**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.