Pivot table

User's manual

Table of contents

Foreword

This manual describes the operation of the PivotTable Module in LabBook.

How the module works

To use the module, the user must first select a dataset. Once the dataset is selected, the user has variables to do the analyses.

The current version offers 4 datasets corresponding to the structure of the LabBook database. In order, we have: patient, file, analysis, result.

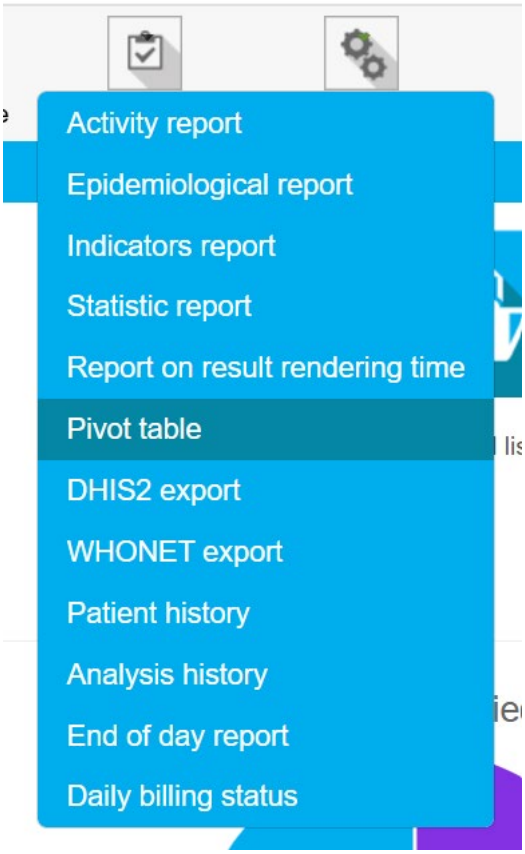
The "patient" dataset contains only variables concerning the patient. The "file" dataset contains variables concerning the patient and the file. Moreover, when we are on the "file" dataset, the same "patient" record can be found on several lines (a patient can have several files).

The table in Appendix 1 describes the variables available for each dataset.

Interfaces

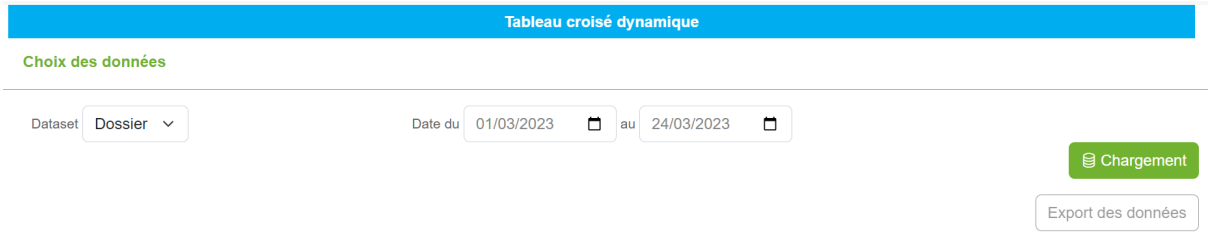
Access

The module is accessible via the menu "Reports" > "Pivot table" :

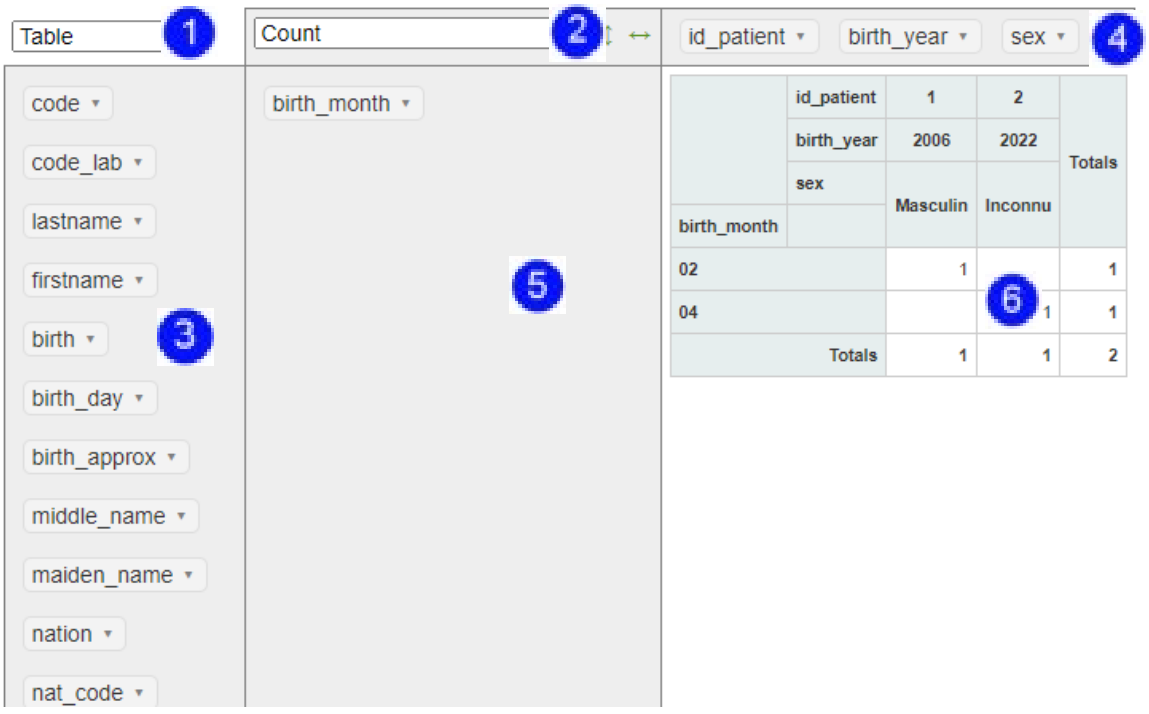


Filter

The filter allows you to select the data that will be used by the module. In addition to the choice of dataset, the current version also allows to filter by file date.



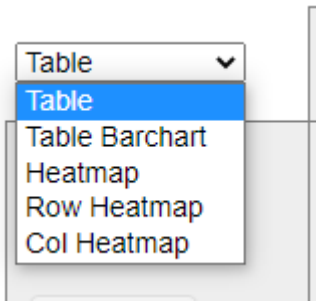
Main interface



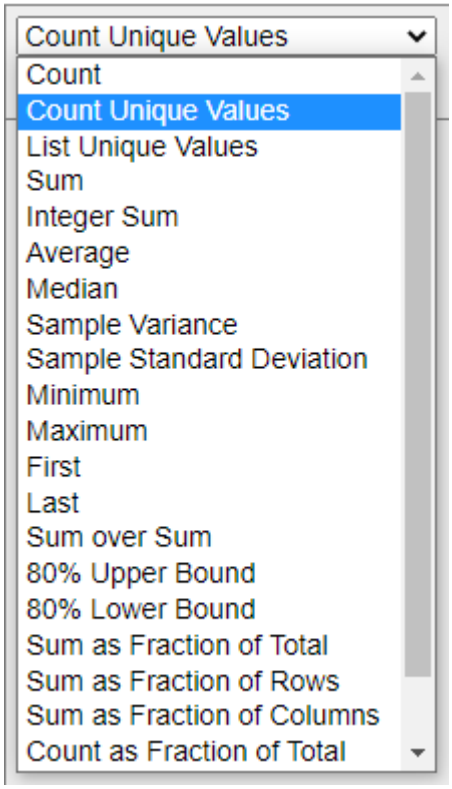
The image below shows the display type of the main interface.

1 Choice of rendering

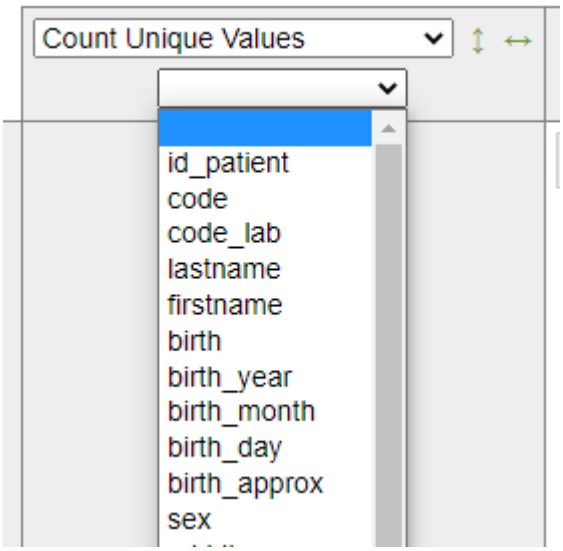
This element allows you to choose the rendering of the result (table, graph, ...)



2 Choice of aggregator



Depending on the aggregator selected, one or more lists of variable choices may appear below the aggregator choice.



To the right of the aggregator choice (in the same frame), two small green arrows allow you to sort the result.

3 List of variables

The available variables are placed in this frame (gray background) when the main interface is first loaded. Each variable can be moved with the mouse between this frame and the axes 4 and 5 .

4 Horizontal axis and 5 vertical axis

These two frames can each receive one or more variables that will be represented horizontally or vertically in the result.

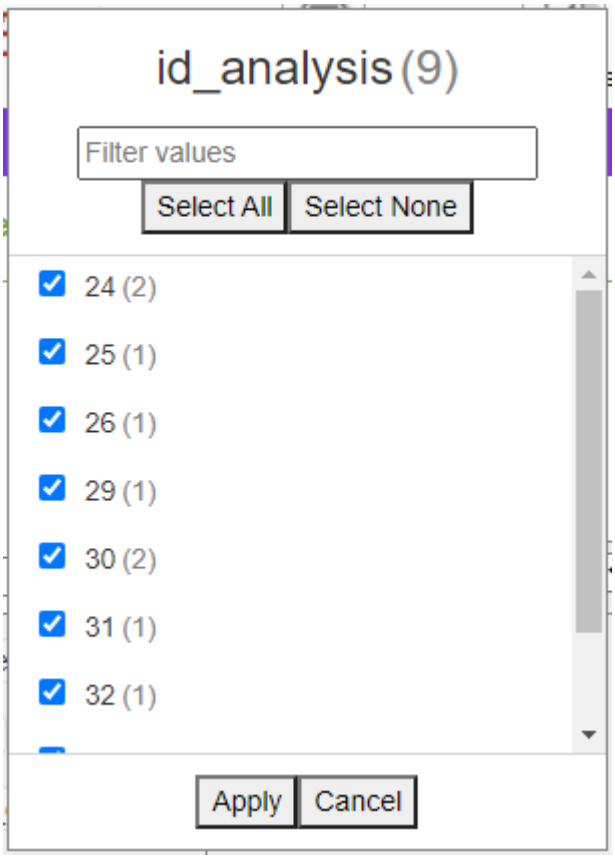
6 Result

The result of the analysis is displayed in this area.

Variable

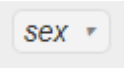
On a variable, you can click on the small triangle on the right to filter the list of values to use. In the example below, we filter the gender variable by selecting only the values "Female" and "Male".

If a variable has a large number of values, you can do a search and check/uncheck all.



If there are too many values, then we cannot filter on the variable.

If there is a filter on a variable, then the text font changes to italic:



ATTENTION : The filter on a variable is taken into account even if this one is not in the list of variables[3] (frame on grey background)

Appendix 1: List of variables

	Dataset				Comment
	Patient	File	Analysis	Result	
ID_PATIENT					Patient ID
CODE					Patient code
CODE_LAB					Laboratory code
LASTNAME					Patient's name
FIRSTNAME					Patient's first name
BIRTH					Date of birth
BIRTH_YEAR					Year of birth patient
BIRTH_MONTH					Month of birth patient
BIRTH_DAY					Day of birth patient
BIRTH_APPROX					Approximate date of birth
AGE					Age of the patient (associated with the unit)
AGE_UNIT					Age unit: year, month, day
SEX					Patient gender
MIDDLE_NAME					Second name
MAIDEN_NAME					Maiden name

NATION					Nationality
NAT_CODE					Nation Code
RESIDENT					Resident
ZIPCODE					Postal code
CITY					City
PROFESSION					Profession
BLOOD_GROUP					Blood type
BLOOD_RHESUS					Rhesus
ANA_EMERGENCY					Urgent analysis
ID_RECORD					File number
REC_CUSTODY					Custodial file
TYPE					Type of file (internal/external)
REC_NUM_INT					Internal laboratory file number
RECORD_DATE					Date file created
REC_NUM_YEAR					Registration number per year
REC_NUM_DAY					Registration number per day
REC_NUM_MONTH					Registration number per month
REC_MODIFIED					File modification status
ID_DOCTOR					Identification of the prescriber
DOCTOR_LNAME					Name of the prescriber
DOCTOR_FNAME					First name of the prescriber
PRESCRIPTION_DATE					Date of prescription
REC_HOSP_NUM					Hospital identification
INTERNAL_SERVICE					Requesting department
BED_NUM					Bed number

PRICE					Price
DISCOUNT					Discount on invoicing
DISCOUNT_PERCENT					Percentage of the discount
INSURANCE_PERCENT					Percentage of health insurance / mutual insurance
TO_PAY					Remainder to pay
STATUS					File validation status
HOSP_DATE					Date of hospital admission
PAT_NAME					Patient name
PAT_FIRSTNAME					Patient firstname
PHONE1					Patient's phone number 1
PHONE2					Patient's phone number 2
ID_ANALYSIS					Analysis ID
ANA_PRICE					Total price of the analysis
ANA_OUTSOURCED					Outsourced analysis
ANALYSIS_CODE					Analysis code
ANALYSIS_NAME					Name of the analysis
ANALYSIS_FAMILLY					Analysis family
RESULT_VALUE					Result
VARIABLE_NAME					Name of the variable
TYPE_RESULT					Type of result
RESULT_UNIT					Result unit