

ECON 4311 — HOMEWORK 4, SPRING 2024

DUE DATE: April 15, 2024.

INSTRUCTIONS

Please read the whole assignment and the referenced book chapters before starting working on the different exercises. Also, make sure to follow the *general guidelines* provided in *Canvas* for assignment submission.

BOOK EXERCISES

- Chapter 10: Q1, Q3, Q4, Q10, Q12.
- Chapter 11: Q2, Q5, Q7, Q8.
- Chapter 12: Q1, Q2, Q4, Q5, Q8.
- Chapter 13: Q3, Q4, Q7, Q8, Q10, Q11, Q12, Q14.

READING EXERCISES

1. Read the paper: Amarante, V., Galván, M., and Mancero, X. (2016). "Inequality in Latin America: A global measurement". *Cepal Review* 118, p. 26-44. (*Find it on Canvas*).
2. Answer the following questions:
 - i. Make a ranking of the most unequal Latin American countries (in descending order) from 2002 to 2012. Do you see any interesting pattern?
 - ii. Make a ranking of the poorest countries in Latin American countries (in descending order) for years 2002 and 2012. How have the rankings changed?
 - iii. Make a ranking of the skill-premium in tertiary education for years 2002 and 2011. How have the rankings changed?
 - iv. How are the Gini coefficient, the Theil index, and the 90/10 ratio computed? What do the different measures tell us about inequality?
 - v. Provide a summary of the paper in 5-7 bullet points, addressing the following points: What do the authors do? Which countries and time-period study? What is their methodology? What are the main findings? Do these findings have policy implications? If so, which ones?