

## RESULTADOS DOS PROCESSAMENTOS GERADOS PELO SOFTWARE WEKA

### TAREFA ASSOCIAÇÃO – ALGORITMO APRIORI

Conjunto de dados: Município de Campos dos Goytacazes (RJ)

Primitiva geométrica: Área

Itens configurados	Valor utilizado
<b><i>metricType</i></b>	<i>Confidence</i> (Confiança)
<b><i>MinMetric</i></b>	0,25 (=25%)
<b><i>numRules</i></b>	100
<b><i>lowerBoundMinSupport</i></b>	0,05 (=5%)
<b><i>upperBoundMinSupport</i></b>	1,0 (=100%)
<b><i>delta</i></b>	0,05 (=5%)
<b><i>outputItemSets</i></b>	<i>True</i> (Verdadeiro)

## PROCESSAMENTO 01

Classe da EDGV v2.3.1: **Cemiterio**

Tag do OSM: **amenity = grave\_yard**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-  
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-  
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-  
weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-76,78,80-136

Instances: 4253

Attributes: 4

name

amenity

denomination

religion

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

No large itemsets and rules found!

## PROCESSAMENTO 07

Classe da EDGV v2.3.1: **Cemiterio**

Tag do OSM: **landuse = cemetery**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-

weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.Remove-R1-2,4-14,16-55,57-76,78,80-136

Instances: 4253

Attributes: 5

name

landuse

alt\_name

denomination

religion

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

No large itemsets and rules found!

## PROCESSAMENTO 13

Classe da EDGV v2.3.1: **Edif\_Constr\_Lazer**

Tag do OSM: **leisure = pitch**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-

weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.Remove-R1-2,4-15,17-49,51-53,55,57-136

Instances: 4253

Attributes: 5

name

leisure

surface

description

alt\_name

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

No large itemsets and rules found!

## PROCESSAMENTO 19

Classe da EDGV v2.3.1: **Edif\_Constr\_Lazer**

Tag do OSM: **leisure = sports\_centre**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-

weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.Remove-R1-2,4-15,17-49,51-53,55,57-136

Instances: 4253

Attributes: 5

name

leisure

surface

description

alt\_name

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

No large itemsets and rules found!

## PROCESSAMENTO 25

Classe da EDGV v2.3.1: **Edif\_Comerc\_Serv**

Tag do OSM: **building = commercial**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-

weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-9,11-49,51-53,55,57-136

Instances: 4253

Attributes: 6

name

amenity

building

surface

description

alt\_name

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

Apriori

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Minimum support: 0.05 (213 instances)

Minimum metric <confidence>: 0.25

Number of cycles performed: 19

Generated sets of large itemsets:

Size of set of large itemsets L(1): 2

Large Itemsets L(1):

name=1 581

building=1 1204

Size of set of large itemsets L(2): 1

Large Itemsets L(2):

name=1 building=1 226

Best rules found:

1. name=1 581 ==> building=1 226 <conf:(0.39)> lift:(1.37) lev:(0.01) [61] conv:(1.17)

## PROCESSAMENTO 31

Classe da EDGV v2.3.1: **Edif\_Religiosa**

Tag do OSM: **amenity = place\_of\_worship**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-

weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-

weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-9,11-43,45-49,51-53,55,57-76,78,80-136

Instances: 4253

Attributes: 9

name

amenity

building

name:pt

surface

description

alt\_name

denomination

religion

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

Apriori

=====

Minimum support: 0.05 (213 instances)

Minimum metric <confidence>: 0.25

Number of cycles performed: 19



Generated sets of large itemsets:

Size of set of large itemsets L(1): 2

Large Itemsets L(1):

name=1 581

building=1 1204

Size of set of large itemsets L(2): 1

Large Itemsets L(2):

name=1 building=1 226

Best rules found:

1. name=1 581 ==> building=1 226 <conf:(0.39)> lift:(1.37) lev:(0.01) [61] conv:(1.17)

## PROCESSAMENTO 37

Classe da EDGV v2.3.1: **Posto\_Combustivel**

Tag do OSM: **amenity = fuel**

=== Run information ===

Scheme: weka.associations.Apriori -I -N 100 -T 0 -C 0.25 -D 0.05 -U 1.0 -M 0.05 -S -1.0 -c -1

Relation: campos\_osm\_ar\_processado\_binary2-  
weka.filters.unsupervised.attribute.NumericToNominal-Rfirst-last-  
weka.filters.unsupervised.attribute.StringToNominal-Rfirst-last-  
weka.filters.unsupervised.attribute.Remove-R1-2,4-5,7-43,45-53,55,57-136

Instances: 4253

Attributes: 5

name

amenity

name:pt

description

alt\_name

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

No large itemsets and rules found!