Ling570 Hw8

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**Table 1**

|  |  |  |
| --- | --- | --- |
|  | Training accuracy | Test accuracy |
| NaiveBayes | 0.952962962962963 | 0.952962962962963 |
| MaxEnt | 0.9685185185185186 | 0.8266666666666667 |
| DecisionTree | 0.6377777777777778 | 0.5233333333333333 |
| Winnow | 0.3340740740740741 | 0.3333333333333333 |
| BalancedWinnow | 0.88 | 0.7633333333333333 |

**Table 2**

|  |  |  |
| --- | --- | --- |
|  | Training accuracy | Test accuracy |
| three talk.politics.\* groups | 0.9685185185185186 | 0.8316498316498316 |
| four sci.\* groups | 0.9980555555555556 | 0.8813131313131313 |
| four rec.\* groups | 0.9986111111111111 | 0.9494949494949495 |