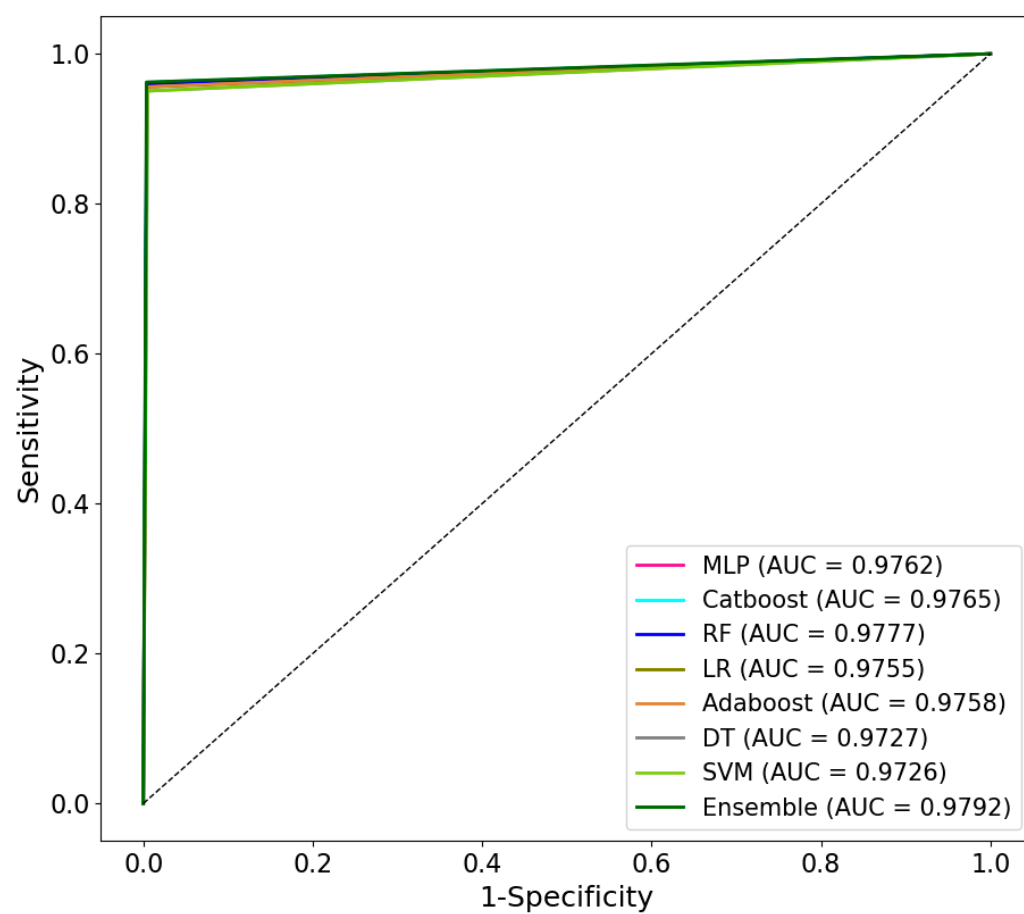
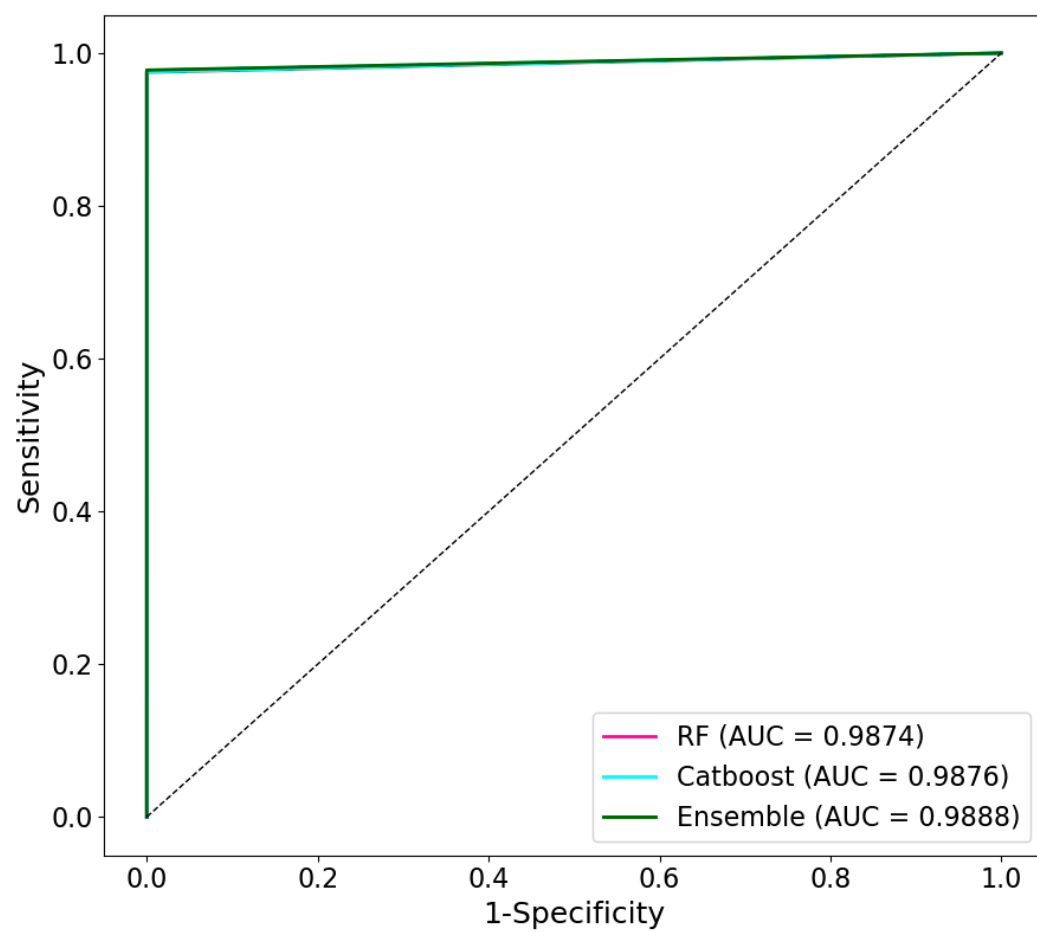


**Figure S1.** ROC curves of different classification methods on the Nextstrain testing dataset.



**Figure S2.** ROC curves of different classification methods on the GISAID testing dataset.



**Figure S3.** ROC curves of different classification methods on the Pangolin testing dataset.