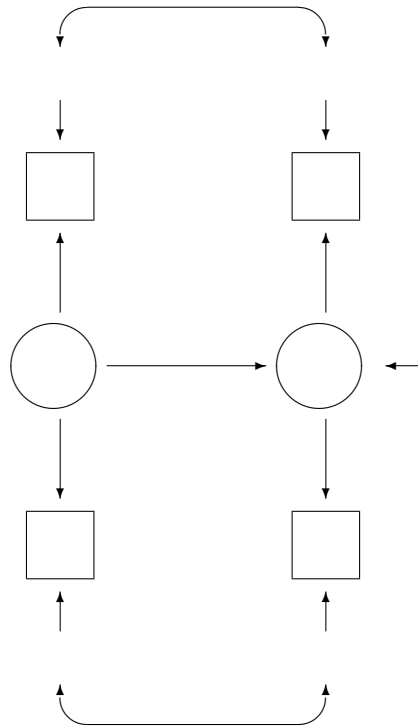# STA312F07 Quiz 10

1. Complete the following path diagram with the names of the variables you used in your SAS program.

2. How do you know the model is identified? No proof is required; just answer in one or two sentences.

3. How well the model fits the data? Carry out a formal hypothesis test. Give the numerical value of the test statistic, the degrees of freedom, and the p-value. What does it tell you (use $\alpha = 0.05$)?

4. Hand in the *log* file.

Total Marks = 10 points