# Table 12: Performance Metrics of the Adaboost Model

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| param\_n\_estimators | param\_learning\_rate | mean\_test\_accuracy | mean\_test\_precision | mean\_test\_recall | mean\_test\_f1 | rank\_test\_accuracy |
| 200.0 | 1.0 | 0.901662 | 0.856985 | 0.964426 | 0.907508 | 1.0 |
| 100.0 | 1.0 | 0.879128 | 0.834767 | 0.945434 | 0.886484 | 2.0 |
| 50.0 | 1.0 | 0.861355 | 0.817354 | 0.931289 | 0.870063 | 3.0 |
| 200.0 | 0.01 | 0.850697 | 0.791437 | 0.952549 | 0.864505 | 4.0 |
| 200.0 | 0.1 | 0.847147 | 0.790286 | 0.94549 | 0.860839 | 5.0 |
| 50.0 | 0.1 | 0.844773 | 0.789435 | 0.940728 | 0.858359 | 6.0 |
| 100.0 | 0.1 | 0.844773 | 0.790608 | 0.938375 | 0.858085 | 6.0 |
| 50.0 | 10.0 | 0.735792 | 0.701467 | 0.819916 | 0.756009 | 8.0 |
| 100.0 | 10.0 | 0.735792 | 0.701467 | 0.819916 | 0.756009 | 8.0 |
| 200.0 | 10.0 | 0.735792 | 0.701467 | 0.819916 | 0.756009 | 8.0 |