# **User guide**

## Metadata file

Metadata are grouped in a unique file. This file is a table file (at this moment only excel file) and requires a certain amount of mandatory information and other optional arguments that allows the correct execution of some analysis part.

The first row is used to specify the metadata labels, each following row is dedicated for the information related to a patient.

Mandatory:

* “Patient”: patient ID (string)
* “Group”: patient group (string)
* “Start”: date of the beginning of follow-up
* “End”: date of the end of follow-up (event or completed the entire follow-up period)
* “Event”: indication (0 or 1) if the event happens (healing, progression of disease, death, …)

Optional:

* “Expected”: expected duration (in days) until the event happens. Generally, this expectation is based on historical cohorts or previous clinical trials realized with the treatment

## Data file

For each patient, an excel file named according to the patient id (“Patient” in metadata). This file is composed of sheets named according to the parameter.

Then, for each sheet:

* “Time”: time (in days) between the acquisition and the beginning of the follow-up (“Start” in metadata)
* “Study”: date of the acquisition
* “Session”: visit label (example: ‘D4’ or ‘M10’ for visits at ‘4 days’ and ‘10 months’)
* “VOI”: name of the volume (or region) of interest
* “Value” or “Mean”: “Mean” is preferred to “Value” if it describes a distribution of value
* “Min”, “Max”, “Median”, “Std”, …: can be added to better describe the distribution of values in the volume of interest

An example is given in the following:

