|  |  |  |  |
| --- | --- | --- | --- |
| Precision -low | |  |  |
| y-axis | SVM | Random Forests | CART |
| 10 | 0 | 0 | 0 |
| 20 | 1 | 0.43 | 0.33 |
| 30 | 1 | 0.4 | 0.15 |
| 40 | 1 | 1 | 0.43 |
| 50 | 1 | 1 | 0.43 |
| 60 | 1 | 1 | 0.38 |
| 70 | 1 | 1 | 0.67 |
| 80 | 1 | 1 | 0.5 |
| 90 | 1 | 1 | 0.5 |

|  |  |  |  |
| --- | --- | --- | --- |
| Precision-high | |  |  |
| y-axis | SVM | Random Forests | CART |
| 10 | 0.97 | 0.97 | 0.97 |
| 20 | 0.97 | 0.97 | 0.98 |
| 30 | 0.98 | 0.98 | 0.98 |
| 40 | 0.98 | 0.99 | 0.99 |
| 50 | 0.98 | 0.99 | 0.99 |
| 60 | 0.97 | 0.98 | 0.98 |
| 70 | 0.96 | 0.98 | 0.98 |
| 80 | 0.99 | 1 | 1 |
| 90 | 1 | 1 | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| Recall - low | |  |  |
| y-axis | SVM | Random Forests | CART |
| 10 | 0 | 0 | 0 |
| 20 | 0.14 | 0.21 | 0.29 |
| 30 | 0.1 | 0.2 | 0.2 |
| 40 | 0.14 | 0.43 | 0.43 |
| 50 | 0.14 | 0.43 | 0.43 |
| 60 | 0.14 | 0.43 | 0.43 |
| 70 | 0.14 | 0.43 | 0.57 |
| 80 | 0.5 | 1 | 1 |
| 90 | 1 | 1 | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| Recall -high | |  |  |
| y-axis | SVM | Random Forests | CART |
| 10 | 1 | 1 | 0.95 |
| 20 | 1 | 0.99 | 0.98 |
| 30 | 1 | 0.99 | 0.97 |
| 40 | 1 | 1 | 0.99 |
| 50 | 1 | 1 | 0.99 |
| 60 | 1 | 1 | 0.98 |
| 70 | 1 | 1 | 0.99 |
| 80 | 1 | 1 | 0.98 |
| 90 | 1 | 1 | 0.98 |

|  |  |  |  |
| --- | --- | --- | --- |
| AUC |  |  |  |
| y-axis | SVM | Random Forests | CART |
| 10 | 0.5 | 0.5 | 0.474 |
| 20 | 0.571 | 0.602 | 0.633 |
| 30 | 0.55 | 0.596 | 0.585 |
| 40 | 0.571 | 0.714 | 0.708 |
| 50 | 0.571 | 0.714 | 0.707 |
| 60 | 0.571 | 0.714 | 0.703 |
| 70 | 0.571 | 0.714 | 0.779 |
| 80 | 0.75 | 1 | 0.991 |
| 90 | 1 | 1 | 0.991 |