PS9

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1   Question 6: LASSO

Optimal lambda is 0.0291, in-sample RMSE is 0.1970, out-of-sample RMSE is 0.1679

2   Question 7: Ridge Regression

Optimal lambda is .107, in-sample RMSE is 0.1714, out-of-sample RMSE is 0.1393

3   Question 8: Elastic Net

Optimal lambda is 0.02626685, optimal alpha is 0.1, out-of-sample RMSE is 0.1403. We should use ridge regression for this task because alpha is close to 0.