FIGURE 1



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| > rm(list = ls(all = TRUE))> ####Work Path Setting> setwd("C:/Users/23983/Desktop/R results")> ####Data import> #It is recommended to use UTF-8 csv format to import data> data <- read.csv("trainTotal data (+ disaggregated information) (10 risk factors).csv",header = TRUE)> ##########LASSO regression screening data predictors> library(glmnet)> set.seed(214825)> #Two pieces of data needed to build LASSO> x = data.matrix(data[,c(3:12)])> y = data.matrix(data[,c(2)])> #Conducting LASSO> fit = glmnet(x,y,family = "binomial",alpha=1)> #alpha=1 lasso regression, alpha=0 ridge regression.> fit> plot(fit,xvar="lambda",label=TRUE)> #Cross-validation> cv.fit <- cv.glmnet(x, y, family="binomial",nfolds = 10) > cv.fitplot(cv.fit)> abline(v=log(c(cv.fit$lambda.min,cv.fit$lambda.1se)),lty=2) |
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