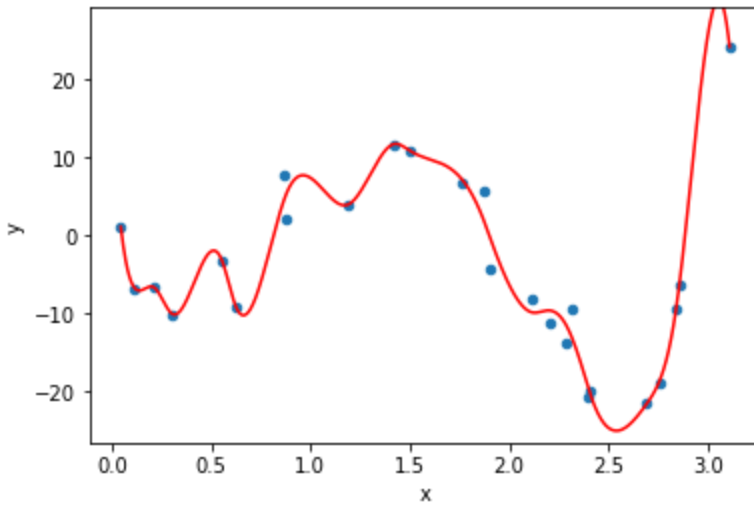


Question 1:

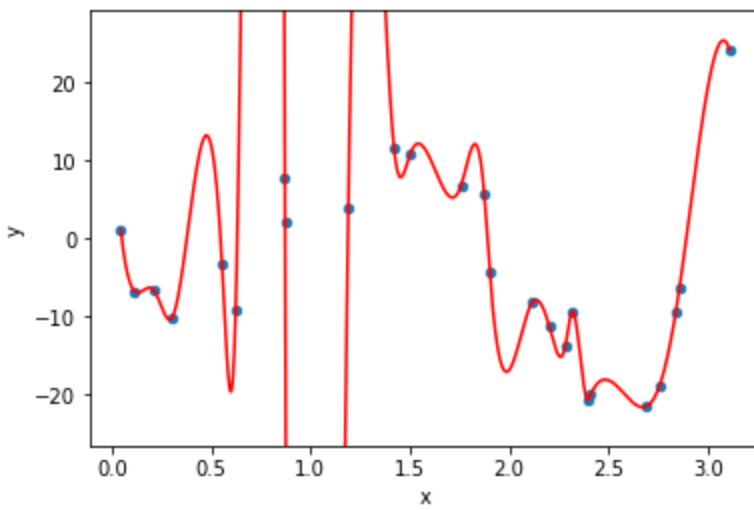
Question 1(c):

Question 1(c): the fitted function (K=9)



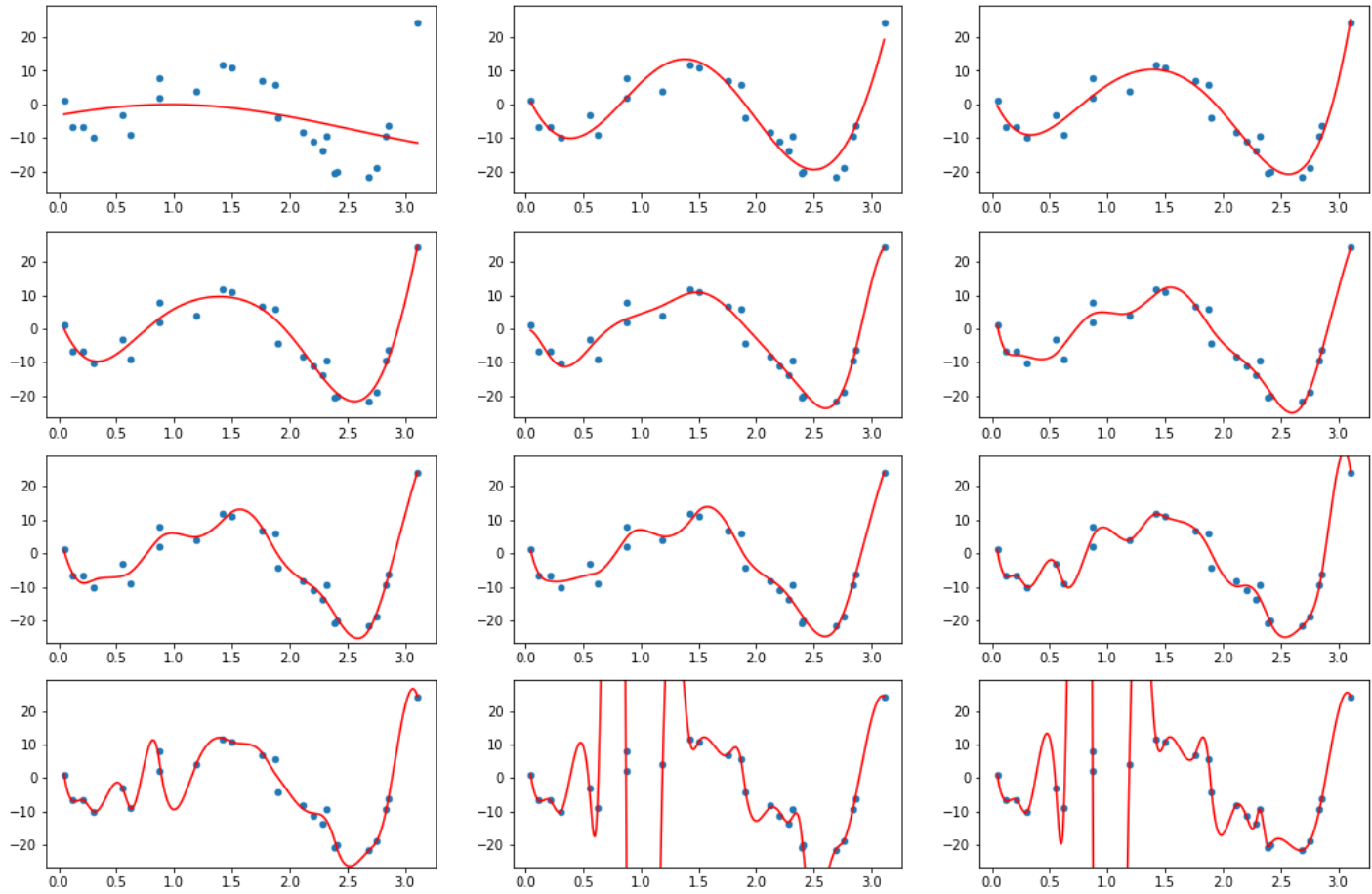
Question 1(d):

Question 1(d): the fitted function (K=12)



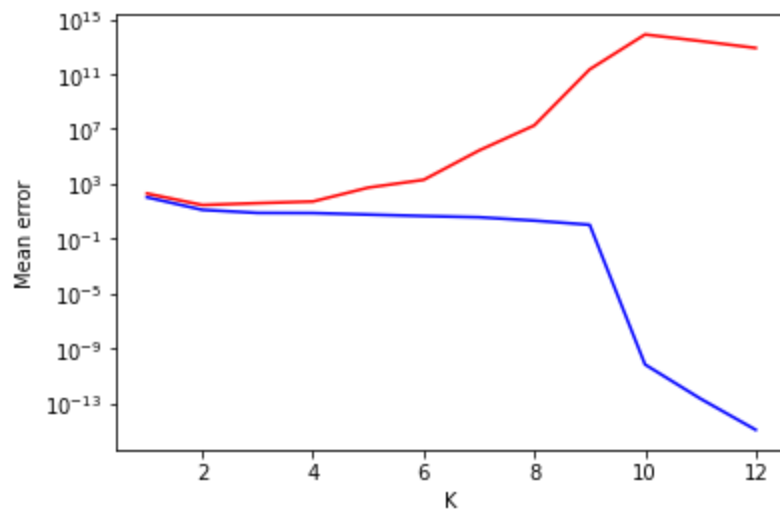
Question 1(e):

Question 1(e): fitted functions for many values of K

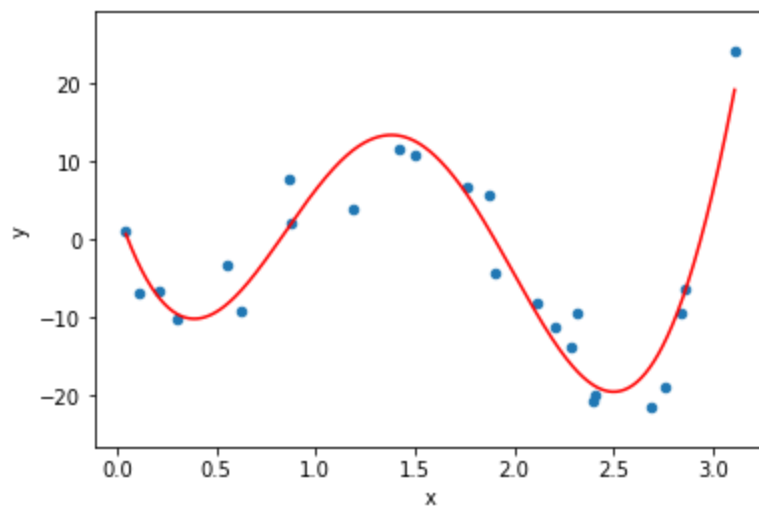


Question 1(f):

Question 1(f): mean training and validation error



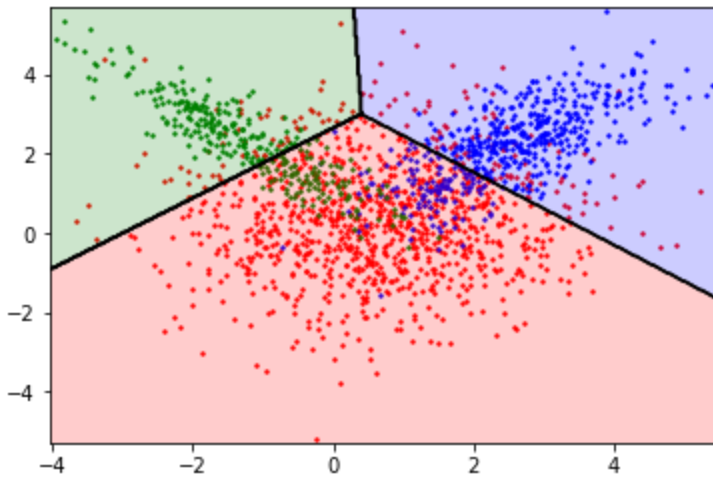
Question 1(f): the best fitting



Question 2:

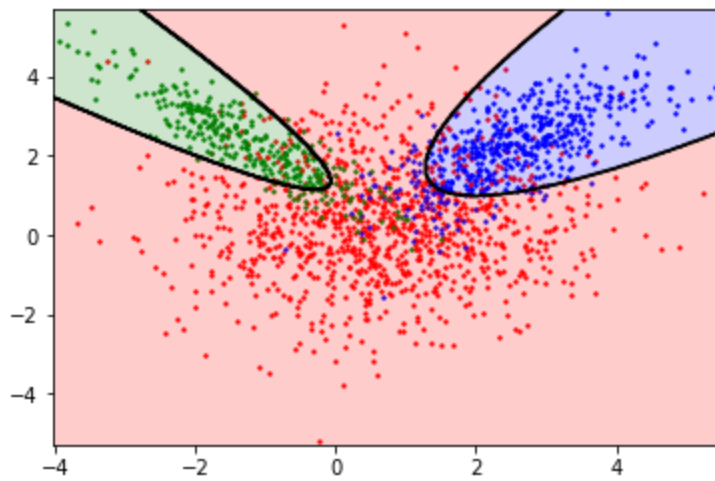
Question 2(b):

Question 2(b): decision boundaries for logistic regression



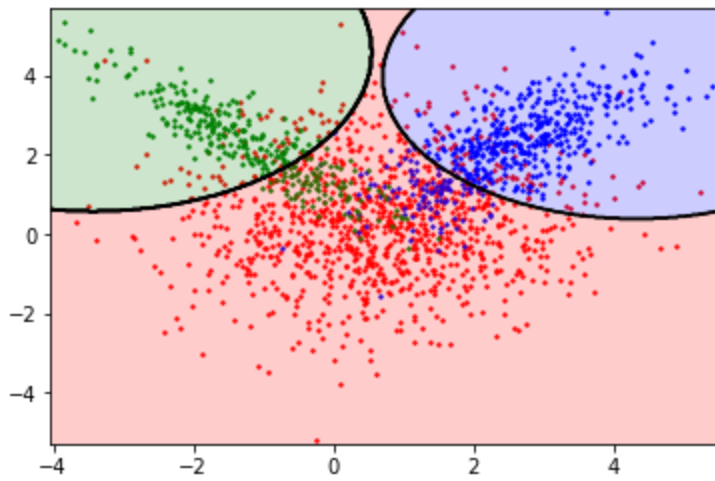
Question 2(c):

Question 2(c): decision boundaries for quadratic discriminant analysis



Question 2(d):

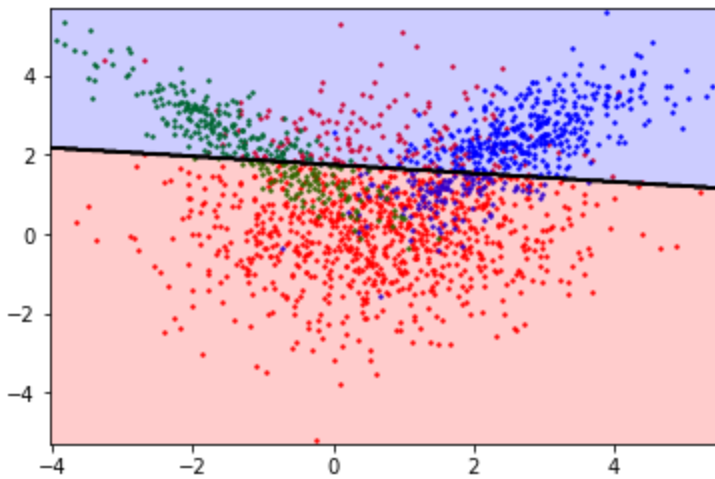
Question 2(d): decision boundaries for Gaussian naive Bayes



Question 3:

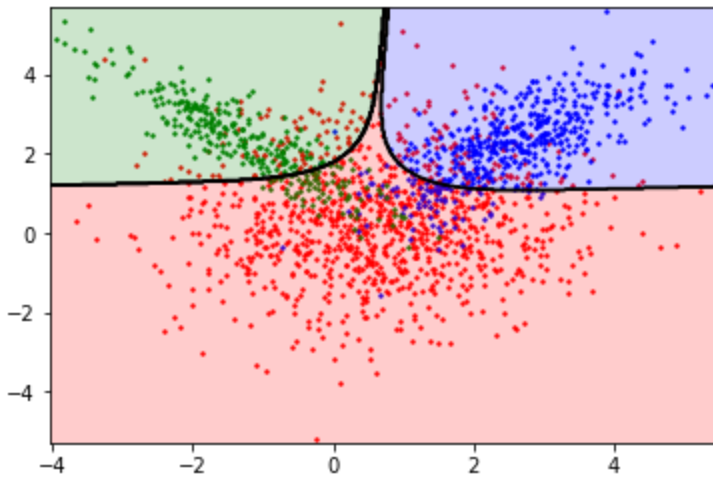
Question 3(b):

Question 3(b): Neural net with 1 hidden unit



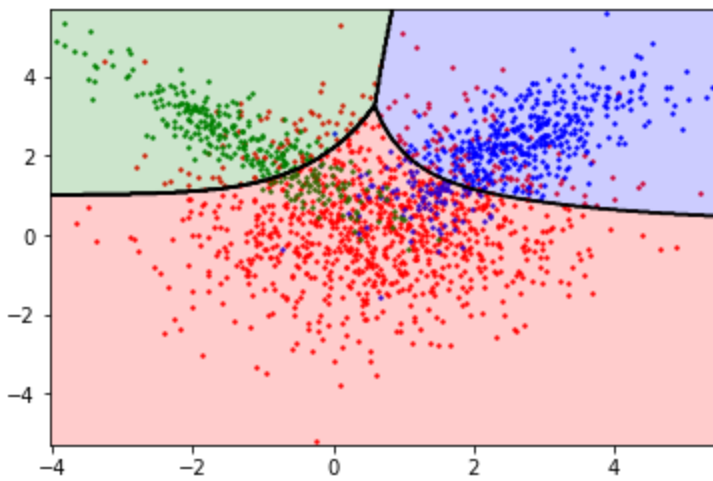
Question 3(c):

Question 3(c): Neural net with 2 hidden units



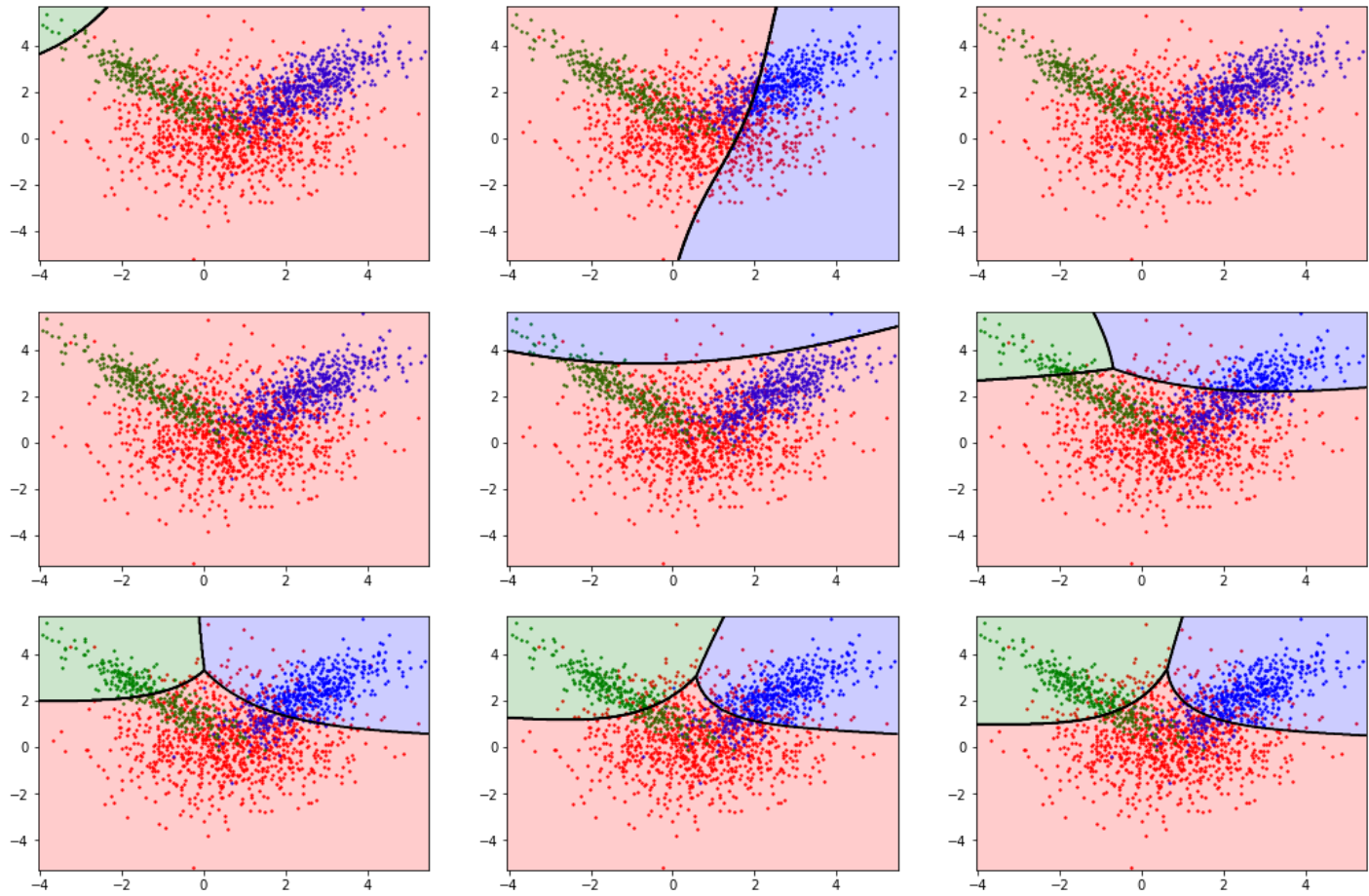
Question 3(d):

Question 3(d): Neural net with 9 hidden units



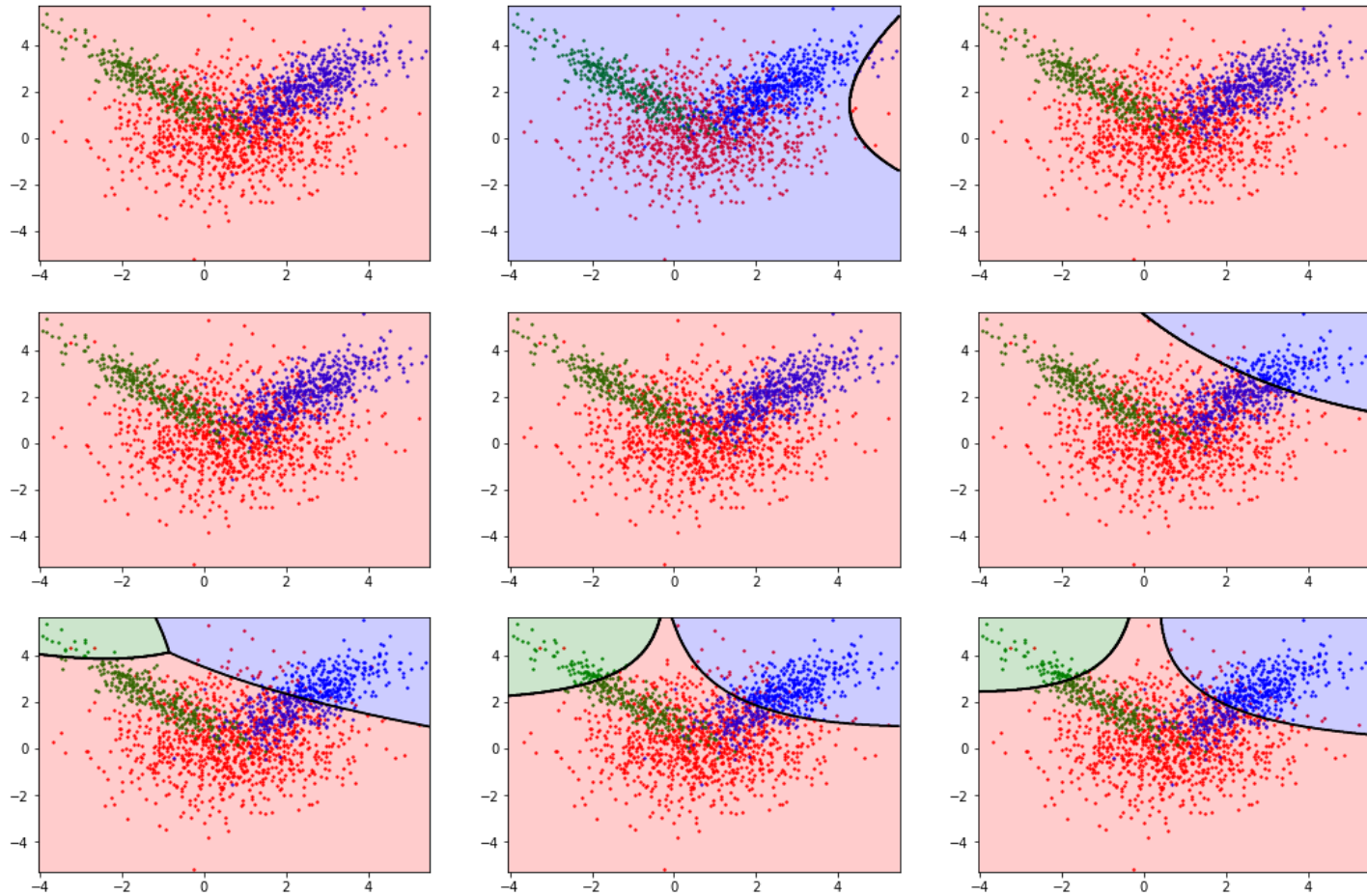
Question 3(e):

Question 3(e): different numbers of epochs



Question 3(f):

Question 3(f): different initial weights



Any graph for Question 4,5

I don't know