Phase 1 results

Classifier	Parameters	Mean F1
KNeighborsClassifier	n_neighbors=1	0.132655799
KNeighborsClassifier	n_neighbors=3	0.048719958
KNeighborsClassifier	n_neighbors=5	0.018018653
SVC (Best result)	C=0.1,kernel=linear	0.659584954

Phase 2 best results

Best result for KNeighborsClassifier

PCA parameters	n_components=107
KNeighborsClassifier parameters	n_neighbours =1
Mean F1	0.151666912

Best result for SVC

PCA parameters	n_components=3300
SVC parameters	C=0.1,kernel='linear'
Mean F1	0.658783586