**Readme file.**

**Description of files included. Codes, data and results.**

The Gauss codes have been obtained from the authors of the procedures in Phillips and Sul (2007, 2009). References:

Phillips, P.C.B. and D. Sul (2007): “Transition modeling and econometric convergence tests*”, Econometrica*, vol. 75(6), 1771-1855.

Phillips, P.C.B. and D. Sul (2009): “Economic transition and growth”, *Journal of Applied Econometrics*, vol. 24, 1153-1185.

**Files included in the zip:**

* **Folder DATA**
* CO2capita\_1960.xls (original source aggregated data)
* CAIT\_Country\_GHG\_Emissions\_All\_Data.xlsx (CAIT data on GHG emissions by sector and subsector.
* Data extracted to be used in the Gauss codes:
  + global.txt
  + agriculture\_short.txt
  + industry\_short.txt
  + energy\_short.txt
  + electric.txt
  + manufact.txt
  + other.txt
  + transport.txt
* The main procedures and results are included in two folders, PS\_2007 and PS\_2009, that correpond to Phillips and Sul (2007, 2009) papers.
* **Folder PS\_2007:**
  + The results are included in the Word document.
  + The main code is Ph\_Sul\_eco\_2007\_TRANS.txt, that provides the convergence tests and the transition paths.
  + The output is included in the .out files.
  + The resulting transition paths are included in file transition\_paths.xls.
* **Folder PS\_2009:**
  + The results are also included in the Word document
  + The main code is phillips\_sul\_09\_electric.pgm, that provides as well as the algorithm of the club convergence tests, the club merging tests (in this case, the example corresponds to the sub-sector electricity).
  + The output of the tests is contained in the .out files.