

Bayesian Sets & Iterative Bayesian Sets(topK)	Precision	Recall	F-Score
SVM Performance on full data set, c = 0.1:	0.9601	0.8935	0.9256
Reduced set 1(10%):			
SVM Performance on the reduced data set:	0.9434	0.6452	0.7663
SVM Performance on the augmented data sets:			
SVM Bayesian Sets:	0.682	0.4774	0.5617
SVM IterativeBayes(k=1):	0.943	0.5871	0.7237
SVM IterativeBayes(k=0.05):	0.9461	0.6516	0.7717
Reduced set 2 (33%):			
SVM Performance on the reduced data set:	0.9579	0.8081	0.8766
SVM Performance on the augmented data sets:			
SVM Bayesian Sets:	0.5979	0.6452	0.6206
SVM IterativeBayes(k=1):	0.6181	0.5403	0.5766
SVM IterativeBayes(k=0.05):	0.9417	0.8081	0.8698
Reduced set 3 (80%):			
SVM Performance on the reduced data set:	0.9487	0.8645	0.9046
SVM Performance on the augmented data sets:			
SVM Bayesian Sets:	0.7744	0.7419	0.7578
SVM IterativeBayes(k=1):	0.6409	0.6677	0.654
SVM IterativeBayes(k=0.05):	0.9601	0.8935	0.9256