Week 9: Practice Exam #4

Instructions: This is the second of three practice exams leading up to the final exam. Complete the analysis specified below by writing and running the appropriate R-code.

1. Run ?USJudgeRatings and examine the help file for that built-in data frame. Cut and paste the most relevant information from the help screen below.
2. Copy the built-in data frame USJudgeRatings into a new data frame. Call your new data frame “newJudge”.
3. Create a binary version of the RTEN variable in newJudge with the following code:  
     
   newJudge$retain <- newJudge$RTEN > median(newJudge$RTEN)
4. Run summary() on retain, CONT, and INTG from your newJudge data frame. Paste in the results below.
5. Run a logistic regression model using CONT and INTG to predict retain. Report the results below.
6. Paste in all of your R code below.
7. Provide a write up of your results, with an interpretation of the research question, “Can the number of contacts between a lawyer and a judge along with the lawyer’s rating of judicial integrity predict retention recommendations about the judge?”