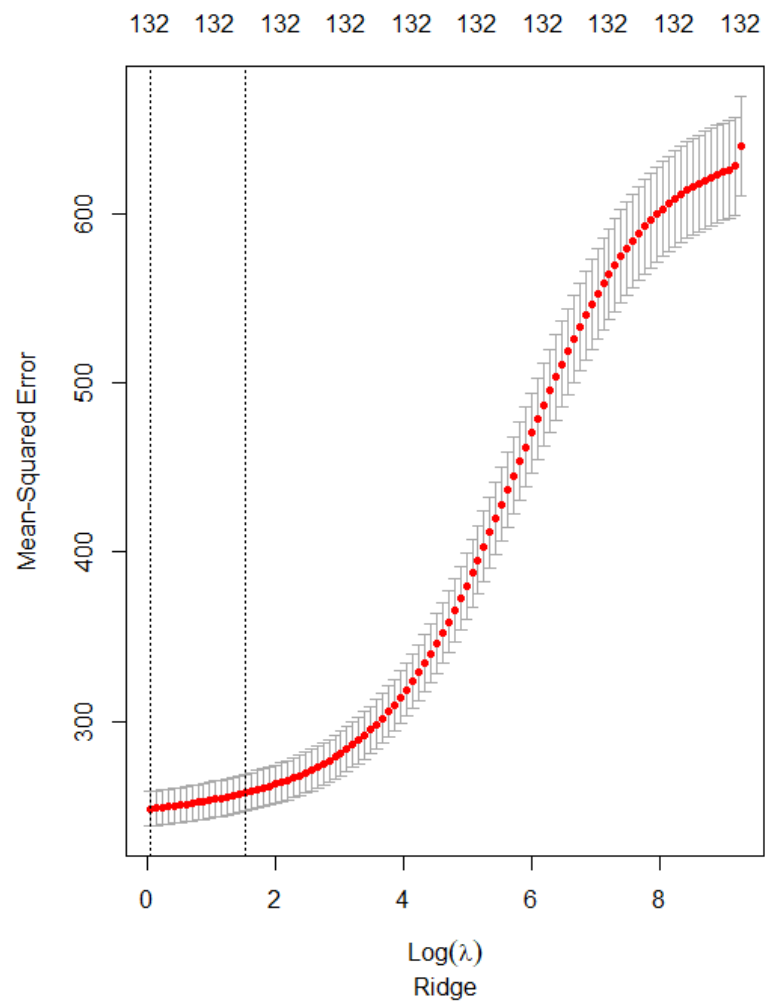


DeepSolar Project

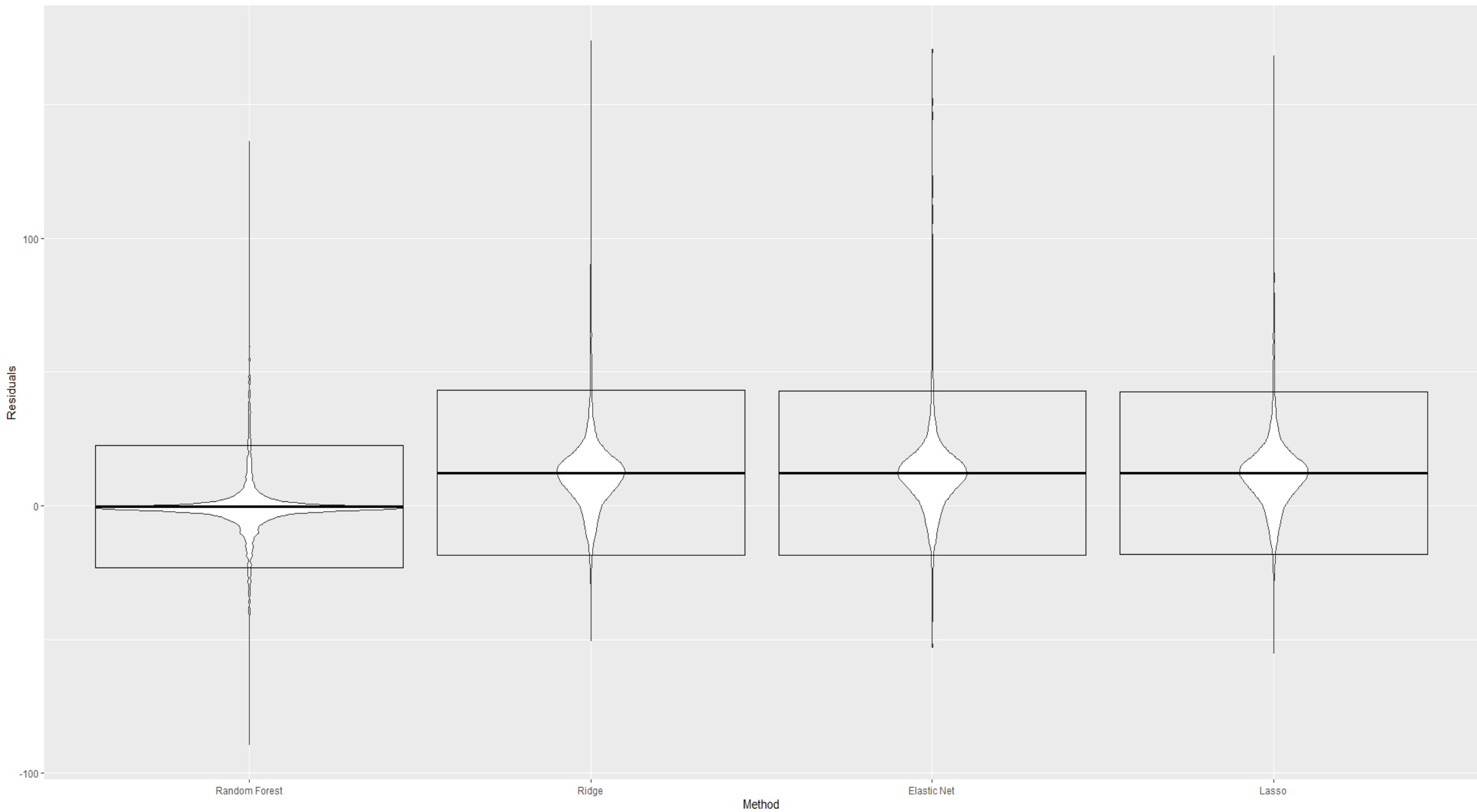
Predicting the Number of Solar Panels in NY

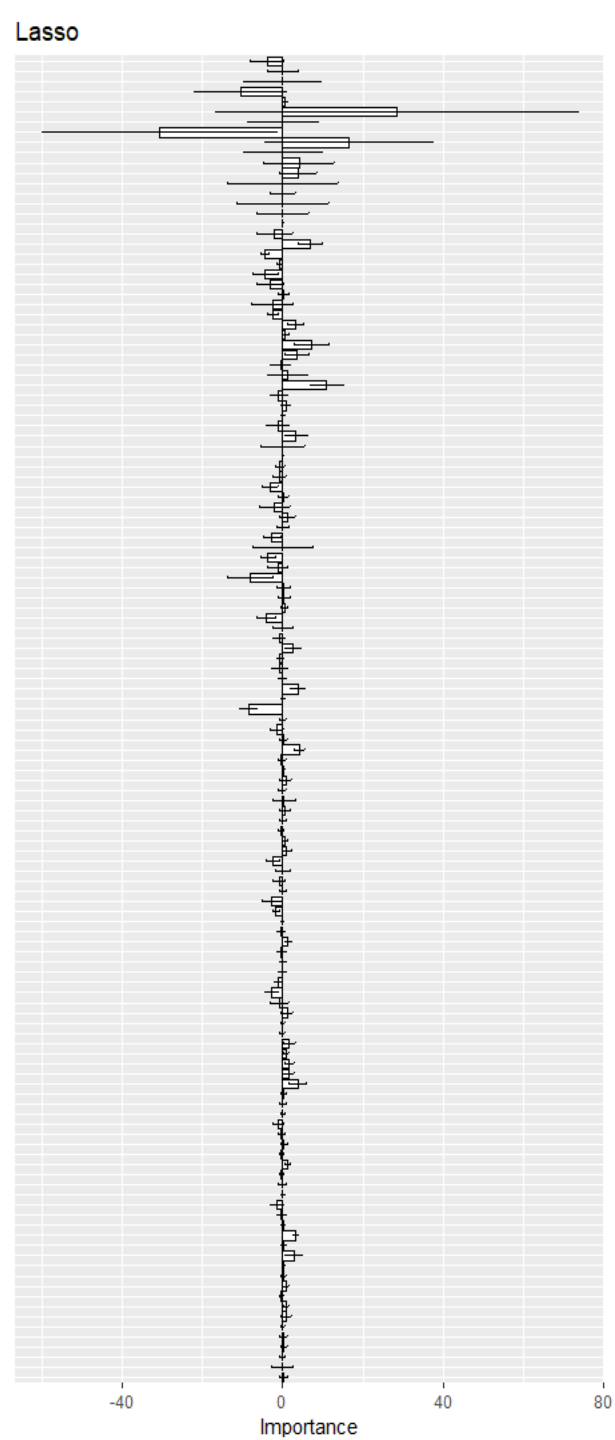
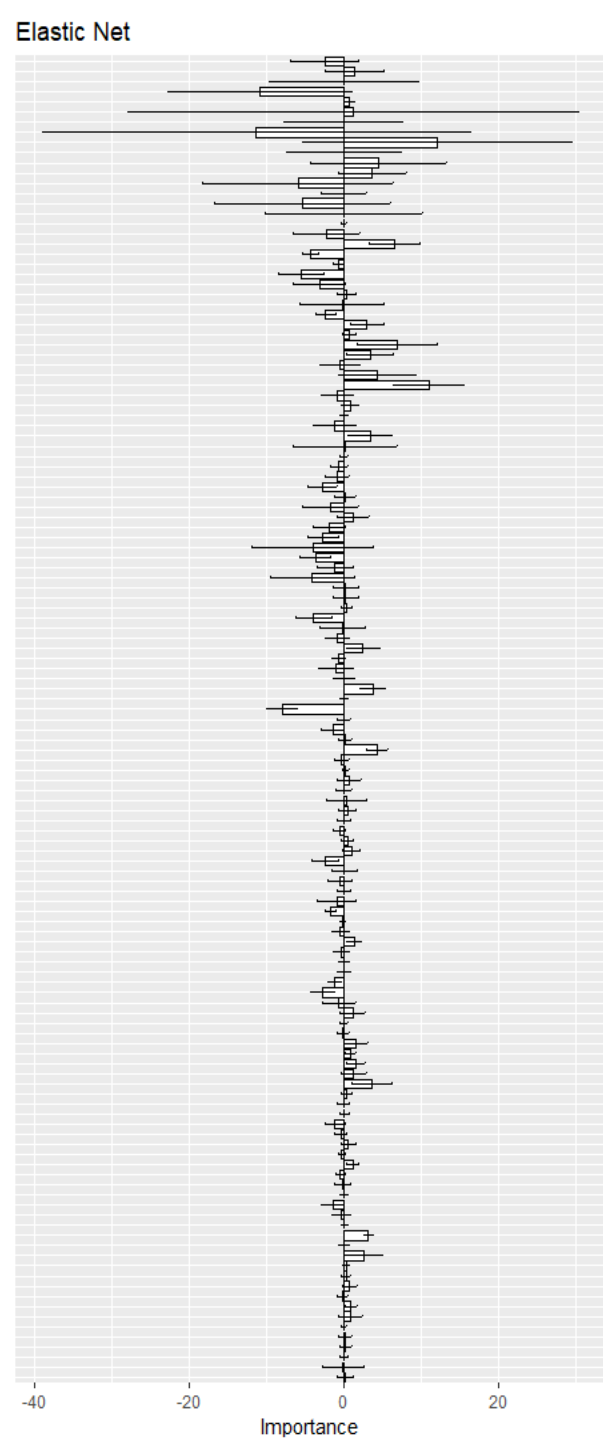
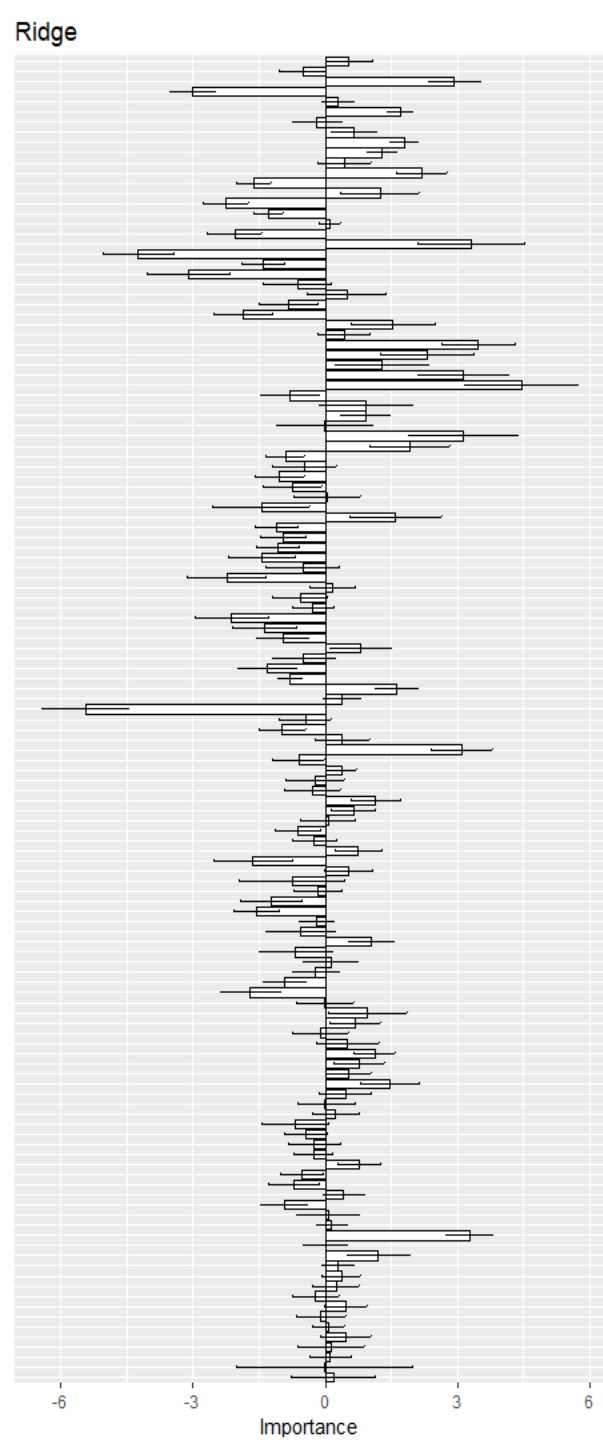
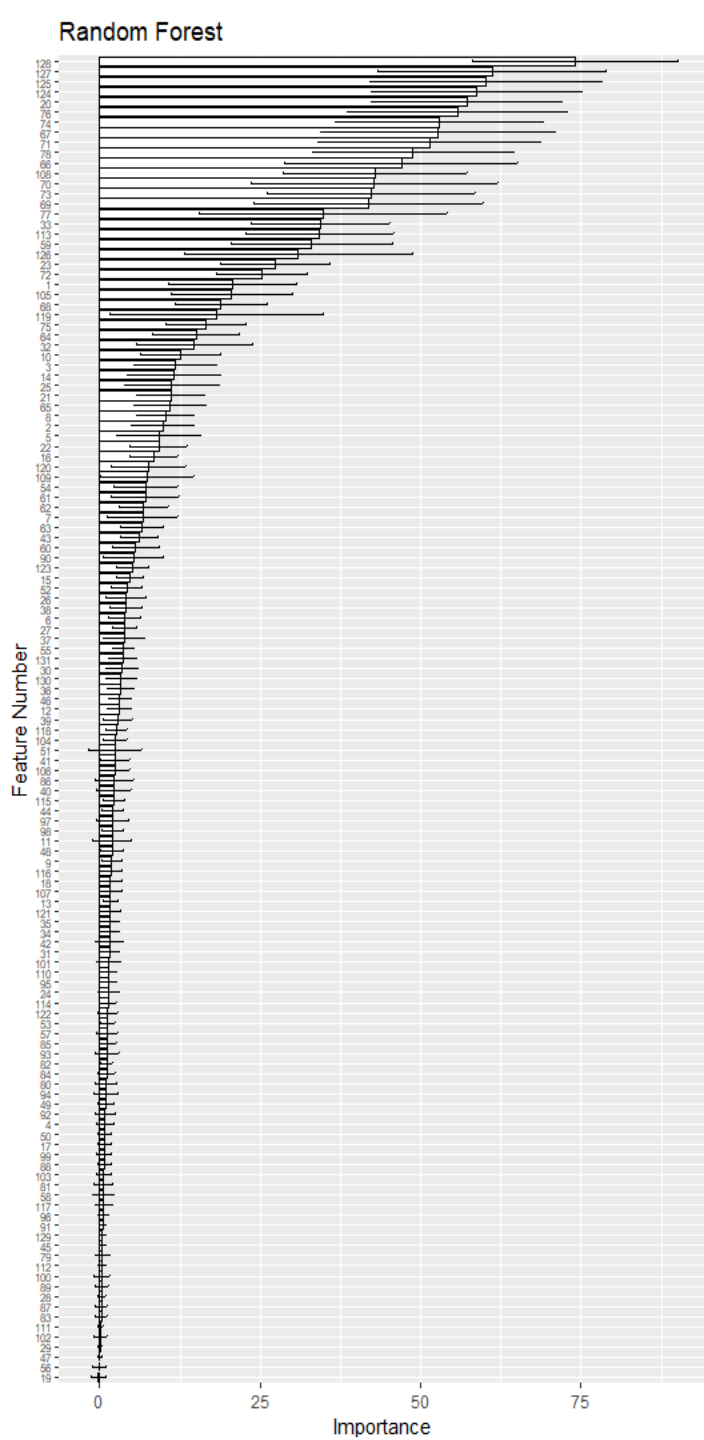
Angel Gonzalez
STA 9890





Residuals of All Methods





Method	R^2	Residuals Distribution	Underlying Model	Important Features	Computation Runtime
Random Forest	Higher	~Normal	Non-linear	~50%	~4 Minutes
Ridge	Lower	Skewed	Linear	<15%	~4 Seconds
Elastic Net	Lower	Skewed	Linear	<5%	~4 Seconds
Lasso	Lower	Skewed	Linear	<1%	~4 Seconds