|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Label** | **Accuracies** | **F1 scores** | **Recall scores** | **Precision scores** |
| **SVC** | **1** | 0.6076 | 0.6007 | 0.5519 | **0.6589** |
| **2** | 0.5079 | 0.6096 | **0.7658** | 0.5063 |
| **3** | 0.5737 | 0.6053 | 0.6335 | 0.5795 |
| **4** | 0.6006 | 0.5773 | 0.5217 | 0.6462 |
| **5** | 0.5309 | 0.5636 | 0.6039 | 0.5284 |
| **6** | 0.5616 | 0.5294 | 0.5000 | 0.5625 |
| **7** | 0.5641 | 0.5928 | 0.6000 | 0.5858 |
| **8** | 0.5710 | 0.5113 | 0.4416 | 0.6071 |
| **9** | 0.5309 | 0.4911 | 0.4435 | 0.5500 |
| **10** | **0.6117** | **0.6221** | 0.6327 | 0.6118 |
| **11** | 0.5525 | 0.5510 | 0.5586 | 0.5436 |
| **AdaBoost** | **1** | 0.8264 | 0.8503 | 0.9221 | 0.7889 |
| **2** | 0.8254 | 0.8433 | 0.9367 | 0.7668 |
| **3** | 0.8397 | **0.8588** | 0.9441 | 0.7876 |
| **4** | 0.8442 | 0.8605 | 0.9193 | **0.8087** |
| **5** | 0.8339 | 0.8547 | **0.9740** | 0.7614 |
| **6** | 0.7705 | 0.7859 | 0.8542 | 0.7278 |
| **7** | 0.8333 | 0.8514 | 0.9030 | 0.8054 |
| **8** | **0.8284** | 0.8452 | 0.9221 | 0.7802 |
| **9** | 0.7613 | 0.7734 | 0.7984 | 0.7500 |
| **10** | 0.8213 | 0.8375 | 0.9116 | 0.7746 |
| **11** | 0.7864 | 0.8025 | 0.8828 | 0.7356 |
| **Random Forest** | **1** | 0.9410 | 0.9428 | 0.9091 | 0.9790 |
| **2** | 0.9683 | 0.9677 | 0.9494 | **0.9868** |
| **3** | 0.9583 | 0.9592 | 0.9503 | 0.9684 |
| **4** | 0.9351 | 0.9355 | 0.9006 | 0.9732 |
| **5** | **0.9739** | **0.9737** | **0.9610** | **0.9868** |
| **6** | 0.8973 | 0.8944 | 0.8819 | 0.9071 |
| **7** | 0.9455 | 0.9477 | 0.9333 | 0.9625 |
| **8** | 0.9373 | 0.9352 | 0.8896 | 0.9856 |
| **9** | 0.7695 | 0.7627 | 0.7258 | 0.8036 |
| **10** | 0.9141 | 0.9141 | 0.9048 | 0.9236 |
| **11** | 0.9153 | 0.9135 | 0.9103 | 0.9167 |