# Poisson Regression Assignment

A screenshot of a cell phone

Description automatically generated

1. Fit a first order model using Poisson Regression with the Log-Link
2. Fit a first order model using Poisson Regression with the Identity link
3. Compare the model deviances between questions 1 and 2, which would you choose?
4. For the model of question 3, what is the estimated mean number of unpopped kernels when Temperature is 5, Oil is 3, and Time is 90?
5. For the model of question 4, what is the estimated probability that there will be less or equal to 30 unpopped kernels when Temperature is 5, Oil is 3, and Time is 90?