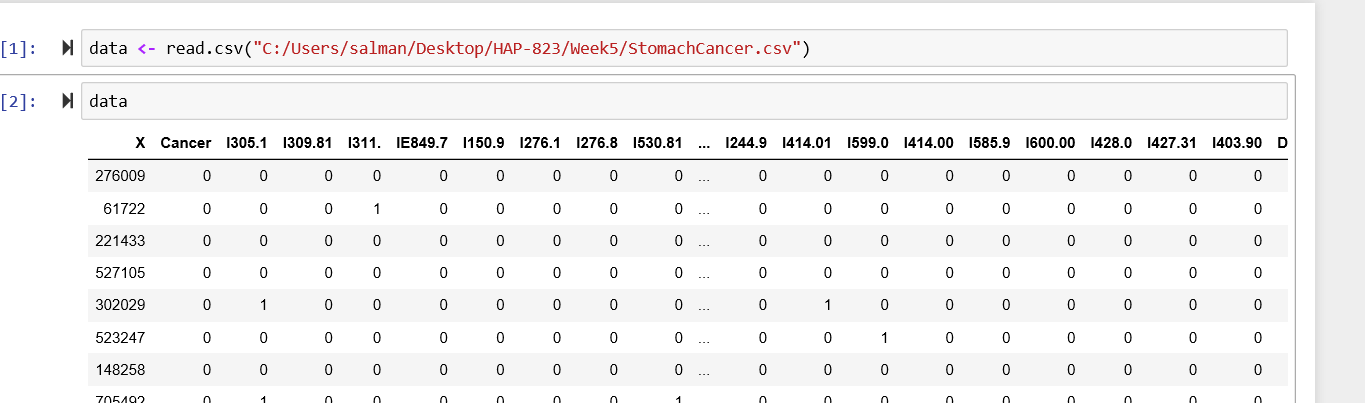
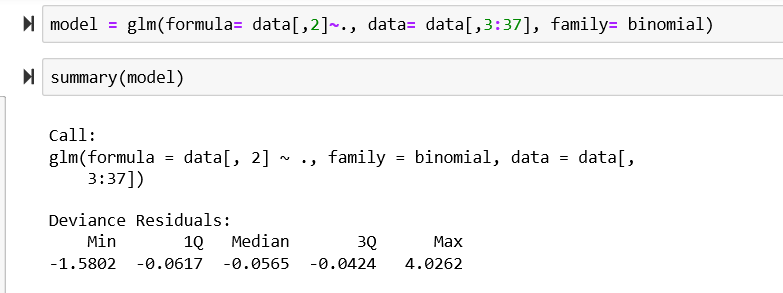
I first uploaded the data to R.

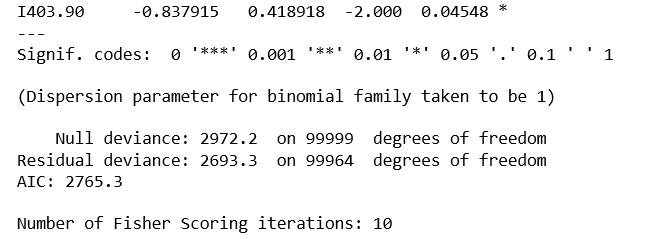
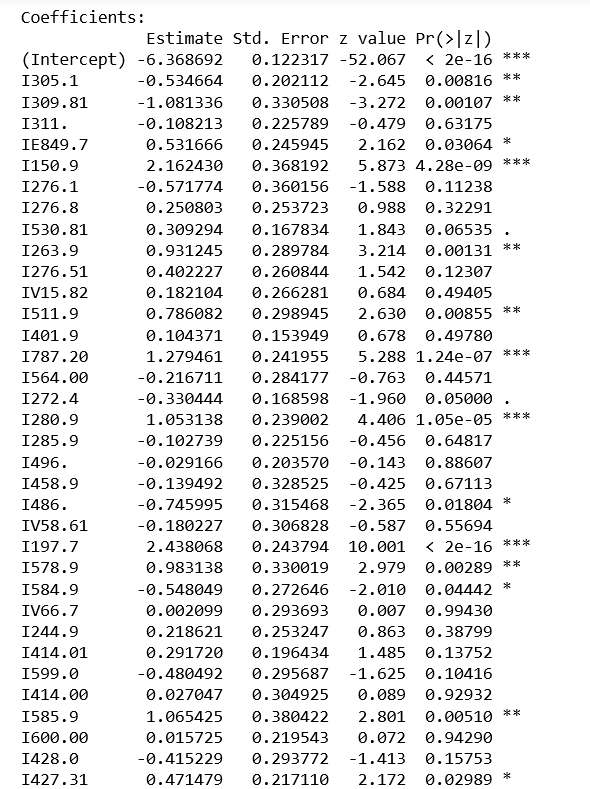


Next, I run logistic regression on cancer as outcome variable, and the rest of the conditions are the independent variables.

Here is the formula:



Here is the output:



Based on the model, I selected the conditions that are statistically significant in the model to be included in the overlap and the common odd ratio accordingly.

Below is screenshots of my SQL codes.

