

Accuracy -> Fraction of correctly classified samples: 0.9649

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.5413

Recall -> Ability of classifier to find all signal samples: 0.9072

F1 score -> Harmonic mean of precision and recall: 0.6780

Confusion Matrix:

|tn fp|

|fn tp|

|13004 439|

|53 518|