

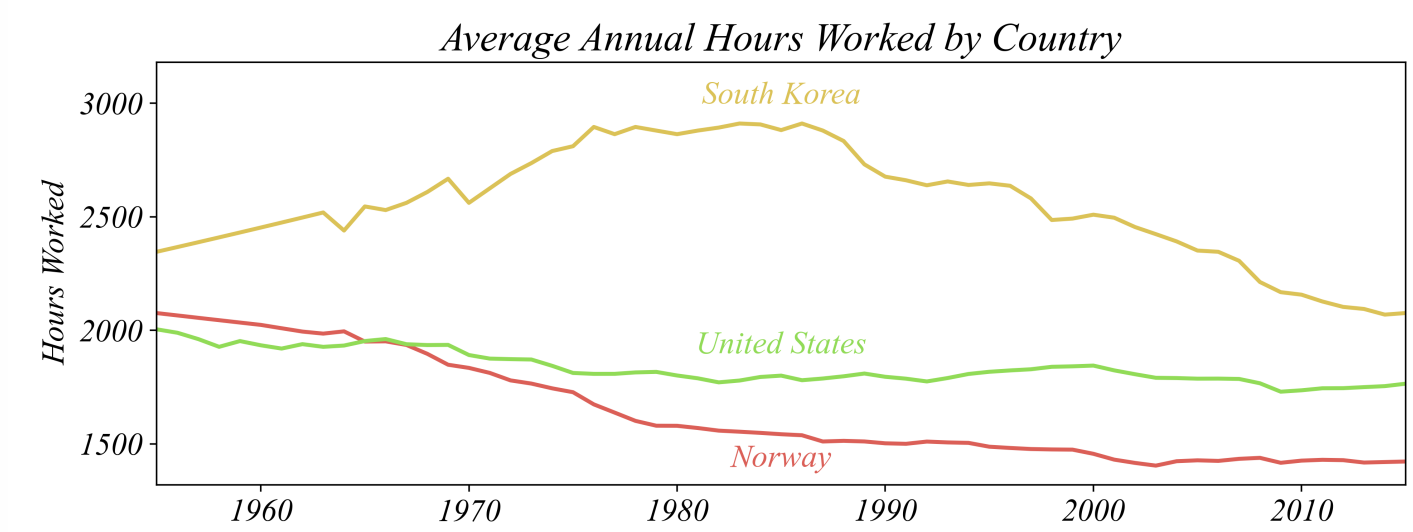
ECON 0150 | Fall 2025 | Homework 1.4

Due: Friday, September 12 at 5PM

Homework is designed to both test your knowledge and challenge you to apply familiar concepts in new applications. Answer clearly and completely. You are welcomed and encouraged to work in groups so long as your work is your own. Submit your figures and answers to Gradescope.

Q1. Numerical Variables in Panel

The following data on hours worked is available from Our World in Data. This question is aimed at practicing the skill of making comparisons of continuous variables displayed visually.



a) In which country did people work the most on average?

- South Korea
- United States
- Norway

b) When did Norwegians work less than Americans?

- Before 1963
- During 1963
- After 1963
- Never

c) When was the largest difference between the longest and the shortest annual working time?

- 1960s

- 1980s
- 2000s
- 2010s

d) In the 1980s, roughly how many times more did an average South Korean work than an average Norwegian?

- 2x
- 3x
- 4x
- 5x

e) Use `working_north_america.csv` to create a multiple line plot showing the average annual hours worked by country for the United States, Canada, and Mexico between 1955 and 2015.