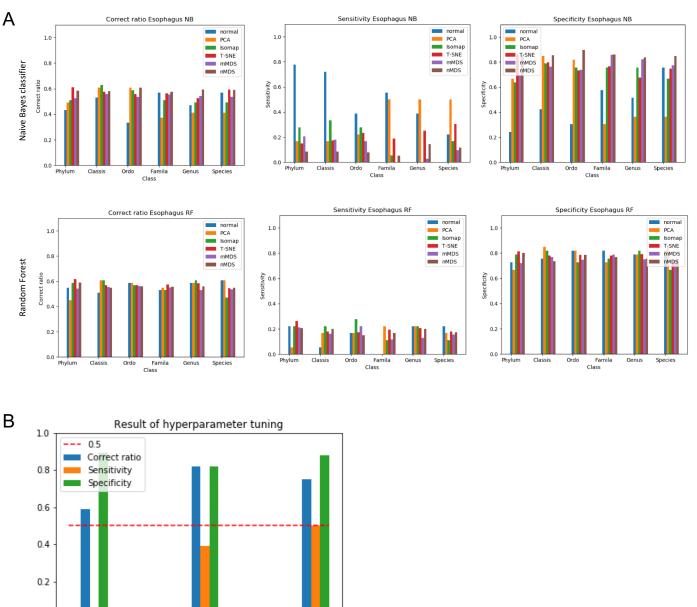
## Supplementary Fig. 1

0.0

Without tuning



Recalculating the correct ratio, sensitivity, and specificity to identify the group with cancer recurrence.

100 trials

(A) Calculating the correct ratio, sensitivity, and specificity to identify the group with cancer recurrence using a naïve bayes classifier (upper) or a random forest model (lower). (B) Recalculating the correct ratio, sensitivity, and specificity to identify the group with cancer recurrence utilizing hyperparameter tunings.

1000 trials