**Exporting the IMPLAN Data**

Data from IMPLAN is first prepared using the Batch Model Processing tool under the Help tab. We import the batch file *data/implan/Batch\_all\_states.xls* which contains a list of all US states for years 2015, 2016, and 2017. Then, running Construct Models, we produce a set of unprocessed models for the given regions.

Next, we open a model and construct the model up to industry accounts (Options > Construct > Industry Accounts). Then, we open the Industry Accounts tab, click on “IxI Social Accounting Matrix” and export an aggregated industry detail file (Export > Industry… > Industry Detail, Aggregated Rows). Make sure to use the default file name which is “[State] [Year] Regional IxI Sam Industry Detail AggregatedRows.csv” since it is used by a later script. We repeat these steps for each model in our data set – every state and year.

**Processing the Raw SAM Files**

At this point, we have generated the files found in d*ata/implan/industry\_detail*. Each file in this directory contains the transfers between each sector of the SAM. These must be further processed to produce a SAM matrix; to do so, run the script *code/python/construct\_state\_sams.py*. This script will process the IMPLAN output for every state and year. The processed csv files will be placed in *data/sam/state\_sams* and labelled as [State]\_[year].csv; this folder should be created before running the script. Additionally, if there are any changes in the directory structure, the python script should be updated appropriately to prevent an error.