Generalized Linear Models

January 17, 2018

1   Predicting Hospital Re-admission

In this exercise, we will once again use the data in the file `diabetes_data_clean.csv`. In particular, we will use these data to attempt to predict hospital re-admissions.

As it stands now, there is a variable called `readmitted` in the data set. However, we want to re-code this variable so that the values are either `TRUE` or `FALSE`. Once this is complete, we would like to fit some lasso models to this newly recoded outcome variable. In particular, we would like to use the `cv.glmnet()` function as we did previously to identify those variables that are the most important predictors of whether or not patients are re-admitted.