

Phase 1 results		
Classifier	Parameters	Mean F1
KNeighborsClassifier	n_neighbors=1	0.230716143
KNeighborsClassifier	n_neighbors=3	0
KNeighborsClassifier	n_neighbors=5	0
SVC (Best result)	C = 100. kernel = linear	0.482608697

Phase 2 best results	
Best result for KNeighborsClassifier	
PCA parameters	n_components=170
KNeighborsClassifier parameters	n_neighbors=1
Mean F1	0.32764359

Best result for SVC	
PCA parameters	n_components=2250, random_state = 6925
SVC parameters	C = 1, kernel = 'sigmoid', gamma = 0.000244141
Mean F1	0.51594203