# Regressions

Running a regression is really easy in Stata:

reg mpg weight

The dependent variable goes first and you can have as many independent variables as you would like:

reg mpg weight length

Running with robust standard errors is also easy

reg mpg weight length, robust

In order to have a variable be treated as a categorical variable with dummies included, just prefix:

xi: reg mpg weight i.manufacturer

If you encode the variable, then you can do it even more cleanly with nicer output:

encode(manufacturer), gen(manufacturer\_id)

reg mpg weight i.manufacturer

Finally, if you don’t really care about the particular fixed effects or if you have a lot of them then you can simply absorb the fixed effects:

areg mpg weight, absorb(manufacturer)