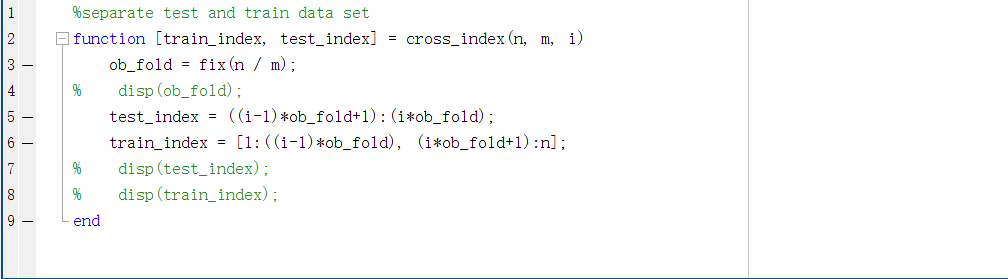
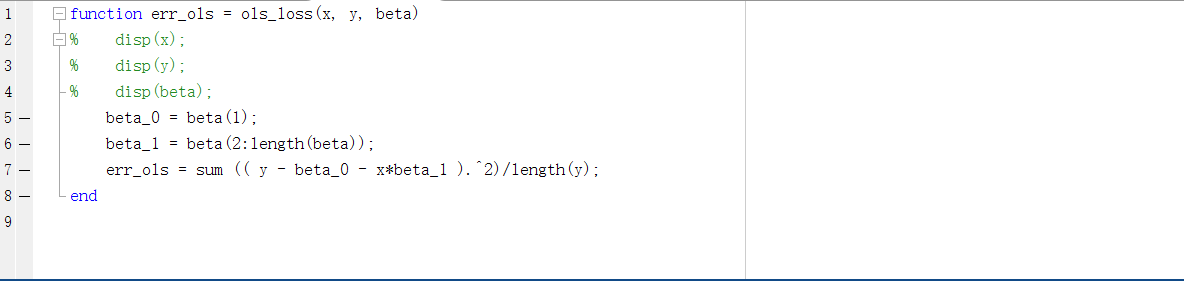
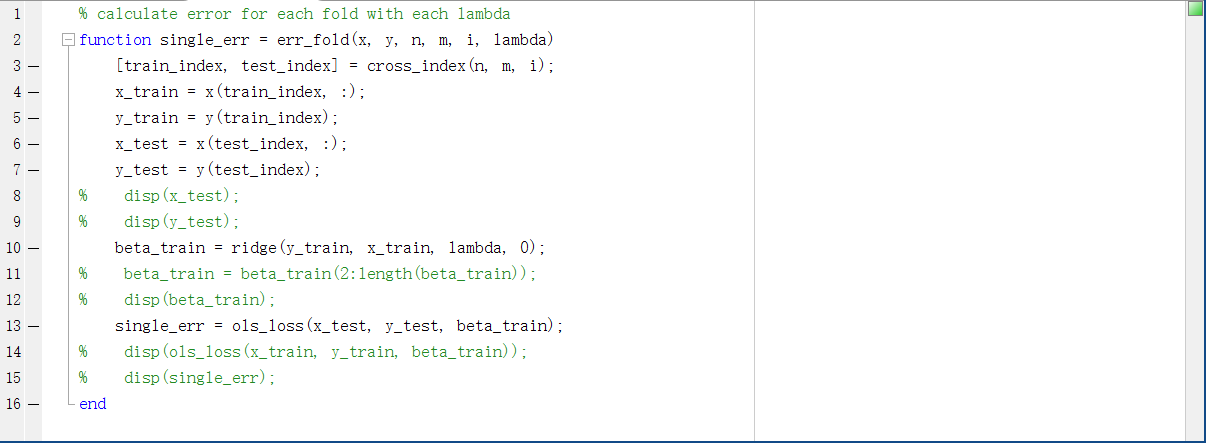
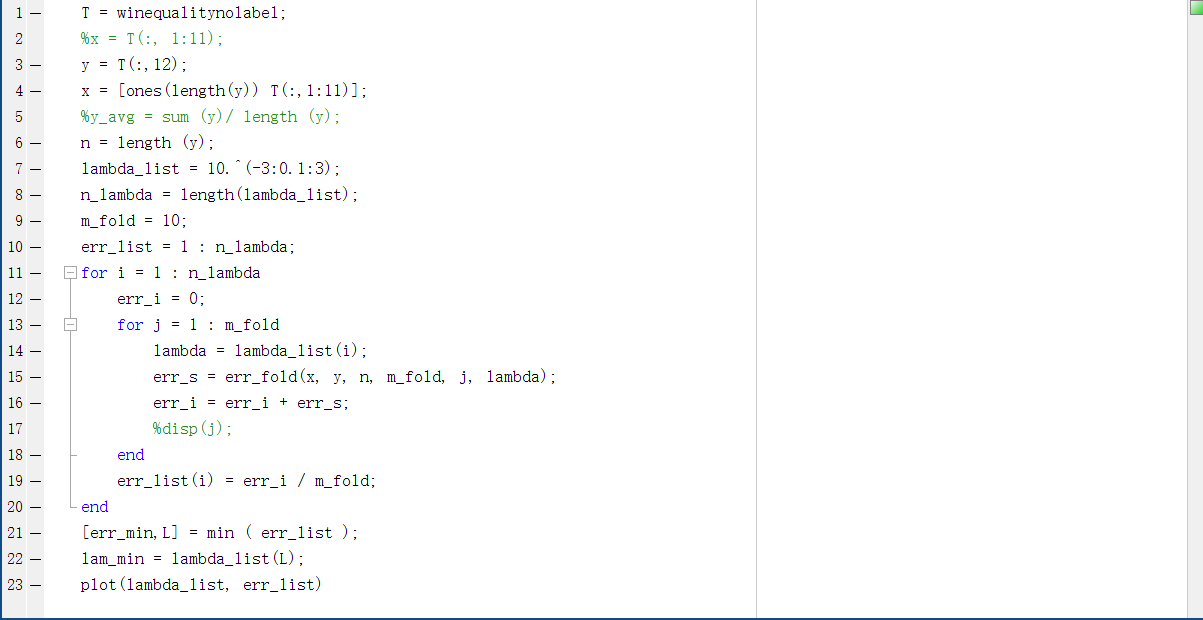
**Matlab code**

Ridge

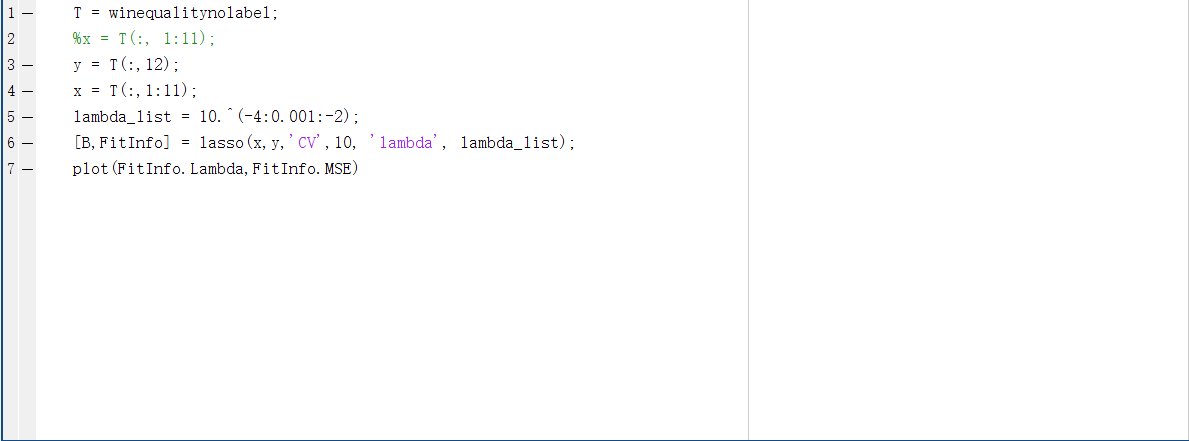




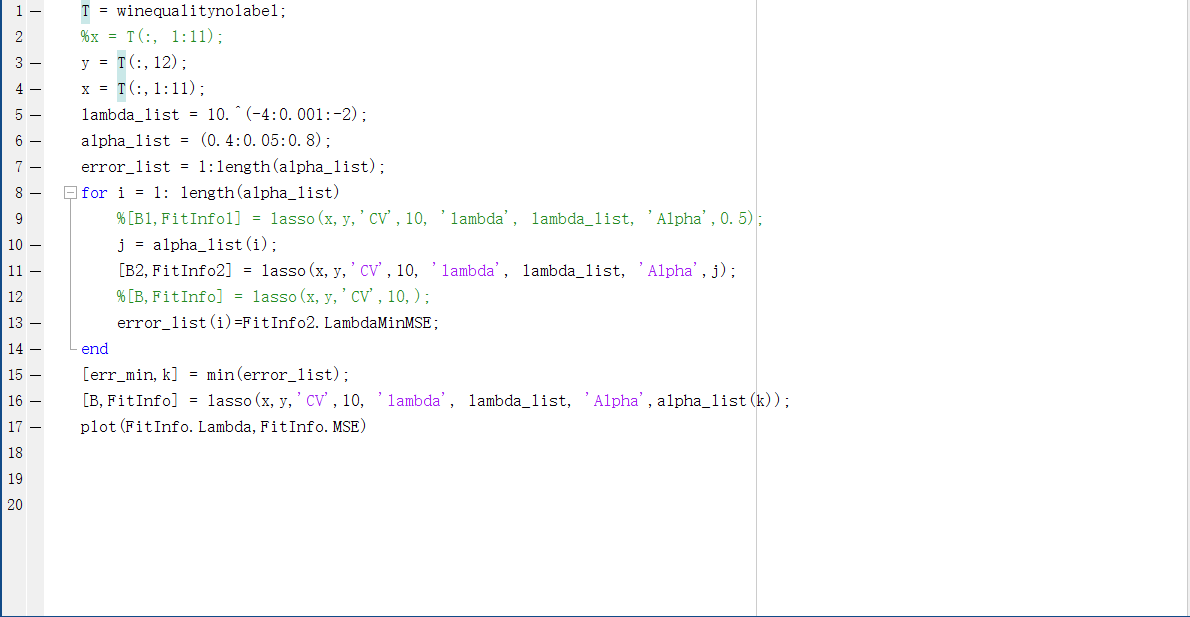




Lasso



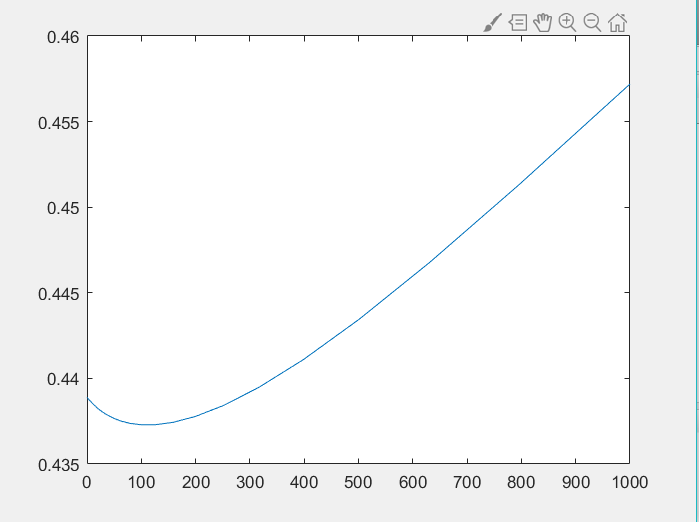
Elastic Net



**Result and Plot**

Ridge

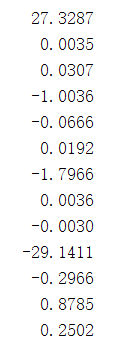
Error vs Lambda



Error value

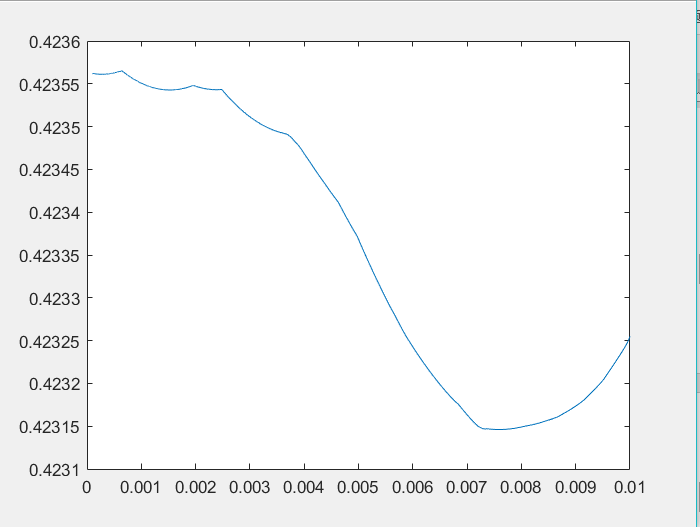
Lambda

The Minimum error is 0.4373, the Lambda is 100.



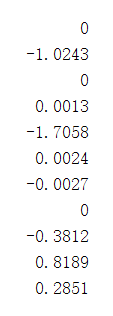
Lasso

Error vs Lambda



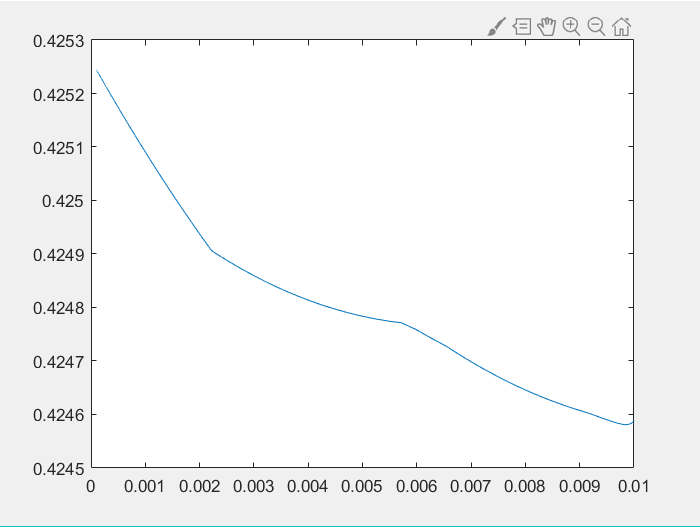
Error value

Lambda

 The Minimum error is 0.4231, the Lambda is 0.0076. The Beta is:

Elastic Net

Error vs Lambda



Error value

Lambda

The Minimum error is 0.4246, the Lambda is 0.0099, and Alpha is 0.5.

Beta is

