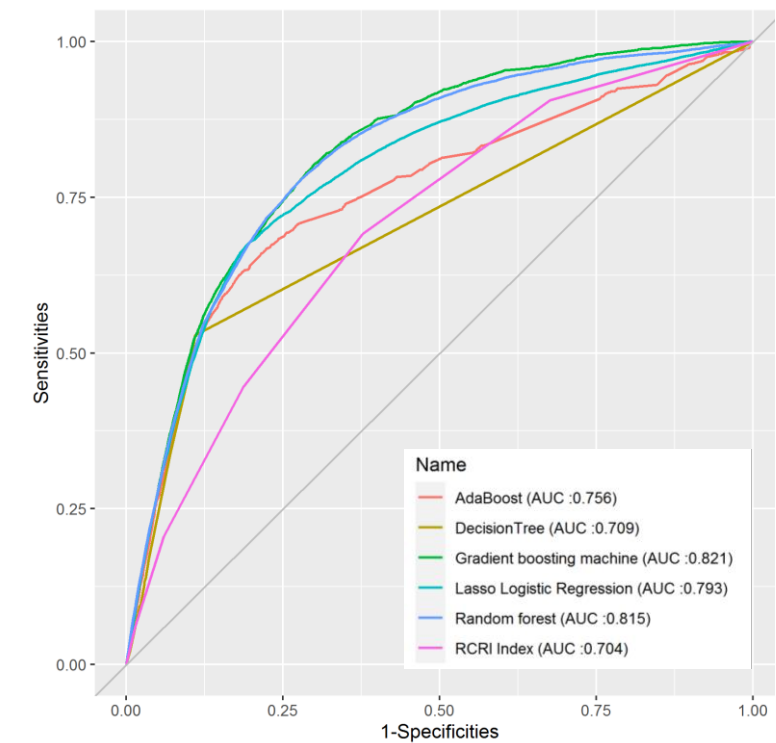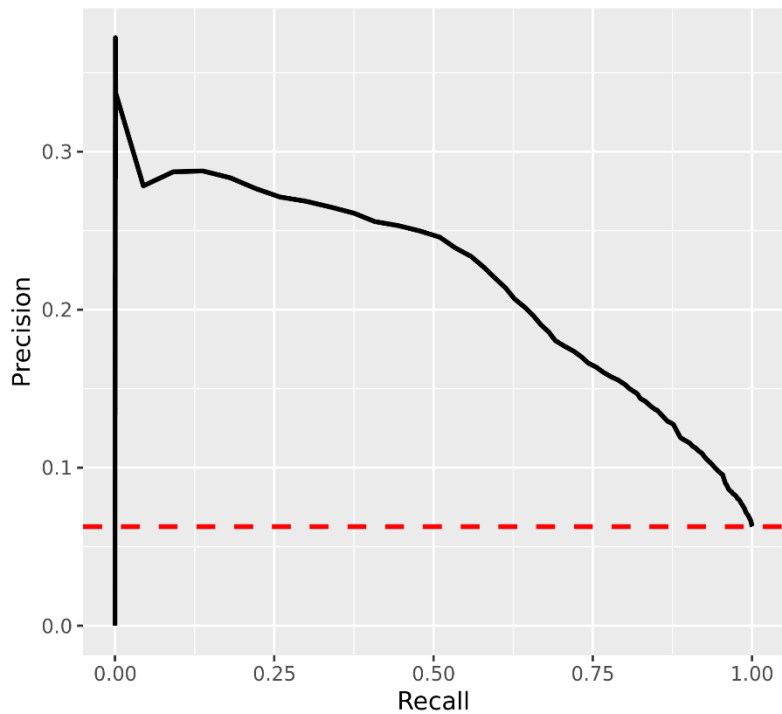**Supplementary Figure 1A. Recombination (1)**
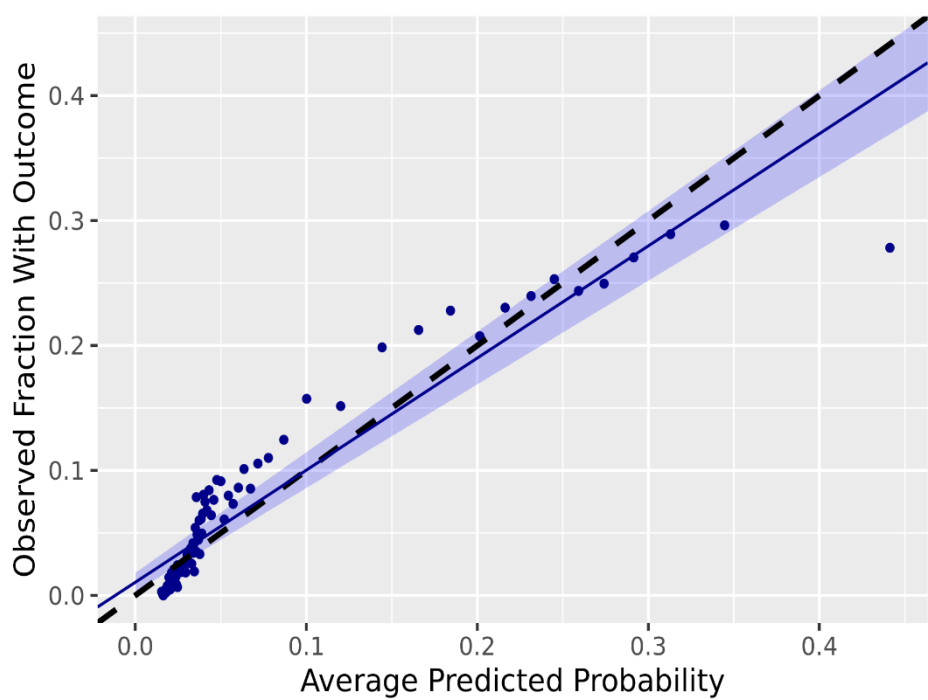

(a) AUROC predicting for MACCE

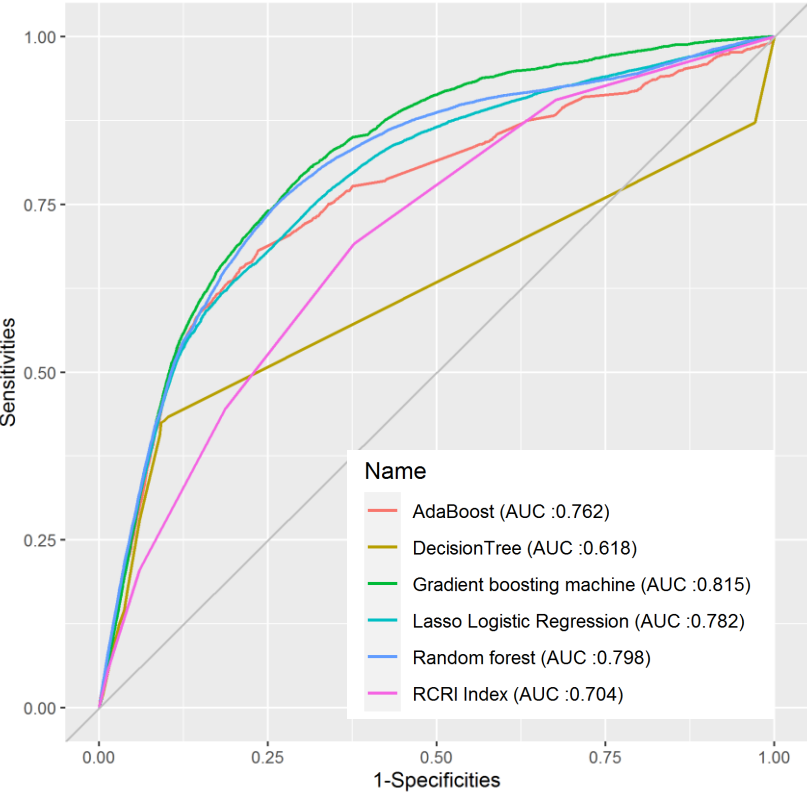**(b) AUPRC predicting for MACCE**

(c) Calibration plot for MACCE

Supplementary Figure 1B. Recombination (2)

(a) AUROC predicting for MACCE

(b) AUPRC predicting for MACCE

(c) Calibration plot for MACCE

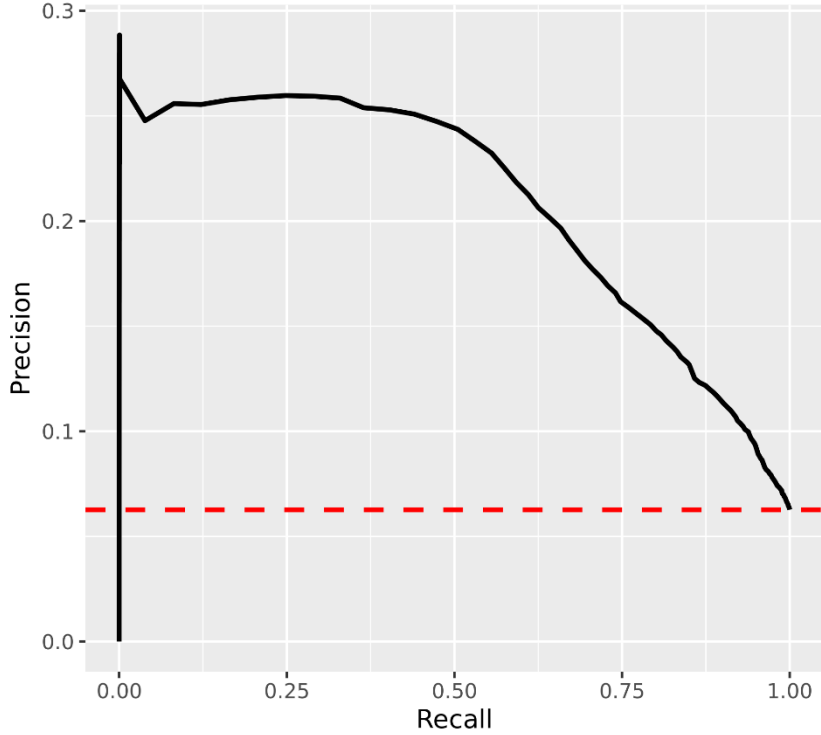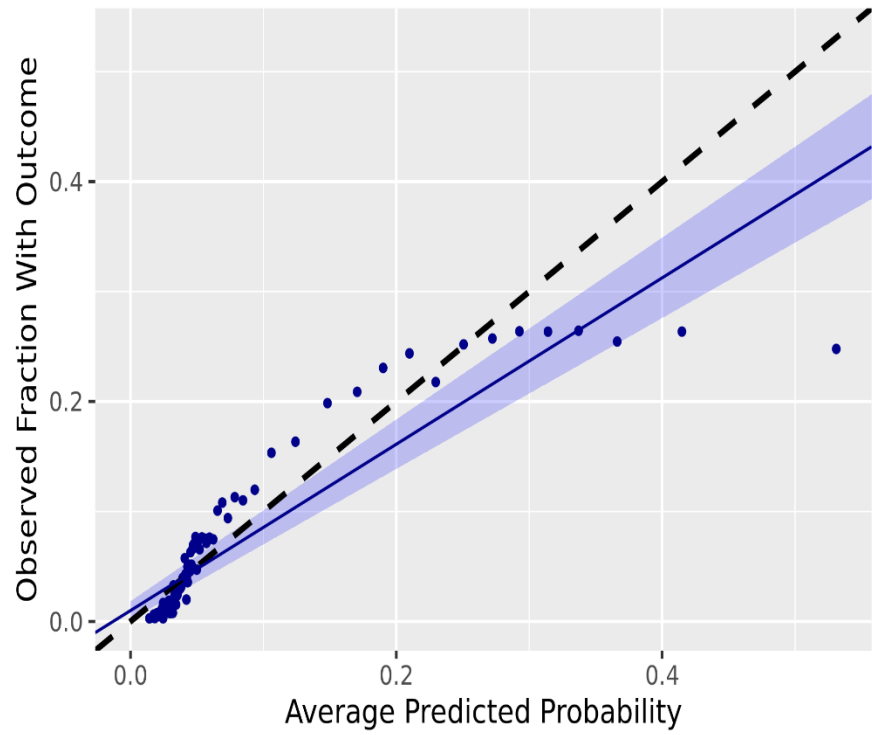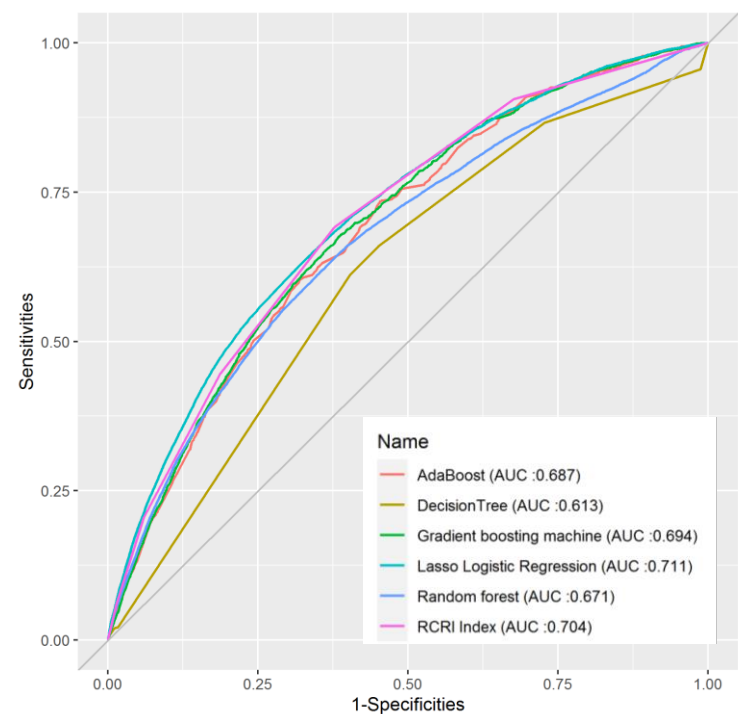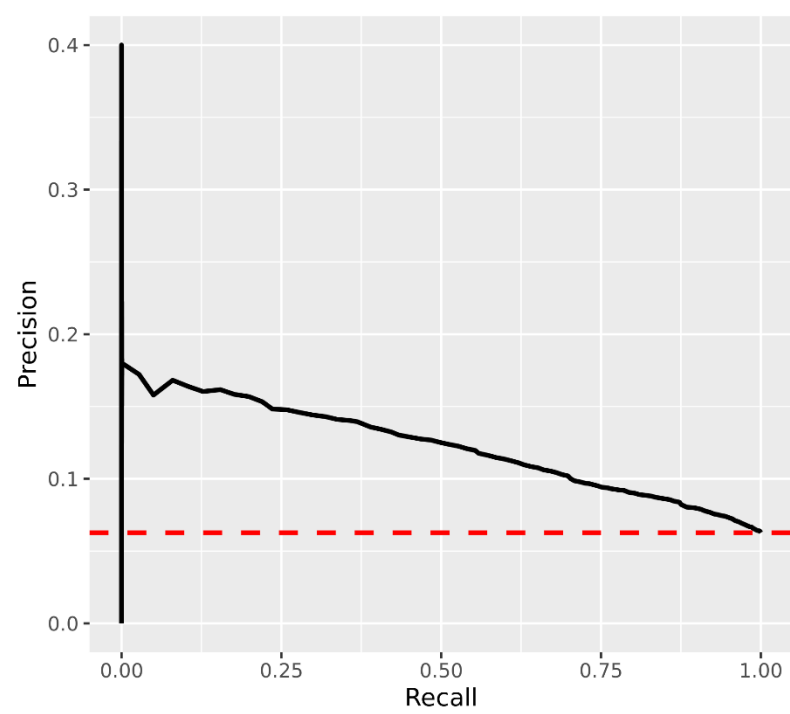**Supplementary Figure 1C. Recombination (3)**

(a) AUROC predicting for MACCE

(b) AUPRC predicting for MACCE

(c) Calibration plot for MACCE

Name
- AdaBoost (AUC :0.687)
- DecisionTree (AUC :0.613)
- Gradient boosting machine (AUC :0.694)
- Lasso Logistic Regression (AUC :0.711)
- Random forest (AUC :0.671)
- RCRI Index (AUC :0.704)