Machine Learning 6.867 - Pset 2

October 8, 2015
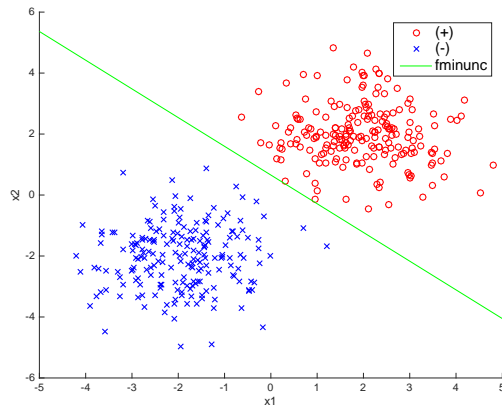
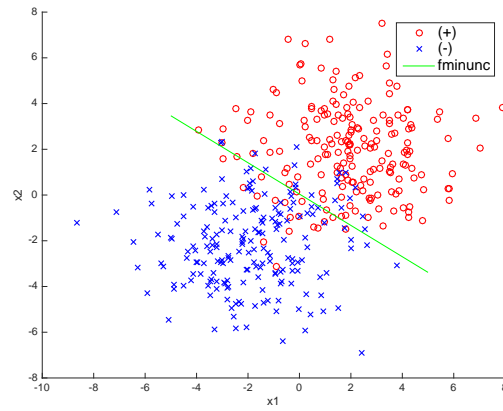# 1 Logistic Regression

1.1 Implementation

We implemented L_2-regularized logistic regression using gradient descent.

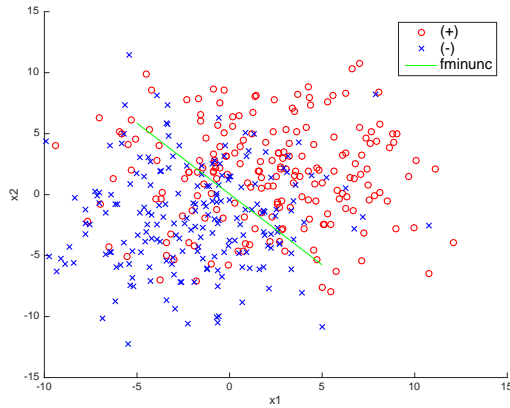## 1.2 Testing in data with $\lambda = 0$
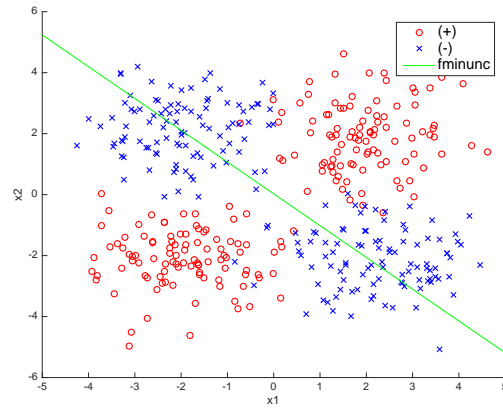
We test the logistic regression

(a) Data with $\sigma = 1$

(b) CData with $\sigma = 2$

(c) Data with $\sigma = 4$

(d) Non-seperable data

Figure 1

2   Support Vector Machine

2.1   Implementation

3   Titanic Data