sample sizes 100 100

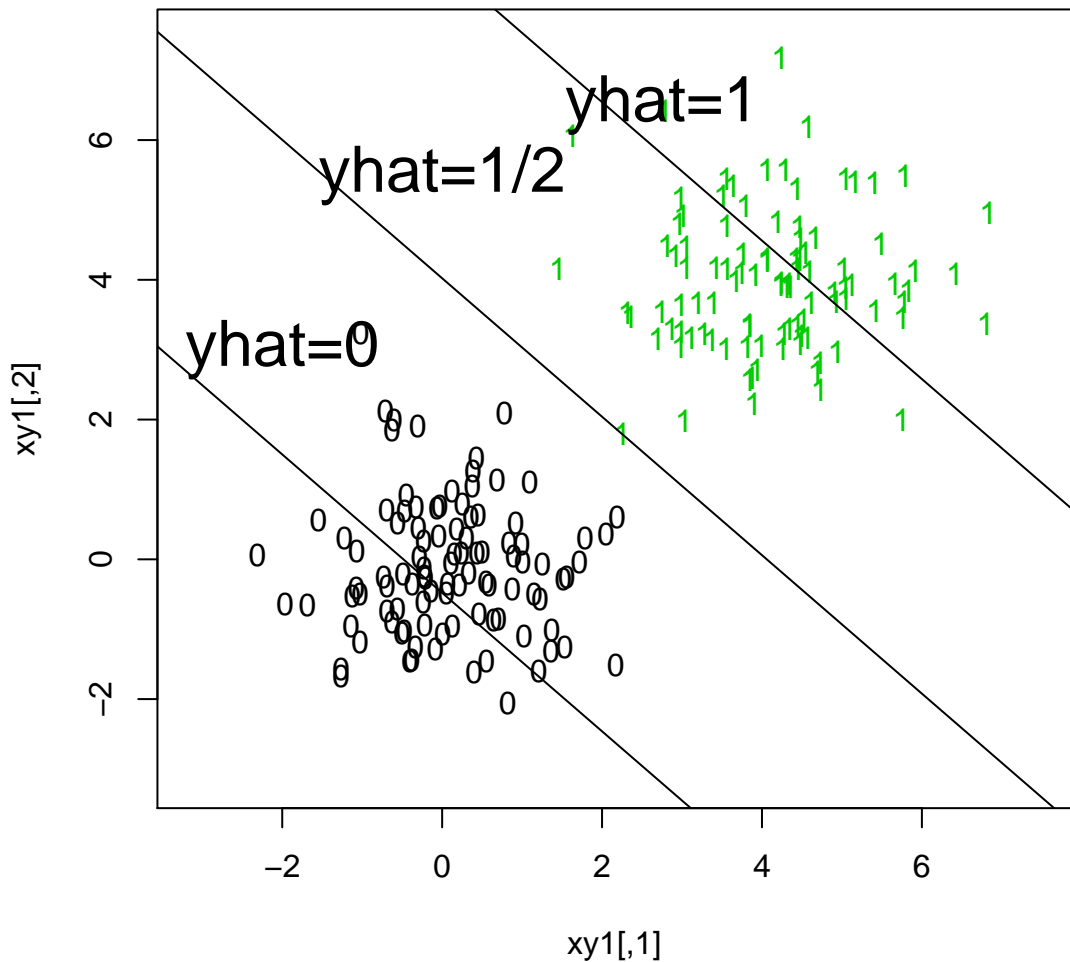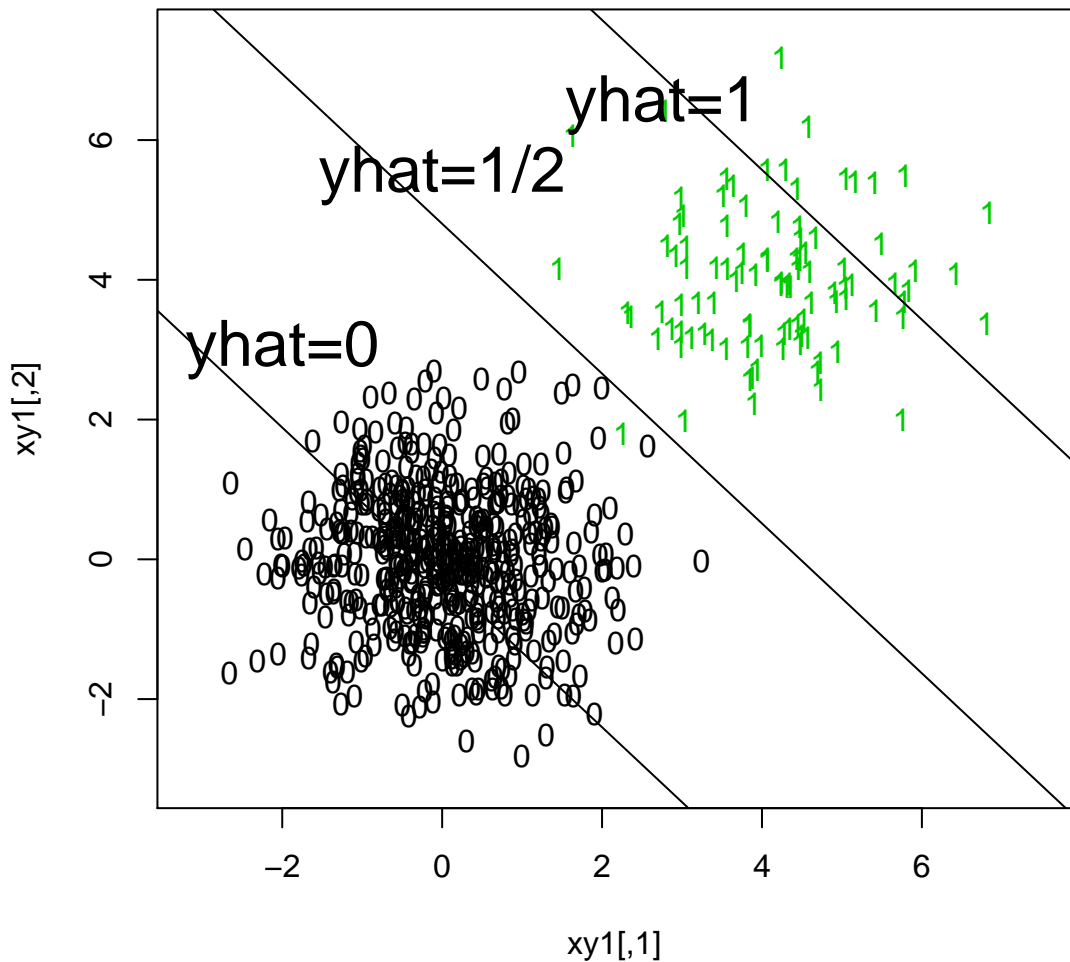**sample sizes 500 100**

sample sizes 1000 100