dx_active_days 0.959611 0.023421 40.972 < 2e-16 ***
d0_session_count -0.079102 0.016260 -4.865 1.15e-06 ***
dx_session_count 0.039036 0.004743 8.230 < 2e-16 ***

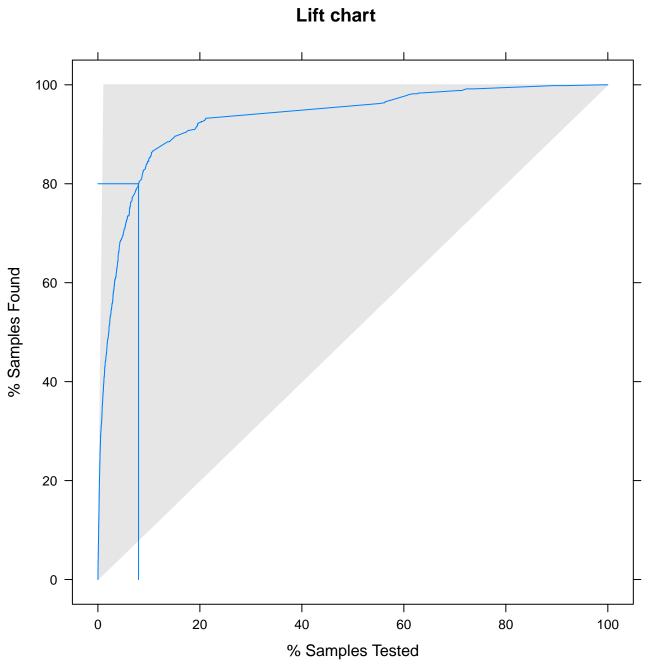
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

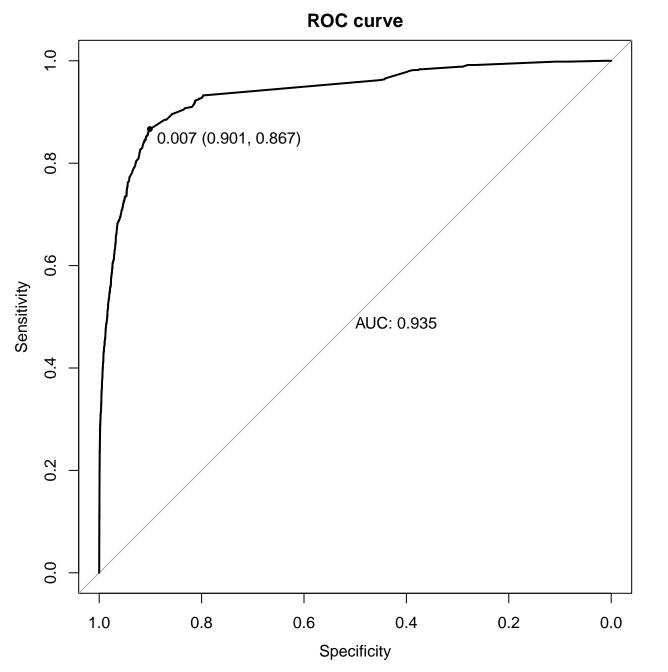
dx_payerTRUE 2.667605 0.119893 22.250 < 2e-16 ***

(Dispersion parameter for binomial family taken to be 1)

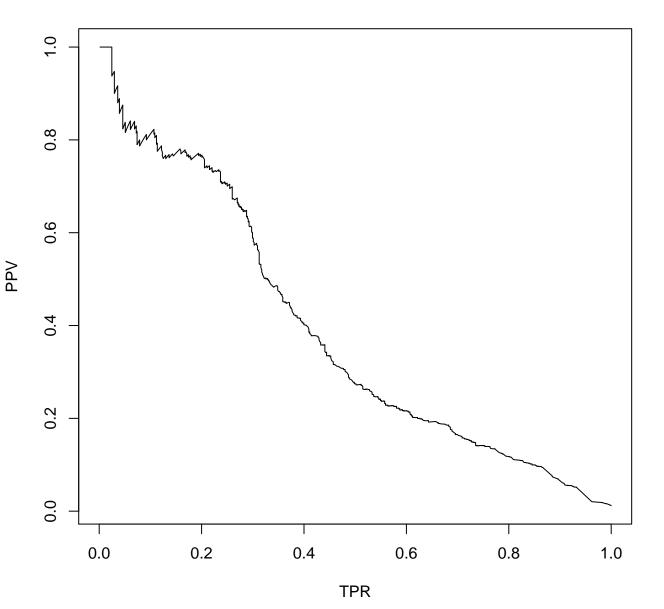
Null deviance: 26466 on 207255 degrees of freedom Residual deviance: 15385 on 207249 degrees of freedom AIC: 15399

Number of Fisher Scoring iterations: 9

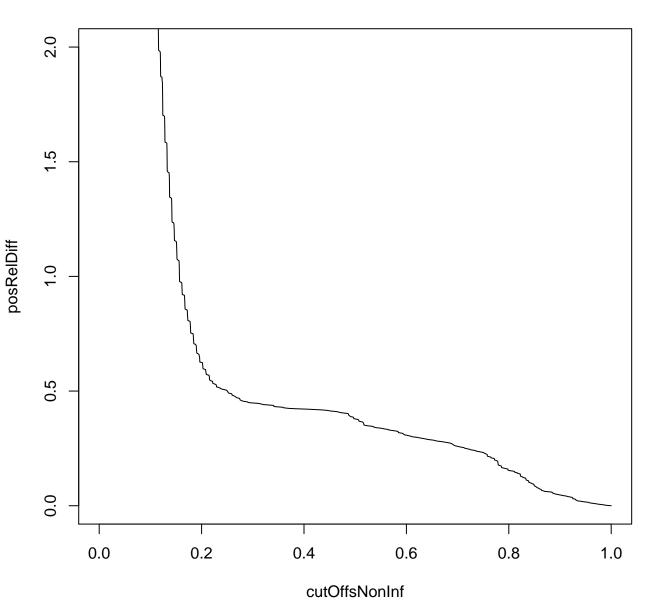




Sensitivity vs. Precision



predicted positives / actual positives



[1] "1st matrix - threshold [2] "0.00703044731668181" [3] "2nd matrix - threshold [4] "0.156792781476642"			actual	count	of p	oositives"

Confusion Matrix and Statistics

Reference

Prediction FALSE TRUE

FALSE 46137 81

TRUE 5068 527

Accuracy: 0.9006

95% CI : (0.898, 0.9032)

No Information Rate : 0.9883 P-Value [Acc > NIR] : 1

Kappa : 0.152

Mcnemar's Test P-Value : <2e-16

Sensitivity: 0.86678

Specificity: 0.90103
Pos Pred Value: 0.09419

Neg Pred Value : 0.99825

Prevalence: 0.01173

Prevalence : 0.01173
Detection Rate : 0.01017

Detection Prevalence : 0.10798

Balanced Accuracy: 0.88390

Balanced Accuracy : 0:00370

'Positive' Class : TRUE

Confusion Matrix and Statistics

Reference

Prediction FALSE TRUE FALSE 50843 365

TRUE 362 243

Accuracy: 0.986

95% CI: (0.9849, 0.987)

No Information Rate: 0.9883 P-Value [Acc > NIR] : 1.0000

Kappa : 0.3936

Mcnemar's Test P-Value: 0.9409

Sensitivity: 0.39967 Specificity: 0.99293

Pos Pred Value : 0.40165

Neg Pred Value : 0.99287

Prevalence: 0.01173

Detection Rate: 0.00469

Detection Prevalence : 0.01168

Balanced Accuracy: 0.69630

'Positive' Class : TRUE