表 1 UCI Phishing Websites Data Set去重后29次F1得分实验结果(均值±标准差，最大值，最小值，最优F1对应特征数，对少特征数对应F1值，最少特征数)

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| 方法 | F1均值±标准差 | F1最大值 | F1最小值 | 最优F1对应特征数 | 最少特征数对应F1值 | 最少特征数 |
| CART | 0.9419±0.0030 | 0.9464 | 0.9366 | 30 |  | 30 |
| SVM | 0.9560 | 0.9560 | 0.9560 | 30 | 30 |
| MLP | 0.9111 | 0.9111 | 0.9111 | 30 | 30 |
| NB | 0.9216 | 0.9216 | 0.9216 | 30 | 30 |
| LR | 0.9338 | 0.9338 | 0.9338 | 30 | 30 |
| KNN | 0.9303 | 0.9303 | 0.9303 | 30 | 30 |
| SGD | 0.9264±0.0108 | 0.9433 | 0.9039 | 30 | 30 |
| RF | 0.9605±0.0027 | 0.9668 | 0.9557 | 30 | 30 |
| GA+CART | 0.9613±0.0033 | 0.9704 | 0.9572 | 18 | 0.9591 | 14 |
| GA+SVM | 0.9577±0.0033 | 0.9685 | 0.9526 | 21 | 0.9613 | 17 |
| GA+MLP | 0.9282±0.0042 | 0.9355 | 0.9199 | 18 | 0.9292 | 9 |
| GA+NB | 0.9286±0.0017 | 0.9316 | 0.9254 | 21 | 0.9262 | 16 |
| GA+LR | 0.9404±0.0020 | 0.9451 | 0.9362 | 23 | 0.9397 | 12 |
| GA+KNN | 0.9503±0.004 | 0.9596 | 0.9431 | 14 | 0.9485 | 12 |
| GA+SGD | 0.9400±0.0029 | 0.9462 | 0.9336 | 21 | 0.9407 | 15 |
| GA+RF | 0.9656±0.0025 | 0.9722 | 0.9615 | 19 | 0.9687 | 14 |
| Chi-square+CART | 0.9254±0.0092 | 0.9370 | 0.8873 | 8 | 0.8873 | 1 |
| Chi-square+SVM | 0.9325±0.0129 | 0.9448 | 0.8873 | 25 | 0.8873 | 1 |
| Chi-square+MLP | 0.8360±0.0792 | 0.9154 | 0.6243 | 22 | 0.8873 | 1 |
| Chi-square+NB | 0.9301±0.0117 | 0.9385 | 0.8873 | 16 | 0.8873 | 1 |
| Chi-square+LR | 0.9178±0.0085 | 0.9257 | 0.8873 | 29 | 0.8873 | 1 |
| Chi-square+KNN | 0.9171±0.0143 | 0.9301 | 0.8603 | 19 | 0.8873 | 1 |
| Chi-square+SGD | 0.9052±0.0190 | 0.9246 | 0.8430 | 11 | 0.8873 | 1 |
| Chi-square+RF | 0.9366±0.0139 | 0.9526 | 0.8873 | 29 | 0.8873 | 1 |
| PersonCorrelation+CART | 0.9262±0.0093 | 0.9402 | 0.8873 | 6 | 0.8873 | 1 |
| PersonCorrelation+SVM | 0.9334±0.0120 | 0.9453 | 0.8873 | 24 | 0.8873 | 1 |
| PersonCorrelation+MLP | 0.8207±0.0954 | 0.9206 | 0.5911 | 8 | 0.8873 | 1 |
| PersonCorrelation+NB | 0.9301±0.0114 | 0.9375 | 0.8873 | 14 | 0.8873 | 1 |
| PersonCorrelation+LR | 0.9192±0.0075 | 0.9251 | 0.8873 | 27 | 0.8873 | 1 |
| PersonCorrelation+KNN | 0.9166±0.0185 | 0.9330 | 0.8603 | 21 | 0.8873 | 1 |
| PersonCorrelation+SGD | 0.9032±0.0230 | 0.9240 | 0.8174 | 14 | 0.8873 | 1 |
| PersonCorrelation+RF | 0.9371±0.0130 | 0.9510 | 0.8873 | 25 | 0.8873 | 1 |
| KMO+CART | 0.7725±0.1987 | 0.9345 | 0.2465 | 29 | 0.4019 | 1 |
| KMO+SVM | 0.7821±0.2051 | 0.9437 | 0.2465 | 26 | 0.4019 | 1 |
| KMO+MLP | 0.7568±0.1302 | 0.9139 | 0.3775 | 22 | 0.6529 | 1 |
| KMO+NB | 0.7704±0.197 | 0.9369 | 0.2465 | 22 | 0.4019 | 1 |
| KMO+LR | 0.7544±0.1966 | 0.9258 | 0.2465 | 29 | 0.4019 | 1 |
| KMO+KNN | 0.7868±0.1506 | 0.9273 | 0.4019 | 29 | 0.4019 | 1 |
| KMO+SGD | 0.6505±0.2981 | 0.9264 | 0.0209 | 29 | 0.6529 | 1 |
| KMO+RF | 0.7837±0.2070 | 0.9514 | 0.2465 | 29 | 0.4019 | 1 |
| RFE+CART | 0.9294±0.0099 | 0.9404 | 0.8873 | 11 | 0.8873 | 1 |
| RFE+SVM | 0.927±0.0122 | 0.9422 | 0.8873 | 28 | 0.8873 | 1 |
| RFE+MLP | 0.7829±0.0958 | 0.9219 | 0.6287 | 22 | 0.6529 | 1 |
| RFE+NB | 0.9275±0.0118 | 0.9368 | 0.8873 | 16 | 0.8873 | 1 |
| RFE+LR | 0.9174±0.0201 | 0.9283 | 0.8451 | 14 | 0.8451 | 1 |
| RFE+KNN | 0.9124±0.0161 | 0.9311 | 0.8603 | 13 | 0.8873 | 1 |
| RFE+SGD | 0.8869±0.0687 | 0.9242 | 0.6483 | 25 | 0.6529 | 1 |
| RFE+RF | 0.9399±0.0144 | 0.9516 | 0.8873 | 24 | 0.8873 | 1 |
| PSO+CART | 0.9415±0.0036 | 0.9466 | 0.9336 | 14 | 0.9453 | 12 |
| PSO+SVM | 0.9357±0.0028 | 0.9392 | 0.9298 | 21 | 0.9319 | 14 |
| PSO+MLP | 0.9139±0.0028 | 0.9202 | 0.9092 | 18 | 0.9111 | 11 |
| PSO+NB | 0.9330±0.0016 | 0.9361 | 0.9293 | 20 | 0.9310 | 11 |
| PSO+LR | 0.9243±0.0033 | 0.9288 | 0.9183 | 18 | 0.9203 | 11 |
| PSO+KNN | 0.9297±0.0041 | 0.9387 | 0.9213 | 17 | 0.9244 | 8 |
| PSO+SGD | 0.8790±0.0582 | 0.9194 | 0.6421 | 18 | 0.8884 | 9 |
| PSO+RF | 0.9451±0.0024 | 0.9498 | 0.9413 | 16 | 0.9444 | 15 |
| DE+CART | 0.9388±0.0027 | 0.9442 | 0.9322 | 19 | 0.9349 | 11 |
| DE+SVM | 0.9368±0.0011 | 0.9392 | 0.9341 | 18 | 0.9367 | 16 |
| DE+MLP | 0.9114±0.0013 | 0.9149 | 0.9091 | 20 | 0.9107 | 11 |
| DE+NB | 0.9232±0.0004 | 0.9241 | 0.9219 | 12 | 0.9236 | 11 |
| DE+LR | 0.9167±0.0017 | 0.9193 | 0.9135 | 18 | 0.91430 | 11 |
| DE+KNN | 0.9269±0.0023 | 0.9318 | 0.9228 | 13 | 0.9280 | 11 |
| DE+SGD | 0.8886±0.0286 | 0.9129 | 0.7942 | 13 | 0.9073 | 10 |
| DE+RF | 0.9412±0.0023 | 0.9452 | 0.9372 | 17 | 0.9452 | 17 |
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