

Accuracy -> Fraction of correctly classified samples: 0.9719

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.7821

Recall -> Ability of classifier to find all signal samples: 0.8133

F1 score -> Harmonic mean of precision and recall: 0.7974

Confusion Matrix:

|tn fp|

|fn tp|

|1011 17|

|14 61|