1. Find a journal article that uses a chi-squared test (Pearson’s test) to test for independence of two categorical variables (in a contingency table).
   1. Write the reference to the article (hint: can use pubmed.gov or a particular medical journal and search for “chi-squared test” and a specific disease or public health area that interests you),
   2. copy the contingency table into your homework,
   3. reproduce their p-value (show the STATA output and do by hand).
   4. What conclusion did the investigators draw? Did they use the correct statistical test? If not, did they come to the right conclusion?

1. Find a journal article that uses a Fisher’s exact test to test for independence of two categorical variables (in a contingency table).
   1. Why did they use this test instead of the chi-squared test?
   2. Write the reference to the article,
   3. copy the contingency table into your homework, and
   4. reproduce their p-value (show the STATA output).
   5. What conclusion did the investigators draw? Did they use the correct statistical test? If not, did they come to the right conclusion?