

Q1.

Train Accuracy: 0.9685

Test Accuracy: 0.8267

Commands:

```
mallet --import-svmlight --input examples/train2.vectors.txt --output examples/train2.vectors
```

```
mallet --import-svmlight --input examples/test2.vectors.txt --output test2.vectors --use-pipe-from train2.vectors
```

```
mallet train-classifier --trainer MaxEnt --input train2.vectors --output classifier q1/m1
```

```
vectors2classify --training-file train2.vectors --testing-file test2.vectors --trainer MaxEnt
```

```
classifier2info --classifier q1/m1 > q1/m1.txt
```

Q2.

Test Accuracy is 0.8267

Same as in Q1, since the same model file is used.