

Classifier KNeighborsClassifier
Parameters n_neighbors=1

	result1	result2	result3	mean result
fit_time	5.03912306	5.1881249	5.04586196	
score_time	954.3408599	957.318552	957.8084559	
test_f1	0.12834225	0.15434084	0.16085791	
test_precision	0.12182741	0.17910448	0.15228426	
test_recall	0.13559322	0.13559322	0.17045455	

Classifier KNeighborsClassifier
Parameters n_neighbors=3

	result1	result2	result3	mean result
fit_time	4.924582	5.02487421	5.31349206	
score_time	953.802372	957.0233059	951.643811	
test_f1	0.02690583	0.07106599	0.11374408	
test_precision	0.06521739	0.35	0.34285714	
test_recall	0.01694915	0.03954802	0.06818182	

Classifier KNeighborsClassifier
Parameters n_neighbors=5

	result1	result2	result3	mean result
fit_time	5.07412386	4.95722389	5.18560195	
score_time	961.2310932	957.529923	960.4045391	
test_f1	0.04	0	0.06282723	
test_precision	0.17391304	0	0.4	
test_recall	0.02259887	0	0.03409091	

SVC classifier parameters that returned a mean zero f1

SVC classifier parameters that returned a mean zero f1

C	kernel	degree	gamma
0.001	linear	N/A	N/A
0.0001	linear	N/A	N/A
0.1	poly		1 N/A
100	poly		4 N/A
10	rbf	N/A	0.0001
0.001	rbf	N/A	auto
0.01	sigmoid	N/A	0.001
0.1	sigmoid	N/A	0.001

(more rows and parameters)

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

Parameters C=?? kernel=?? ??

	result1	result2	result3	mean result
fit_time	82.3658148	83.04409814	83.72238148	83.04409814
score_time	84.16569604	82.66568	81.16566396	82.66568
test_f1	0.66	0.66	0.63	0.65
test_precision	0.79822	0.83695	0.759562	0.798244
test_recall	0.568	0.526865	0.3686	0.487821667