Data Table

Displays attribute-value data in a spreadsheet.

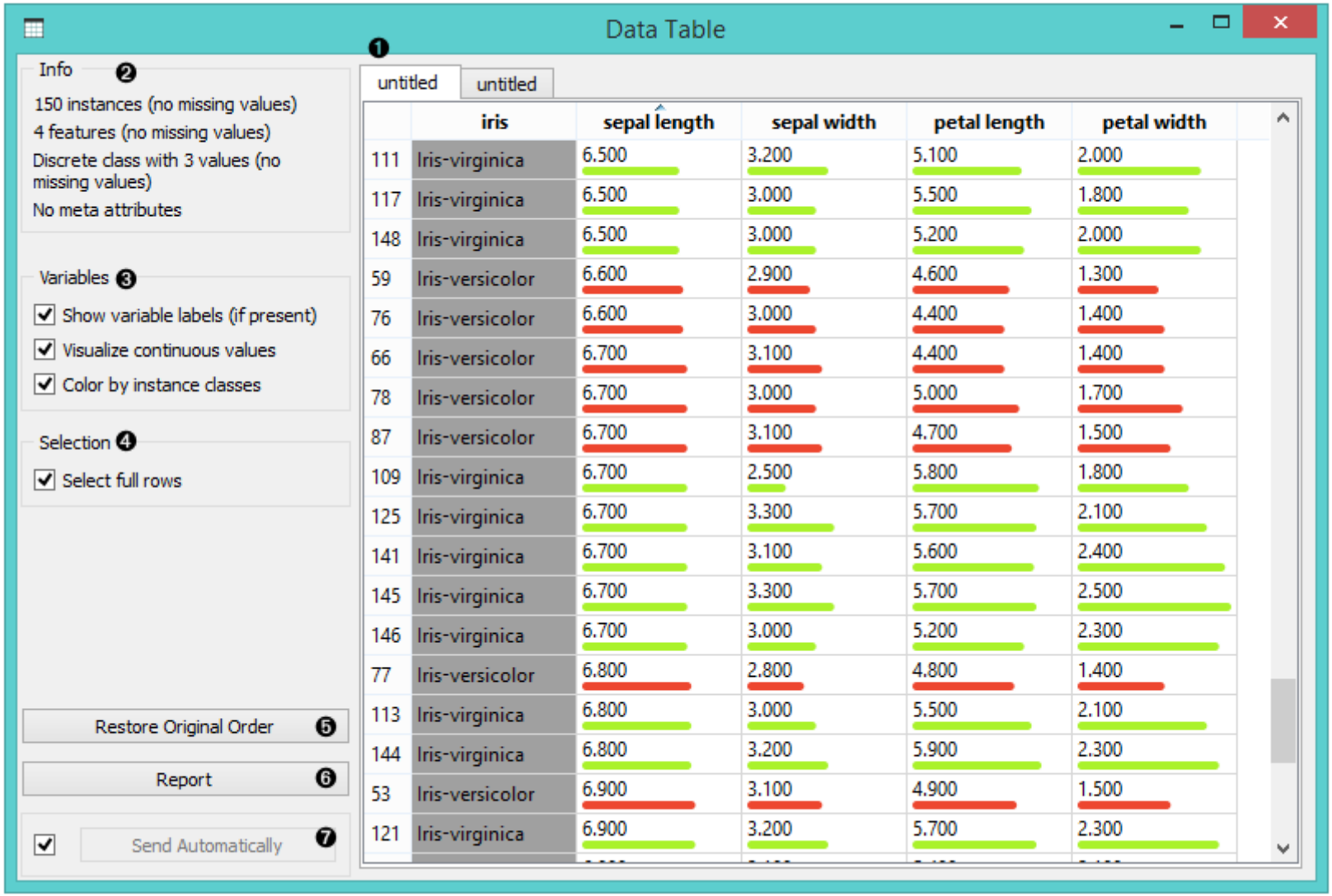
Inputs

- Data: input dataset

Outputs

- Selected Data: instances selected from the table

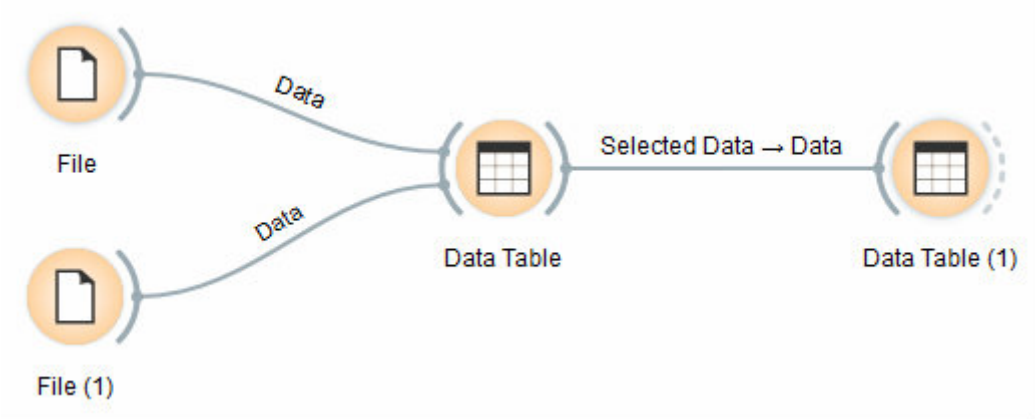
The **Data Table** widget receives one or more datasets in its input and presents them as a spreadsheet. Data instances may be sorted by attribute values. The widget also supports manual selection of data instances.



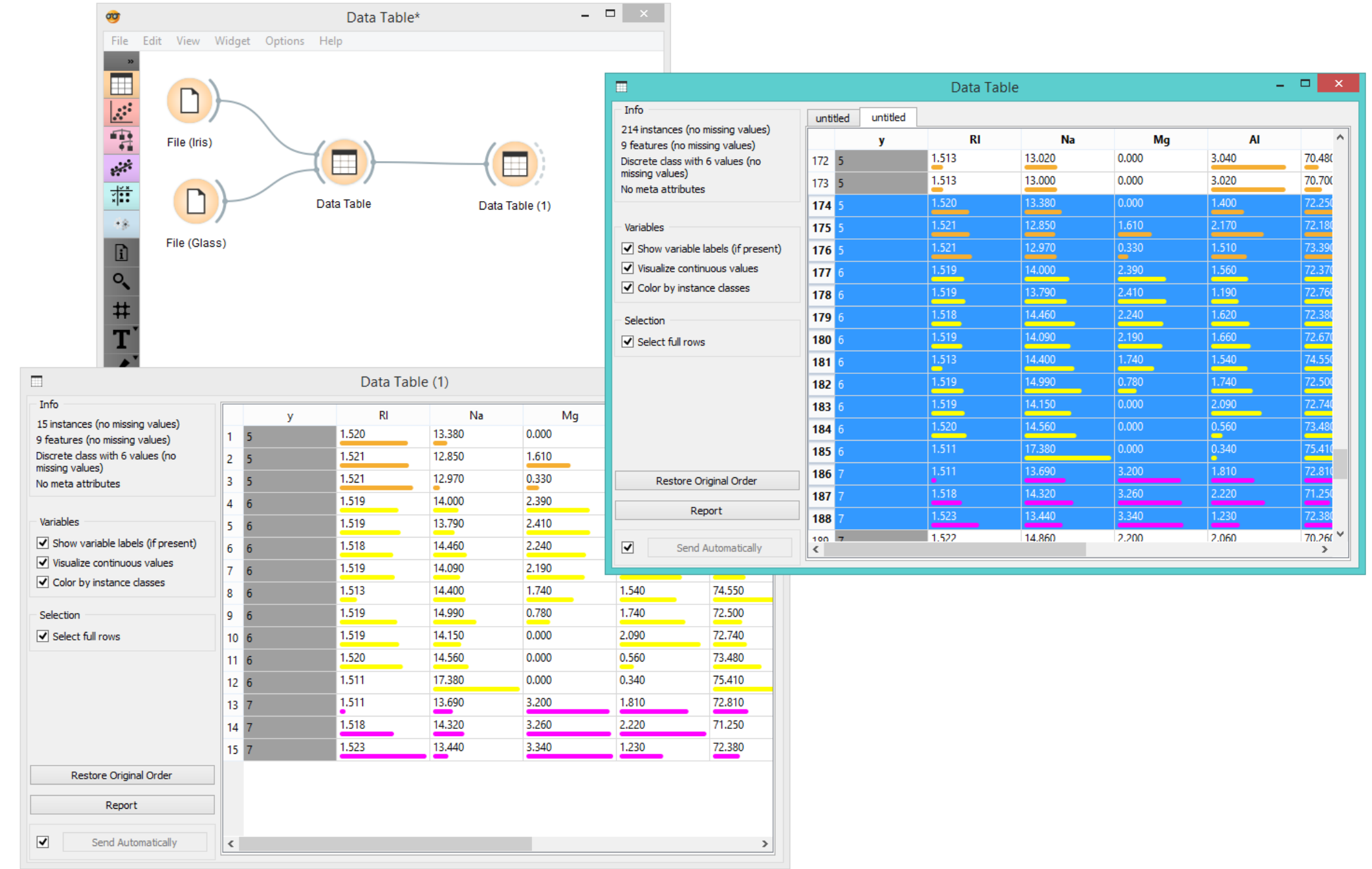
1. The name of the dataset (usually the input data file). Data instances are in rows and their attribute values in columns. In this example, the dataset is sorted by the attribute “sepal length”.
2. Info on current dataset size and number and types of attributes
3. Values of continuous attributes can be visualized with bars; colors can be attributed to different classes.
4. Data instances (rows) can be selected and sent to the widget’s output channel.
5. Use the *Restore Original Order* button to reorder data instances after attribute-based sorting.
6. Produce a report.
7. While auto-send is on, all changes will be automatically communicated to other widgets. Otherwise, press *Send Selected Rows*.

Example

We used two File widgets to read the *Iris* and *Glass* dataset (provided in Orange distribution), and send them to the **Data Table** widget.



Selected data instances in the first **Data Table** are passed to the second **Data Table**. Notice that we can select which dataset to view (iris or glass). Changing from one dataset to another alters the communicated selection of data instances if *Commit on any change* is selected.



	y	RI	Na	Mg	Al	
172	5	1.513	13.020	0.000	3.040	70.480
173	5	1.513	13.000	0.000	3.020	70.700
174	5	1.520	13.380	0.000	1.400	72.250
175	5	1.521	12.850	1.610	2.170	72.180
176	5	1.521	12.970	0.330	1.510	73.390
177	6	1.519	14.000	2.390	1.560	72.370
178	6	1.519	13.790	2.410	1.190	72.760
179	6	1.518	14.460	2.240	1.620	72.380
180	6	1.519	14.090	2.190	1.660	72.670
181	6	1.513	14.400	1.740	1.540	74.550
182	6	1.519	14.990	0.780	1.740	72.500
183	6	1.519	14.150	0.000	2.090	72.740
184	6	1.520	14.560	0.000	0.560	73.480
185	6	1.511	17.380	0.000	0.340	75.410
186	7	1.511	13.690	3.200	1.810	72.810
187	7	1.518	14.320	3.260	2.220	71.250
188	7	1.523	13.440	3.340	1.230	72.380
189	7	1.522	14.860	2.200	2.060	70.260

	y	RI	Na	Mg		
1	5	1.520	13.380	0.000		
2	5	1.521	12.850	1.610		
3	5	1.521	12.970	0.330		
4	6	1.519	14.000	2.390		
5	6	1.519	13.790	2.410		
6	6	1.518	14.460	2.240		
7	6	1.519	14.090	2.190		
8	6	1.513	14.400	1.740	1.540	74.550
9	6	1.519	14.990	0.780	1.740	72.500
10	6	1.519	14.150	0.000	2.090	72.740
11	6	1.520	14.560	0.000	0.560	73.480
12	6	1.511	17.380	0.000	0.340	75.410
13	7	1.511	13.690	3.200	1.810	72.810
14	7	1.518	14.320	3.260	2.220	71.250
15	7	1.523	13.440	3.340	1.230	72.380