

## Exercise: Mata and Stata

Load the file `lifeexp.dta`, which contains information about population growth and life expectancy for different countries in three regions.

Create the table below by combining Stata and Mata commands in the following steps:

1. Create a Mata function “ownmean”, which calculates the mean of a Stata variable, which can be specified. Load the variable as a view rather than copying it to save memory space. Calculate the mean using build-in Mata functions.
2. Within a Stata loop, execute your Mata function for the variables population growth, life expectancy and GNP per capita and store the result in a Mata matrix.
3. Load the created matrix to Stata, add row and column names.
4. Export the table using a command of your choice.

Your output table should be as below:

	Mean
Population growth	0.97
Life expectancy	72.28
GNP pc	8,674.86

The exact format of the table might vary but you should use Stata to generate and export the table to excel or word.