

Classifier	KNeighborsClassifier			
Parameters	n_neighbors=1			
	result1	result2	result3	mean result
fit_time	9.75141215	9.27541089	9.34785676	9.458226601
score_time	981.2184694	1040.128439	1043.703433	1021.683447
test_f1	0.12727273	0.16969697	0.14985591	0.148941868
test_precision	0.1372549	0.18300654	0.15204678	0.157436074
test_recall	0.11864407	0.15819209	0.14772727	0.141521144

Classifier	KNeighborsClassifier			
Parameters	n_neighbors=3			
	result1	result2	result3	mean result
fit_time	9.72189474	9.5907402	9.3780787	9.563571215
score_time	1039.63955	999.5642631	982.6401181	1007.28131
test_f1	0.04784689	0.05714286	0.08294931	0.062646352
test_precision	0.15625	0.18181818	0.2195122	0.185860126
test_recall	0.02824859	0.03389831	0.05113636	0.037761085

Classifier	KNeighborsClassifier			
Parameters	n_neighbors=5			
	result1	result2	result3	mean result
fit_time	9.72189474	9.5907402	9.3780787	9.563571215
score_time	1039.63955	999.5642631	982.6401181	1007.28131
test_f1	0.04784689	0.05714286	0.08294931	0.062646352
test_precision	0.15625	0.18181818	0.2195122	0.185860126
test_recall	0.02824859	0.03389831	0.05113636	0.037761085

SVC classifier parameters that returned a mean zero f1

C	kernel	degree	gamma	
1	poly		3	N/A
1	poly		5	N/A
10	poly		3	N/A
1	rbf	N/A	auto	
1	rbf	N/A		1
10	rbf	N/A	auto	
10000	rbf	N/A		1

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

Parameters	C=2000	kernel=rbf	gamma=0.0001	
	result1	result2	result3	mean result
fit_time	78.74114037	69.89743829	78.50142002	75.71333289
score_time	83.58280587	81.5098021	82.37725186	82.48995328
test_f1	0.62893082	0.61392405	0.6474359	0.630096922
test_precision	0.70921986	0.69784173	0.74264706	0.716569548
test_recall	0.56497175	0.5480226	0.57386364	0.562285996