|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Naïve Bayes Algorithm** | **Accuracy** | **TP** | **FP** | **FN** | **TN** | **Sensitivity** | **Specificity** | **Precision** | **Recall** | **Area**  **Under**  **ROC** |
| Multinomial | 81.97% | 70 | 35 | 26 | 111 | 72.92% | 66.67% | 76.02% | 81.02% | 73.84% |
| Gaussian | 86.89% | 78 | 27 | 23 | 114 | 77.23% | 74.28% | 80.85% | 83.21% | 78.74% |
| Complement | 81.97% | 73 | 32 | 31 | 106 | 70.19% | 69.53% | 76.81% | 77.37% | 73.45% |
| Bernoulli | 88.52% | 78 | 27 | 21 | 116 | 78.79% | 74.29% | 81.12% | 84.67% | 79.48% |
| Categorical |  |  |  |  |  |  |  |  |  |  |
| Complex |  |  |  |  |  |  |  |  |  |  |