Classifier	**KNeighborsClassifier**			
Parameters	n_neighbors=1			
	result1	result2	result3	Man result
fit_time	9.80150533	10.94568229	10.60962105	10.45226955
score_time	1891.529475	1991.601822	1965.625721	1949.585672
test_f1	0.25	0.1	0.28571429	**0.211904762**
test_precision	0.5	0.33333333	0.75	0.527777778
test_recall	0.16666667	0.05882353	0.17647059	0.133986928

Classifier	**KNeighborsClassifier**			
Parameters	n_neighbors=3			
	result1	result2	result3	Mean result
fit_time	7.55080795	6.31212354	6.23433137	6.69908762
score_time	920.0895207	908.8670075	908.6483269	912.5349517
test_f1	0	0	0	**0**
test_precision	0	0	0	0
test_recall	0	0	0	0

Classifier	**KNeighborsClassifier**			
Parameters	n_neighbors=5			
	result1	result2	result3	Mean result
fit_time	10.20854616	10.04882407	9.17715669	9.811508973
score_time	1833.335201	1830.088502	1833.012019	1832.145241
test_f1	0	0	0	**0**
test_precision	0	0	0	0
test_recall	0	0	0	0

SVC classifier parameters that returned a mean zero f1

C	kernel	degree	gamma	coef0	Mean result
0.001	linear	N/A	N/A	0	0
1	poly	3	N/A	1	0
2	poly	3	N/A	1	0
3	poly	3	N/A	1	0
0.1	rbf	N/A	0.000884832	0	0
1	rbf	N/A	0.000884832	0	0
2	rbf	N/A	0.000884832	0	0
3	rbf	N/A	0.000884832	0	0

Best (in terms of mean F1) SVC result I got

Parameters	C=1	kernel=linear		
	result1	result2	result3	Mean result
fit_time	25.80657268	24.64823556	26.29670453	25.58383759
score_time	26.84471703	25.68049312	27.13464499	26.55328505
test_f1	0.42857143	0.44444444	0.57142857	**0.481481481**
test_precision	0.6	0.6	0.72727273	0.642424242
test_recall	0.33333333	0.35294118	0.47058824	0.385620915

Gamma=(1/(X.shape[1]*X.std()))=0.0008848321288178395