|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **classifier** | **accuracy** | **precisionDCV** | **recallDCV** | **F-scoreDCV** |
| **Linear SVM** | 0.98 ± 0.02 | 0.95 ± 0.07 | 0.90 ± 0.1 | 0.92 ± 0.07 |
| Linear SVM  one vs. one | 0.98 ± 0.02 | 0.95 ± 0.07 | 0.90 ± 0.1 | 0.92 ± 0.07 |
| Linear SVM  Probability estimates | 0.98 ± 0.02 | 0.95 ± 0.07 | 0.90 ± 0.1 | 0.92 ± 0.07 |
| **Random forest**  (t = 10) | 0.97 ± 0.03 | 0.88 ± 0.12 | 0.89 ± 0.09 | 0.88 ± 0.08 |
| Random forest  (t = 50) | 0.98 ± 0.02 | 0.93 ± 0.08 | 0.87 ± 0.09 | 0.90 ± 0.06 |
| Random forest  (t = 200) | 0.97 ± 0.02 | 0.92 ± 0.09 | 0.84 ± 0.14 | 0.87 ± 0.09 |
| Random forest  (t = 1500) | 0.97 ± 0.02 | 0.93 ± 0.08 | 0.86 ± 0.1 | 0.89 ± 0.07 |
| Random forest  (t = 50)  Gini criterion | 0.98 ± 0.02 | 0.93 ± 0.08 | 0.87 ± 0.1 | 0.90 ± 0.07 |
| Random forest  (t = 50)  No bootstrap | 0.97 ± 0.03 | 0.92 ± 0.11 | 0.86 ± 0.13 | 0.88 ± 0.09 |
| Random forest  (t = 50)  Max. features = 4 | 0.97 ± 0.03 | 0.91 ± 0.11 | 0.87 ± 0.1 | 0.88 ± 0.08 |
| **KNN**  (k = 10) | 0.98 ± 0.02 | 0.92 ± 0.09 | 0.89 ± 0.12 | 0.90 ± 0.09 |
| KNN  (k = 5) | 0.97 ± 0.02 | 0.94 ± 0.11 | 0.84 ± 0.14 | 0.88 ± 0.10 |
| KNN  (k = 20) | 0.98 ± 0.02 | 0.95 ± 0.08 | 0.89 ± 0.12 | 0.91 ± 0.09 |
| KNN  (k = 10)  Manhattan distance | 0.97 ± 0.02 | 0.92 ± 0.1 | 0.88 ± 0.1 | 0.89 ± 0.08 |
| KNN  (k = 10)  KD Tree Algorithm | 0.97 ± 0.02 | 0.92 ± 0.09 | 0.89 ± 0.12 | 0.90 ± 0.09 |
| **Nonlinear SVM**  RBF kernel | 0.98 ± 0.02 | 0.94 ± 0.09 | 0.89 ± 0.1 | 0.91 ± 0.08 |
| Nonlinear SVM  Polynomial kernel | 0.98 ± 0.02 | 0.95 ± 0.07 | 0.89 ± 0.1 | 0.91 ± 0.08 |
| Nonlinear SVM  Sigmoidal kernel | 0.88 ± 0.08 | 0.52 ± 0.2 | 0.51 ± 0.15 | 0.50 ± 0.15 |