This is the last question of Homework 5. The complete homework assignment is as follows:

- Chapter 10, Review Exercises nr. 4, 6, 10 on page 176-178
- Chapter 11, Review Exercises nr. 4, 5, 6, 7 on page 198-199
- Chapter 12, Review Exercises nr. 5, 6 on page 214-215
- Question 1 below

(2.5 points for each question)

1. Go to the website http://www.gapminder.org/world.

   (a) Choose ‘Urban population (% of total)’ as your independent variable, and ‘Life expectancy at birth (years)’ as your dependent variable. Look at the scatter diagram for the year 2000. List the ten countries with an urban population of around 15% (between 12.5% and 17.5%). What is the average life expectancy for these countries?

   (b) By looking at the plot (so you don’t have to do any computations) ‘guesstimate’ the average life expectancy among countries with an urban population of about 90%. Explain how you obtained your answer.

   (c) A policy maker has been working with this software, and has noticed that countries with a higher level of urbanization tend to have a higher life expectancy. Hence, in order to increase life expectancy, he recommends that countries encourage people in non-urban areas to move to cities. Do you agree with his advice? Why or why not?