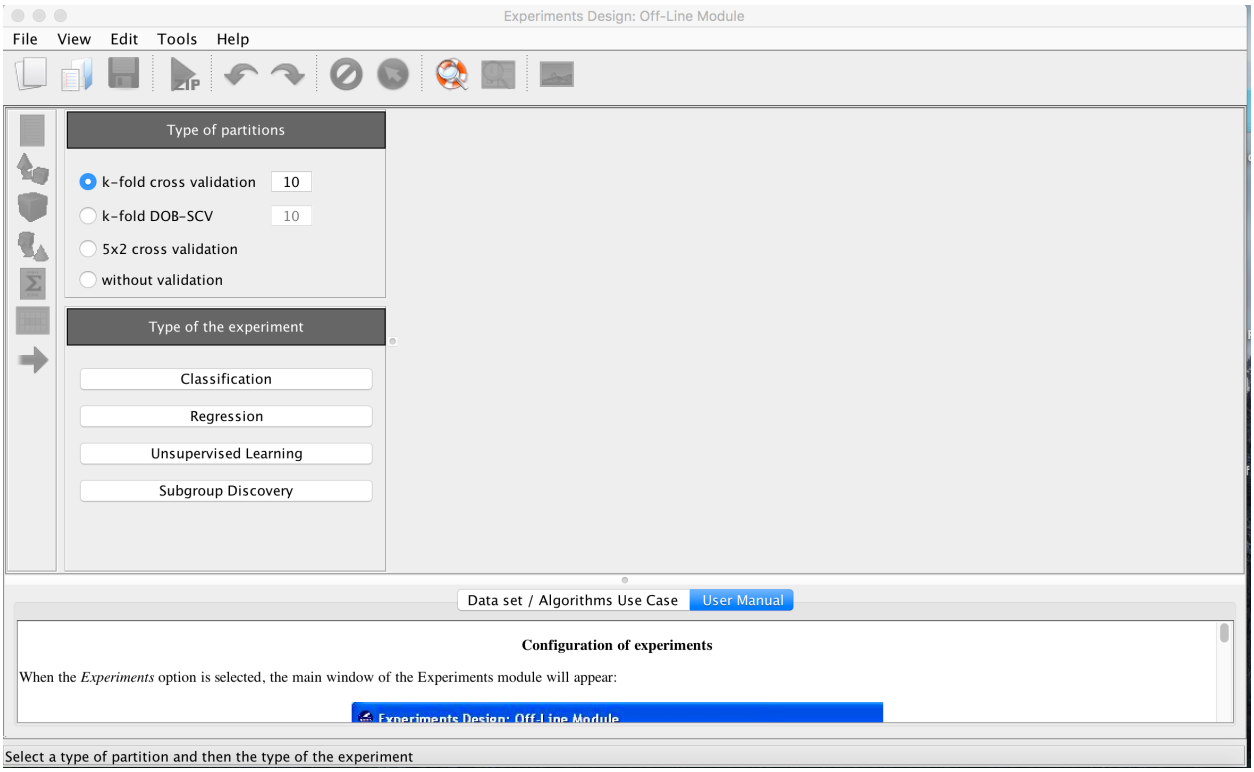
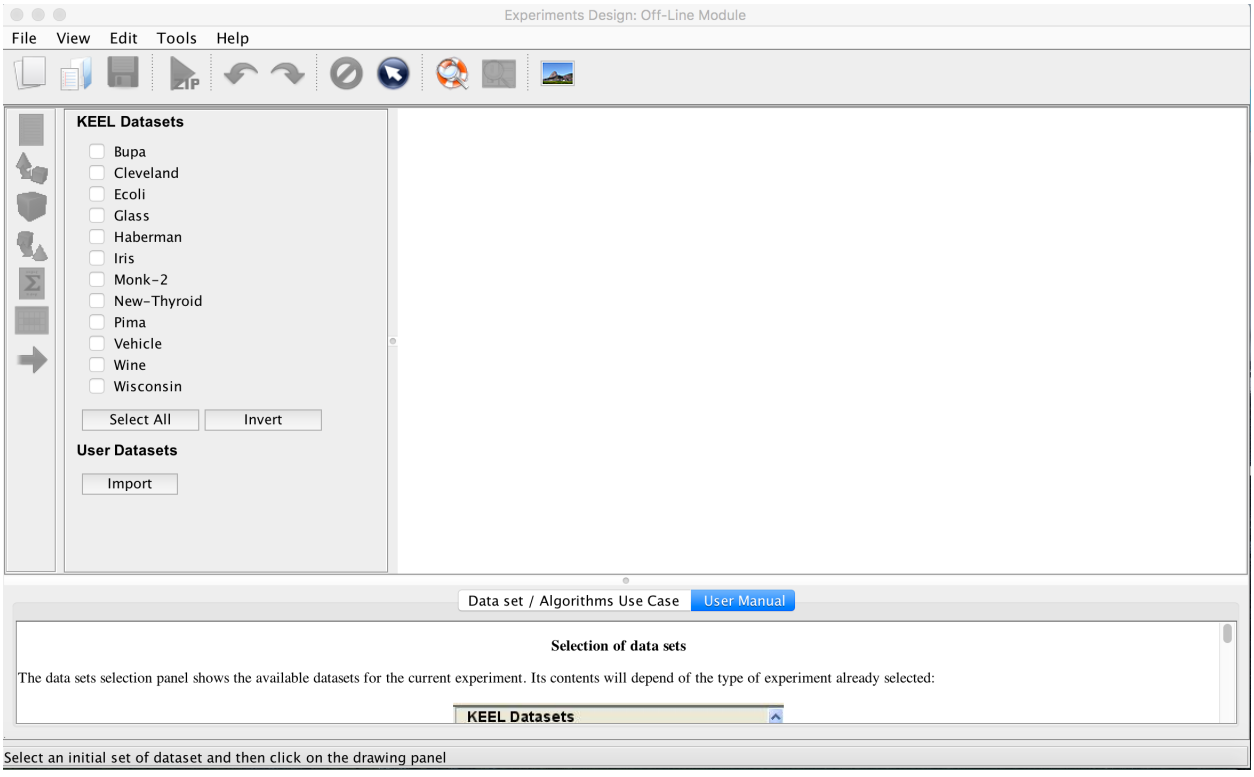
HOW TO USE KEEL

- Download KEEL from http://keel.es/
- Unzip the file and run KEEL.

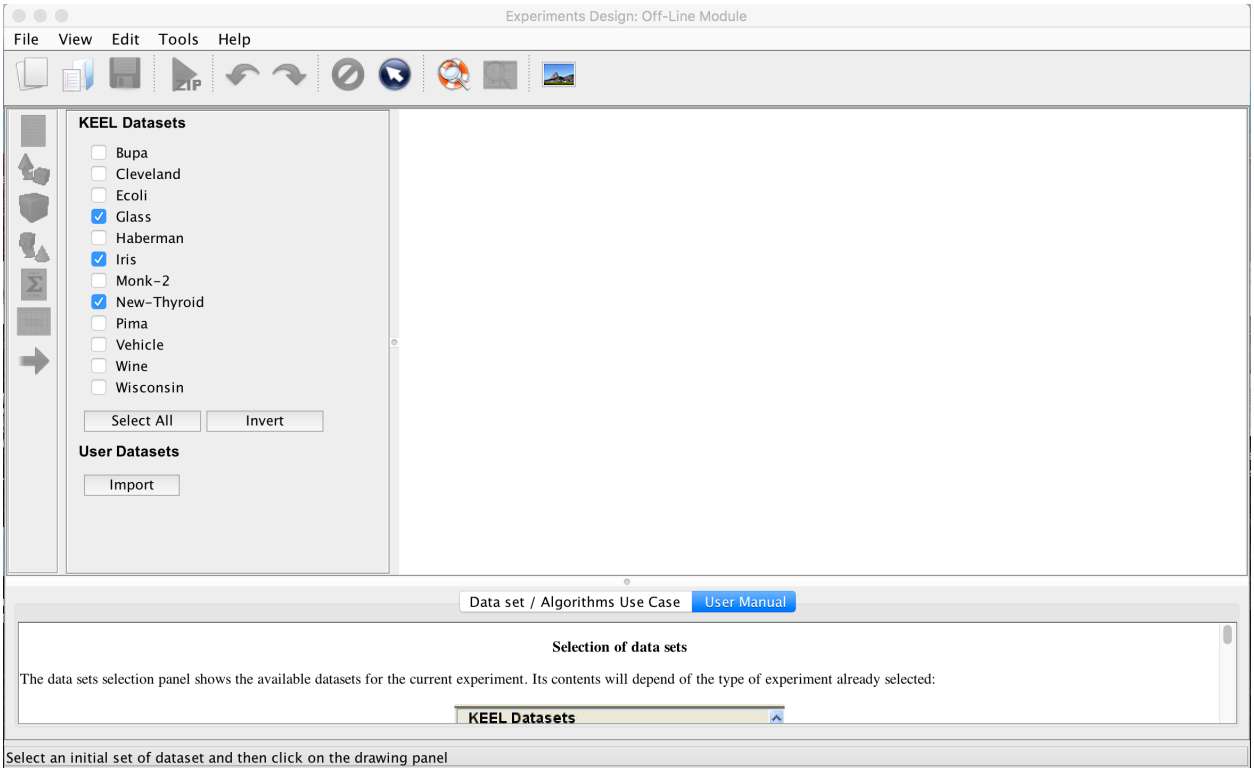
- In order to make a new experiment, click on **Experiments**.



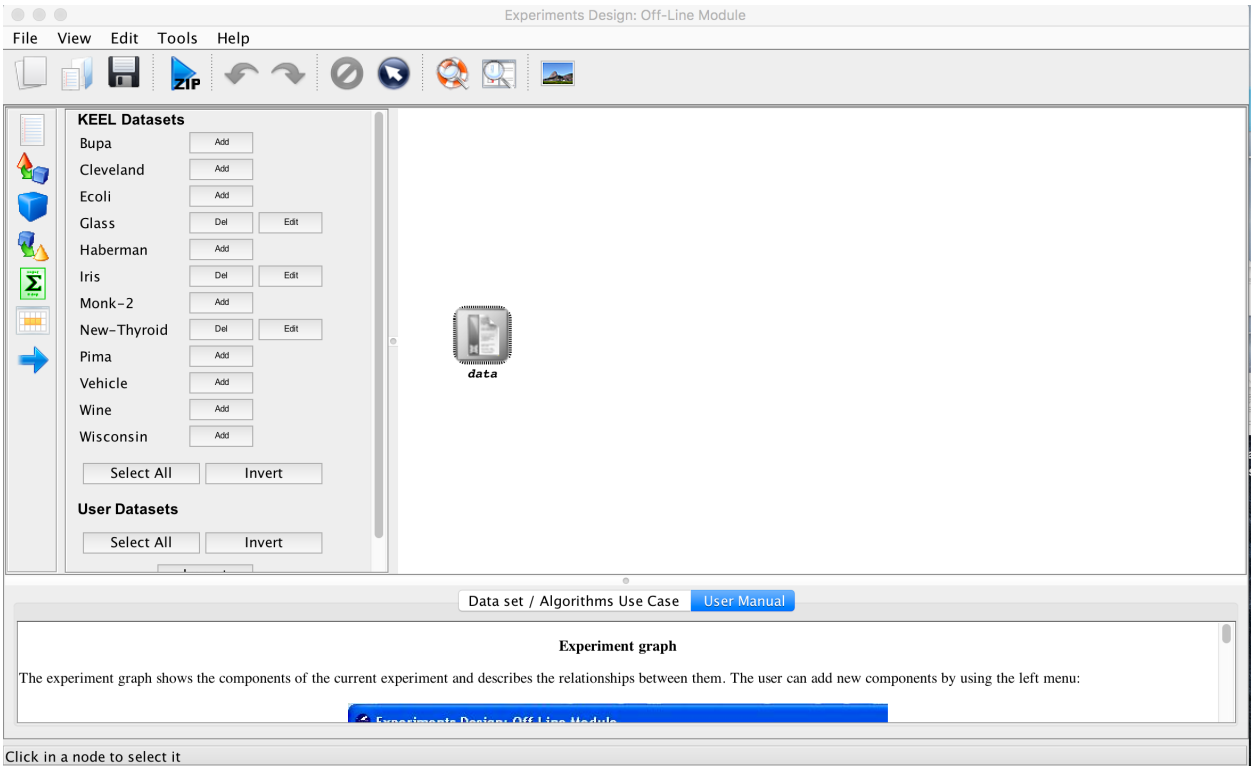
- Then click on **Classification**.



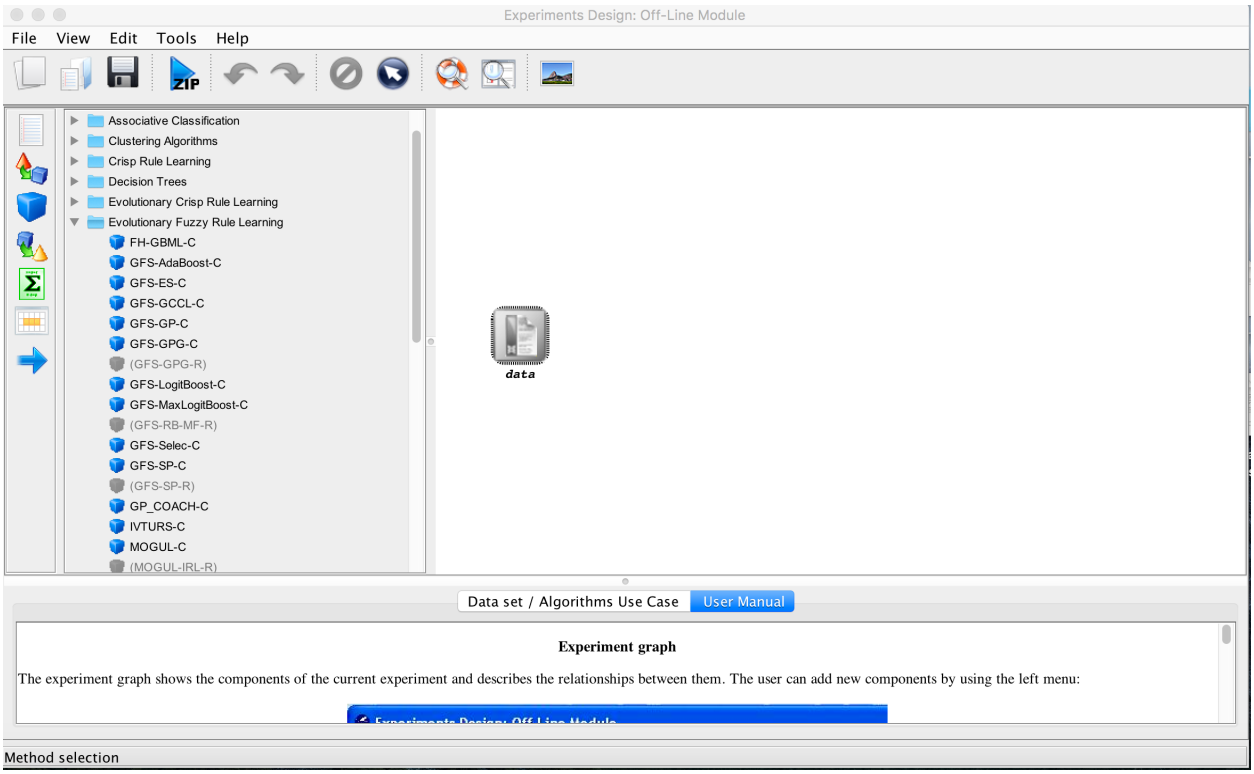
- Now, select the datasets that are going to be used in the experiment.



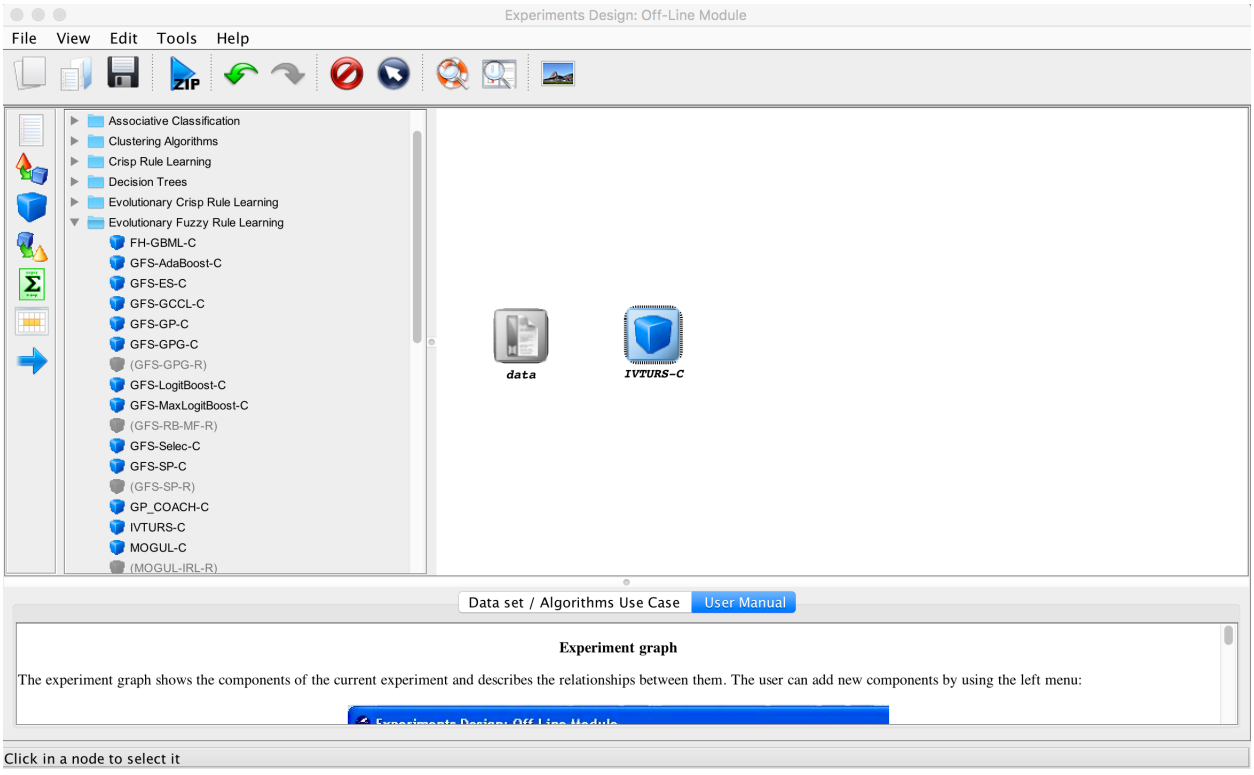
- Once you have finished the selection, place the mouse in the empty space on the right and just click on it.



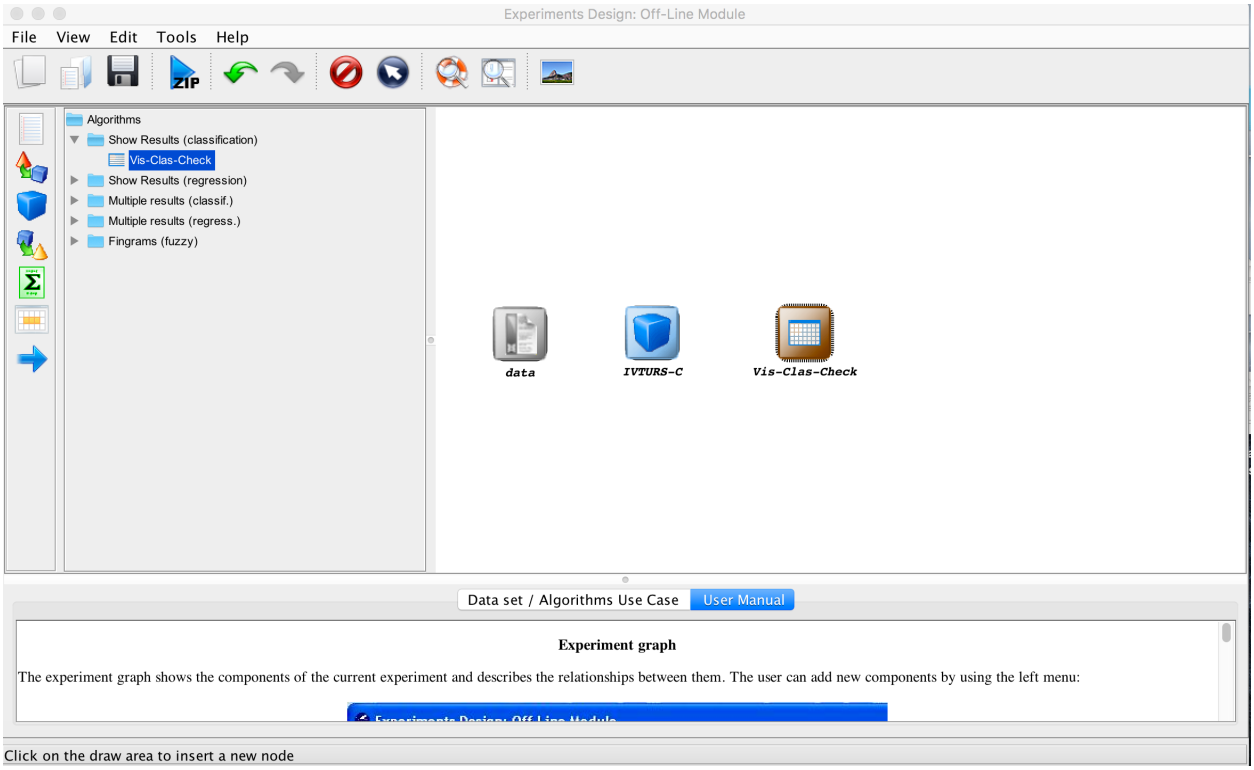
- Click on the third icon on the left list and select the algorithm you want to use for the particular experiment.



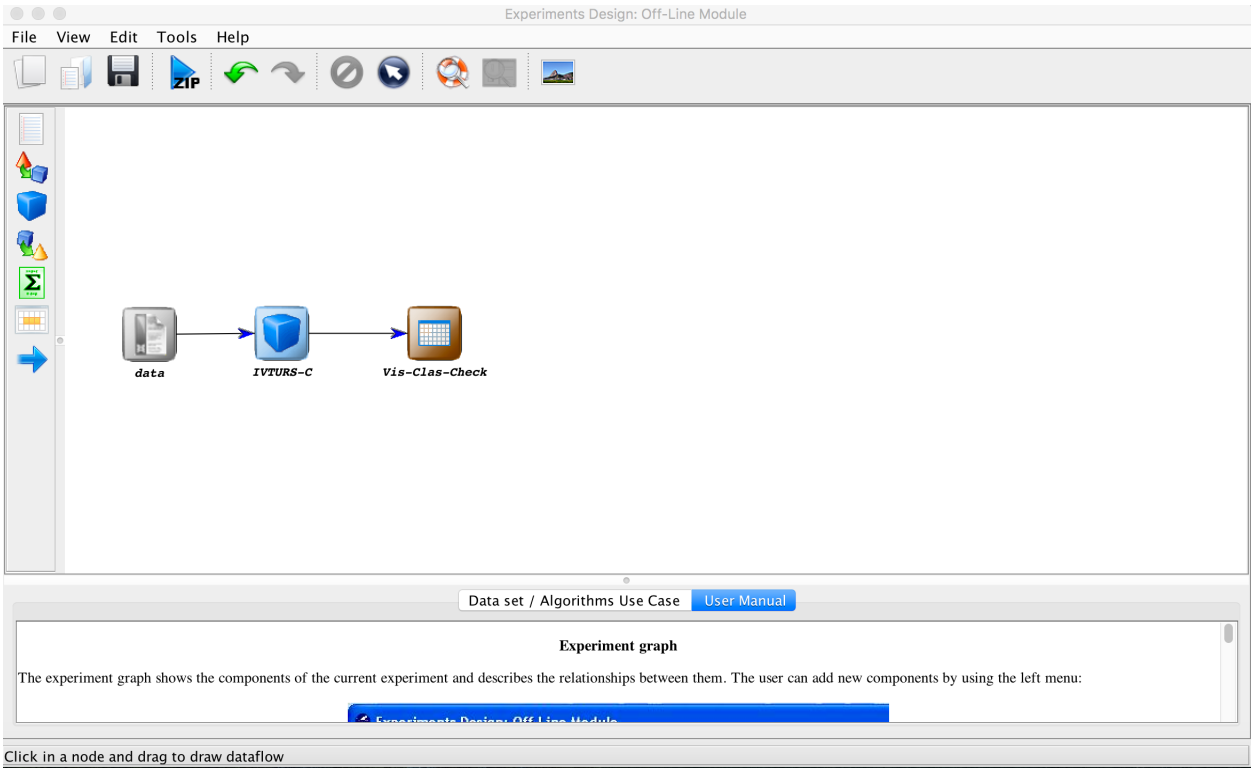
- Again, click in the space on the right.



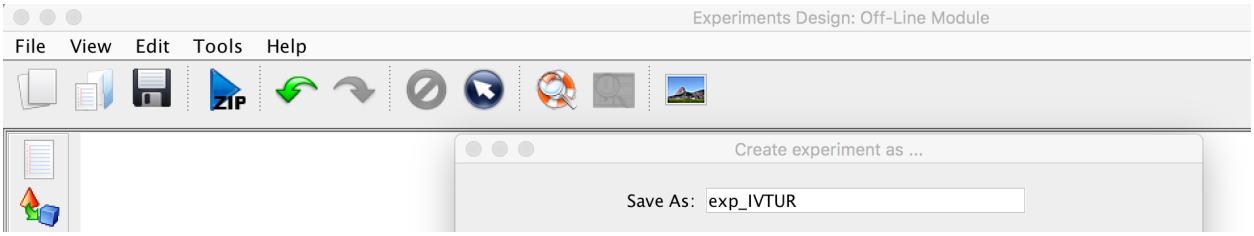
- Click on the sixth icon on the left, select **Vis-Clas-Check** and repeat the previous action.

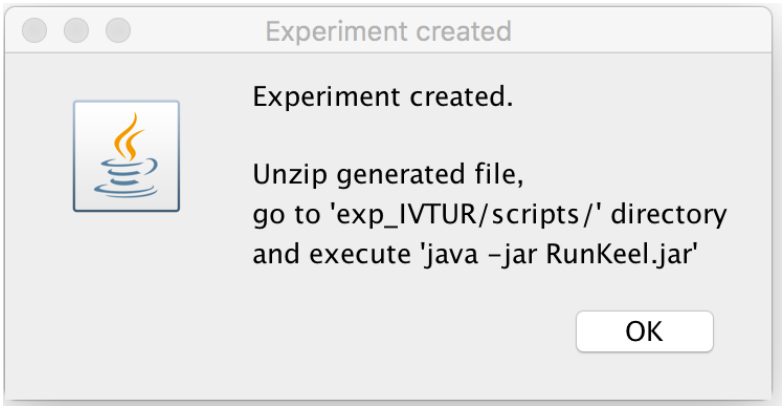


- Now, join all modules in the space on the right by clicking the last icon on the left.

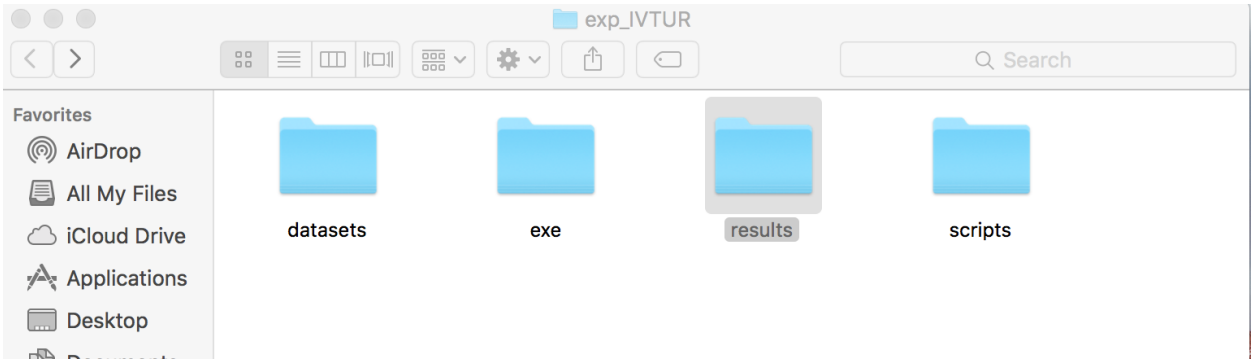


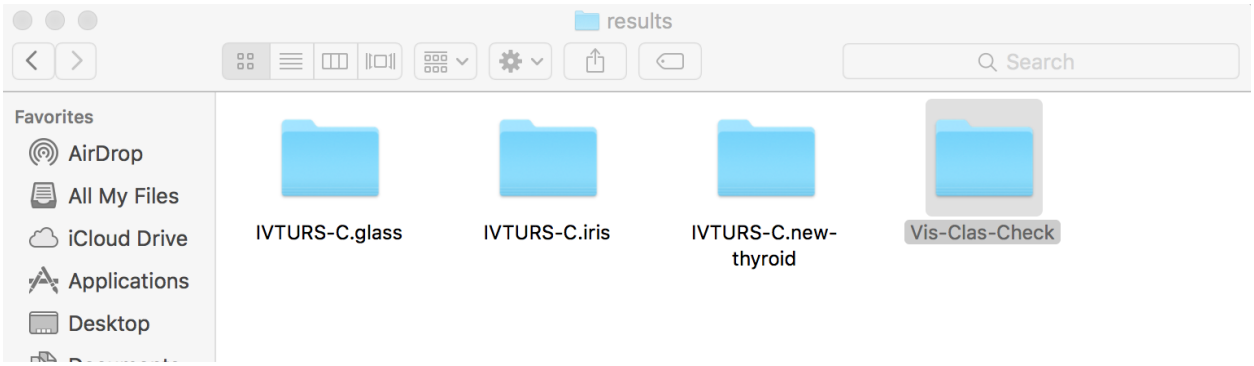
- The last step is to create the experiment. To do that, just click the icon placed in the top menu (says **ZIP**). Save the file and follow the instructions given by the message.





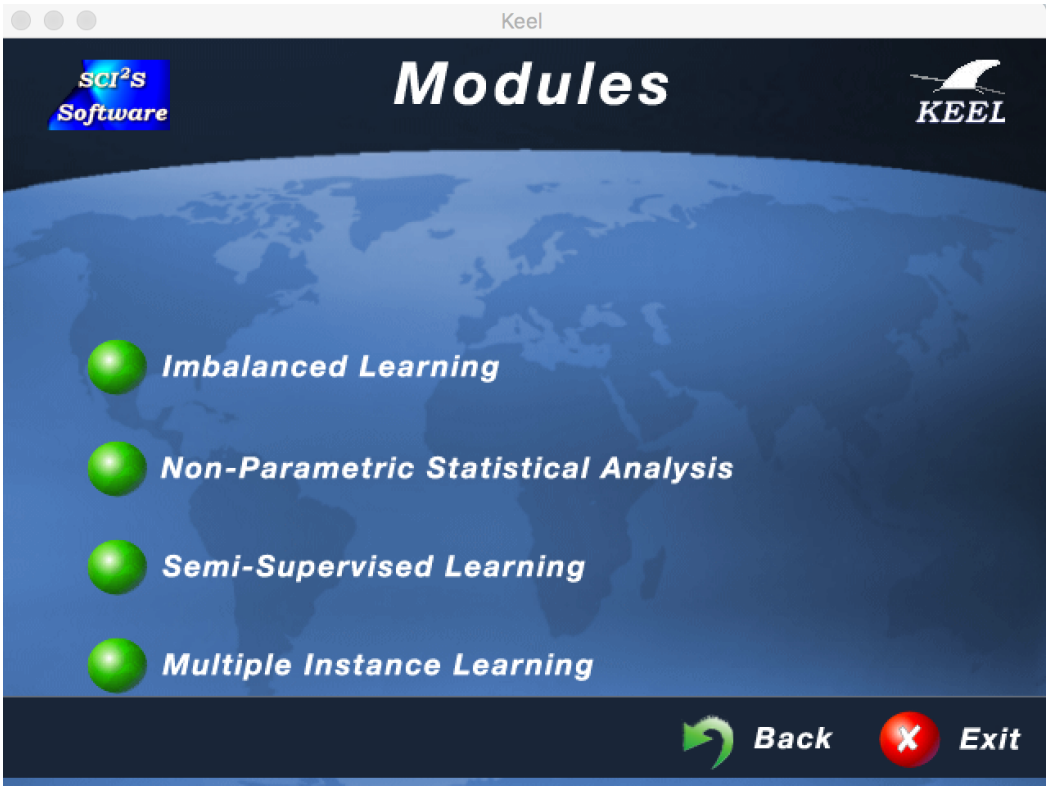
- Once the experiment has finished, the results will be stored inside folder **results→Vis-Clas-Check** (in your experiment folder).





- To proceed with the statistical analysis (first you need to collect all the results in a .csv file – one file for each parameter considered), go to the main menu and select **Modules → Non-Parametric Statistical Analysis**.

Keel
KEEL Suite 3.0
Data Management
Modules
Experiments
Educational
Help
Exit


Keel
Modules
Imbalanced Learning
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Semi-Supervised Learning
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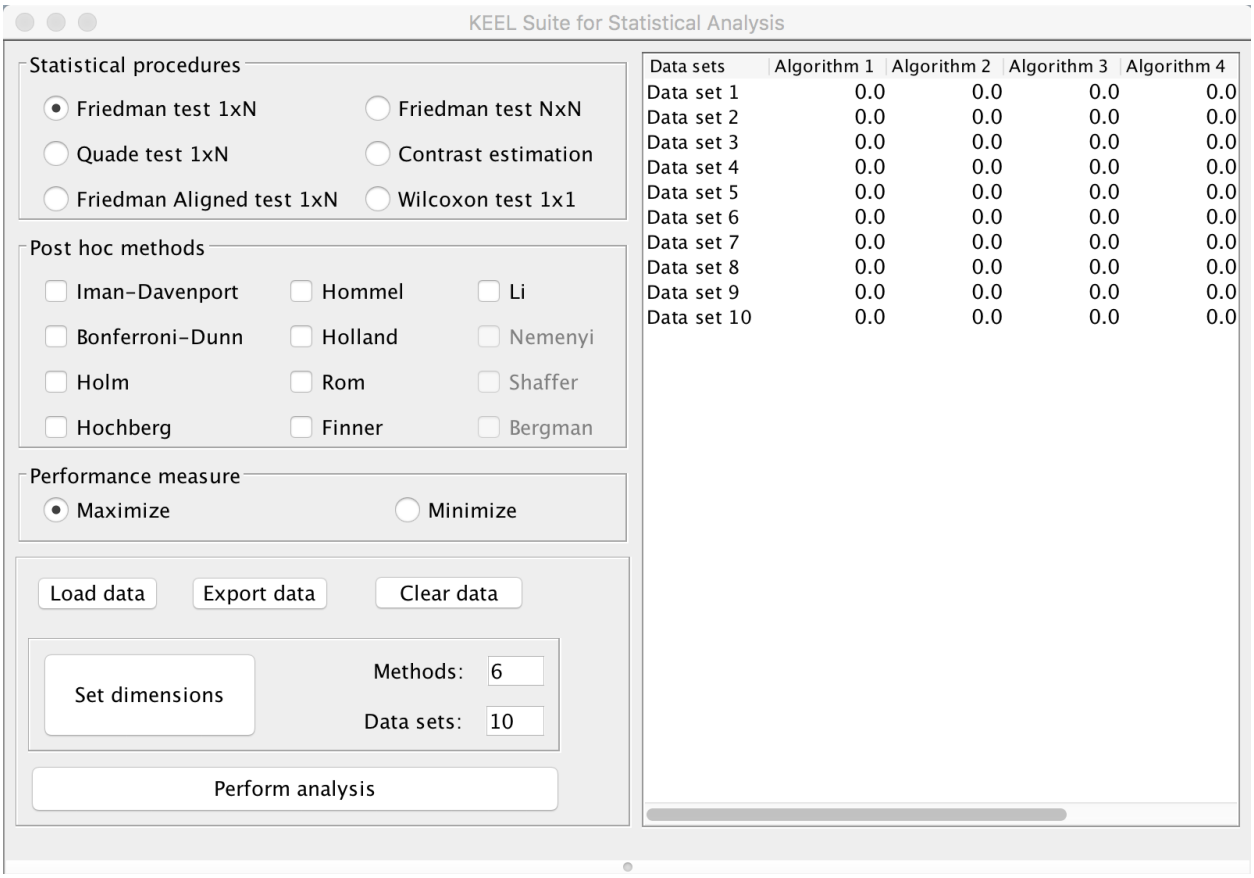
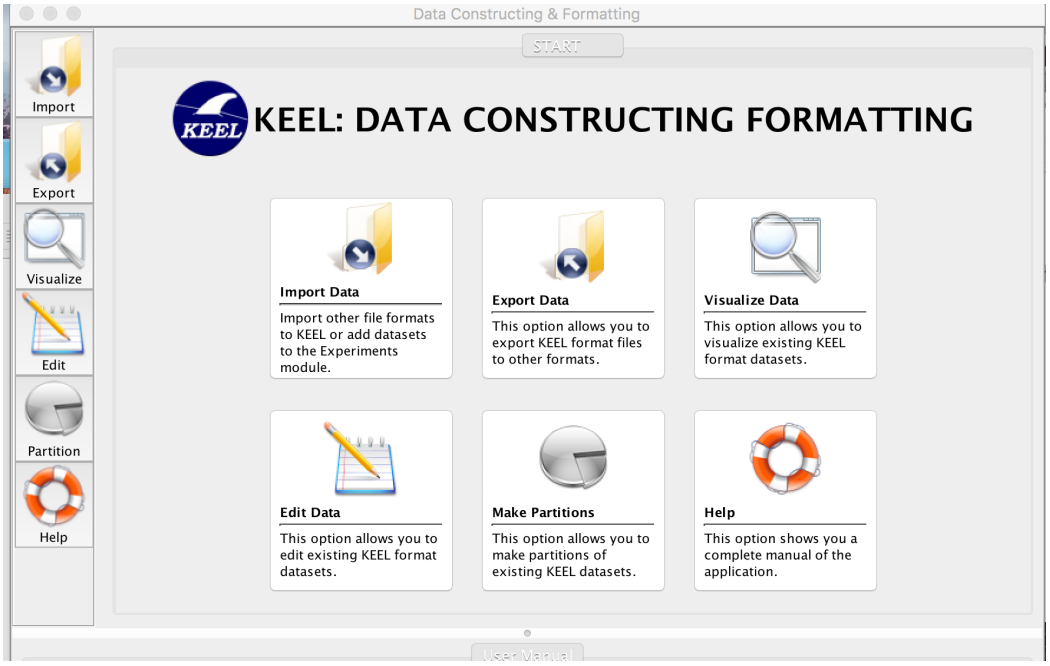
Exit

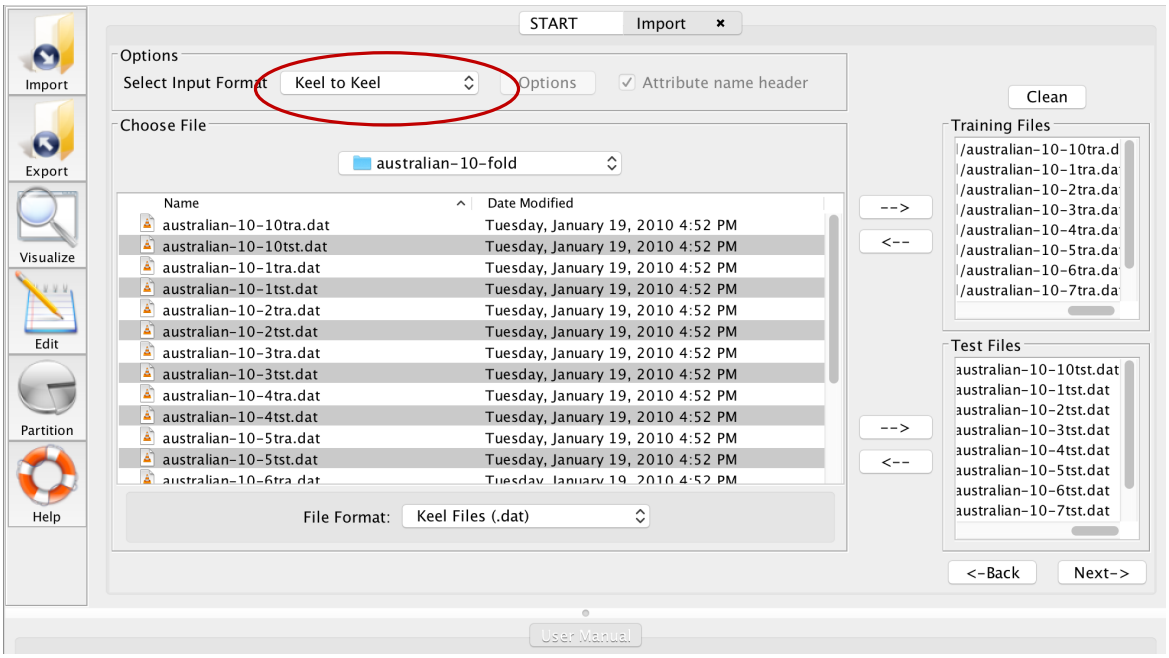


- To add new datasets to the tool, follow the sequence of steps below:
  - Go to **KEEL-dataset repository** in keel.es
  - Scroll down a little bit and click on Supervised Classification – Standard classification datasets.
  - Click on the zip icon (the one that says 10-fcv), associated with the dataset that you want to download.
  - Unzip the file.
  - Then, run KEEL and proceed as follows.

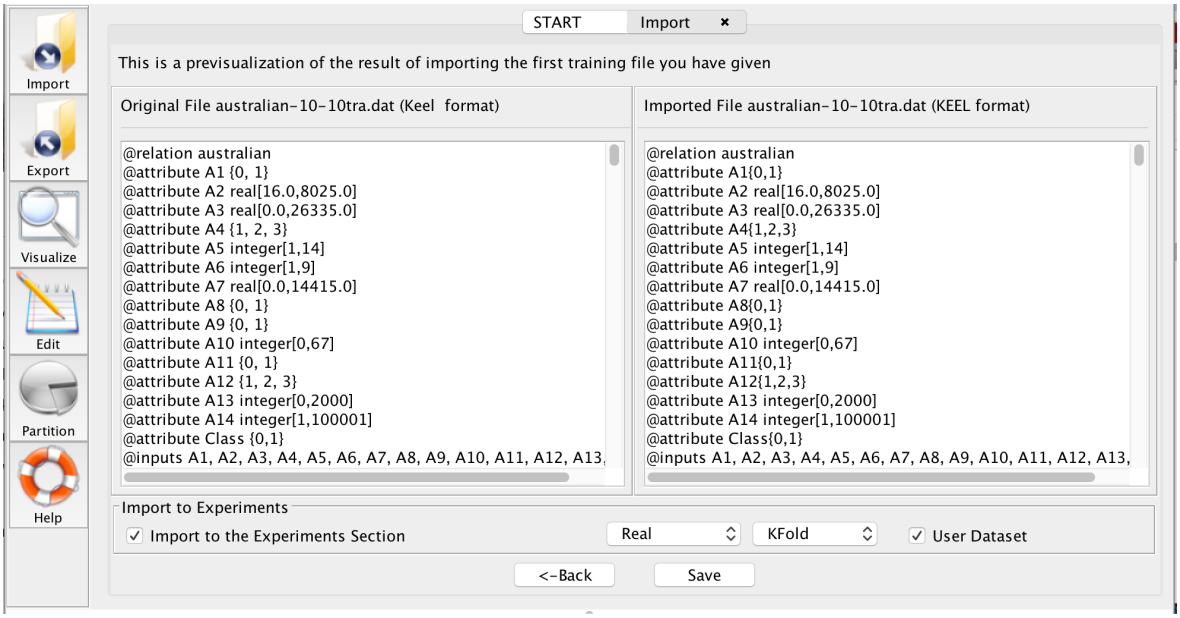
- Click on **Data Management**



- **Import Data – Import Partitions**



- Ensure that Input Format is **Keel to Keel**.
- Add the partitions to “Training Files” and “Test Files”. Then click **Next.**



- **Save**