

Phase 1 results		
Classifier	Parameters	Mean F1
KNeighborsClassifier	n_neighbors=1	0.182608697
KNeighborsClassifier	n_neighbors=3	0
KNeighborsClassifier	n_neighbors=5	0
SVC (Best result)	C = 1, kernal = 'linear'	0.518742983
Phase 2 best results		
Best result for KNeighborsClassifier		
PCA parameters	n_components = 54	
KNeighborsClassifier parameters	n_neighbours=1	
Mean F1	0.165505457	
Best result for SVC		
PCA parameters	n_components = 1	
SVC parameters	C = 0.1	kernal = 'linear', class_weight = 'balanced'
Mean F1	0.63849112	