

Phase 1 results		
Classifier	Parameters	Mean F1
KNeighborsClassifier	n_neighbors=1	0.139423483
KNeighborsClassifier	n_neighbors=3	0.094405671
KNeighborsClassifier	n_neighbors=5	0.035327385
SVC (Best result)	C=1000, Kernel=rbf, Gamma=0.0001	0.658792842

Phase 2 best results	
Best result for KNeighborsClassifier	
PCA parameters	n_components=77, whiten=False, svd_solver='full'
KNeighborsClassifier parameters	n_neighbors=1
Mean F1	0.159391963

Best result for SVC	
PCA parameters	n_components=1752
SVC parameters	C=1000.0, gamma=0.0001, kernel='rbf'
Mean F1	0.651077213