

Accuracy -> Fraction of correctly classified samples: 0.9578

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.4906

Recall -> Ability of classifier to find all signal samples: 0.9142

F1 score -> Harmonic mean of precision and recall: 0.6385

Confusion Matrix:

|tn fp|

|fn tp|

|12901 542|

|49 522|