Model trained on data (1,1.1) 64 dimension
Test on data (2,2.1) 64 dimension

256 total nodes	1/1 layer [128]	1/2 layer [50,50]%	2/2 layer [50,50]%	1/2 layer [80,20]%	1/2 layer [80,20]%	X input
trained_model	52.0	50.6	50.6	50.0	50.0	
SGDClassifier	61.2	61.8	61.6	62.0	65.2	61.4
LinearSVC	62.0	62	68.2	62.0	65.4	62.0

512 total nodes	1/1 layer [128]	1/2 layer [50,50]%	2/2 layer [50,50]%	1/2 layer [80,20]%	1/2 layer [80,20]%	X input
trained_model	49.6	50.4	50.4	50.6	50.6	
SGDClassifier	61.0	61.0	68.2	62.0	62.2	61.4
LinearSVC	61.8	61.8	83.0	62.0	70.8	62.0