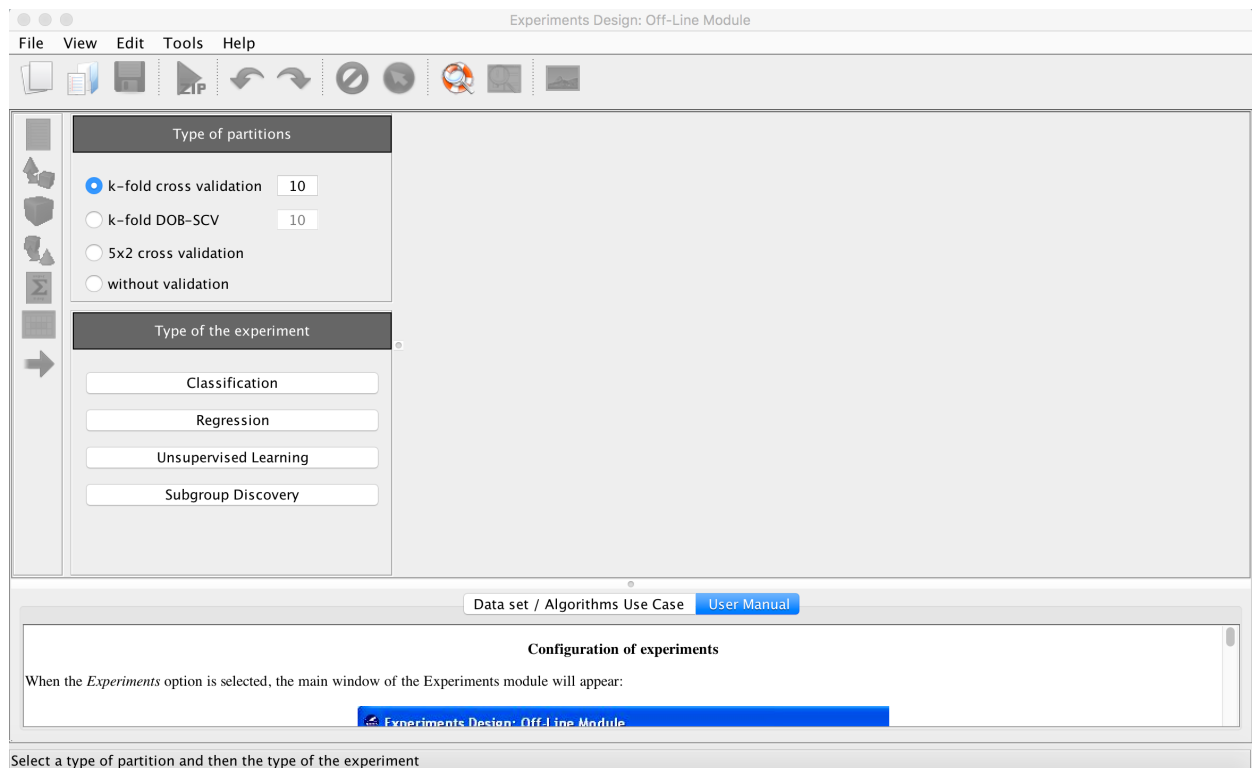


HOW TO USE KEEL

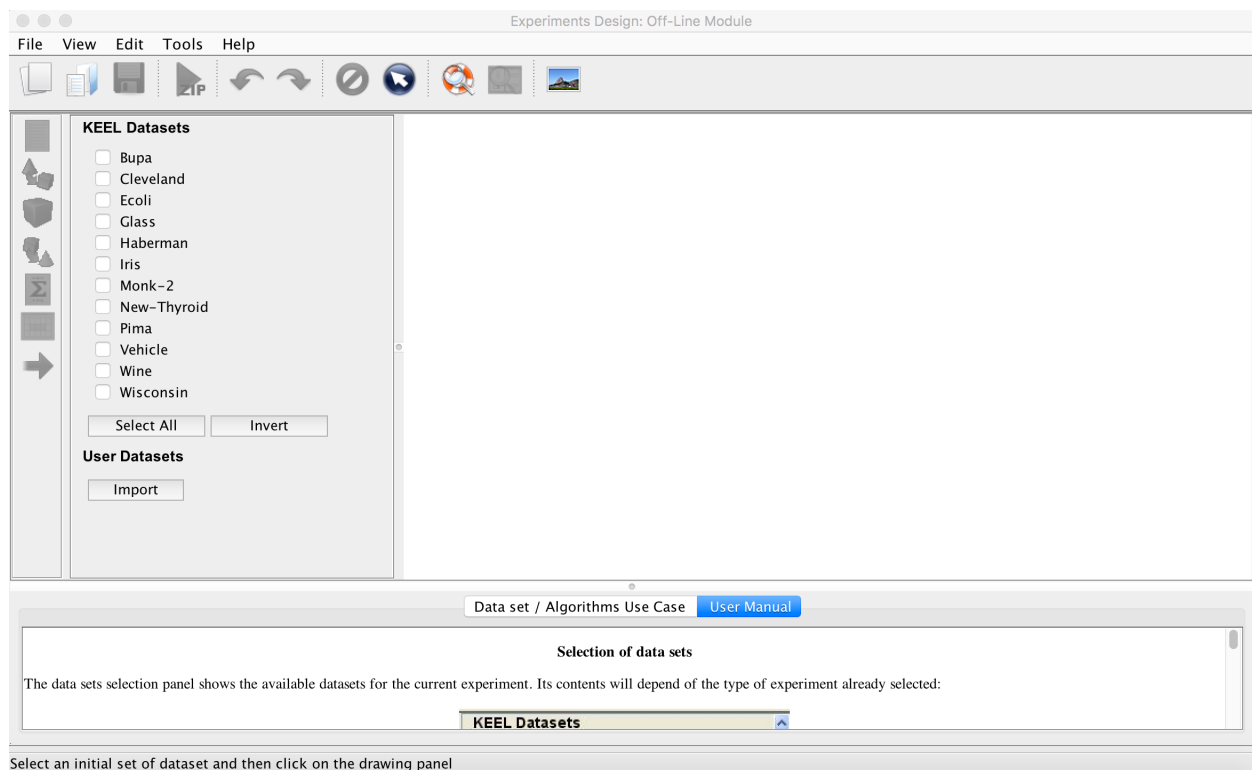
- Download KEEL from <http://keel.es/>
- Unzip the file and run KEEL.



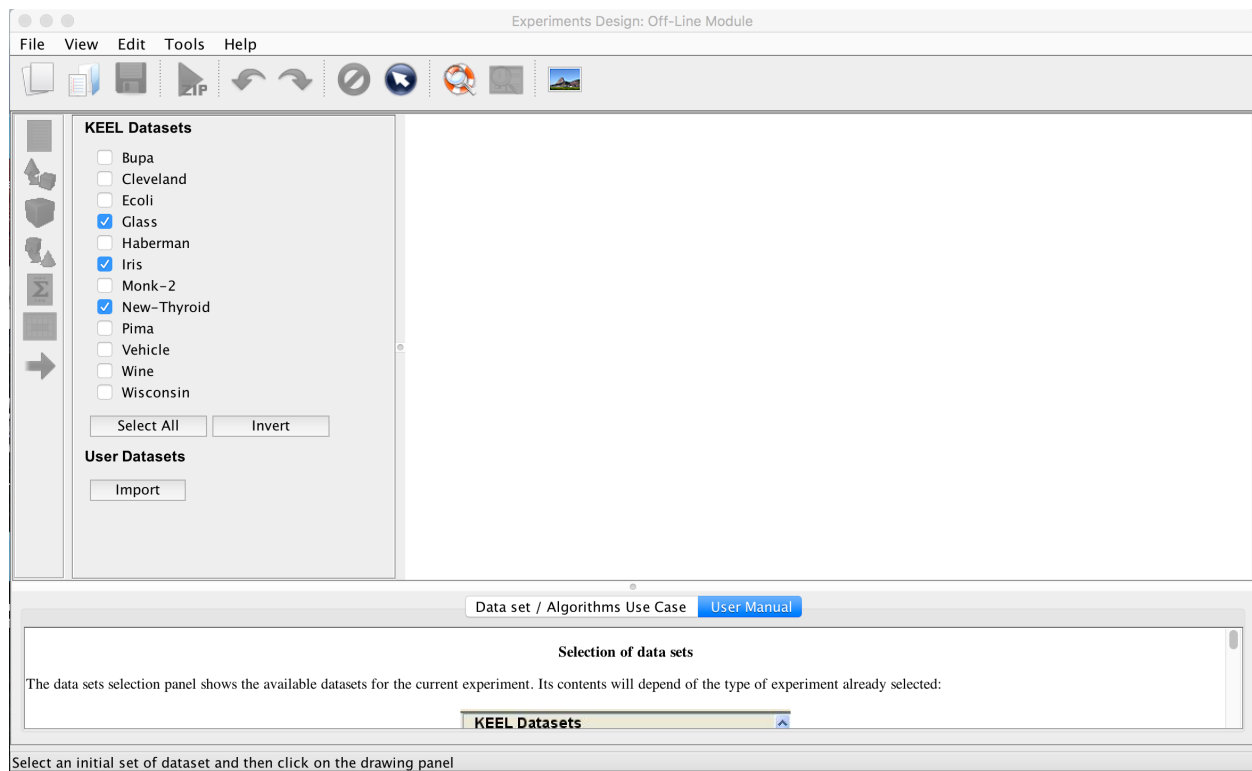
- In order to make a new experiment, click on **Experiments**.



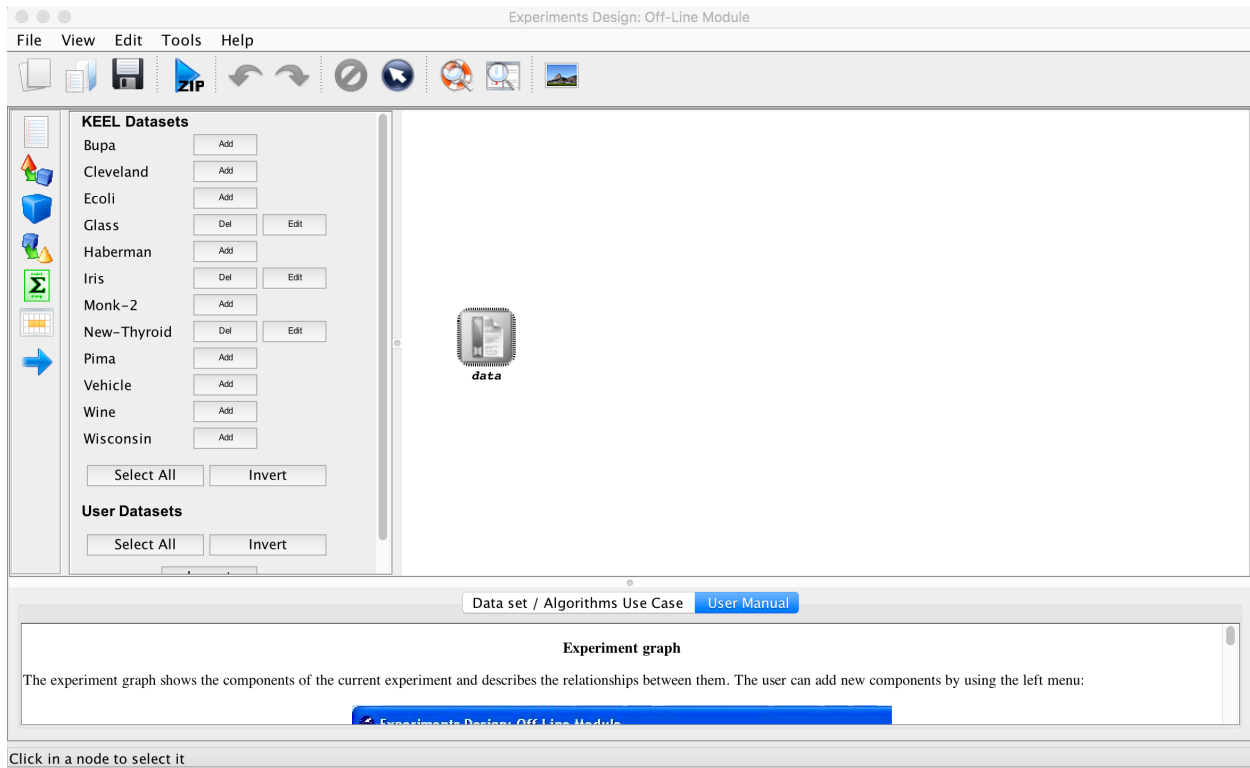
- Then click on **Classification**.



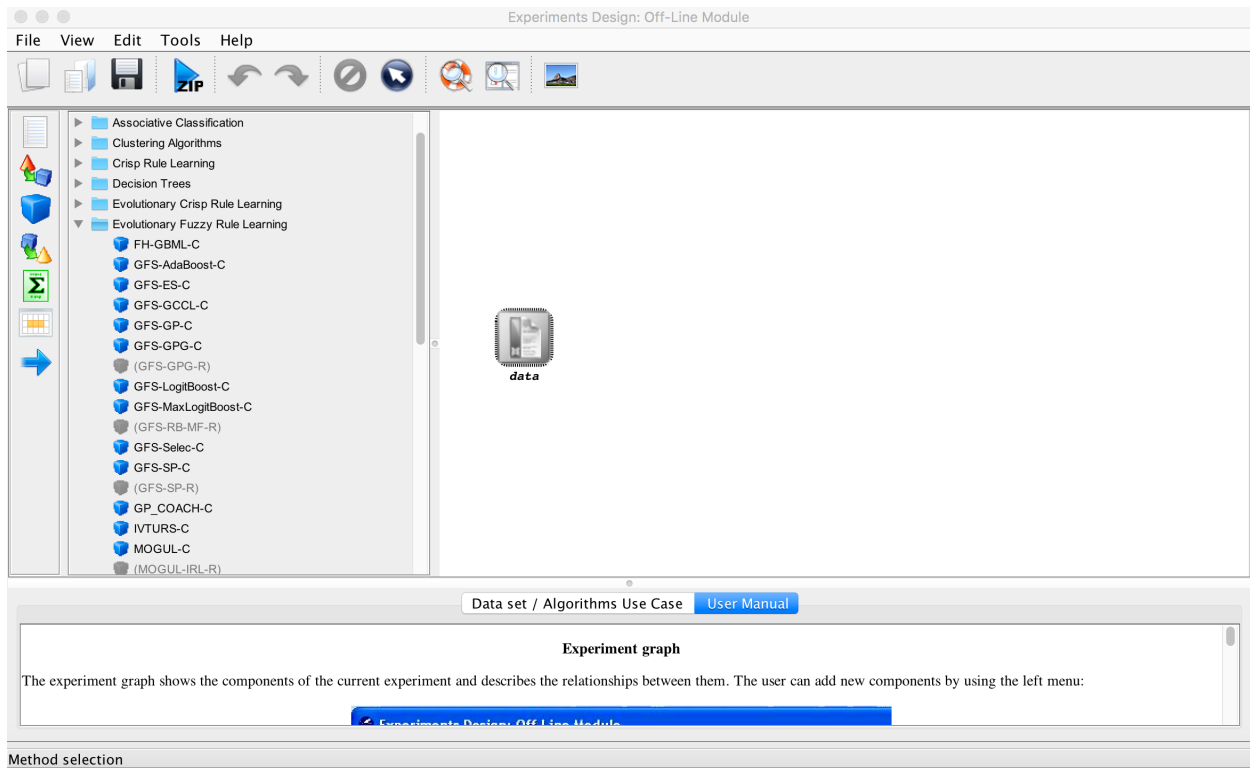
- Now, select the datasets that are going to be used in the experiment.



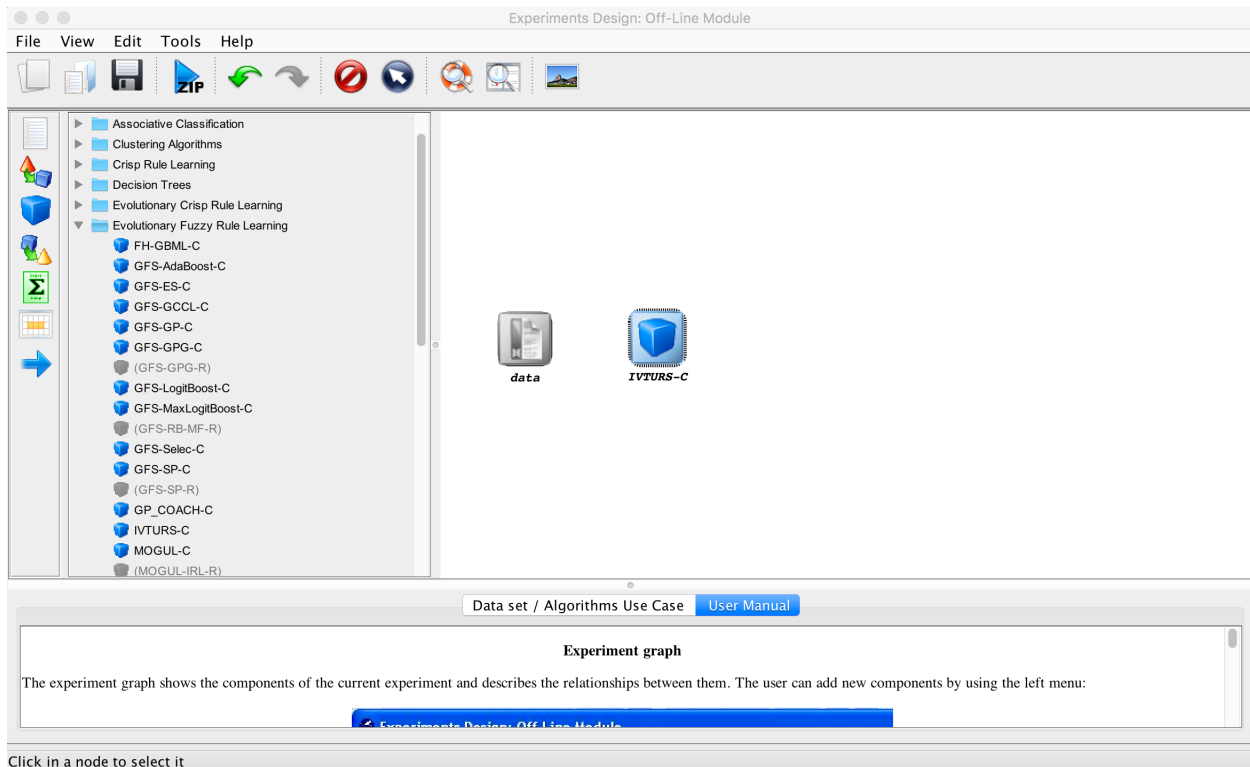
- Once you have finished the selection, place the mouse in the empty space on the right and just click on it.



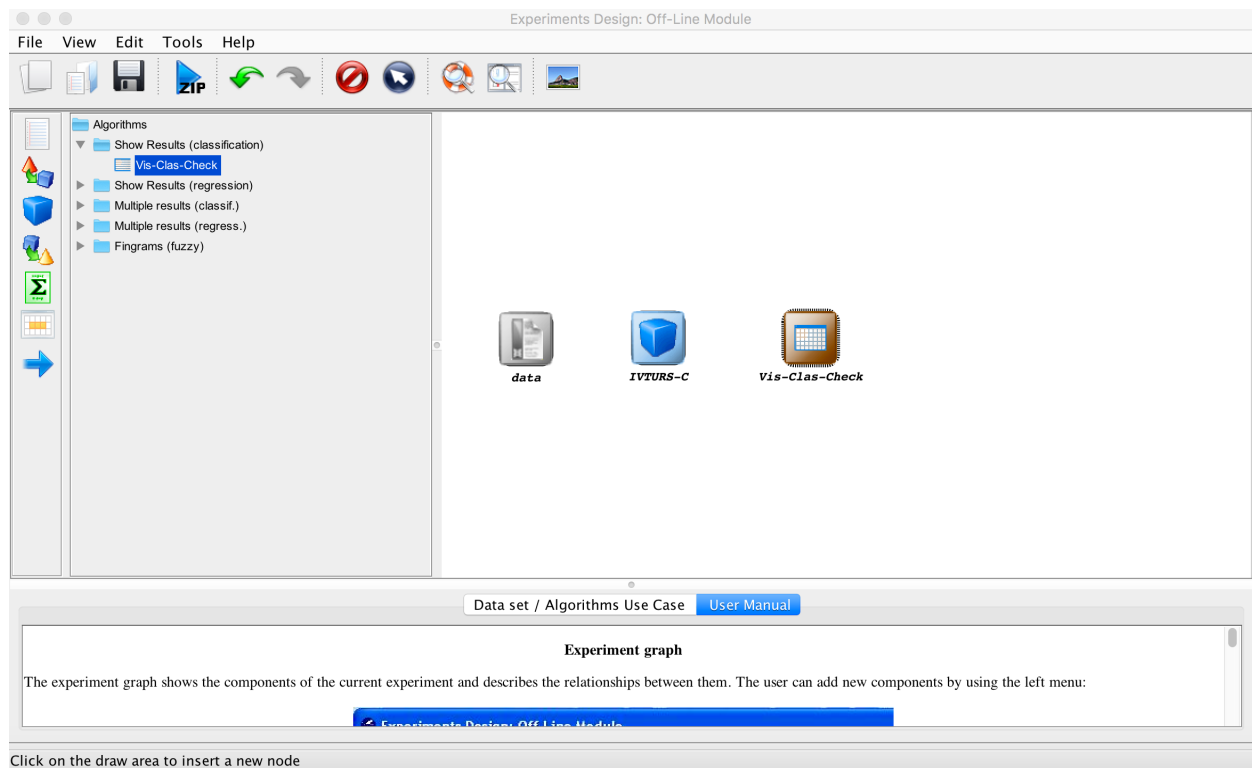
- Click on the third icon on the left list and select the algorithm you want to use for the particular experiment.



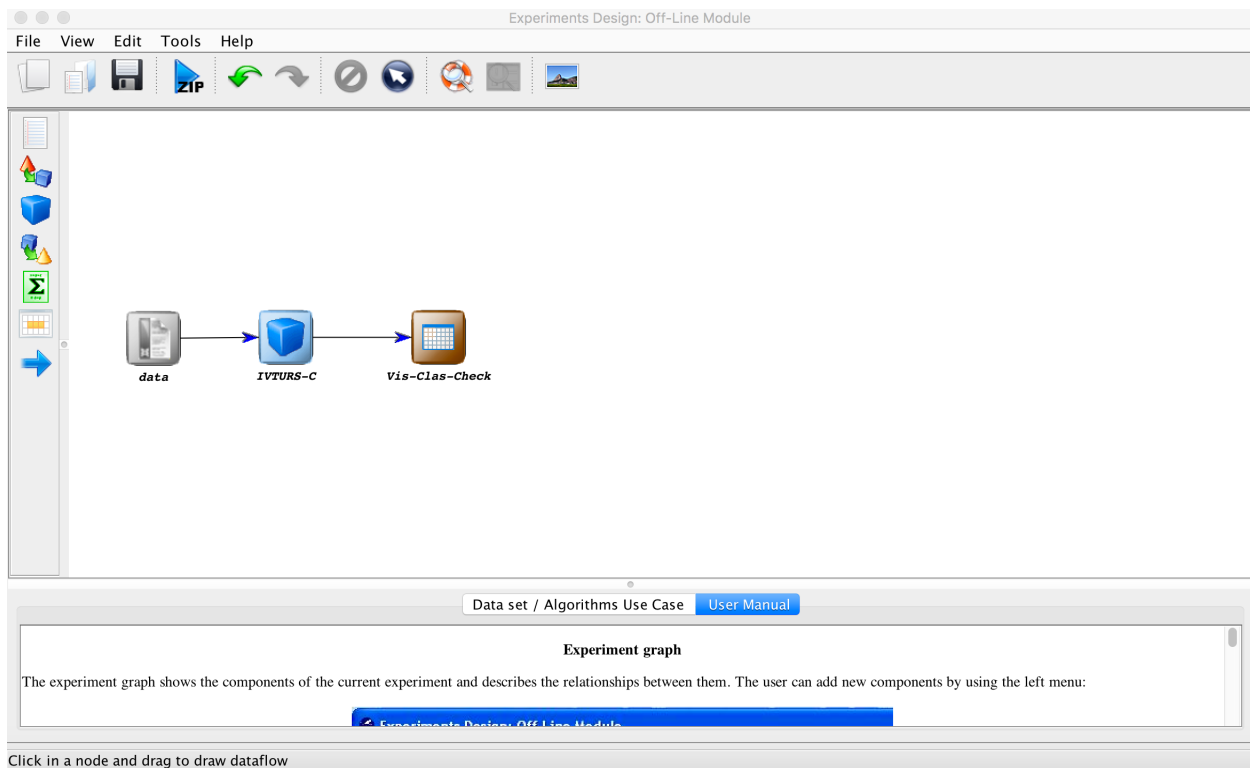
- Again, click in the space on the right.



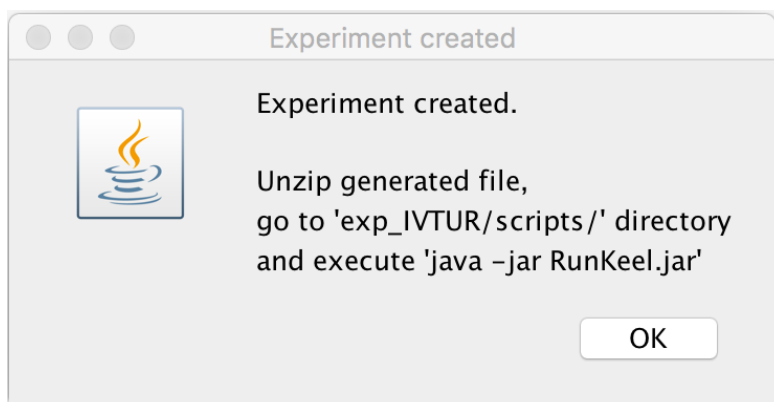
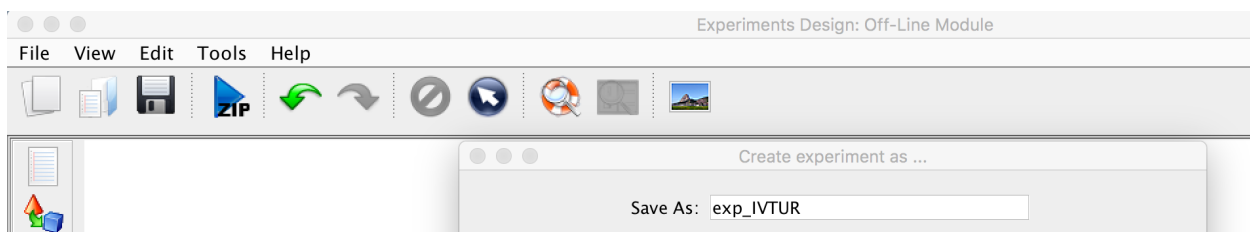
- Click on the sixth icon on the left, select **Vis-Clas-Check** and repeat the previous action.



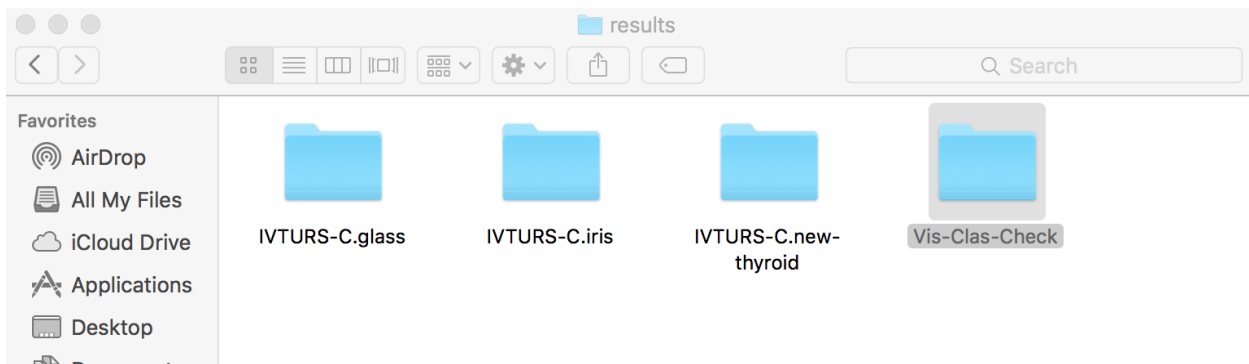
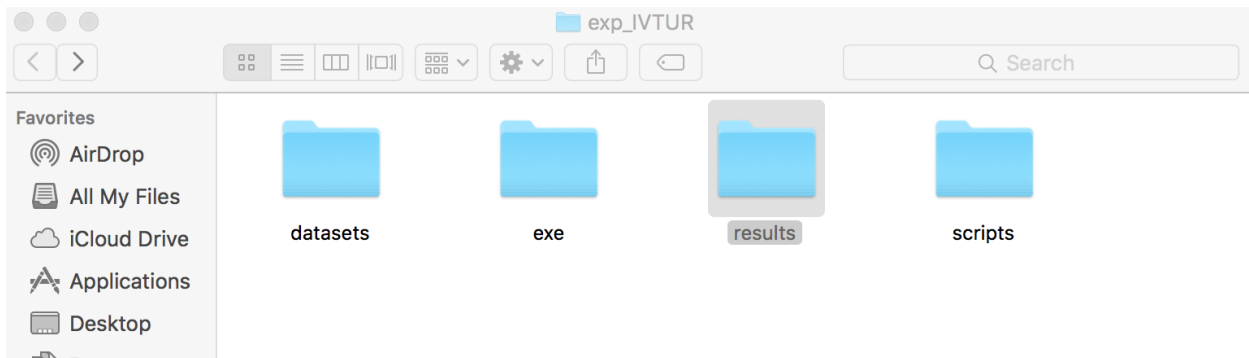
- Now, join all modules in the space on the right by clicking the last icon on the left.



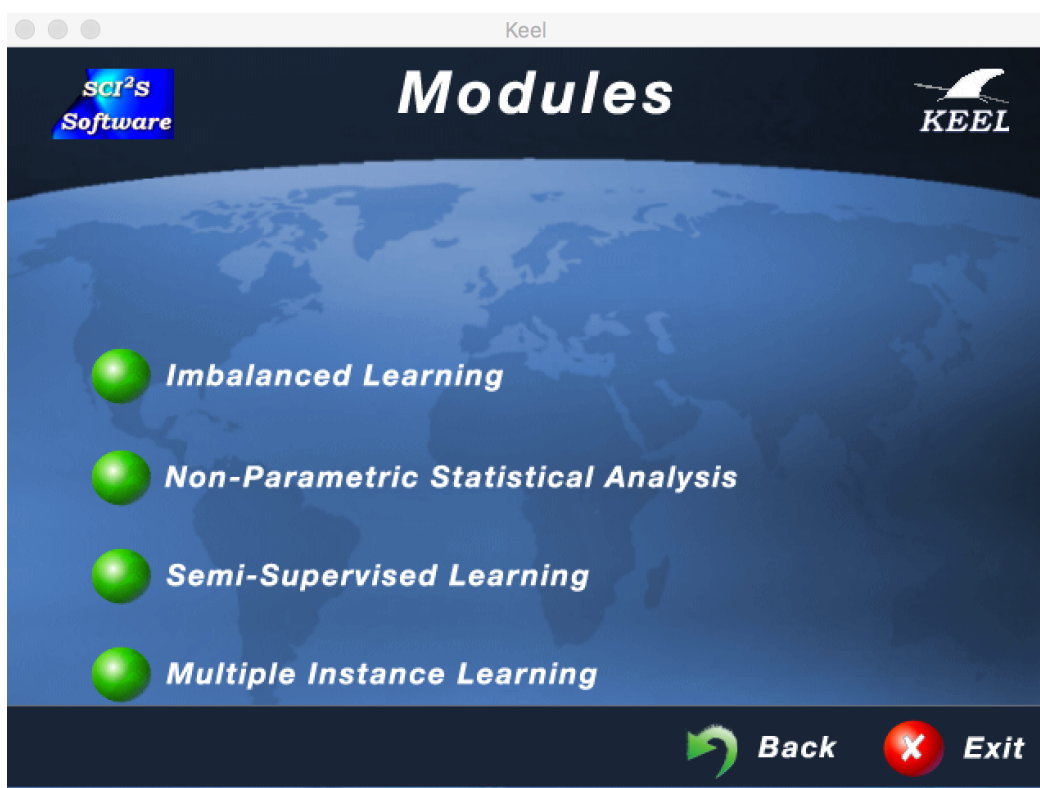
- The last step is to create the experiment. To do that, just click the icon placed in the top menu (says **ZIP**). Save the file and follow the instructions given by the message.



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



- In order to proceed with the statistical tests (first you need to collect all the results in a file – one file for each parameter that must be compared), go to the main menu and select **Modules** → **Non-Parametric Statistical Analysis**.



●●●

KEEL Suite for Statistical Analysis

Statistical procedures

☒ Friedman test 1xN

☐ Friedman test NxN

☐ Quade test 1xN

☐ Contrast estimation

☐ Friedman Aligned test 1xN

☐ Wilcoxon test 1x1

Post hoc methods

☐ Iman–Davenport

☐ Hommel

☐ Li

☐ Bonferroni–Dunn

☐ Holland

☐ Nemenyi

☐ Holm

☐ Rom

☐ Shaffer

☐ Hochberg

☐ Finner

☐ Bergman

Performance measure

☒ Maximize

☐ Minimize

Load data

Export data

Clear data

Set dimensions

Methods: 6

Data sets: 10

Perform analysis

Data sets	Algorithm 1	Algorithm 2	Algorithm 3	Algorithm 4
Data set 1	0.0	0.0	0.0	0.0
Data set 2	0.0	0.0	0.0	0.0
Data set 3	0.0	0.0	0.0	0.0
Data set 4	0.0	0.0	0.0	0.0
Data set 5	0.0	0.0	0.0	0.0
Data set 6	0.0	0.0	0.0	0.0
Data set 7	0.0	0.0	0.0	0.0
Data set 8	0.0	0.0	0.0	0.0
Data set 9	0.0	0.0	0.0	0.0
Data set 10	0.0	0.0	0.0	0.0