$$\hat{\beta} \qquad \hat{\beta}(x=x) = \frac{\lambda^x e^{-\lambda}}{x!}$$

First, we solve with the sample mesh, $\frac{1}{\lambda} = \frac{2 \times 8}{Total months} = \frac{111}{100} = 1.11$

Expected forguery for k injuries for month: 100x PKeck)

4 horformed the two chi-square tests with the

Dample much and a mean = 1 and got

43.88169 and 25.11419.

I have a small confusion on shooting the critical value but the two this-squares are critical value but the two this squares and I would very large and it doesn't matter and I would very large and it hundred in both the

just reject are run

The difference between the two roses is that the mean is given in (b) and it is not given in @. The confusion I had was based on this difference and how to choose the oistical value. Part (b) is used when external information such as industry standards, previous studies, etc. suggest a theoretical grate of occurrence. You are testing the fit of the data to a known or expected riste, possibly to validate consistency with other findings or assemptions. Part @ is used when there is no prior knowledge about the expected rate of occurrences. analyzing new types of data or

situation where external frenchmerke or suidered when are not established. It can also be considered when the dataset is assumed to provide a sufficient the dataset is assumed to known.

and subtissed estimate of the mean.