|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TECHNIQUE | SENSITIVITY | SPECIFICITY | RECALL\_SCORE | F1\_SCORE | AUC | PRECISION | ACCURACY |
| LINEAR SVM | 63.7 | 78.95 | Testing : 63.57  Training: 64.17 | Testing : 70.03  Training: 70.66 | 71.26 | Testing : 77.94  Training: 78.67 | Testing : 70.66  Training: 71.09 |
| KNN | 76.42 | 79.9 | 78 | 78 | 78.16 | 78 | 78 |
| ANN | 52.5 | 70.8 | 52.5 | 59.37 | 61.65 | 68.3 | 60.83 |
| RANDOM FOREST | 84.09 | 90.95 | Testing : 84.09  Training: 89.42 | Testing : 87.78  Training: 92.91 | 87.52 | Testing : 91.80  Training: 96.68 | 87.2 |
|  |  |  |  |  |  |  |  |
| SVM – KNN | 63.67 | 78.95 | 63.67 | 70.1 | 71.31 | 77.96 | 70.72 |
| KNN – ANN | 75.49 | 76.22 | 75.49 | 77.10 | 75.86 | 78.78 | 75.83 |
| RANDOMFOREST – ANN | 85.68 | 88.60 | 85.68 | 87.68 | 87.14 | 89.78 | 87.02 |
| RANDOMFOREST - SVM | 85.94 | 88.99 | 85.94 | 87.98 | 87.47 | 90.13 | 87.35 |
| RANDOMFOREST - KNN | 75.49 | 76.22 | 75.49 | 77.1 | 75.86 | 78.78 | 75.83 |