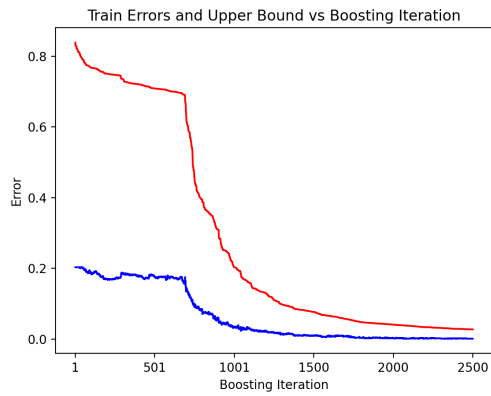


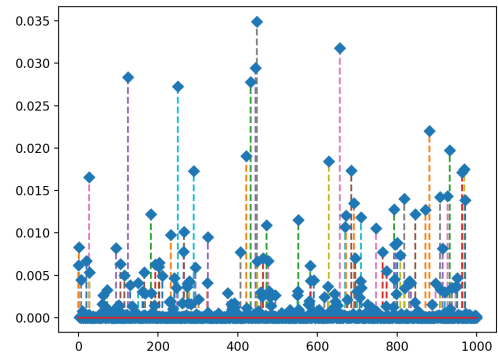
HW3 Name: Qiran Li Uni: q12397

P1

a)

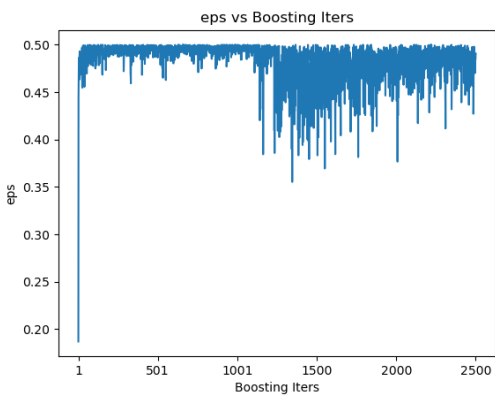


b)

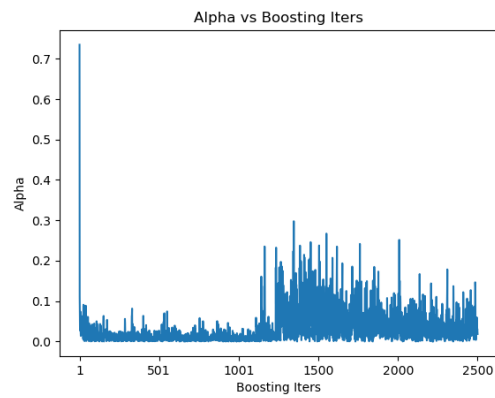


c)

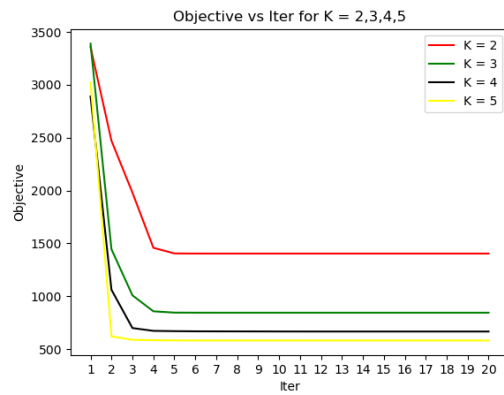
$\sum t$



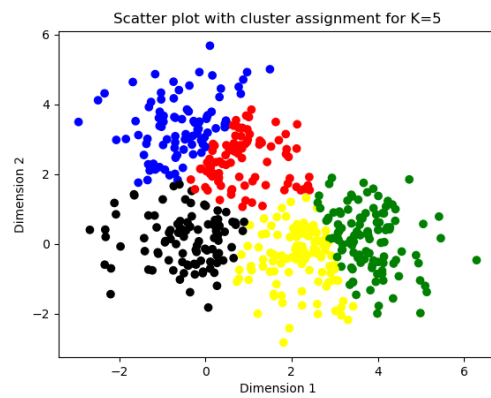
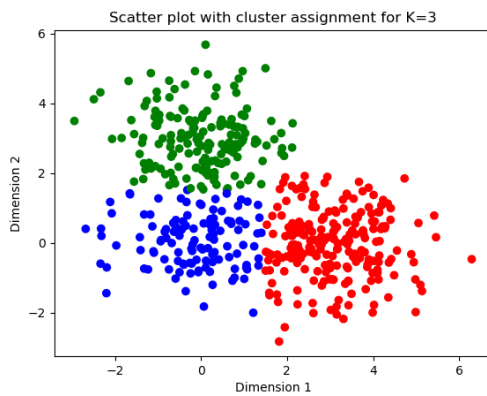
αt



Pz
a)

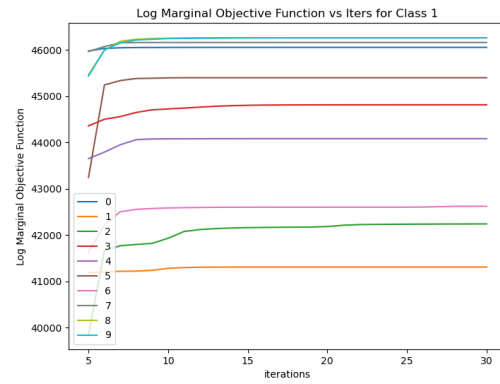
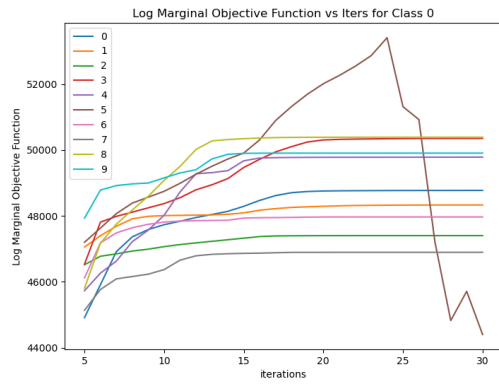


b)



P₃

a)



b)

	Actual Positive	Actual Negative
Predicted Positive	TP:176	FP:98
Predicted Negative	FN:6	TN:180
Accuracy:0.7739130434782608		
	Actual Positive	Actual Negative
Predicted Positive	TP:172	FP:80
Predicted Negative	FN:10	TN:198
Accuracy:0.8043478260869565		
	Actual Positive	Actual Negative
Predicted Positive	TP:170	FP:57
Predicted Negative	FN:12	TN:221
Accuracy:0.85		
	Actual Positive	Actual Negative
Predicted Positive	TP:171	FP:66
Predicted Negative	FN:11	TN:212
Accuracy:0.8326086956521739		

← Gaussian 1
 ← Gaussian 2
 ← Gaussian 3
 ← Gaussian 4