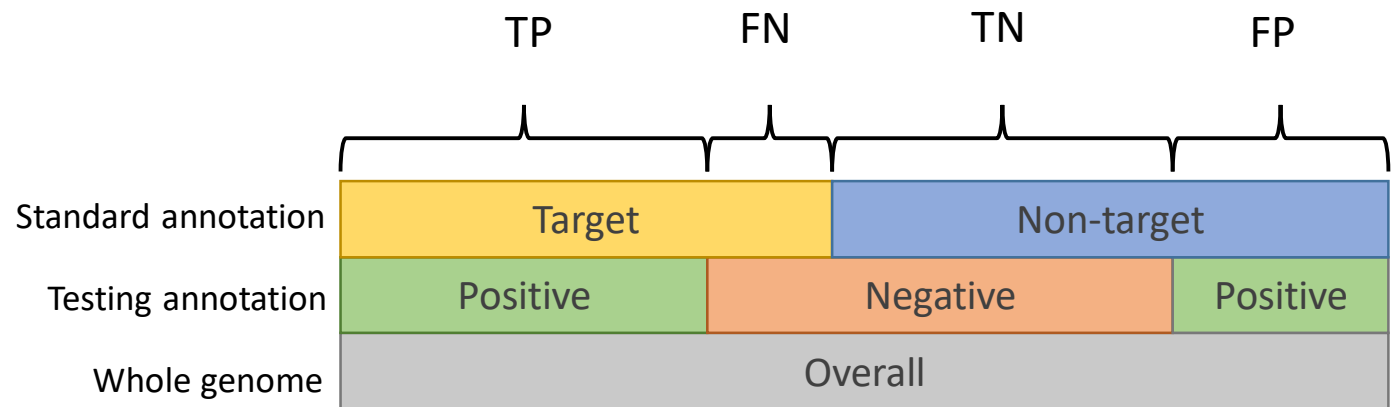


A



$$\text{Sensitivity} = P(\text{positive} \mid \text{target}) = \frac{TP}{TP+FN} \quad \text{Specificity} = P(\text{negative} \mid \text{non_target}) = \frac{TN}{TN+FP}$$

$$\text{Accuracy} = P(\text{true_classification}) = \frac{TP+TN}{TP+TN+FP+FN} \quad \text{Precision} = P(\text{target} \mid \text{positive}) = \frac{TP}{TP+FP}$$

$$F1 = \frac{2 * \text{Sensitivity} * \text{Precision}}{\text{Sensitivity} + \text{Precision}} = \frac{2TP}{2TP+FP+FN} \quad \text{FDR} = P(\text{non_target} \mid \text{positive}) = \frac{FP}{TP+FP}$$

B

