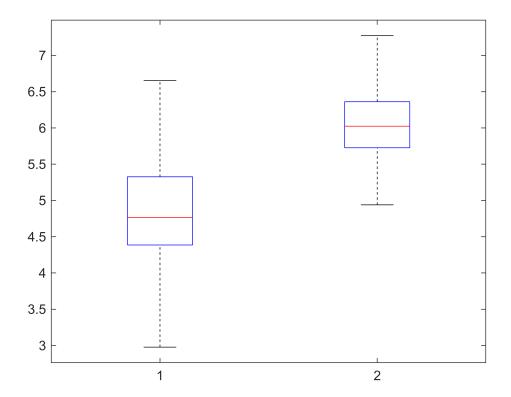
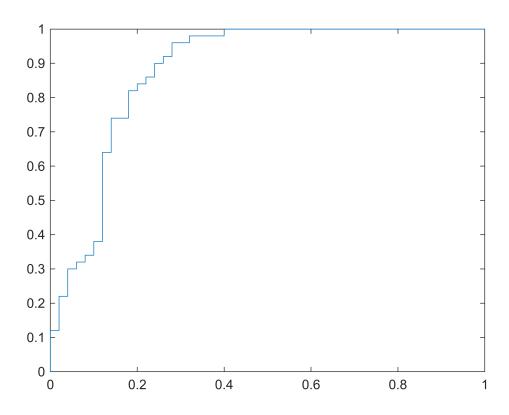
```
rng(2023)
d1=5+randn(50,1);
d2=6+.5*randn(50,1);
%a
boxplot([d1,d2])
```





```
dfpr=(fpr(2:end)-fpr(1:(end-1)))/2;
atpr=(tpr(2:end)+tpr(1:(end-1)))/2;
auc=sum(dfpr.*atpr)
```

auc = 0.4398