

Adelaide March 2014

In the attached zip file you will find 4 files:

1. DAI2007.har which contains the 2007 DAI data down loaded from the World Bank and some additional data taken from the V8.1 GTAP database together with some sets/mapping file needed.
2. DAItoGTAP.tab which calculates the tms, txs, to, tfd and tfm shocks to be used in an alertax closure of the GTAP model.
3. DAI.bat file which runs everything using the
4. DAI2007.cmf file

The program found in DAItoGTAP.tab is a general program which can calculate shocks for any aggregation of the V8.1 GTAP database. All you need to do is to make your aggregation of the GTAP database and copy the files Basedata.har, sets.har and default.prm into the same folder as the 4 files listed above.

You can then open DAItoGTAP.tab using TABmate, push the button to tablo code to create a FORTRAN program. Once this is done open a DOS box in current folder, type DAI.bat in the DOS prompt and press enter.

The program should produce three files

1. DAIview.har which gives you an overview of the DAI data and the DAI aggregated data to GTAP concordance.
2. DAISHK.har which contains the shock needed to run the alertax procedure
3. Alertax.prm a new parameter file needed to run the GTAP model when altering tax rates

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