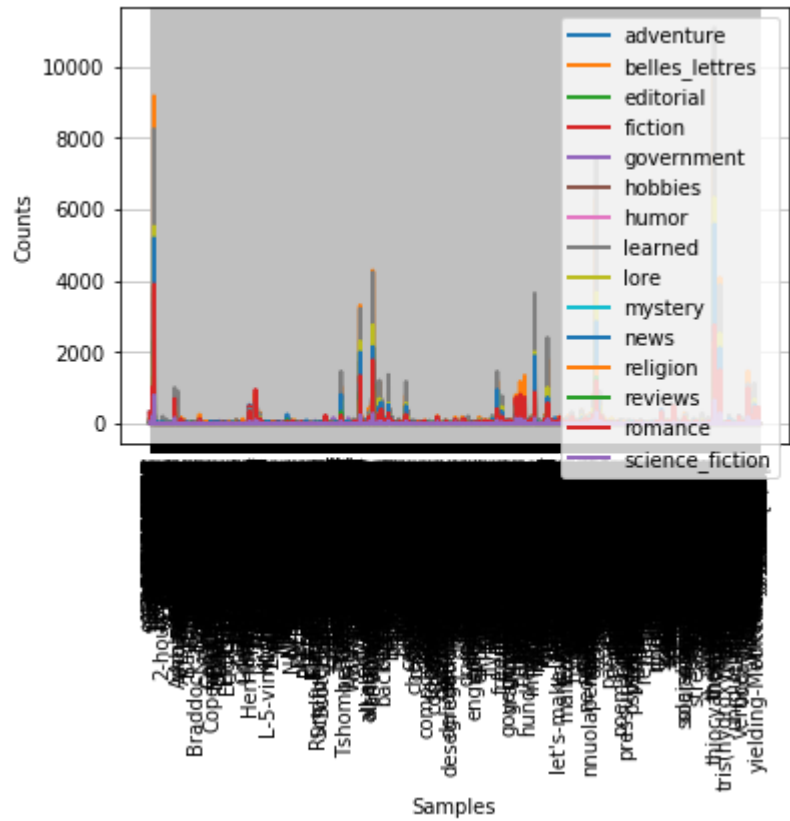


In [1]:

```
# -*- coding: utf-8 -*-
"""
@author: Ashraf
"""
import nltk
from nltk.corpus import brown
#nltk.download("brown")
print(brown.words())
cfd=nltk.ConditionalFreqDist(
    (genre,word)
    for genre in brown.categories()
    for word in brown.words(categories=genre))
genres=['news','religion','hobbies','science_fiction']
modals=['can','could','may','might','must','will']
cfd.tabulate(conditions=genres,samples=modals)
cfd.plot()
```

['The', 'Fulton', 'County', 'Grand', 'Jury', 'said', ...]

	can	could	may	might	must	will
news	93	86	66	38	50	389
religion	82	59	78	12	54	71
hobbies	268	58	131	22	83	264
science_fiction	16	49	4	12	8	16



In [ ]: