

```

#evaluate model
library(gmodels)
CrossTable(x=College_test_labels, y=College_test_pred, prop.chisq = FALSE)

##
##
##   Cell Contents
## |-----|
## |                N |
## |      N / Row Total |
## |      N / Col Total |
## |      N / Table Total |
## |-----|
##
##
## Total Observations in Table:  100
##
##
##
## College_test_labels | College_test_pred
## |                No |                Yes | Row Total |
## |-----|-----|-----|
## |                No |                28 |                8 |        36 |
## |                | 0.778 | 0.222 | 0.360 |
## |                | 1.000 | 0.111 | |
## |                | 0.280 | 0.080 | |
## |-----|-----|-----|
## |                Yes |                0 |                64 |        64 |
## |                | 0.000 | 1.000 | 0.640 |
## |                | 0.000 | 0.889 | |
## |                | 0.000 | 0.640 | |
## |-----|-----|-----|
## |      Column Total |                28 |                72 |       100 |
## |                | 0.280 | 0.720 | |
## |-----|-----|-----|
##
##

```

The results are pretty good. We were able to classify correctly 92% of the testing data.