



Fondation  
Mérieux

Lab | Book

LabBook v3.6

# Pivot table

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Fondation **Mérieux**

Lutte contre les maladies infectieuses depuis 1967

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# 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 has been selected, the user is provided with variables for analysis.

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 patient-related variables. The "dossier" dataset contains both patient and dossier variables. What's more, when in the "dossier" dataset, the same "patient" record can be found on several lines (a patient can have several dossiers).

The table in [Appendix 1](#) describes the variables available for each dataset.

## Interfaces

### Access

The module can be accessed via the "Reports" > "Pivot table" menu:



### Filter

The filter is used to select the data to be used by the module. In addition to dataset selection, the current version also allows filtering by file date.

**Tableau croisé dynamique**

Choix des données

Dataset Dossier ▾      Date du 01/03/2023 📅 au 24/03/2023 📅

Chargement

Export des données

# Main interface

	id_patient	1	2	
	birth_year	2006	2022	Totals
	sex	Masculin	Inconnu	
birth_month				
02		1		1
04			1	1
	Totals	1	1	2

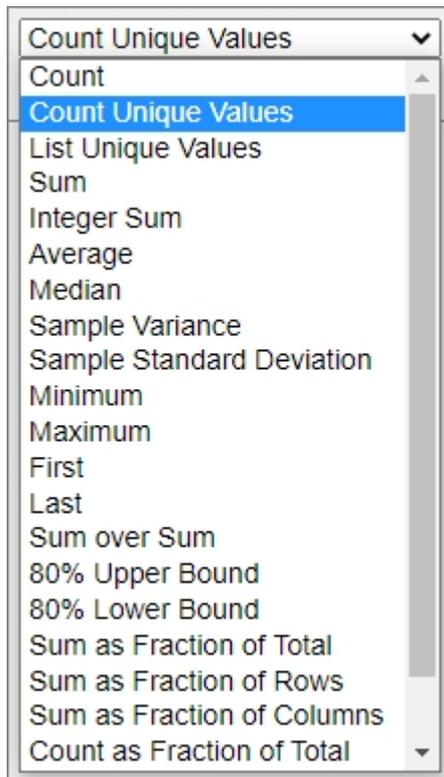
The image below shows how the main interface is displayed.

## 1 Rendering selection

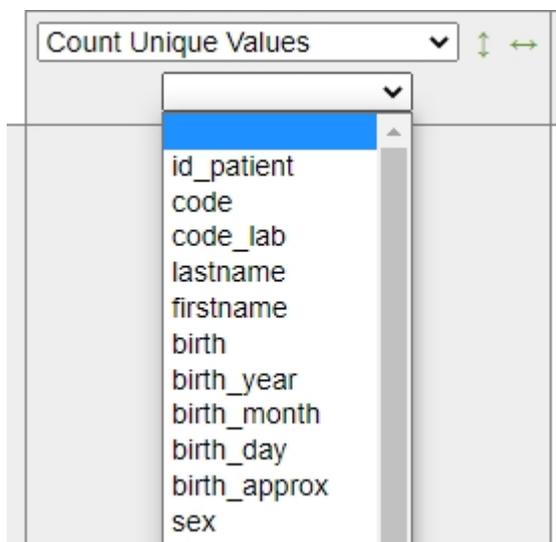
This item allows you to select the output rendering (table, graph, etc.).

- Table ▾
- Table
- Table Barchart
- Heatmap
- Row Heatmap
- Col Heatmap

## 2 Choice of aggregator



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



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

### 3 Variable list

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 4 and 5 axes.

### 4 Horizontal axis and 5 vertical axis

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

### 6 Result

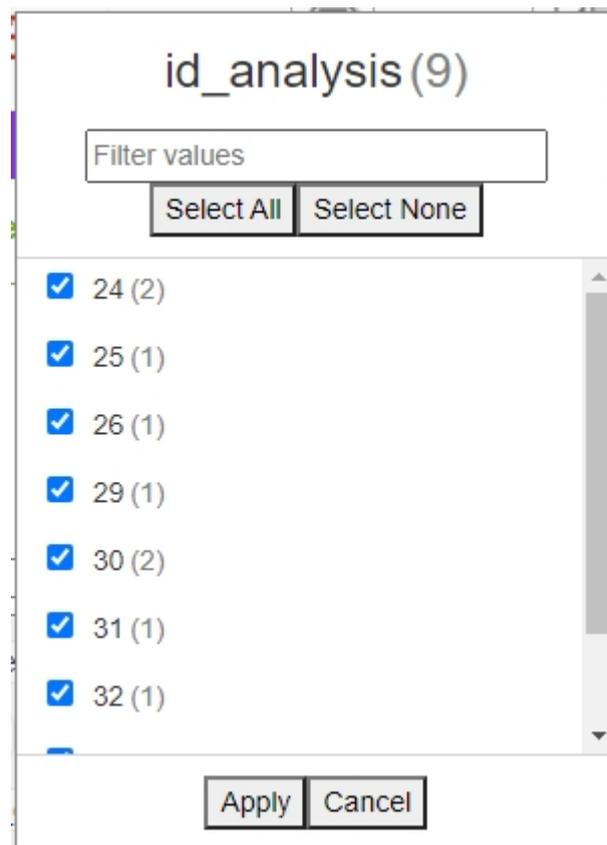
The result of the analysis is displayed in this area.

## Variable

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



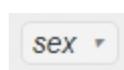
If a variable has a large number of values, you can perform a search and check/uncheck all.



If there are too many values, then the variable can no longer be filtered.



If a variable is filtered, the text font changes to italic:



**ATTENTION:** The filter on a variable is taken into account even if it is not in the list of variables  (frame with grey background).

## Appendix: Variable list

	Dataset				Comment
	Patient	File	Analysi s	Results	
PATIENT_ID					Patient ID
CODE					Patient code
CODE_LAB					Laboratory code
LASTNAME					Patient name
FIRSTNAME					Patient's first name
BIRTH					Date of birth
BIRTH_YEAR					Patient year of birth
BIRTH_MONTH					Month of patient's birth
BIRTH_DAY					Patient's day of birth
BIRTH_APPROX					Approximate date of birth
AGE					Patient's age (associated with 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					Zip code
CITY					City
PROFESSION					Profession
BLOOD_GROUP					Blood group
BLOOD_RHESUS					Rhesus
ANA_EMERGENCY					Urgent analysis
ID_RECORD					Record number
REC_CUSTODY					Custody file
TYPE					Folder type (internal/external)
REC_NUM_INT					Internal laboratory file number
RECORD_DATE					Record creation date
REC_NUM_YEAR					Record number per year
REC_NUM_DAY					Record number per day
REC_NUM_MONTH					Registration number per month
REC_MODIFIED					File modification status
ID_DOCTOR					Identification of prescriber
DOCTOR_LNAME					Name of prescriber
DOCTOR_FNAME					Prescriber's first name
PRESCRIPTION_DAT					Prescription date

E					
REC_HOSP_NUM					Hospital identification

INTERNAL_SERVICE					Requesting department
BED_NUM					Bed number
PRICE					Price
DISCOUNT					Billing discount
DISCOUNT_PERCENT					Discount percentage
INSURANCE_PERCENT					Percentage health insurance / mutual insurance
TO_PAY					Remainder to pay
STATUS					File validation status
HOSP_DATE					Hospital admission date
PAT_NAME					Patient name
PAT_FIRSTNAME					Patient's first name
PHONE1					Patient phone 1
PHONE2					Patient phone 2
ID_ANALYSIS					Analysis identifier
ANA_PRICE					Total price of analysis
ANA_OUTSOURCED					Outsourced analysis
ANALYSIS_CODE					Analysis code
ANALYSIS_NAME					Analysis name
ANALYSIS_FAMILY					Analysis family
RESULT_VALUE					Result
VARIABLE_NAME					Variable name
TYPE_RESULT					Result type
RESULT_UNIT					Result unit

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