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A20432518

Results for Bush

Classifier	KNeighborsClassifier			
Parameters	n_neighbors=1			
	result1	result2	result3	mean result
fit_time	5.74510	9.10928	5.68490	6.84642
score_time	1211.62834	1346.72578	1213.00591	1257.12001
test_f1	0.14286	0.14286	0.15211	0.14594
test_precision	0.15094	0.13904	0.15084	0.14694
test_recall	0.13559	0.14689	0.15341	0.14530

Classifier	KNeighborsClassifier			
Parameters	n_neighbors=3			
	result1	result2	result3	mean result
fit_time	7.48533	6.65557	5.95303	6.69798
score_time	1348.98460	1438.50293	1220.79719	1336.09491
test_f1	0.06863	0.05882	0.05714	0.06153
test_precision	0.25926	0.22222	0.17647	0.21932
test_recall	0.03955	0.03390	0.03409	0.03585

Classifier	KNeighborsClassifier			
Parameters	n_neighbors=5			
	result1	result2	result3	mean result
fit_time	6.61933	9.57437	6.53837	7.57736
score_time	1351.99598	1466.91079	1360.07665	1392.99447
test_f1	0.04255	0.01093	0.01099	0.02149
test_precision	0.36364	0.16667	0.16667	0.23232
test_recall	0.02260	0.00565	0.00568	0.01131

SVC
classifier
parameters
that returned
a mean zero
f1

C	kernel	degree	gamma
0.001	poly	1	auto

1	poly		1	auto
1000	poly		1	auto
0.001	poly		2	auto
1	poly		2	auto
1000	poly		2	auto
0.001	poly		3	auto
1	poly		3	auto
1000	poly		3	auto
0.001	rbf	N/A		auto
1	rbf	N/A		auto
1000	rbf	N/A		auto
0.001	rbf	N/A		scale
1	rbf	N/A		scale
1000	rbf	N/A		scale
0.001	sigmoid	N/A		auto
1	sigmoid	N/A		auto
0.001	linear	N/A		N/A

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

Parameters	C=100000		kernel=rbf		gamma=auto

	result1	result2	result3	mean result
fit_time	73.764950	73.525430	78.732104	75.340828
score_time	88.784349	89.358064	88.199537	88.780650
test_f1	0.646865	0.679012	0.617021	0.647633
test_precision	0.777778	0.748299	0.820755	0.782277
test_recall	0.553672	0.621469	0.494318	0.556486