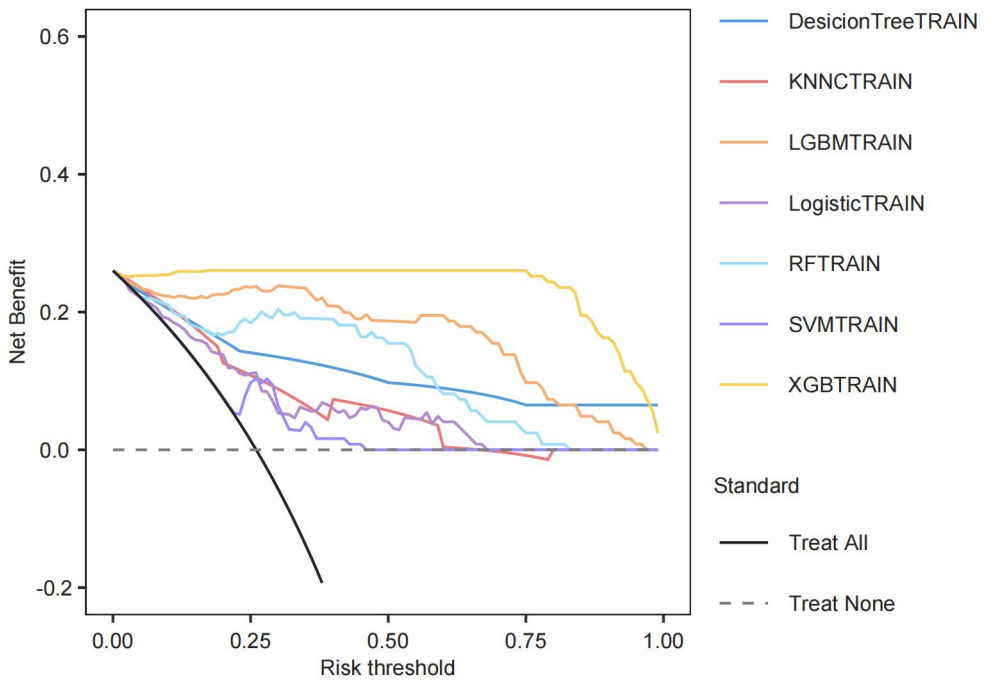
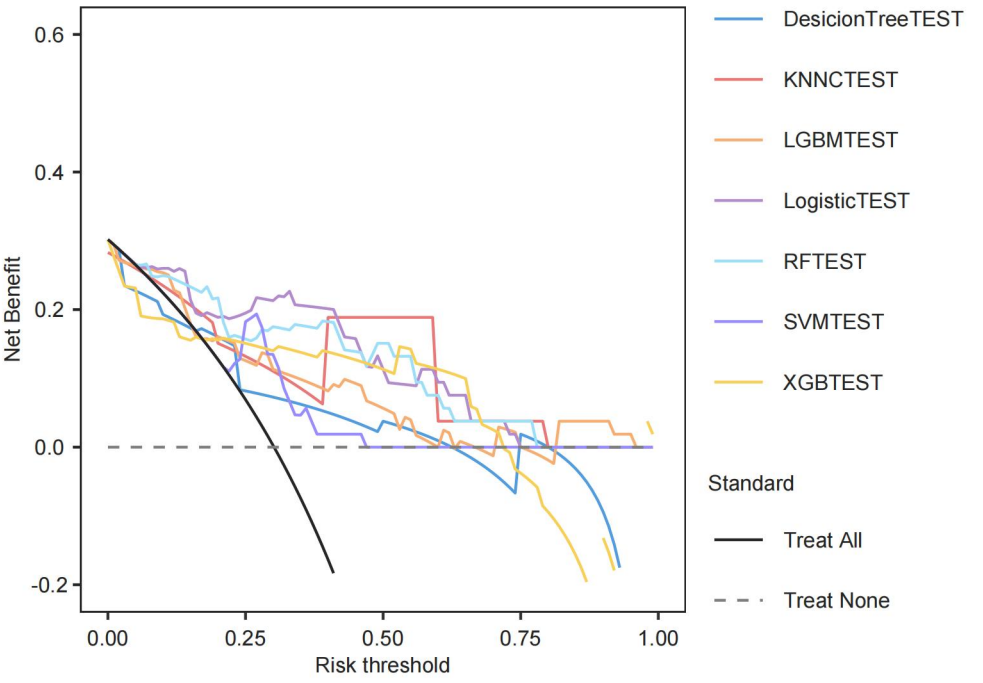
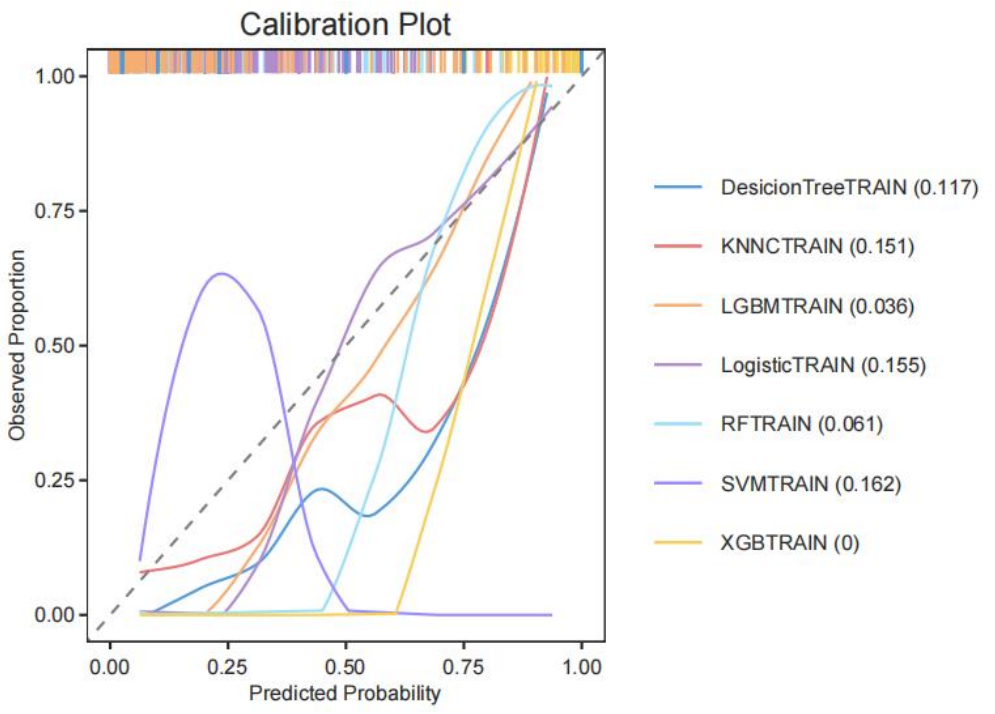
A


Net Benefit
0.6
0.4
0.2
0.0
-0.2
0.00
0.25
0.50
0.75
1.00
Risk threshold
DesicionTreeTRAIN
KNNCTRAIN
LGBMTRAIN
LogisticTRAIN
RFTRAIN
SVMTRAIN
XGBTRAIN
Standard
Treat All
Treat None

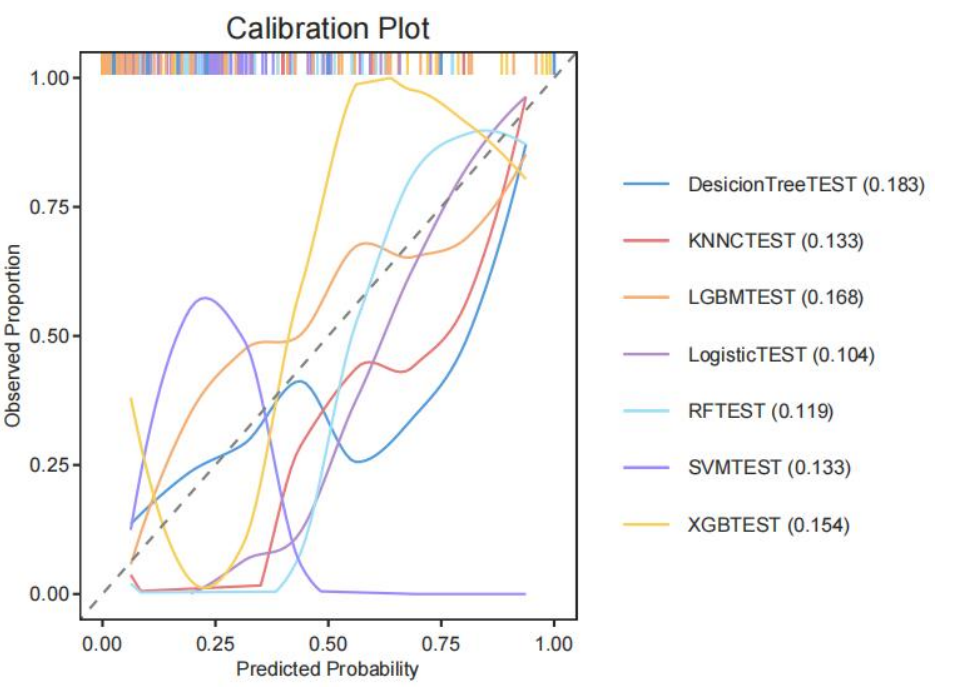
B


Net Benefit
0.6
0.4
0.2
0.0
-0.2
0.00
0.25
0.50
0.75
1.00
Risk threshold
DesicionTreeTEST
KNNCTEST
LGBMTEST
LogisticTEST
RFTEST
SVMTEST
XGBTEST
Standard
Treat All
Treat None

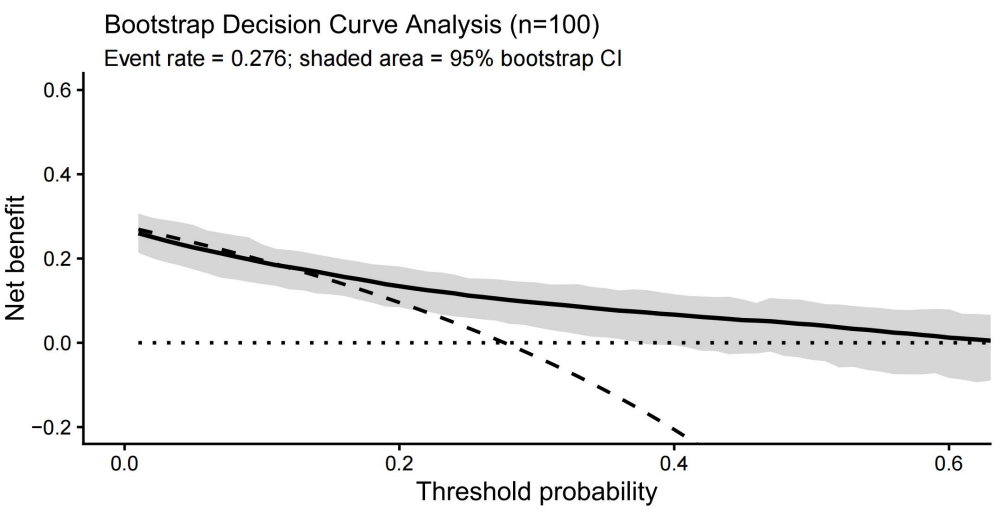
C


Calibration Plot
Observed Proportion
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
Predicted Probability
DesicionTreeTRAIN (0.117)
KNNCTRAIN (0.151)
LGBMTRAIN (0.036)
LogisticTRAIN (0.155)
RFTRAIN (0.061)
SVMTRAIN (0.162)
XGBTRAIN (0)

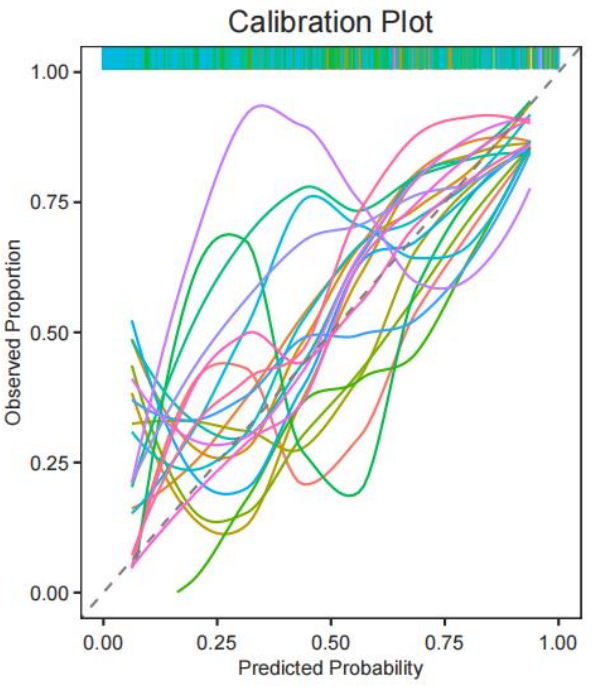
D


Calibration Plot
Observed Proportion
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
Predicted Probability
DesicionTreeTEST (0.183)
KNNCTEST (0.133)
LGBMTEST (0.168)
LogisticTEST (0.104)
RFTEST (0.119)
SVMTEST (0.133)
XGBTEST (0.154)

E


Bootstrap Decision Curve Analysis (n=100)
Event rate = 0.276; shaded area = 95% bootstrap CI
Net benefit
0.6
0.4
0.2
0.0
−0.2
0.0
0.2
0.4
0.6
Threshold probability

F


Calibration Plot
Observed Proportion
1.00
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
1.00
Predicted Probability