

# DWM PR 08 SS

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter: Choose **None** Apply Stop

**Current relation**  
 Relation: supermarket  
 Instances: 4627  
 Attributes: 217  
 Sum of weights: 4627

**Attributes**  
 All None Invert Pattern

No.	Name
1	<input checked="" type="checkbox"/> department1
2	<input type="checkbox"/> department2
3	<input type="checkbox"/> department3
4	<input type="checkbox"/> department4
5	<input type="checkbox"/> department5
6	<input type="checkbox"/> department6
7	<input type="checkbox"/> department7
8	<input type="checkbox"/> department8
9	<input type="checkbox"/> department9
10	<input type="checkbox"/> grocery misc
11	<input type="checkbox"/> department11
12	<input type="checkbox"/> baby needs
13	<input type="checkbox"/> bread and cake
14	<input type="checkbox"/> baking needs
15	<input type="checkbox"/> coupons
16	<input type="checkbox"/> juice-sat-cord-ms
17	<input type="checkbox"/> tea
18	<input type="checkbox"/> biscuits

Remove

**Selected attribute**  
 Name: department1  
 Missing: 3580 (77%)  
 Distinct: 1  
 Type: Nominal  
 Unique: 0 (0%)

No.	Label	Count	Weight
1	t	1047	1047.0

Class: total (Nom) Visualize All

Status: OK Log x 0

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter: Choose **NominalToBinary -R first-last** Apply Stop

**Current relation**  
 Relation: supermarket-weka.filters.unsupervised.attribute.No...  
 Instances: 4627  
 Attributes: 217  
 Sum of weights: 4627

**Attributes**  
 All None Invert Pattern

No.	Name
1	<input checked="" type="checkbox"/> department1
2	<input type="checkbox"/> department2
3	<input type="checkbox"/> department3
4	<input type="checkbox"/> department4
5	<input type="checkbox"/> department5
6	<input type="checkbox"/> department6
7	<input type="checkbox"/> department7
8	<input type="checkbox"/> department8
9	<input type="checkbox"/> department9
10	<input type="checkbox"/> grocery misc
11	<input type="checkbox"/> department11
12	<input type="checkbox"/> baby needs
13	<input type="checkbox"/> bread and cake
14	<input type="checkbox"/> baking needs
15	<input type="checkbox"/> coupons
16	<input type="checkbox"/> juice-sat-cord-ms
17	<input type="checkbox"/> tea
18	<input type="checkbox"/> biscuits

Remove

**Selected attribute**  
 Name: department1  
 Missing: 3580 (77%)  
 Distinct: 1  
 Type: Numeric  
 Unique: 0 (0%)

Statistic	Value
Minimum	0
Maximum	0
Mean	0
StdDev	0

Class: total (Nom) Visualize All

Status: OK Log x 0

Preprocess

Classify

Cluster

Associate

Select attributes

Visualize

Associator

Choose

FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1

Start

Stop

Result list (right-click f...

11:56:13 - FPGrowth

Associator output

=== Run information ===

Scheme: weka.associations.FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1

Relation: supermarket

Instances: 4627

Attributes: 217

[list of attributes omitted]

=== Associator model (full training set) ===

FPGrowth found 16 rules (displaying top 10)

1. [fruit=t, frozen foods=t, biscuits=t, total=high]: 788 ==> [bread and cake=t]: 723 <conf:(0.92)> lift:(1.27)

2. [fruit=t, baking needs=t, biscuits=t, total=high]: 760 ==> [bread and cake=t]: 696 <conf:(0.92)> lift:(1.27)

3. [fruit=t, baking needs=t, frozen foods=t, total=high]: 770 ==> [bread and cake=t]: 705 <conf:(0.92)> lift:(1.27)

4. [fruit=t, vegetables=t, biscuits=t, total=high]: 815 ==> [bread and cake=t]: 746 <conf:(0.92)> lift:(1.27) 1

5. [fruit=t, party snack foods=t, total=high]: 854 ==> [bread and cake=t]: 779 <conf:(0.91)> lift:(1.27) lev:(0.04)

6. [vegetables=t, frozen foods=t, biscuits=t, total=high]: 757 ==> [bread and cake=t]: 725 <conf:(0.91)> lift:(1.27) 1

7. [vegetables=t, baking needs=t, biscuits=t, total=high]: 772 ==> [bread and cake=t]: 701 <conf:(0.91)> lift:(1.27) 1

8. [fruit=t, biscuits=t, total=high]: 954 ==> [bread and cake=t]: 866 <conf:(0.91)> lift:(1.26) lev:(0.04) conv


9. [fruit=t, vegetables=t, frozen foods=t, total=high]: 834 ==> [bread and cake=t]: 757 <conf:(0.91)> lift:(1.26) lev:(0.04)

10. [fruit=t, frozen foods=t, total=high]: 969 ==> [bread and cake=t]: 877 <conf:(0.91)> lift:(1.26) lev:(0.04)

Status

OK

Log

 x 0