

**Module 3B Questions:**

1. In the 12-mouse dataset, among Chow-fed mice, do strains differ in mean glucose levels?
2. You are studying the expression levels of a gene involved in immune response across three different strains of mice (Strain A, Strain B, Strain C). The goal is to determine whether there are significant differences in **mean gene expression across these three strains** and, if there is, identify which strains are significantly different.

Strain	Number	Mean	Variance
A	10	12.5	2.1
B	10	15.2	2.3
C	10	18.7	2.0