

Machine Learning

Assignment 5

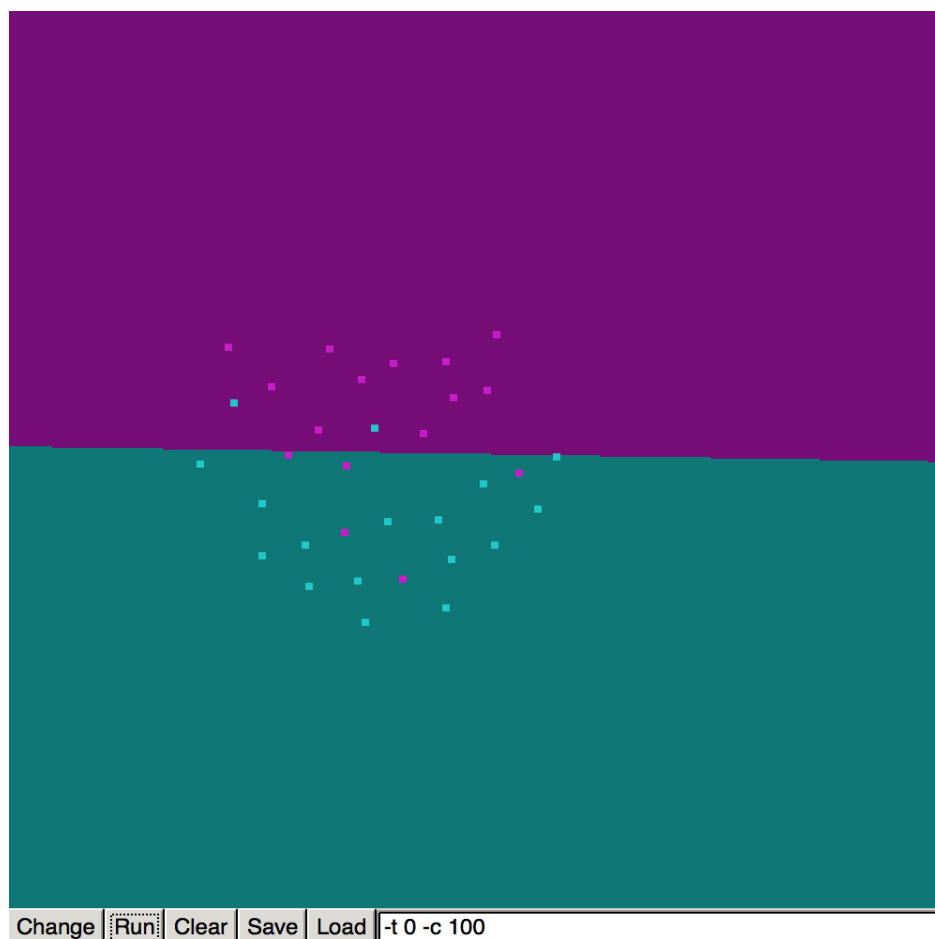
Marcel Rohde & Thorben Wiese

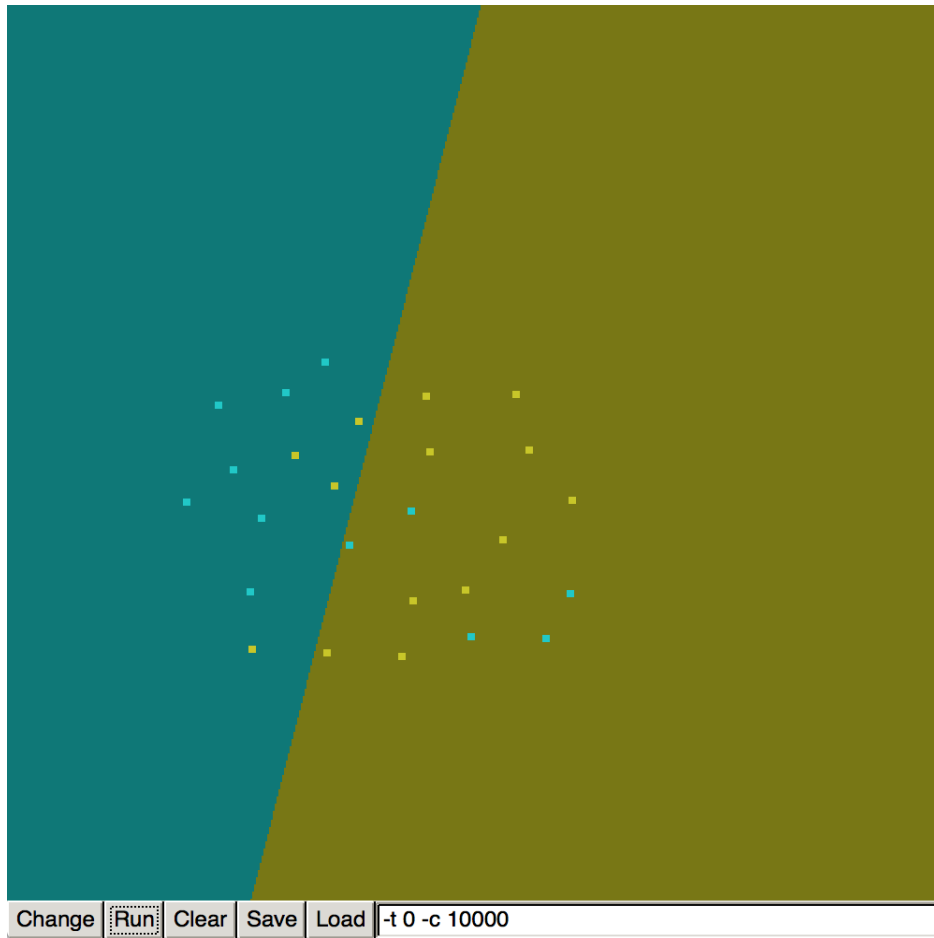
12. Mai 2018

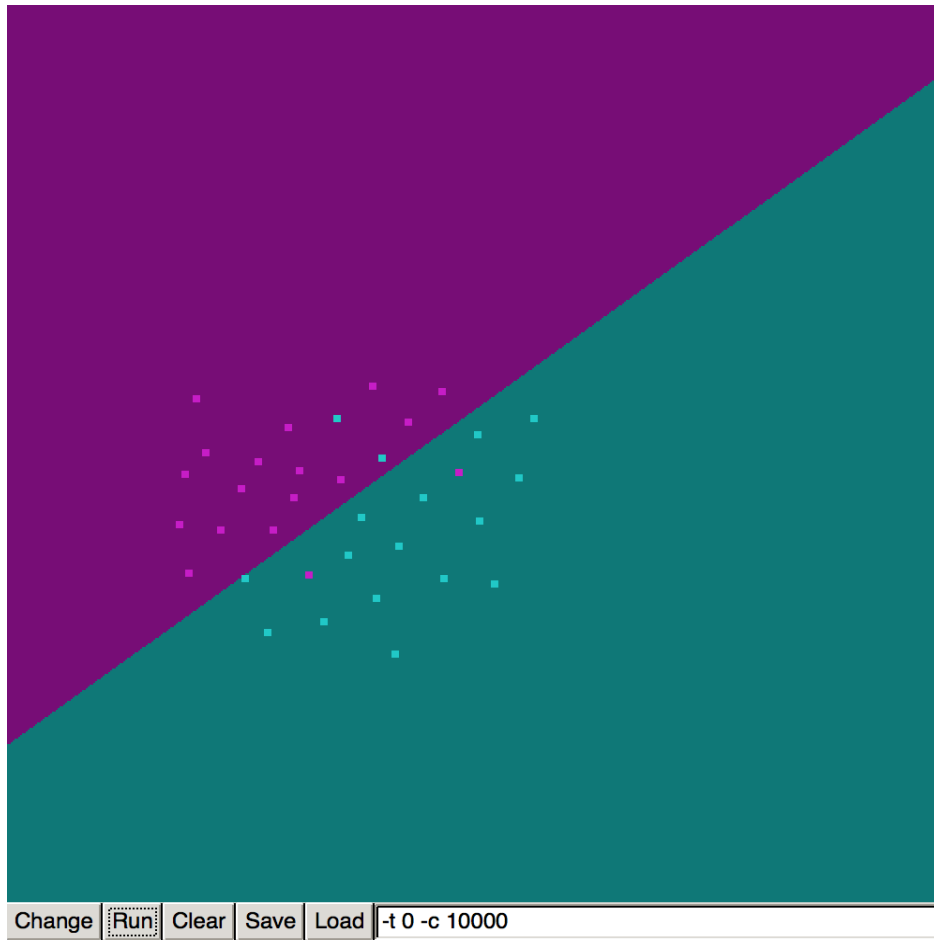
05.2

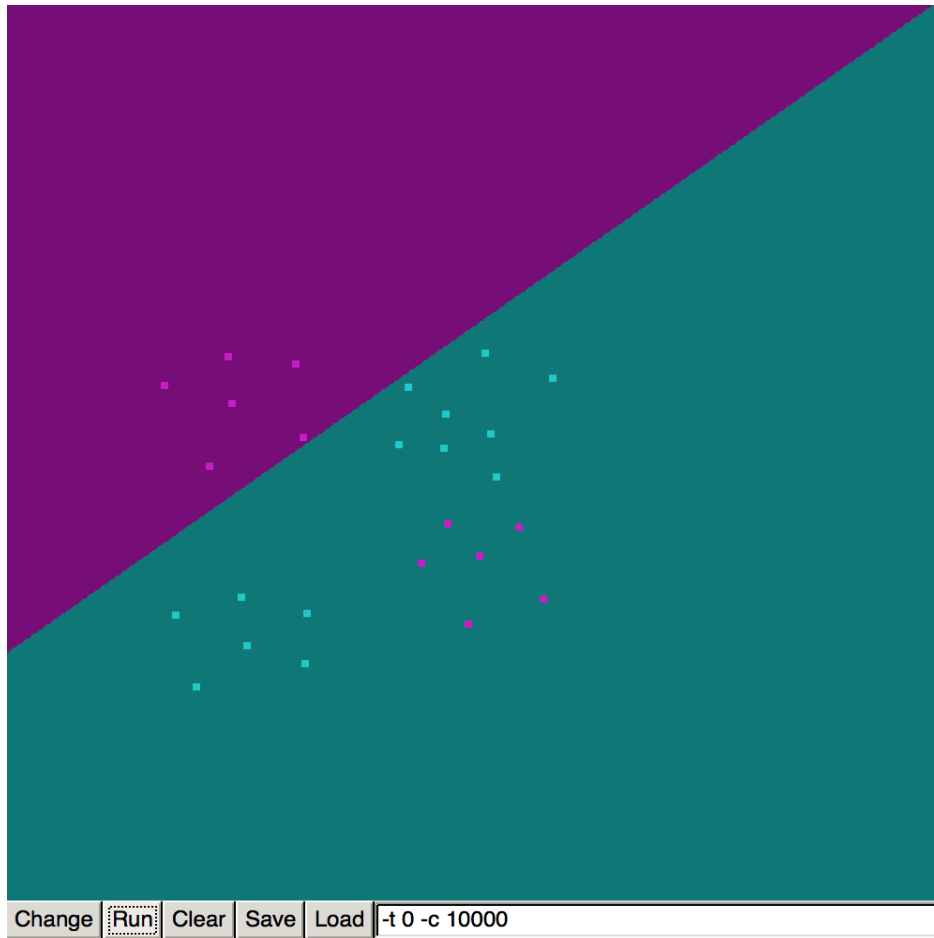
a)

b)



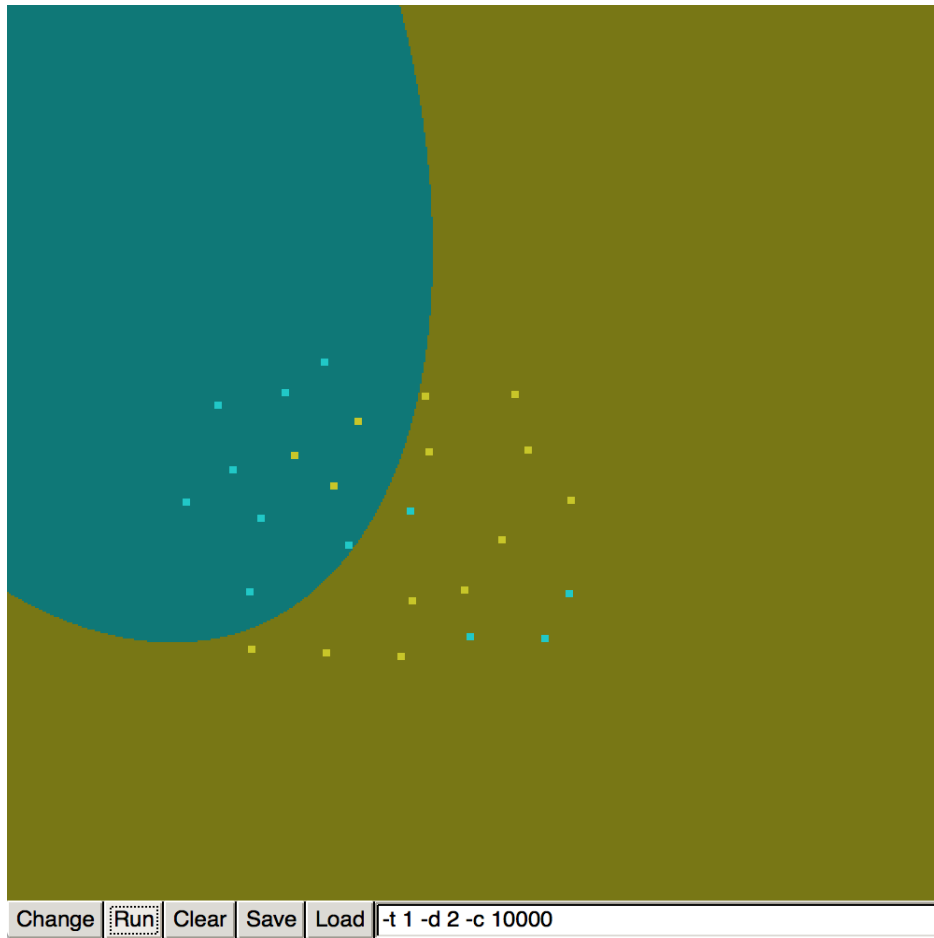


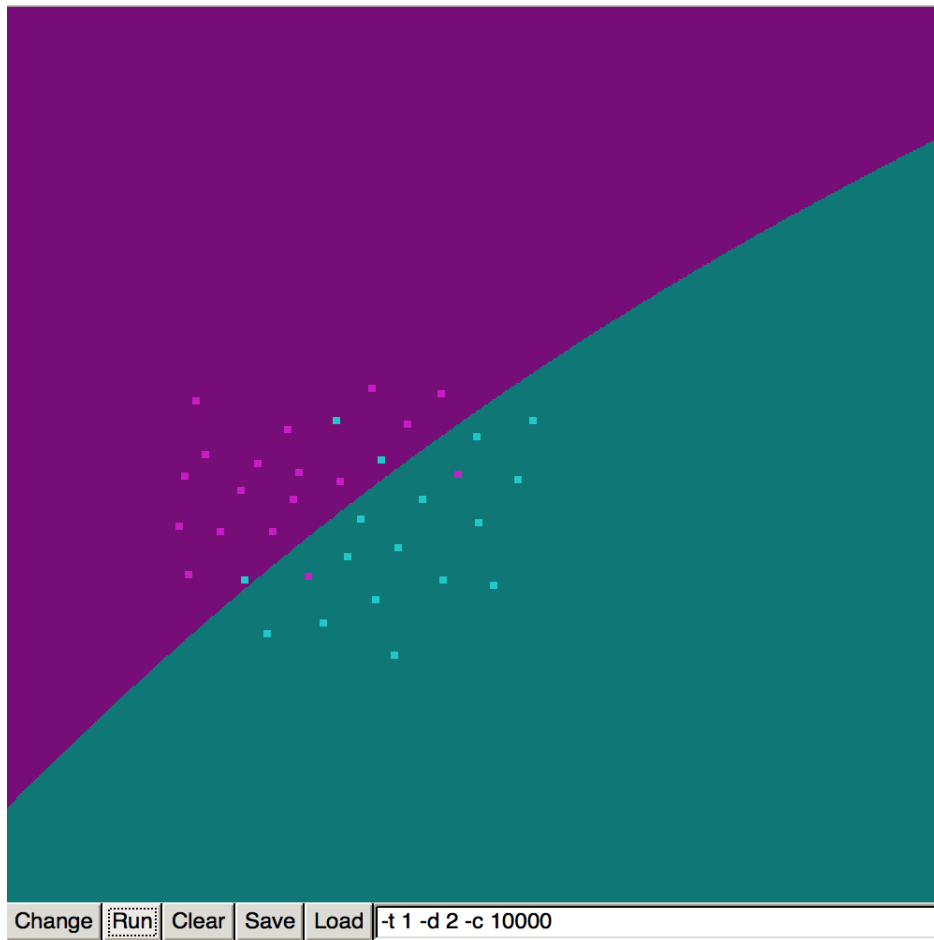


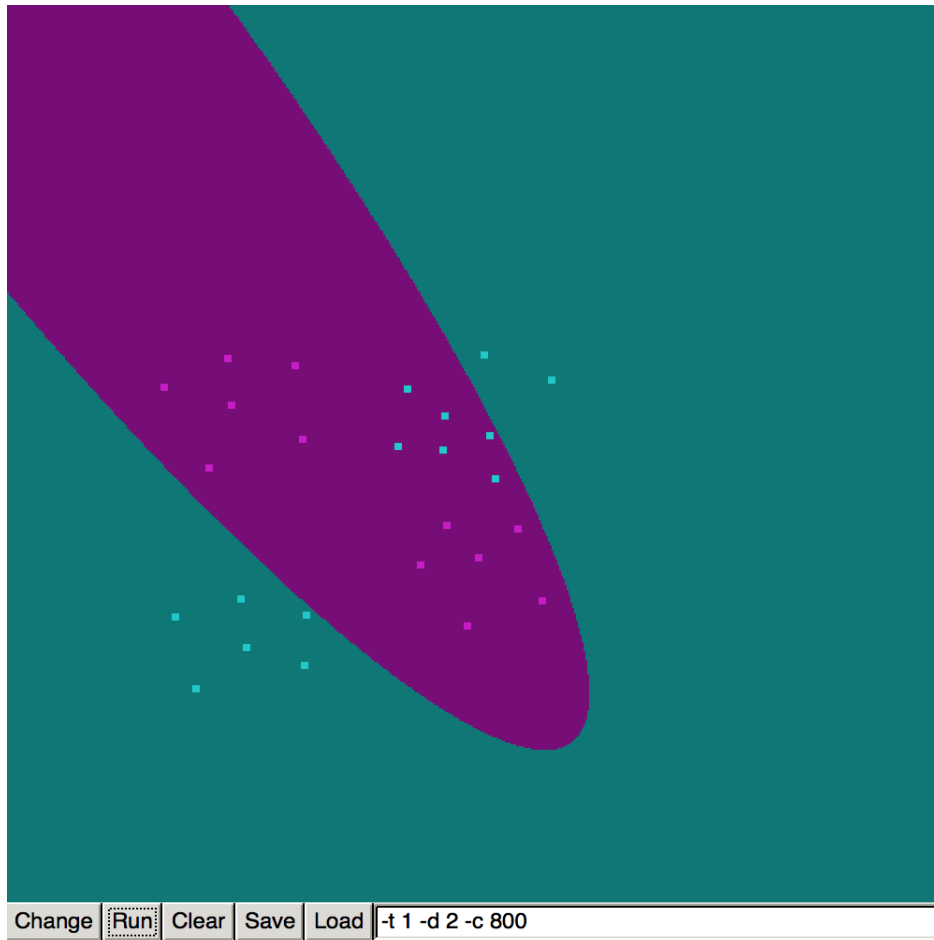


c)







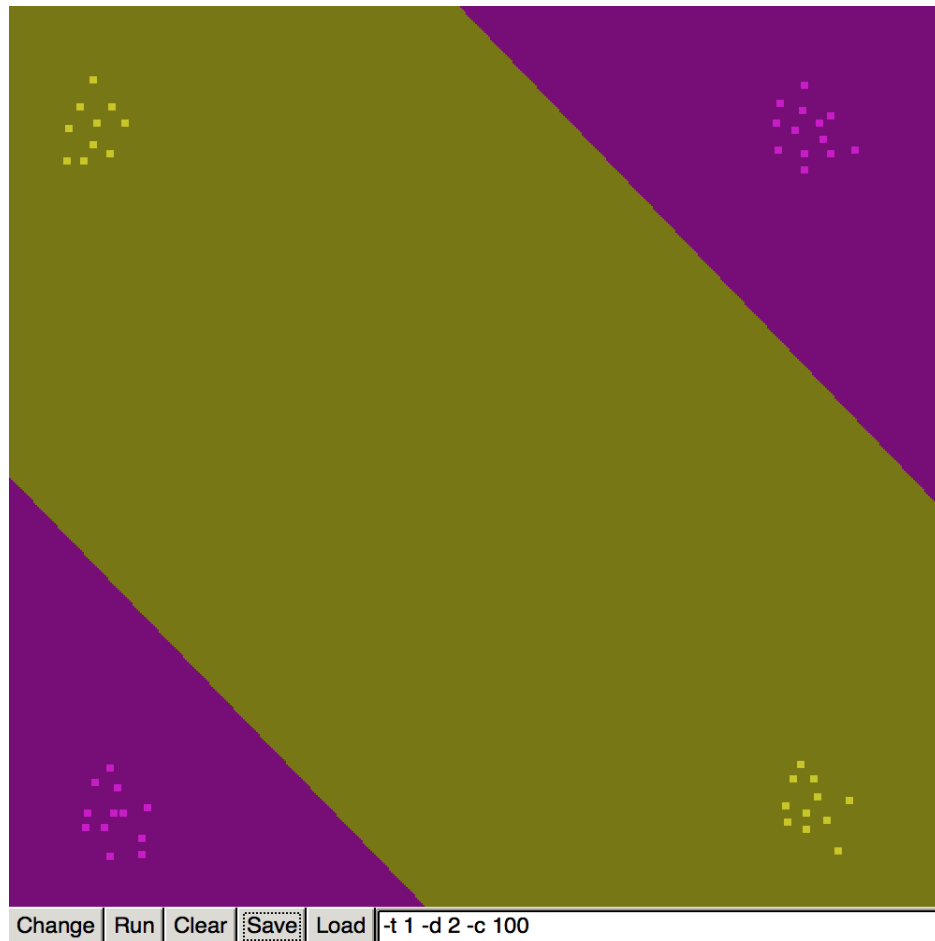


05.3

a)



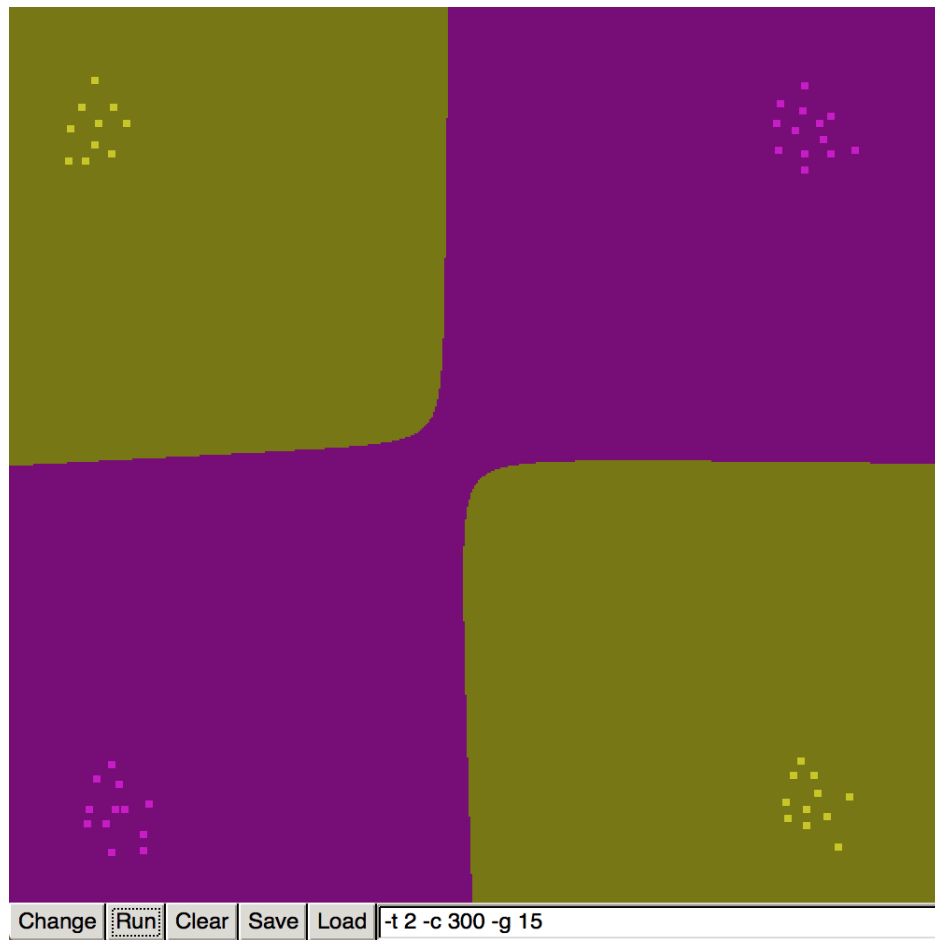
b)



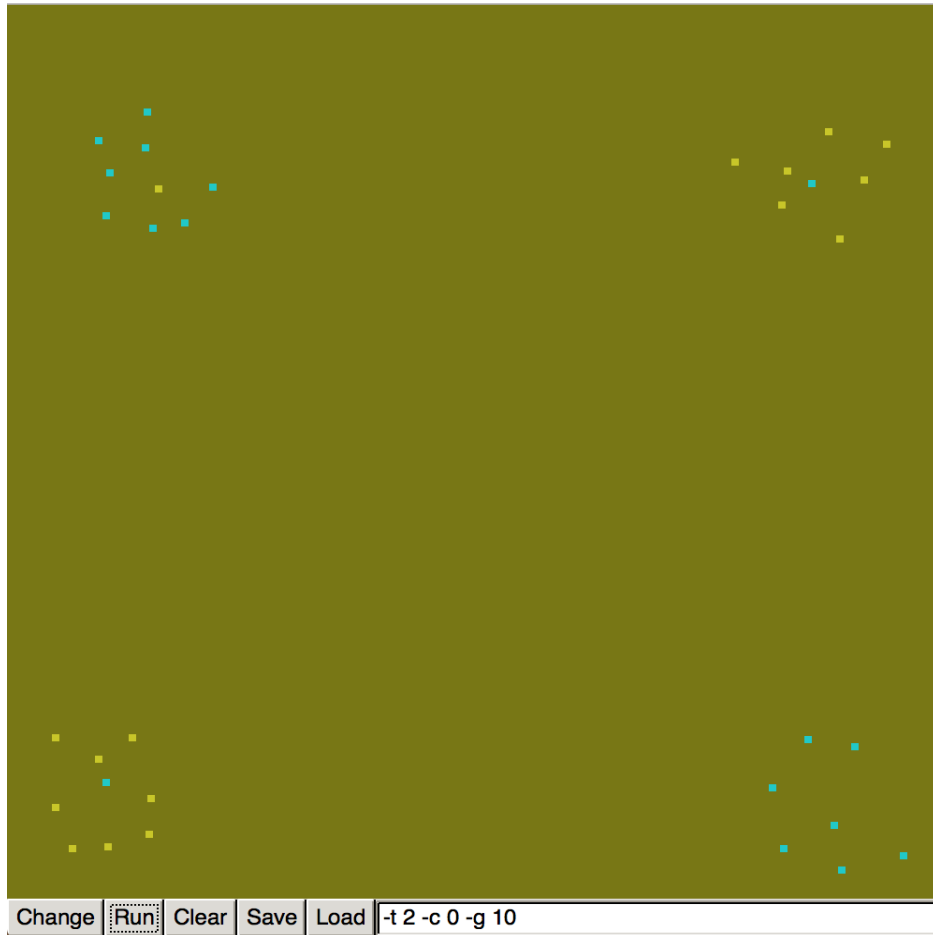


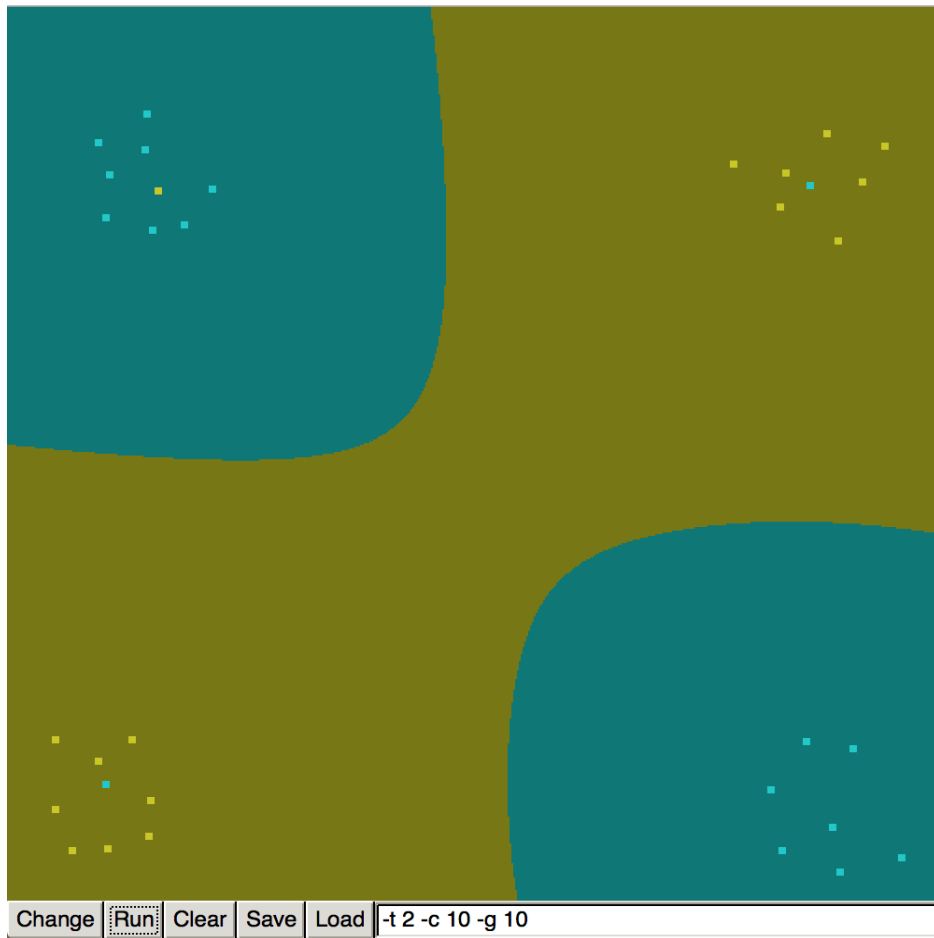
c)

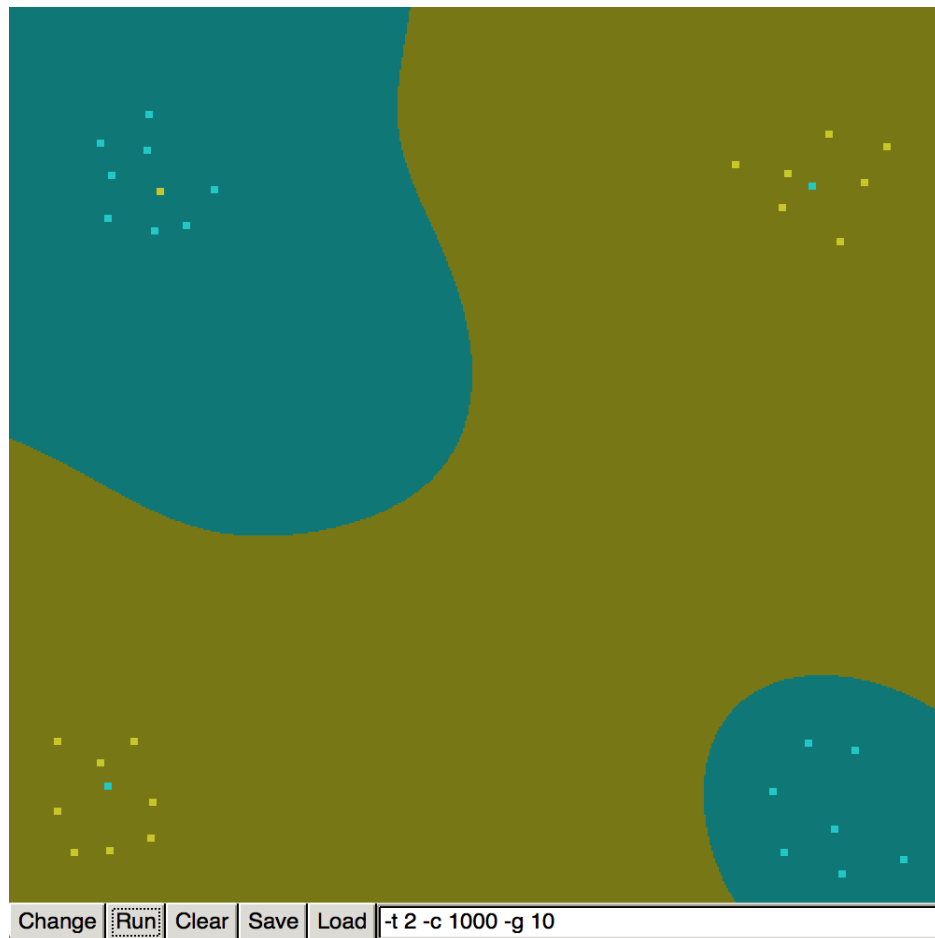




d)







The parameter C describes the penalty for misclassifying the different data points. It ranges from 0 to infinity and is therefore hard to choose.