

Full label set;  
microF1=0.6751, macroF1=0.6222

True label

|                            |   |    |    |    |   |   |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |
|----------------------------|---|----|----|----|---|---|---|---|---|---|---|---|----|---|---|---|----|---|---|---|---|
| Legal/Regulation           | 1 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Opinionated News           | 0 | 14 | 3  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0  | 0 | 0 | 0 | 1  | 0 | 0 | 0 | 0 |
| News/Reporting             | 0 | 3  | 19 | 0  | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2  | 0 | 0 | 0 | 2  | 0 | 0 | 0 | 0 |
| Forum                      | 0 | 0  | 0  | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Correspondence             | 0 | 0  | 0  | 0  | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Invitation                 | 0 | 0  | 1  | 0  | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 1  | 0 | 0 | 0 | 1 |
| Instruction                | 0 | 0  | 0  | 0  | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0  | 2 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Recipe                     | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Opinion/Argumentation      | 0 | 2  | 0  | 0  | 0 | 0 | 0 | 0 | 9 | 0 | 3 | 0 | 0  | 0 | 0 | 1 | 2  | 0 | 0 | 0 | 0 |
| Promotion of Services      | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Promotion                  | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| List of Summaries/Excerpts | 0 | 1  | 1  | 0  | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 9 | 1  | 0 | 0 | 1 | 0  | 0 | 0 | 0 | 0 |
| Promotion of a Product     | 0 | 0  | 0  | 0  | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 16 | 0 | 0 | 0 | 1  | 0 | 0 | 0 | 0 |
| Call                       | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 |
| Review                     | 0 | 0  | 0  | 1  | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0  | 0 | 0 | 1 | 0  | 0 | 0 | 0 | 0 |
| Other                      | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0  | 0 | 0 | 2 | 2  | 0 | 0 | 0 | 0 |
| Information/Explanation    | 0 | 0  | 2  | 0  | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1  | 2 | 0 | 1 | 25 | 0 | 0 | 0 | 0 |
| Interview                  | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 1  | 1 | 0 | 0 | 0 |
| Prose                      | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 1  | 0 | 0 | 0 | 0 |
| Research Article           | 0 | 0  | 1  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 | 4 | 0 |
| Announcement               | 0 | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0  | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 3 |

Legal/Regulation  
Opinionated News  
News/Reporting  
Forum  
Correspondence  
Invitation  
Instruction  
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Promotion of Services  
Promotion  
List of Summaries/Excerpts  
Promotion of a Product  
Call  
Review  
Other  
Information/Explanation  
Interview  
Prose  
Research Article  
Announcement

Predicted label