**Questions assessment 2 stats**

Question 1.

The data is very skewed to the right. I tried normalising with log2, log10 and sqrt. Is there any other transformations can work better? How can I justify one or another transformation?

Poison distribution. Get confused with the size of n and sample. Can you treat it as normal?In some cases, yes. You’ll still get reasonable parameter estimates and standard errors. But don’t do it blindly. Check your assumptions. (You always do, right?) If the distribution is too skewed or residual variance too heteroskedastic to assume normality, then no.

What kind of approach should I use (1) the critical value or the (2) p-value? Should I use and specify test because the data doesn’t look normal at all?

Is the value I calculated the p-value?

Question 2.

we apply a chi-squared test?

Question 3.

I guess in this question the tricky thing is to state the assumptions in computing the interval, and verify whether they are valid. Which are the assumptions. How can I verify them?