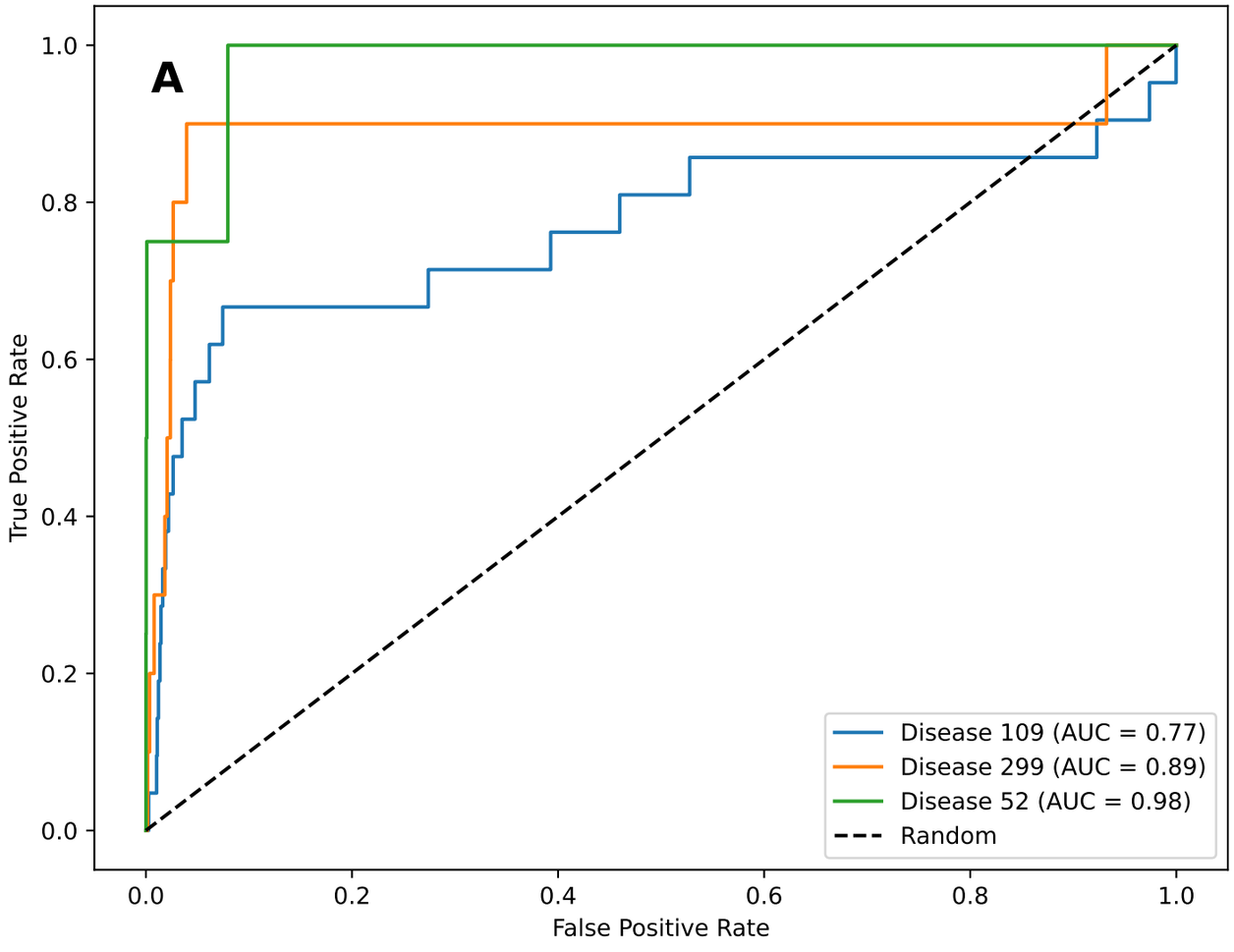
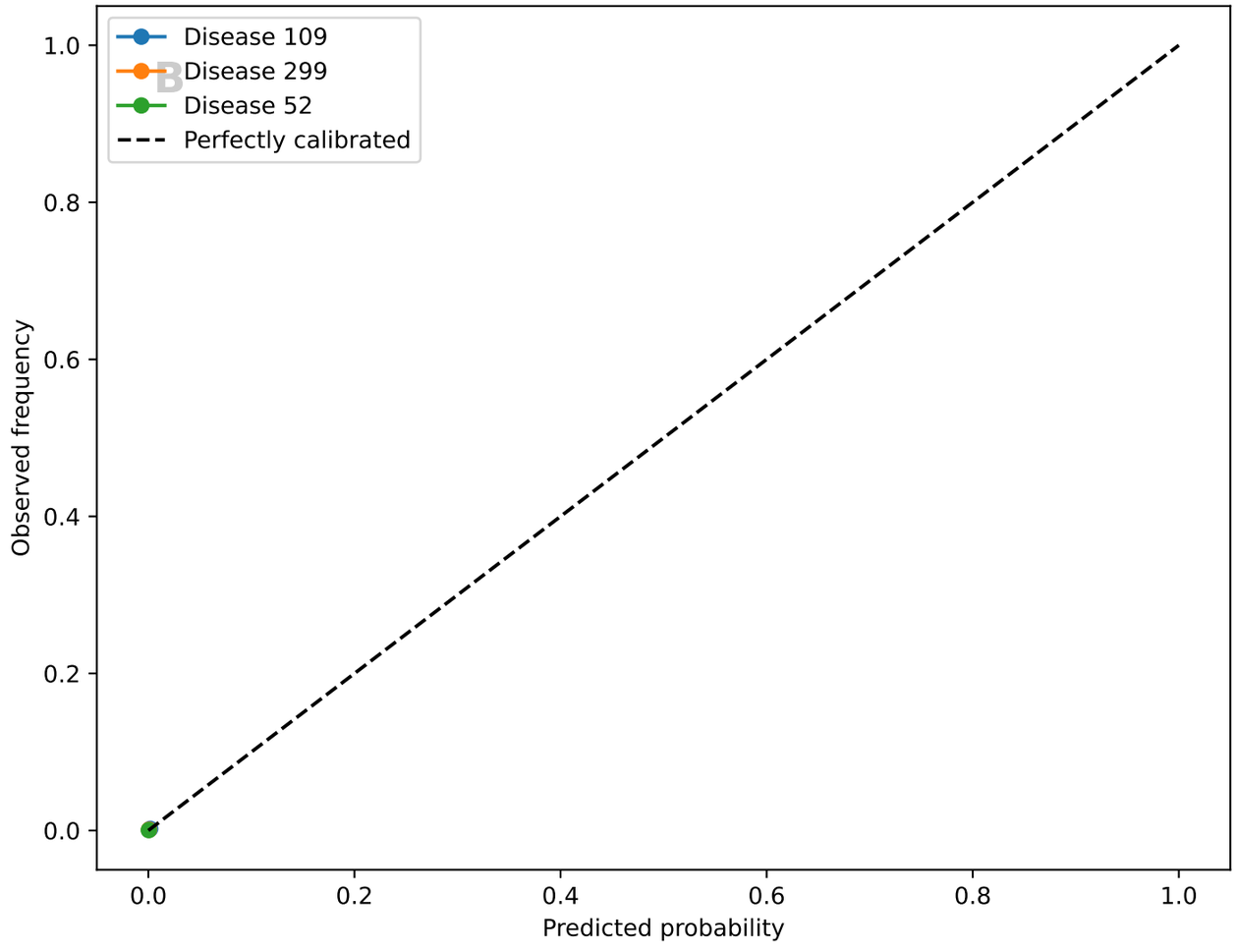
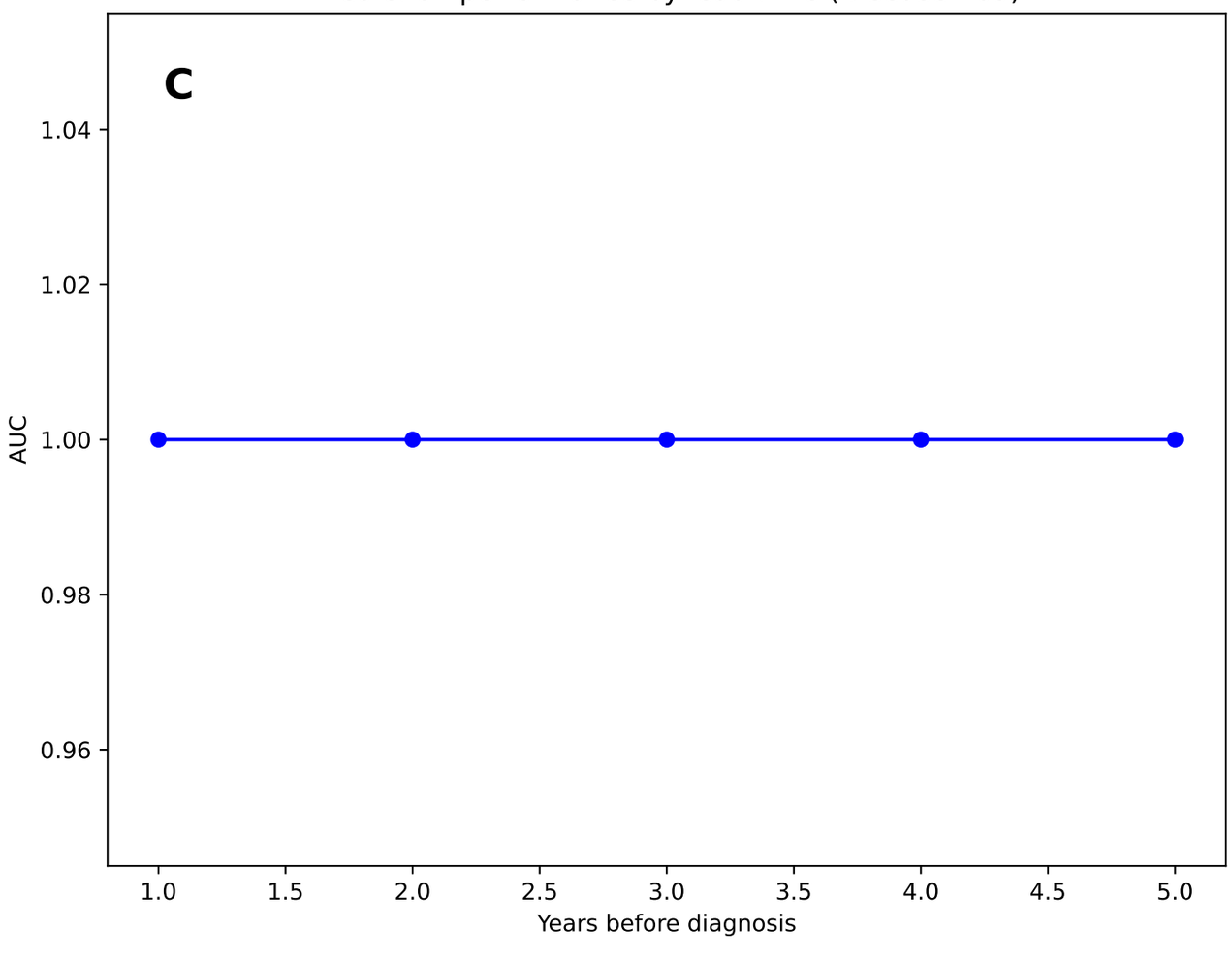
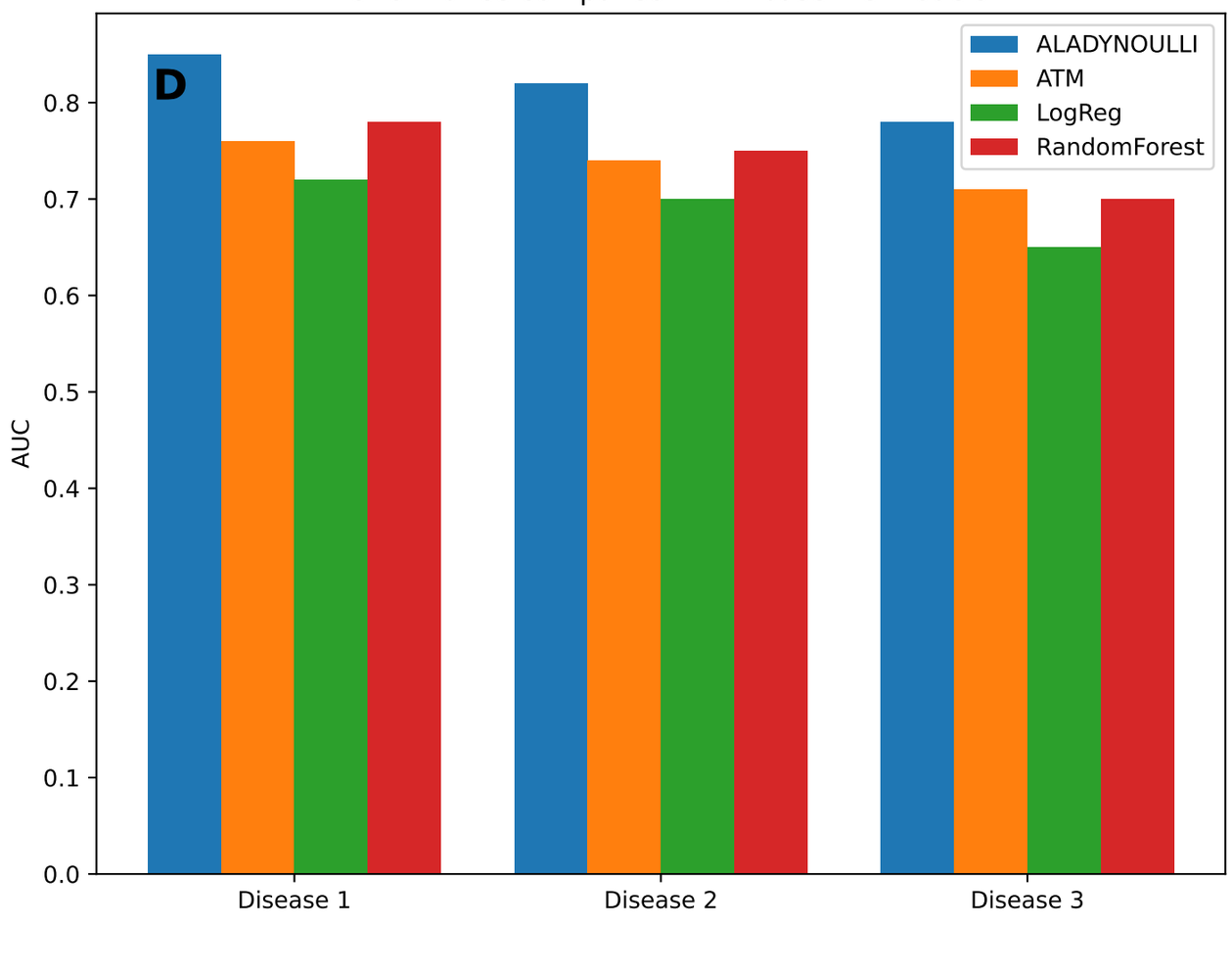

ROC Curves for Disease Prediction
A
True Positive Rate
False Positive Rate
Disease 109 (AUC = 0.77)
Disease 299 (AUC = 0.89)
Disease 52 (AUC = 0.98)
Random


Calibration plots
B
Observed frequency
Predicted probability
Disease 109
Disease 299
Disease 52
Perfectly calibrated


Prediction performance by lead time (Disease 109)
C
AUC
Years before diagnosis


Performance comparison with baseline models
D
AUC
Disease 1
Disease 2
Disease 3
ALADYNOULLI
ATM
LogReg
RandomForest