

Classifier	KNeighborsClassifier				
Parameters	n_neighbors=1				
	result1	result2	result3	mean result	
fit_time	9.38291407	9.71801519	9.88457394	9.6618344	
score_time	1162.785058	1163.468233	1167.141411	1164.464901	
test_f1	0.09340659	0.12765957	0.14438503	0.121817063	
test_precision	0.09090909	0.13815789	0.13636364	0.121810207	
test_recall	0.0960452	0.11864407	0.15340909	0.122699453	
Classifier	KNeighborsClassifier				
Parameters	n_neighbors=3				
	result1	result2	result3	mean result	
fit_time	10.01223469	9.99528003	10.03716588	10.01489353	
score_time	1151.421264	1143.474599	1146.360792	1147.085552	
test_f1	0.0657277	0.05102041	0.13333333	0.08336048	
test_precision	0.19444444	0.26315789	0.30612245	0.254574927	
test_recall	0.03954802	0.02824859	0.08522727	0.05100796	
Classifier	KNeighborsClassifier				
Parameters	n_neighbors=5				
	result1	result2	result3	mean result	
fit_time	10.19973087	9.04481602	9.80478263	9.68310984	
score_time	1214.443764	1211.126633	1215.372319	1213.647572	
test_f1	0.02185792	0	0.09045226	0.037436727	
test_precision	0.33333333	0	0.39130435	0.241545893	
test_recall	0.01129944	0	0.05113636	0.020811933	
SVC classifier parameters that returned a mean zero f1					
C	kernel	degree	gamma	class_weight	f1_mean
1	linear	N/A	N/A	N/A	0.619145133
2	linear	N/A	N/A	N/A	0.619145133
3	linear	N/A	N/A	N/A	0.619145133
10	linear	N/A	N/A	N/A	0.619145133
0.5	linear	N/A	N/A	N/A	0.6121354
0.1	linear	N/A	N/A	N/A	0.622470063
0.01	linear	N/A	N/A	N/A	0.15172095
1	linear	N/A	N/A	balanced	0.619145133
10	linear	N/A	N/A	balanced	0.619145133
0.1	linear	N/A	N/A	balanced	0.63849112
1	poly	3	N/A	N/A	0
3	poly	3	N/A	N/A	0
10	poly	3	N/A	N/A	0
0.5	poly	3	N/A	N/A	0
0.1	poly	3	N/A	N/A	0
1	poly	1	N/A	N/A	0
10	poly	1	N/A	N/A	0
0.1	poly	1	N/A	N/A	0

1	poly	5	N/A	N/A	0
10	poly	5	N/A	N/A	0
0.1	poly	5	N/A	N/A	0
1	rbf	N/A	auto	N/A	0
10	rbf	N/A	auto	N/A	0
0.1	rbf	N/A	auto	N/A	0
1	rbf	N/A	scale	N/A	0
10	rbf	N/A	scale	N/A	0
0.1	rbf	N/A	scale	N/A	0
1	sigmoid	N/A	N/A	N/A	0
10	sigmoid	N/A	N/A	N/A	0.05851809
0.1	sigmoid	N/A	N/A	N/A	0
Best (in terms of mean F1) SVC result I got					
Parameters	C = 0.1	kernel = linear	class_weight = balanced		
	result1	result2	result3	mean result	
fit_time	119.3958583	118.4768808	114.5296454	117.4674615	
score_time	139.7905512	140.9103177	132.3100152	137.6702947	
test_f1	0.66081871	0.65465465	0.6	0.63849112	
test_precision	0.68484848	0.69871795	0.64285714	0.675474523	
test_recall	0.63841808	0.61581921	0.5625	0.605579097	