Client-Side Many-Valued Context Scaling Featurelist

November 6, 2019

1 Panel

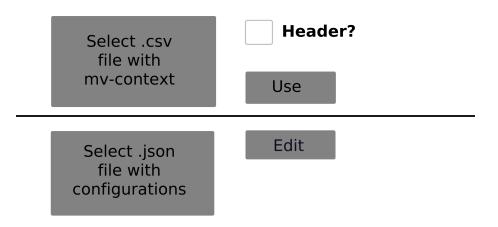
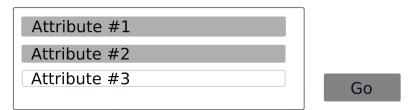


Figure 1: The panel to select files (both versions)

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



| | | | | . 6 |
|----|--------------|--------------|--------------|-----|
| | Attribute #1 | Attribute #2 | Attribute #3 | |
| #1 | 19 | 8 | 10 | |
| #2 | 88 | 7 | 29 | |
| #3 | 12 | 34 | 6 | |
| #4 | 9 | 70 | 23 |] L |

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

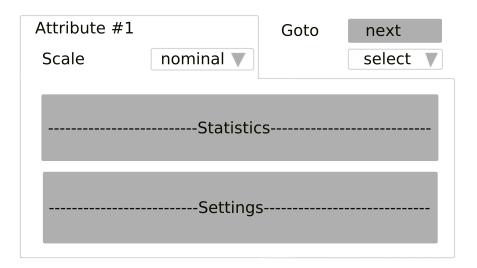


Figure 3: Scaling panel

- 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
- \bullet Numeric
 - Predefined intervals
 - Set custom intervals
- \bullet Custom
 - Only edit context scale

3.3 Export

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