dx_active_days 0.97215 0.03803 25.565 < 2e-16 ***
d0_session_count -0.08835 0.02617 -3.376 0.000736 ***
dx session count 0.04610 0.00737 6.256 3.96e-10 ***

(Dispersion parameter for binomial family taken to be 1)

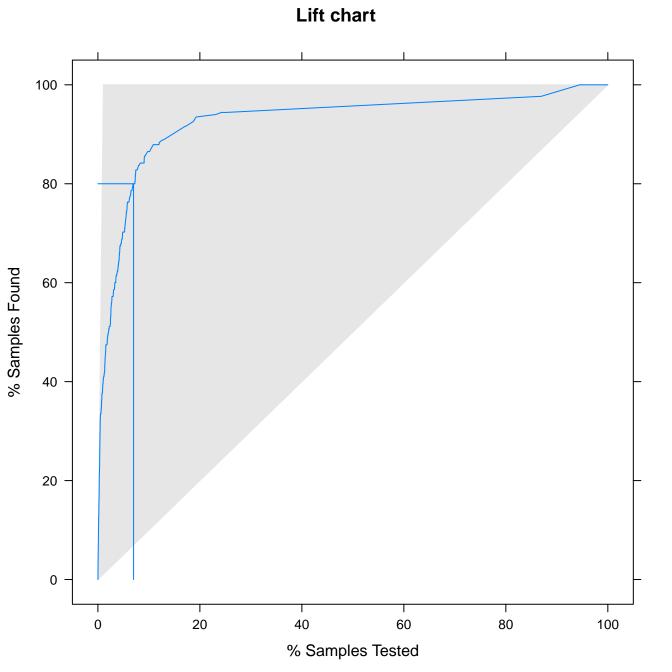
Number of Fisher Scoring iterations: 9

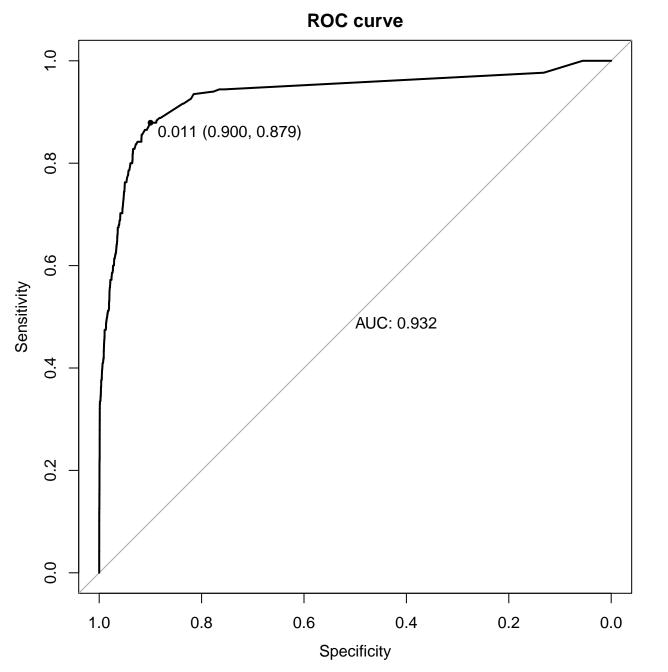
Null deviance: 9543.4 on 80000 degrees of freedom Residual deviance: 5672.0 on 79995 degrees of freedom

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

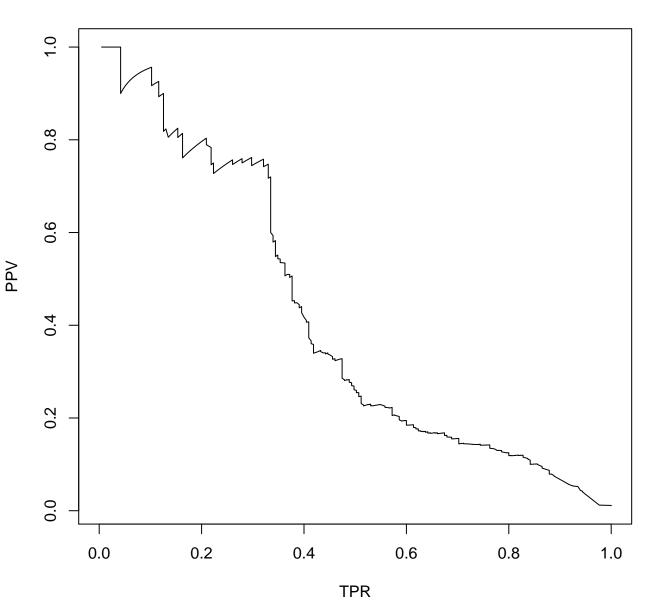
dx_payerTRUE

AIC: 5684

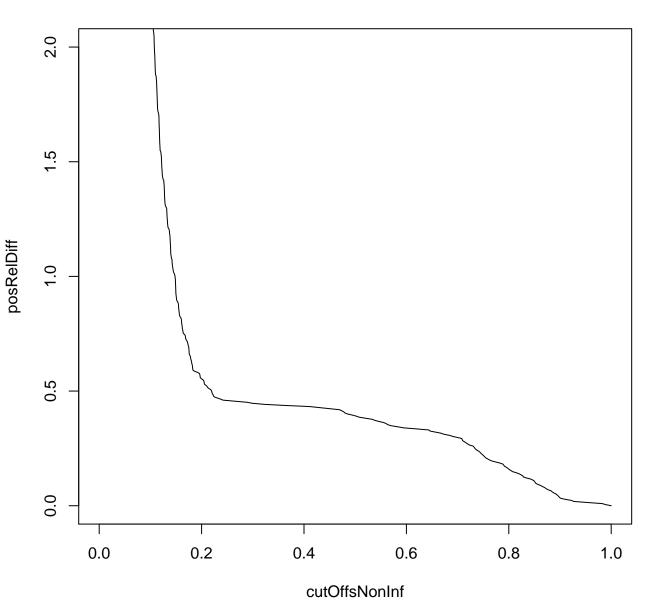




Sensitivity vs. Precision



predicted positives / actual positives



[2] [3]	"1st matrix - "0.01108232786 "2nd matrix - "0.14830229867	1501" threshold			actual	count	of	positives"

Confusion Matrix and Statistics Reference Prediction FALSE TRUE FALSE 17802 26 TRUE 1982 189 Accuracy: 0.8996 95% CI: (0.8953, 0.9037) No Information Rate: 0.9892 P-Value [Acc > NIR] : 1 Kappa : 0.1416 Mcnemar's Test P-Value : <2e-16 Sensitivity: 0.87907 Specificity: 0.89982 Pos Pred Value : 0.08706 Neg Pred Value : 0.99854 Prevalence: 0.01075 Detection Rate: 0.00945 Detection Prevalence : 0.10856 Balanced Accuracy: 0.88944

'Positive' Class : TRUE

Confusion Matrix and Statistics

Reference

Prediction FALSE TRUE

FALSE 19657 128

TRUE 127 87

Accuracy: 0.9872

95% CI: (0.9856, 0.9888)

No Information Rate: 0.9892 P-Value [Acc > NIR] : 0.9966

Kappa : 0.3992

Mcnemar's Test P-Value : 1.0000

Sensitivity: 0.40465

Specificity: 0.99358

Pos Pred Value : 0.40654 Neg Pred Value : 0.99353

Prevalence: 0.01075

Detection Rate : 0.00435

Detection Prevalence : 0.01070

Balanced Accuracy: 0.69912

'Positive' Class : TRUE