

# Client-Side Many-Valued Context Scaling Featurelist

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## 1 Panel

Select .csv  
file with  
mv-context

☐ **Header?**

Use

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Select .json  
file with  
configurations

Edit

Figure 1: The panel to select files (both versions)

### 1.1 Features

- Select any local .csv file with a mv-context
- Checkbox to mark existence of a header line
- Different input box to instead reuse a .json file with an old configuration
- Button to second panel

## 2 Panel

The UI consists of two main sections. The top section is a selection panel with three attribute labels: 'Attribute #1', 'Attribute #2', and 'Attribute #3'. 'Attribute #1' and 'Attribute #2' are highlighted with gray backgrounds, indicating they are selected. 'Attribute #3' has a white background, indicating it is not selected. To the right of these labels is a gray button labeled 'Go'. The bottom section is a scrollable box containing a table with 4 rows and 4 columns. The columns are labeled 'Attribute #1', 'Attribute #2', and 'Attribute #3'. The rows are labeled '#1', '#2', '#3', and '#4'. The table contains numerical data for each attribute across the four rows. A vertical scrollbar is on the right side of the table.

	Attribute #1	Attribute #2	Attribute #3
#1	19	8	10
#2	88	7	29
#3	12	34	6
#4	9	70	23

Figure 2: Preselection panel

### 2.1 Features

- Select all Attributes (multi-select input) to scale (gray) and to exclude (white)
- Preview of the context in scroll-able box (x and y axis)
- Button to third panel

### 3 Panel

Attribute #1

Scale nominal ▼

Goto next select ▼

-----Statistics-----

-----Settings-----

Figure 3: Scaling panel

- Preselected scaling option for each attribute
- Option to choose different scaling method
- Descriptive statistics for values of each attribute
- Settings to change scaling
- Button to iterate attributes
- Selection to jump between attributes
- Last "attribute" is export panel

#### 3.1 Statistics

- Based on data type mean, median, most common element etc.
- Distribution graphs

#### 3.2 Settings

- Nominal
- Ordinal
  - Sort Attributes

- Different incomparable groups
- Numeric
  - Predefined intervals
  - Set custom intervals
- Custom
  - Only edit context scale

### **3.3 Export**

- Last "attribute"
- Only download button for .json config-file and .ctx scaled context file