Accuracy -> Fraction of correctly classified samples: 0.9846

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.9565

Recall -> Ability of classifier to find all signal samples: 0.8250

F1 score -> Harmonic mean of precision and recall: 0.8859

Confusion Matrix:

|tn fp|

|fn tp|

|1020 3|

|14 66|