**n = 1**

**Classes**: “1”, “0”

**Vocab**: 'g', 'a', 'h', 'o', 't', ' ', 's', 'N', 'l', 'r', 'Y', 'b', 'n', 'u', 'd', 'e', 'p', '\n'

**Log-prior**: '1': -0.5108256237659907, '0': -0.916290731874155

**Log-likelihood:**

'g': '1': -3.7376696182833684, '0': -4.23410650459726 ,

'a': '1': -2.4849066497880004, '0': -2.1546649629174235 ,

'h': '1': -3.7376696182833684, '0': -4.23410650459726 ,

'o': '1': -2.3513752571634776, '0': -2.624668592163159 ,

't': '1': -3.044522437723423, '0': -4.23410650459726 ,

' ': '1': -1.8658674413817768, '0': -1.836211231798889 ,

's': '1': -3.332204510175204, '0': -3.1354942159291497 ,

'N': '1': -3.7376696182833684, '0': -4.23410650459726 ,

'l': '1': -3.044522437723423, '0': -4.23410650459726 ,

'r': '1': -2.639057329615259, '0': -2.4423470353692043 ,

'Y': '1': -3.332204510175204, '0': -3.1354942159291497 ,

'b': '1': -3.332204510175204, '0': -3.1354942159291497 ,

'n': '1': -3.7376696182833684, '0': -2.847812143477369 ,

'u': '1': -3.044522437723423, '0': -2.847812143477369 ,

'd': '1': -3.044522437723423, '0': -2.624668592163159 ,

'e': '1': -2.128231705849268, '0': -2.4423470353692043 ,

'p': '1': -3.044522437723423, '0': -3.1354942159291497 ,

'\n': '1': -3.332204510175204, '0': -3.1354942159291497

**Evaluation Metric:**

Macro-averaged precision: 0.875

Macro-averaged recall: 0.75

Macro-averaged F1: 0.8076923076923077

Micro-averaged precision: 0.8

Micro-averaged recall: 0.8

Micro-averaged F1: 0.8000000000000002