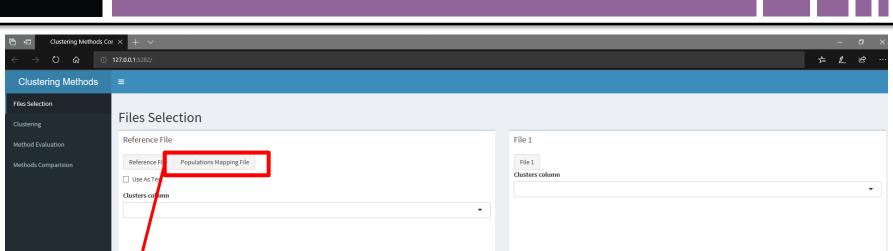


Reference File containing the populations labels



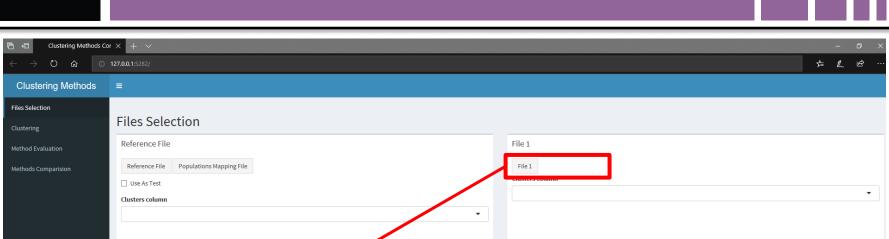


Population Mapping File (optional): 2\*N matrix giving the name of the N populations of our Input and attributing an Id to them(similar to what can be drawn from Scaffold)

2. Using the Reference file and choosing another column

3. Using the Reference file and running a clustering algorithm within the app.





File 1: Contains the labels generating by a clustering method (only 1 column necessary)

1. Selecting a file with the same event as the **Reference** to which the clusters labels from a clustering method were added.

nce file and running a clustering algorithm within the app.

File is a csv file containing the Ids attributed to each population (e.g NKt--> 1). It can be obtained from Scaffold.

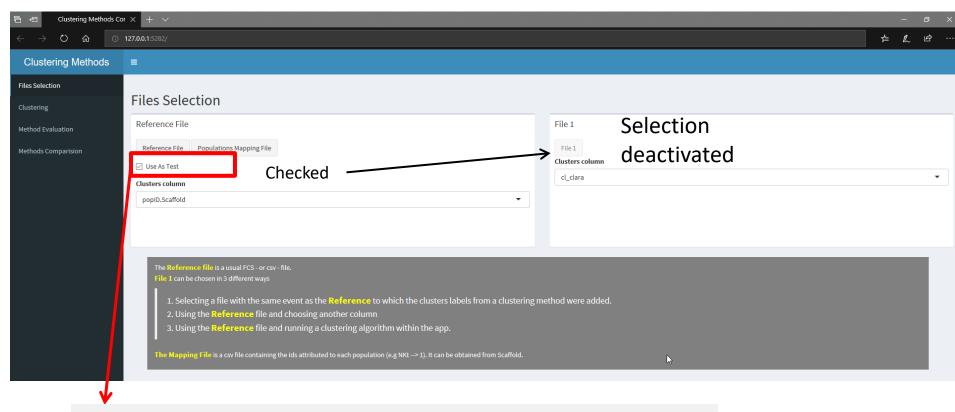
2. Using the Reference Fie and choosing another column

3. Using the Refer



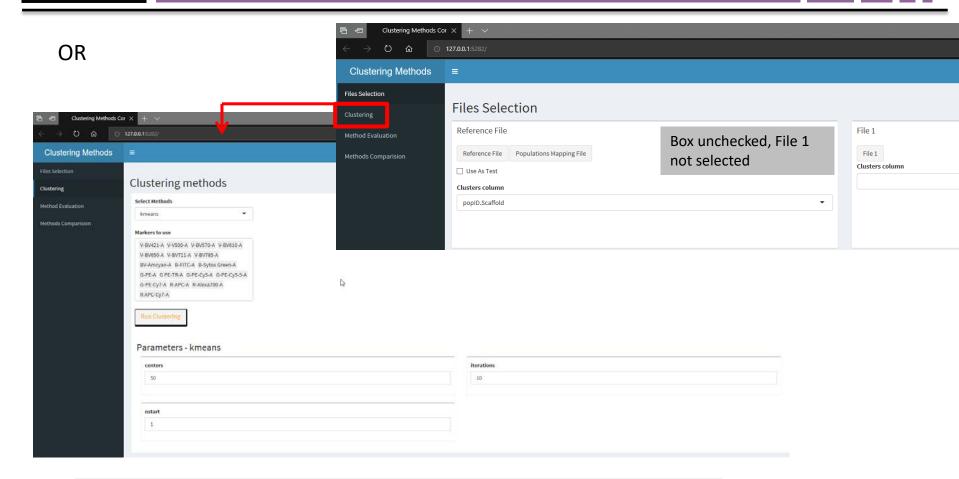


#### OR



If the reference file also contains the results from a clustering method, it can be used

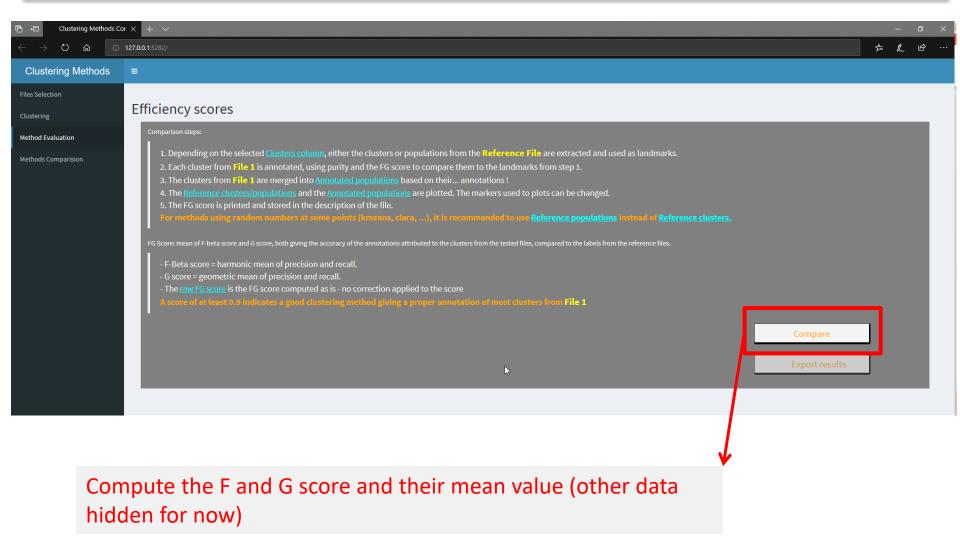




Running a fast clustering method on the reference File and using the result as the tested Output

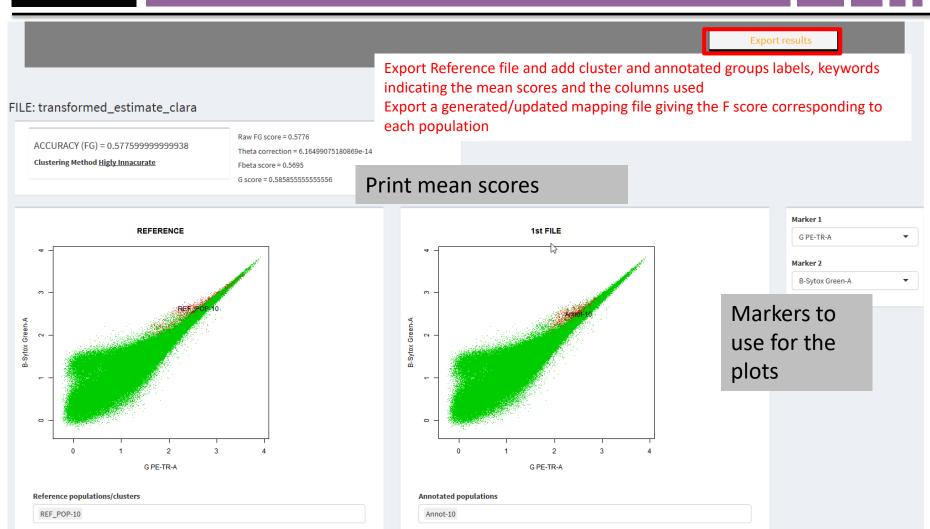


### **Evaluating The Methods**





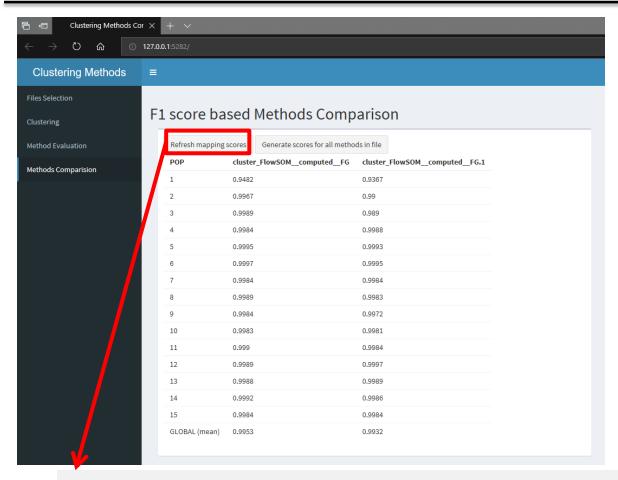
## **Evaluating The Methods**



Choose Input populations and Output annotated groups to highlight (in red)



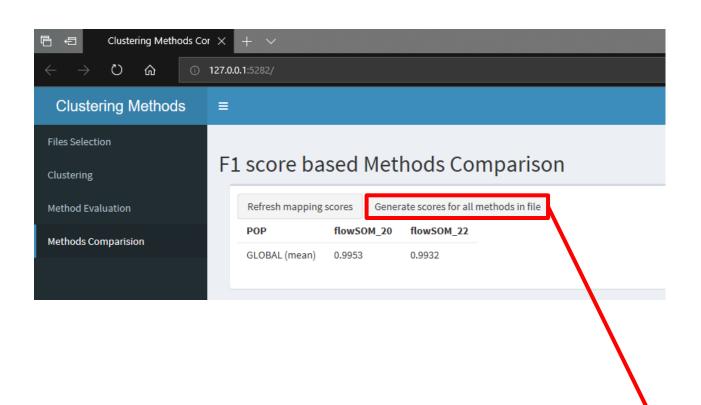
# Printing information tables



Print the F score for each population and each method using the mapping file



## Printing information tables



Print the mean F score for each method using the keywords stored in the Reference file