

PS10 - ECON 5253

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1 Model Summaries

penalty	.estimate	alg	cost_complexity	tree_depth	min_n	hidden_units	neighbors	cost	rbf_sigma
0.00	0.85	logit							
	0.87	tree	0.00	15.00	10.00				
1.00	0.83	nnet				1.00			
	0.84	knn					30.00		
	0.86	svm						1.00	0.50

- How does each algorithm's out-of-sample performance compare with each of the other algorithms?
 - Based on the out-of-sample performance of the five algorithms, the algorithm that appears to perform the best is the decision tree, followed by the svm model, the logit model, the knn model, and the neural network model.