

HW3 REPORT

First, I divided the first 150 data points to the training set and the remaining 122 data points to the test set. Then, learned a regressogram by setting the bin width parameter to 0.37 and the origin parameter to 1.5 and then drew it. Next, I calculated the root mean squared error (RMSE) of my regressogram for test data points. Lastly, I repeated this for both running mean smoother and kernel smoother. My calculation results for the RMSE were tiny different than the homework description.