Math 6010–1, Fall 2014
Mini Project 2

Due: November 3rd, in class (& on time)

This is a continuation of the previous project. Consider only the variables **ArsenWater** and **ArsenNails**. Perform a polynomial regression, using polynomials of order at least 4. Experiment with the degree of the polynomial before you start writing. Explain your regression model. Perform diagnostic tests for your model in order to propose a definitive, explanatory model. Describe your findings, as well as your methods, carefully.

Your project report must be a carefully-crafted paper, approximately 5–10 pages long, with an abstract, introduction, carefully-documented bibliography, etc. You must include a section for detailed analysis, and a section for conclusions.