**Instructions to produce the data**

To produce the data using the CGEBox split utility, use the following steps:

1. Put the bellow files under …….\CGEBox\data

Output shares: output2.gdx,

1. Put the following files under ………..\CGEBox\gams\build

File to extend GTAP AGRO-FOOD data: fabio\_agr (Britz, 2022)

The file to add dairy products to GTAP AGRO-FOOD data is split\_dairy.gms (Britz, 2022)

File to disaggregate GI products: Final\_GIs.gms

1. Put the following files under ………. \CGEBox\gams\build\split

File to extend the disaggregation to the NUTS2 region: Split\_nuts2

**Guideline for implementing in CGEBox**

The disaggregation follows three steps:

1. First to produce the agrofood data
2. Split the dairy data in the agrofood data
3. Produce the GIs data

Here, we show how to obtain the first step data.

In the GUI of CGEBox the process adopted here can be replicated following the steps provided below:

“Prepare data” in the WorkSTEPS and “**GTAPAgg”** in the CGEBox tasks are selected.

Under “General setting” in the interface, GTAPv10\_2014 is selected as the database version, and gtap\_d is selected as the database variant.

“fabio\_agr.gms” built for the disaggregation is selected as a split information file.

We tick on Generate new DB and name the folder where data from this step will be stored.

Afterwards, Start GAMS will produce the disaggregated data. The same process will be followed for all the other steps.

