

	Configuration	Precision	Recall	F1 Score	Accuracy
ANN -1	9 x 7 Sigmoid 7 x 5 Sigmoid 5 x 1 Sigmoid Epoch = 10000 Features = [2,3,5,6,7,8,9,10,11] Target = [-1] Encoding = {'3':'l'} Scaling = [2,3,5,6,7,8,9,10,11]	Training : 0.63105 Testing : 0.58305	Training : 0.5146 Testing :0.47513	Training : 0.566 Testing : 0.52	Training : 0.839722 Testing: 0.826111
ANN - 2	9 x 6 Relu 6 x 6 Relu 6 x 1 Sigmoid Epoch 500 Features = [2,3,5,6,7,8,9,10,11] Target = [-1] Encoding = {'3':'l'} Scaling = [2,3,5,6,7,8,9,10,11]	Training: 0.3636 Testing 0.41	Training:0.01875 Testing:0.026	Training:0.0356687 Testing:0.0499	Training : 0.78972 Testing : 0.81
ANN – 3	9 x 4 Sigmoid 4 x 8 Sigmoid 8 x 4 Sigmoid 4 x 1 Sigmoid Epoch 1000 Features = [2,1,7,11,3,4,5,6,8] Target = [-1] Encoding = {1:'l',4:'l',3:'o'} Scaling = [7,11]	Training : 0 Testing : 0	Training : 0 Testing: 0	Training : 0 Testing: 0	Training :0.793 Testing: 0.78