**ECO 82800 Panel Econometrics**

Homework 1

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Dataset: Baltagi and Griffin (1983), 18 OECD countries over 19 years, 1960‑1978.

Variables:

(1) CO = Country.

(2) YR = Year.

(3) LN(Gas/Car): The logarithm of motor gasoline consumption per auto.

(4) LN(Y/N): The logarithm of real per‑capita income.

(5) LN(Pmg/Pgdp): The logarithm of real motor gasoline price.

(6) LN(Car/N): The logarithm of the stock of cars per‑capita.

**Replicate Table 2.5 on Baltagi’s book**

* OLS
* Between
* Within
* WALHUS
* AMEMIYA
* SWAR
* IMLE

Question 1-3 on R

Question 4-5 on Latex





