

Ling571
Zoe Fang

Q1.

Training acc: 0.6011

Testing acc: 0.1167

Q2.

Table 1 Bernoulli

| cond_prob_delta | Train acc | Test acc |
|-----------------|-----------|----------|
| 0.1 | 0.93 | 0.88 |
| 0.5 | 0.91 | 0.86 |
| 1.0 | 0.897 | 0.84 |

Q3.

Table 2 Multinomial

| cond_prob_delta | Train acc | Test acc |
|-----------------|-----------|----------|
| 0.1 | 0.96 | 0.91 |
| 0.5 | 0.95 | 0.91 |
| 1.0 | 0.94 | 0.9 |

Happy grading!