Problem Set #7

MACS 40000, Dr. Evans

Due Wednesday, Nov. 15 at 1:30pm

1. **Fertility rate function (2.5 points).** Complete Exercise 10.1 at the end of Chapter 10. You will need the fertility rate data from the National Vital Statistics Report, vol. 64, no. 1 (https://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_01.pdf).

2. **Mortality rate function (2.5 points).** Complete Exercise 10.2 at the end of Chapter 10. Use the mortality rate data in the file mort_rates2011.csv.

3. **Immigration rate function (2.5 points).** Complete Exercise 10.3 at the end of Chapter 10. Use the U.S. Census population data in the file pop_data.csv.

4. **Population time path (2.5 points).** Complete Exercise 10.4 at the end of Chapter 10.