import Extra\_features

import Extra\_features2

import pca

import pca2

import logistic

import log\_reg

import log

a=Extra\_features.main()

#Y\_train=pca.pca\_imp(a)

b=Extra\_features2.main()

X\_test=pca2.pca\_imp(b)

pca2.plot(X\_test)

Y\_train=[1,0,0,0,0,0,0,0,1,1]

theta= log\_reg.th(X\_test,Y\_train)

print '\n \n '

#print theta

#log\_reg.plot()

i=log.plot\_it

log.learning\_parameters(i,Y\_train,X\_test)