

Report for MLP

Activation Function	Hidden Layer Size	Overall Accuracy	Precision	Recall	F1-score
relu	(10)	0.71	0.64	0.41	0.50
relu	(20)	0.71	0.59	0.64	0.61
relu	(10, 10)	0.70	0.62	0.49	0.53
relu	(20, 20)	0.62	0.42	0.19	0.25
identity	(10)	0.69	0.57	0.51	0.53
identity	(20)	0.75	0.63	0.66	0.64
identity	(10, 10)	0.75	0.71	0.51	0.59
identity	(20, 20)	0.76	0.72	0.55	0.62
logistic	(10)	0.65	0.37	0.02	0.04
logistic	(20)	0.71	0.72	0.29	0.41
logistic	(10, 10)	0.34	0.34	1.00	0.51
logistic	(20, 20)	0.65	0.00	0.00	0.00
tanh	(10)	0.69	0.57	0.48	0.52
tanh	(20)	0.74	0.61	0.70	0.65
tanh	(10, 10)	0.73	0.65	0.48	0.55
tanh	(20, 20)	0.74	0.66	0.53	0.58

Graph for overall accuracy versus the hidden layer size, it must have four lines, one line for each activation function.

