use_TM: False, total_X_shape: (2362, 144374), ngram: [3, 4], split_size: 0.2

F-score results

	Bernoulli NB	MultinomialNB	Logistic Regression	SVM with linear kernel
Training Acc	91.27	99.15	100.0	100.0
Testing Acc	73.36	84.78	84.99	85.62
+ Precision	0.87	0.84	0.86	0.88
+ Recall	0.6	0.89	0.87	0.85
+ F-beta	0.71	0.87	0.86	0.87
- Precision	0.65	0.86	0.84	0.83
- Recall	0.89	0.79	0.82	0.86
- F-beta	0.75	0.83	0.83	0.84