

Assignment 3
An Intense Course in Data Analysis Using MultiLevel Regression Models
Peking University Summer School, 2010

This assignment uses the data on arsenic in wells.

1. Try adding education into the model we used in class as a linear term. Do you like the fit of that model?
2. Now turn education into a factor with only a few levels, which you can choose. Compare the fit of that model to the one with education as a linear term.
3. It might be that people are willing to walk farther to a new well if their well has more arsenic. The model we fit in class does not allow that. Fit a model which does. Does it fit the data better than the model we used in class? Please explain.