CS-4033

Roman Munoz

Dr. Chao, Lan

Problem 3

Figure 1 – Testing RMSE vs m

Chart, line chart

Description automatically generated

Then we can see the RMSE decreases as m increases, then convergences to a value like the regular KKR implementation. Figure 2 is a zoom out version of the results obtained from the code when m = n. lambda = 0.1 and gamma = 0.001

Figure 1 – Testing RMSE vs m

Chart

Description automatically generated