S4. Classification Performance Metrics Equations

$$\text{Sensitivity} = \frac{TP}{TP+FN}$$

$$\text{Specificity} = \frac{TN}{TN+FP}$$

$$\text{Positive Predictive Value} = \frac{TP}{TP+FP}$$

$$\text{Negative Predictive Value} = \frac{TN}{TN+FN}$$

$$\text{Accuracy} = \frac{TP+TN}{TP+FP+TN+FN}$$

$$\text{F1 Score} = \frac{2*PPV*Sensitivity}{PPV+Sensitivity}$$