

Problem Set 10

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Q9

Penalty	Estimate	Algorithm	Cost Complexity	Tree Depth	Min N	Hidden Units	Neighbors
0.00	0.85	Logit	0.00	15.00	10.00	1.00	30.00
	0.87	Tree					
1.00	0.83	Neural net					
	0.84	KNN					

In terms of out-of-sample estimation, the four algorithms that were able to run (not SVM) performed similarly, with the tree model being the most accurate.