

# Client-Side Many-Valued Context Scaling

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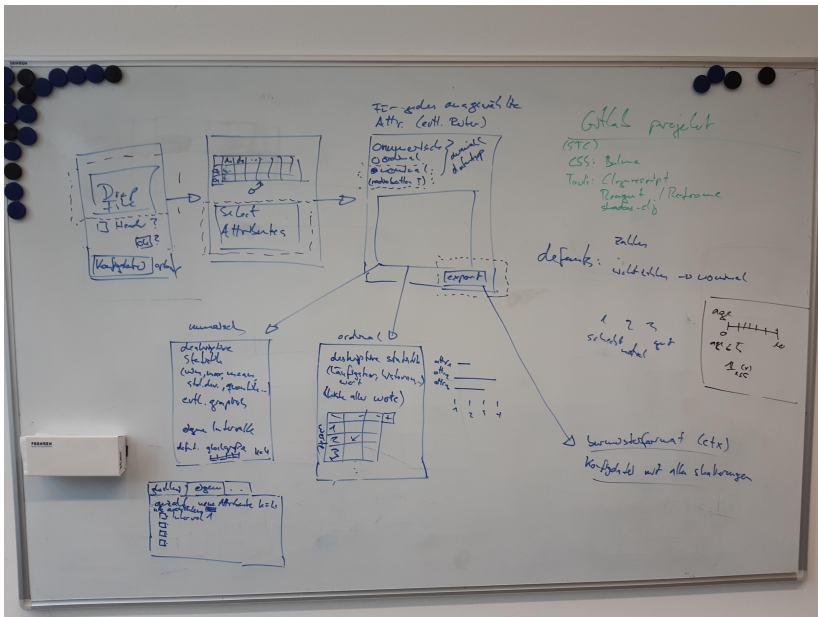
From the website:

*"Um Datensätze mit z.B. numerischen oder ordinalen Einträgen mit Methoden der Formalen Begriffsanalyse untersuchen zu können, müssen diese zuerst in eine entsprechende Form gebracht (also skaliert) werden. In diesem Projekt soll ein interaktives Tool erstellt werden, mit dem Datensätze begrifflich skaliert werden können."*

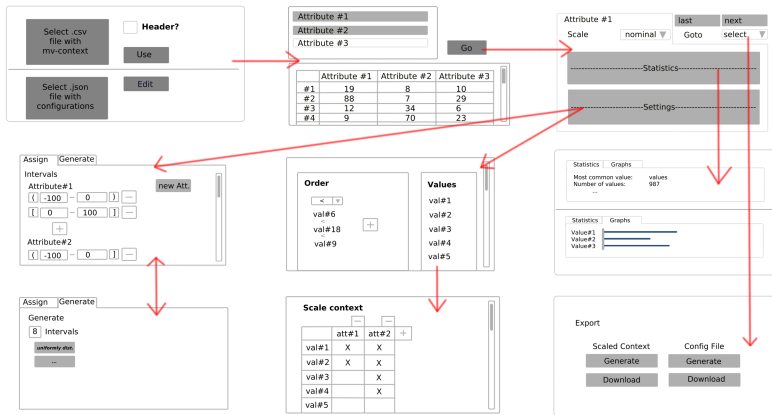
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# Initial Draft



# Initial Draft



Select .csv  
file with  
mv-context

☐

**Header?**

Use

Select .json  
file with  
configurations

Edit

Figure: Select files to upload



# Select attributes

Attribute #1

Attribute #2

Attribute #3

Go

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

Figure: Select attributes to scale

# Actual scaling

Attribute #1

Scale 

nominal ▼

last

next

Goto

select ▼

-----Statistics-----

-----Settings-----

Figure: For each attribute, select the scaling

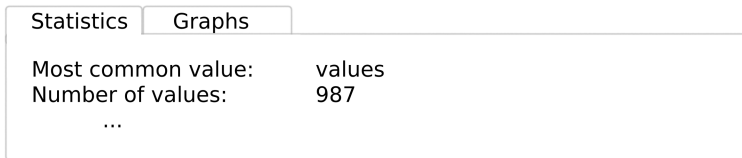


Figure: Some statistics based on chosen measure

# Ordinal scaling

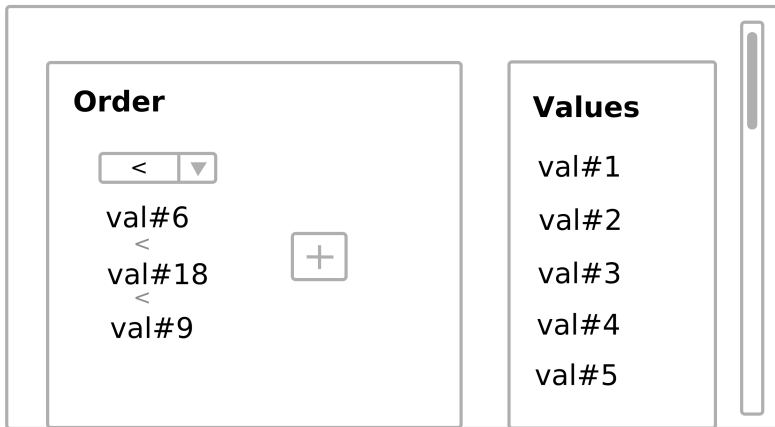


Figure: Sort with drag and drop

**Scale context**

	<div>-</div> att#1	<div>-</div> att#2	<div>+</div>
val#1	X	X	
val#2	X	X	
val#3		X	
val#4		X	
val#5			




Figure: Edit the scale directly

# Numeric scaling

Assign **Generate**

Intervals

Attribute#1

( -100 - 0 ) —

[ 0 - 100 ] —

+

Attribute#2

( -100 - 0 ] —

new Att.

Figure: Set different intervals per hand

# Numeric scaling

Assign

Generate

Generate

8

Intervals

*uniformly dist.*

...

Figure: Use predefined intervals

Export

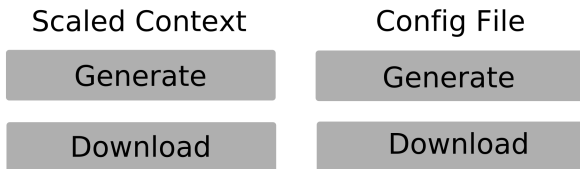


Figure: Export panel



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