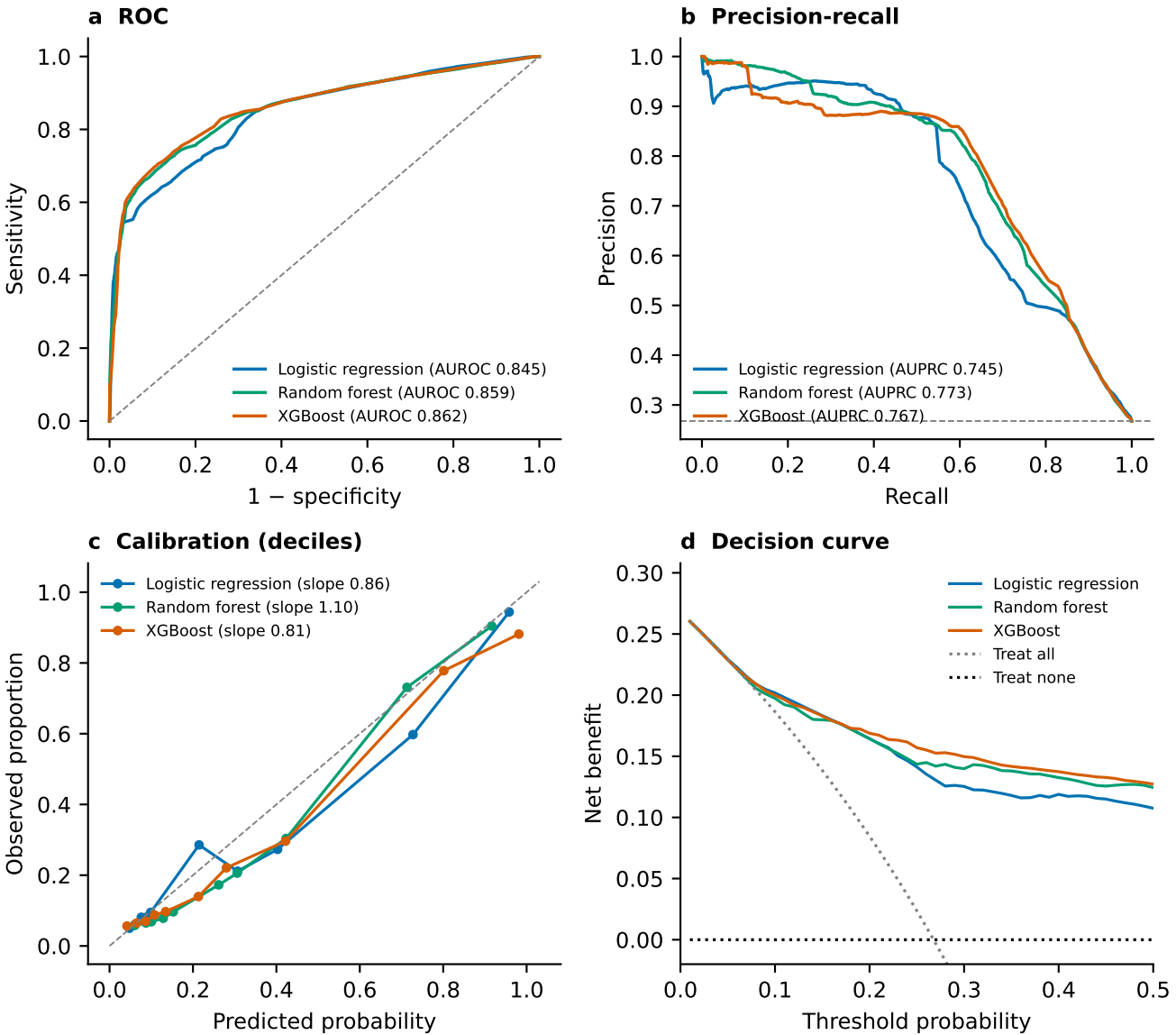

a ROC
Sensitivity
1 − specificity
Logistic regression (AUROC 0.845)
Random forest (AUROC 0.859)
XGBoost (AUROC 0.862)
b Precision-recall
Precision
Recall
Logistic regression (AUPRC 0.745)
Random forest (AUPRC 0.773)
XGBoost (AUPRC 0.767)
c Calibration (deciles)
Observed proportion
Predicted probability
Logistic regression (slope 0.86)
Random forest (slope 1.10)
XGBoost (slope 0.81)
d Decision curve
Net benefit
Threshold probability
Logistic regression
Random forest
XGBoost
Treat all
Treat none