

EC569 Economic Growth

Questions for Seminar 2

1. Use the “Weil Data” dataset on Moodle to make a scatter plot of average years in education (Column L) and GDP per worker (Column N, you should use a ratio/log scale) in 2009. What is the general relationship?
2. Describe Barro (2001). In particular, clearly state
 - Motivation of the paper
 - Research question of the paper
 - Methodology of the paper
 - Results of the paper
3. According to Barro (2001), what is the relationship between human capital and economic growth?
4. What is the policy implication of Barro (2001)?
5. Using the extended Solow model, analyze the impact of a sudden and permanent reduction in growth rate of population, n .
6. Using the extended Solow model, analyze the impact of a sudden and permanent increase in human capital per worker, h .

Assigned Reading:

Barro, Robert, Human Capital and Growth, *American Economic Review*, 91 (2), 2001, pp.12-17