Accuracy -> Fraction of correctly classified samples: 0.9093

Precision -> Ability of the classifier not to label as signal a sample that is background: 0.2987

Recall -> Ability of classifier to find all signal samples: 0.8195

F1 score -> Harmonic mean of precision and recall: 0.4379

Confusion Matrix:

|tn fp|

|fn tp|

|12248 1162|

|109 495|