**Excel (Regression)**

The dataset ***mercury.xl***s has two variables both numeric:

- methyl mercury intake (INTAKE)

- mercury in whole blood (BLOOD)

 These two measures were recorded on a sample of 15 subjects exposed to methyl mercury through consumption of contaminated fish. The researcher wants to know if is possible to predict the level of mercury in the blood from the level of mercury intake.

**a. Identify the dependent (Y) and the independent (X) variables**

**b. Plot the data and comment of the relationship between X and Y**

**c. Determine the LSE estimates of the slope (b1) and the intercept (b0)**

**d. Test for the null hypothesis that b1=0 and interpret the results.**

**e. Can you suggest a model that would describe the relationship between Blood and Intake better than the straight line model?**