

Supplementary Text 1: Precision and recall calculation formulas.

$$P = TP / (TP + FP) \quad (1)$$

$$R = TP / (TP + FN) \quad (2)$$

Where, P stands for Precision. R stands for Recall. TP (True positive) denotes true cases, i.e., the number of samples that the model predicts to be positive and are actually positive. FP (false Positive) denotes false positive, i.e., the number of samples that the model predicts to be positive but are actually negative. FN (False Negative) denotes false negative, i.e., the number of samples that the model predicts to be negative but are actually positive.