|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Experiment | Fold | Accuracy | Correct | Total |
| 1 | 1 | 74.16% | 1581 | 2132 |
|  | 2 | 74.81% | 1595 | 2132 |
|  | 3 | 73.78% | 1573 | 2132 |
|  | 4 | 75.05% | 1600 | 2132 |
|  | 5 | 74.55% | 1591 | 2134 |
| Average of accuracy | | 74.47% | | |
| 2 | 1 | 74.14% | 1580 | 2131 |
|  | 2 | 74.81% | 1595 | 2132 |
|  | 3 | 73.86% | 1574 | 2131 |
|  | 4 | 74.95% | 1598 | 2132 |
|  | 5 | 74.59% | 1591 | 2133 |
| Average of accuracy | | 74.47% | | |
| 3 | 1 | 74.53% | 1589 | 2132 |
|  | 2 | 75.09% | 1601 | 2132 |
|  | 3 | 74.72% | 1593 | 2132 |
|  | 4 | 75.84% | 1617 | 2132 |
|  | 5 | 75.73% | 1616 | 2134 |
| Average of accuracy | | 75.182% | | |
| 4 | 1 | 84.05% | 1791 | 2131 |
|  | 2 | 83.30% | 1776 | 2132 |
|  | 3 | 82.12% | 1750 | 2131 |
|  | 4 | 83.02% | 1770 | 2132 |
|  | 5 | 82.42% | 1758 | 2133 |
| Average of accuracy | | 82.982% | | |

1. Which condition gives the best result?

Experment 4 with Top 2000 words, no Word Stemming, Normalized Freq gives the best result.

2. What conclusions can you make?

3. Which features are more useful and why do you think so?

4. Examine the sentences that are classified wrongly. Why do you think that they are classified

wrongly?