

DATA FILE: pollution_419.CSV

The data file contains information based on the total age-adjusted mortality rate from all causes, in deaths per 100,000 people. Define this variable to be MORT. Although this variable is not included in the data set, the following grouping variable is based on MORT. The data is based on 60 metropolitan areas in the United States.

GROUPING VARIABLE:

The grouping variable is MORTRANK (1 if $MORT < 912$, 2 if $912 \leq MORT < 968$, 3 if $MORT \geq 968$).

Other variables in the data set are shown below.

PRECIP = mean annual precipitation, in inches

EDUC = median number of school years completed for people 25 years or older

NONWHITE = percentage of population that is non-white

NOX = relative pollution potential of all nitrogen oxides

SO2 = relative pollution potential of sulfur dioxide

“Relative pollution potential” is the product of the tons emitted per day per square kilometer and a factor correcting for the dimension and exposure of a metropolitan area.