ECON 6010 Statistical Methods
Midterm
Due 11/01/2017 In class
Dr. Fadi Fawaz
Department of Economics and Finance
Tennessee State University©

Go to http://databank.worldbank.org/data/reports.aspx?source=world-development-indicators **and:**

1. Using the following countries: Austria, Belgium, France, Germany, Italy, Netherlands, Norway, Portugal, Spain, United Kingdom, Argentina, Brazil, Colombia, Chile, Ecuador, El Salvador, Nicaragua, Panama, Uruguay, and Venezuela.
2. Years from 1980-2017
3. Series: 1- GDP per capita growth (annual %), 2- Gross fixed capital formation (% of GDP), 3- Population growth (annual %), 4- Government expenditure on education, total (% of GDP), and 5-Trade (% of GDP).
4. The data set should include: the year, country name, and the variables listed above, each in a separate column (remove all other columns).
5. After selecting each variable for all countries (in 2) separately, top right corner download options => advanced options => csv=> Export range= entire data set , Variable format= names only, Data format = list

<u>**Using Stata:**</u>

1. **Generate the best fit model**
2. **Test for NIID for regression in 1 and discuss results**
3. **Generate necessary graphs (your choice).**

<u>**Instruction:**</u>

Submit: (<u>Stapled</u> and names <u>Printed</u> on all documents)

1. **The do file (JUST THE DO FILE)**
2. **2-3 pages <u>word document</u> that includes:**
   (a) **Regression results neatly tabled in separate tables in a word document table**
   (b) **Explanation of results in paragraph form**
   (c) **I do not need at stata output pages.**