Accuracy -> Fraction of correctly classified samples: 0.9855

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.9571

Recall -> Ability of classifier to find all signal samples: 0.8375

F1 score -> Harmonic mean of precision and recall: 0.8933

Confusion Matrix:

|tn fp|

|fn tp|

|1020 3|

|13 67|