

$$Accuracy = \frac{TP + TN}{TP + TN + FP + FN} \quad (1)$$

$$Sensitivity = \frac{TP}{TP + FN} \quad (2)$$

$$Specificity = \frac{TN}{TN + FP} \quad (3)$$

$$Precision = \frac{TP}{TP + FP} \quad (4)$$

$$F1score = \frac{2 * Precision * Recall}{Precision + Recall} \quad (5)$$

where, TP = True Positive, FP = False Positive, TN = True Negative, FN = False Negative;

$$Recall = \frac{TP}{TP + FN} .$$