

bush dataset

Phase 1 results		
Classifier	Parameters	Mean F1
KNeighborsClassifier	n_neighbors=1	0.14038767
KNeighborsClassifier	n_neighbors=3	0.05754562
KNeighborsClassifier	n_neighbors=5	0.01790637
SVC (Best result)	C = 100, kernel = 'poly', degree = 3, coef0 = 1	0.6343929833
Phase 2 best results		
Best result for KNeighborsClassifier		
PCA parameters	n_components = 200	
KNeighborsClassifier parameters	n_neighbors = 1	
Mean F1		0.1424657128
Best result for SVC		
PCA parameters	n_components = 3000	
SVC parameters	C = 100, kernel = 'poly', degree = 3, coef0 = 1	
Mean F1		0.6339804292