|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Classifier** | **Parameter1 Cost** | **Parameter2 kernel** | **Parameter3 gamma** | **Parameter4 tolerance** | **Accuracy for 1** | **Accuracy for 0** | **Overall Accuracy** |
| SVM | 1 | linear | - | - | 100 | 0 | 94.13 |
| SVM | 10 | Polynomial | 0.25 | - | 95.77 | 8.47 | 90.65 |
| SVM | 20 | Polynomial | 0.75 | - | 95.77 | 8.47 | 90.65 |
| SVM | **20** | Polynomial | 0.5 | **-** | 95.77 | 8.47 | 90.65 |
| SVM | 10 | Polynomial | 0.5 | 0.05 | 95.77 | 8.47 | 90.65 |
| SVM | 10 | Radial | 0.5 | 0.05 | 97.88 | 3.39 | 92.34 |
| SVM | 15 | Radial | 0.33 | 0.02 | 97.15 | 6.78 | 91.84 |
| SVM | 25 | Radial | 0.75 | 0.05 | 98.20 | 3.39 | 92.64 |
| SVM | 10 | Radial | 0.2 | 0.01 | 96.72 | 6.78 | 91.44 |
| SVM | 12 | Polynomial | 0.3 | 0.02 | 95.67 | 8.47 | 90.55 |
| SVM | 5 | Radial | 0.1 | 0.01 | 96.19 | 6.78 | 90.95 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Classifier** | **ntree** | **Importance** | **mtry** | **Accuracy for 1** | **Accuracy for 0** | **Overall Accuracy** |
| RF | - | TRUE | 3 | 99.79 | 3.39 | 99.6 |
| RF | 500 | TRUE | 3 | 99.79 | 3.39 | 99.6 |
| RF | 300 | TRUE | 23 | 100 | 0 | 94.13 |
| RF | 400 | TRUE | 12 | 100 | 0 | 94.13 |
| RF | 1000 | TRUE | 35 | 100 | 0 | 94.13 |