

ECON 5253 Problem Set 10

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April 22, 2021

All other parts are completed.

1 Question No. 9

SVM was taking a lot of time, so I dropped it from the following table.

There is a difference in the range of about 0.01 to 0.02 for each of the estimates from different ML models. Overall, we can say that all the model predictions are pretty close.

penalty	.estimate	alg	cost_complexity	tree_depth	min_n	hidden_units	neighbors
0.00	0.85	logit					
	0.87	tree	0.00	15.00	10.00		
0.08	0.84	nnet				3.00	
	0.85	knn					27.00