In-Class Assignment- Group 8

The equation we got for running the regression of these variables on balance is:

When we ran the F-test, we got a p-value of . With a confidence level of 95%, and a p-value less than 0.05, we can conclude that the variables we used in this model are statistically significant. When we ran F-tests individually, each variable resulted in a p-value of , meaning that every variable included was statistically significant, hence why we did not remove any once we ran the F-test.