

net = patternnet([5 15 10]);

net = train(net,x,y2);

%view(net)

t = net(x\_test);

perf = perform(net,t,y\_test2);

irisOutputs = sim(net,x\_test);

[tpr,fpr,thresholds] = roc(y\_test2,irisOutputs);

figure

plotroc(y\_test2,irisOutputs)

