

Chapter 5 Homework

Do the following data analysis exercises using the United Nations data:

Exercise D5.3, for the simple regression of the total fertility rate on each of GDP per capita, female illiteracy, and contraception.

Exercise D5.5, for the multiple regression of the total fertility rate on GDP per capita, female illiteracy, and contraception.

Note: Be careful to filter the data for missing values so that all of the regressions are fit to the *same* subset of the data; for example, if the data are read into the data frame UN, you can use the command

```
UN <- na.omit(UN[, c("tfr", "GDPperCapita", "illiteracyFemale",  
                    "contraception")])
```