|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Fitting on data | Accuracy | Recall | Accuracy on training data |
| LDA | Original data | 0.9262574257425742 | 0.9814903846153846 | 0.940 |
| Principal data | 0.9268297236743838 | 0.9723543123543124 | 0.933 |
| SVM  (linear kernel) | Original data(C=25) | 0.9560990099009901 | 0.9722596153846155 | 0.964 |
| Principal data(C=15) | 0.9162178217821783 | 0.953798076923077 | 0.924 |
| Logistic Regression | Original data | 0.9422516803584763 | 0.9633100233100234 | 0.946 |
| Principal data | 0.9042376237623764 | 0.947644230769231 | 0.915 |