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|--|----------------------|-------------------------|------------------|-----------------------|--|
| Classifier | KNeighborsClassifier | | | | |
| Parameters | n_neighbors=1 | | | | |
| | result1 | result2 | result3 | mean result | |
| fit_time | 34.29671836 | 34.54967833 | 38.81234336 | 35.88624668 | |
| score_time | 2353.475546 | 2351.04731 | 2416.751717 | 2373.758191 | |
| test_f1 | 0.13714286 | 0.13855422 | 0.14933333 | 0.1416768033 | |
| test_precision | 0.13872832 | 0.1483871 | 0.14070352 | 0.1426063133 | |
| test_recall | 0.13559322 | 0.1299435 | 0.15909091 | 0.1415425433 | |
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| Classifier | KNeighborsClassifier | | | | |
| Parameters | n_neighbors=3 | | | | |
| | result1 | result2 | result3 | mean result | |
| fit_time | 35.26550436 | 33.93737936 | 33.9217546 | 34.37487944 | |
| score_time | 2321.547166 | 2302.517179 | 2295.749502 | 2306.604616 | |
| test_f1 | 0.03827751 | 0.06 | 0.06392694 | 0.05406815 | |
| test_precision | 0.125 | 0.26086957 | 0.1627907 | 0.1828867567 | |
| test_recall | 0.02259887 | 0.03389831 | 0.03977273 | 0.03208997 | |
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| Classifier | KNeighborsClassifier | | | | |
| Parameters | n_neighbors=5 | | | | |
| | result1 | result2 | result3 | mean result | |
| fit_time | 34.21860003 | 33.99988103 | 33.82800412 | 34.01549506 | |
| score_time | 2298.303396 | 2306.718522 | 2300.922853 | 2301.98159 | |
| test_f1 | 0.02139037 | 0.04301075 | 0.03174603 | 0.03204905 | |
| test_precision | 0.2 | 0.44444444 | 0.23076923 | 0.29173789 | |
| test_recall | 0.01129944 | 0.02259887 | 0.01704545 | 0.01698125333 | |
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| SVC classifier parameters that returned a mean zero f1 | | | | | |
| C | kernel | degree | gamma | | |
| 0.0000001 | linear | N/A | N/A | | |
| 1 | poly | 2 | 0.001 | | |
| 0.01 | rbf | N/A | 0.01 | | |
| 1 | poly | 3 | 0.001 | | |
| 0.000001 | linear | N/A | N/A | | |
| (more rows and parameters) | | | | | |
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| Best (in terms of mean F1) SVC result I got | | | | | |
| Parameters | C=10,1, 100 | kernel=poly, poly, poly | degree = 1, 1, 1 | gamma = .01, .1, .001 | |
| | result1 | result2 | result3 | mean result | |
| fit_time | 160.874363 | 159.6712418 | 159.784466 | 160.1100236 | |
| score_time | 167.5148943 | 165.3742766 | 162.5148966 | 165.1346892 | |
| test_f1 | 0.63924051 | 0.62619808 | 0.65605096 | 0.6404965167 | |
| test_precision | 0.72661871 | 0.72058824 | 0.7437681 | 0.7303250167 | |

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| test_recall | 0.57062147 | 0.55367232 | 0.5822727 | 0.5688554967 | |
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