

Lab

Researchers have collected data on the number of deaths recorded for smokers and non-smokers in five age groups. This is recorded over a region with certain number of person years.

1. Fit the model using proc genmod including both the age categories and smoking categories.
2. Estimate the relative rate of death for non-smokers.
3. Estimate the relative rate of death for people in the first age category compared to the 4th age category.
4. Do 3 as a contrast, note this checks to see if age groups 1 and 4 can be combined.