

Accuracy -> Fraction of correctly classified samples: 0.8951

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.2657

Recall -> Ability of classifier to find all signal samples: 0.8129

F1 score -> Harmonic mean of precision and recall: 0.4005

Confusion Matrix:

|tn fp|

|fn tp|

|12053 1357|

|113 491|