Edit Domain

Rename features and their values.
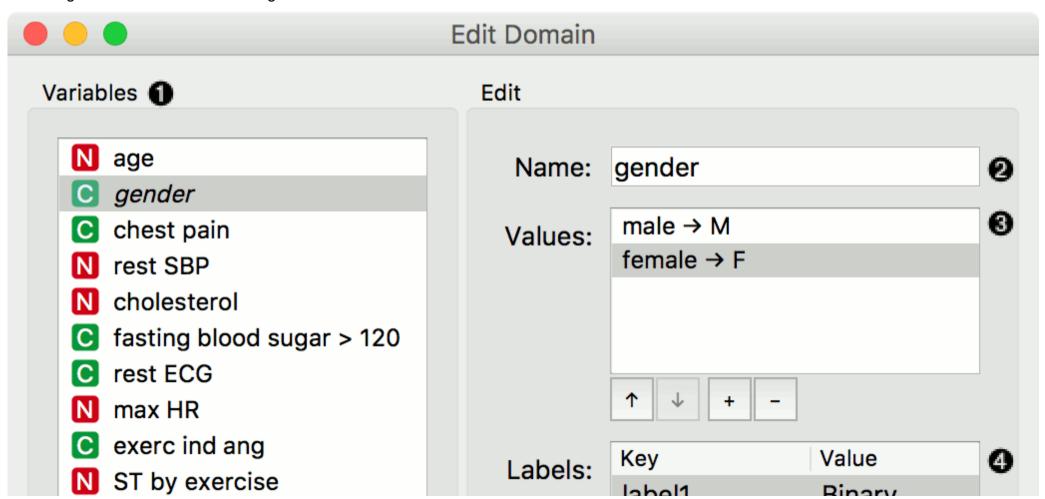
Inputs

- Data: input dataset

Outputs

- Data: dataset with edited domain

This widget can be used to edit/change a dataset's domain.

1. All features (including meta attributes) from the input dataset are listed in the *Variables* list. Selecting one feature displays an editor on the right.
2. Change the name of the feature.
3. Change the value names for discrete features in the *Values* list box. Double-click to edit the name. To reorder the values (for example to display them in Distributions, use the up and down keys at the bottom of the box. To add or remove a value, use + and - buttons.
4. Additional feature annotations can be added, removed or edited in the *Labels* box. Add a new label with the + button and add the *Key* and *Value* for the new entry. Key will be displayed in the top left corner of the Data Table, while values will appear below the specified column. Remove an existing label with the - button.
5. To revert the changes made to the selected feature, press the *Reset Selected* button while the feature is selected in the *Variables* list. Pressing *Reset All* will remove all the changes to the domain.
6. Press *Apply* to send the new domain to the output.

Example

Below, we demonstrate how to simply edit an existing domain. We selected the *heart_disease.tab* dataset and edited the *gender*attribute. Where in the original we had the values *female* and *male*, we changed it into *F* for female and *M* for male. Then we used the down key to switch the order of the variables. Finally, we added a label to mark that the attribute is binary. We can observe the edited data in the Data Table widget.

Edit Domain

Variables

N	age
C	gender
C	chest pain
N	rest SBP
N	cholesterol
C	fasting blood sugar > 120
C	rest ECG
N	max HR
C	exerc ind ang
N	ST by exercise
C	slope peak exc ST
N	major vessels colored
C	thal
C	diameter narrowing

Edit

Name: gender

Values:
male → M
female → F

↑ ↓ + −

Labels:

Key	Value
label1	Binary

+ −

Reset Selected   Reset All   Apply

File   Edit Domain   Data Table

Data Table

Info

303 instances
13 features (0.2% missing values)
Discrete class with 2 values (no missing values)
No meta attributes

Variables

☑ Show variable labels (if present)
☐ Visualize numeric values
☑ Color by instance classes

Selection

☑ Select full rows

Restore Original Order

☑ Send Automatically

	diameter narrowing label1	age	gender Binary	chest
1	0	63	M	typical a
2	1	67	M	asympto
3	1	67	M	asympto
4	0	37	M	non-ang
5	0	41	F	atypical
6	0	56	M	atypical ang
7	1	62	F	asymptomatic
8	0	57	F	asymptomatic
9	1	63	M	asymptomatic
10	1	53	M	asymptomatic
11	0	57	M	asymptomatic
12	0	56	F	atypical ang
13	1	56	M	non-anginal
14	0	44	M	atypical ang
15	0	52	M	non-anginal
16	0	57	M	non-anginal