=== Run information ===

Scheme: weka.associations.FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.3 -D 0.05 -U 1.0 -M 0.01

Relation: topic-0.txt

Instances: 10047

Attributes: 134

[list of attributes omitted]

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

FPGrowth found 17 rules (displaying top 10)

1. [series=1]: 209 ==> [time=1]: 194 <conf:(0.93)> lift:(16.65) lev:(0.02) conv:(12.33)

2. [mining=1, rule=1]: 159 ==> [association=1]: 123 <conf:(0.77)> lift:(23.13) lev:(0.01) conv:(4.15)

3. [mining=1, association=1]: 159 ==> [rule=1]: 123 <conf:(0.77)> lift:(18.68) lev:(0.01) conv:(4.12)

4. [association=1]: 336 ==> [rule=1]: 233 <conf:(0.69)> lift:(16.75) lev:(0.02) conv:(3.1)

5. [stream=1]: 211 ==> [data=1]: 141 <conf:(0.67)> lift:(5.21) lev:(0.01) conv:(2.59)

6. [rule=1]: 416 ==> [association=1]: 233 <conf:(0.56)> lift:(16.75) lev:(0.02) conv:(2.19)

7. [frequent=1]: 227 ==> [mining=1]: 127 <conf:(0.56)> lift:(4.83) lev:(0.01) conv:(1.99)

8. [rule=1, association=1]: 233 ==> [mining=1]: 123 <conf:(0.53)> lift:(4.56) lev:(0.01) conv:(1.86)

9. [association=1]: 336 ==> [mining=1]: 159 <conf:(0.47)> lift:(4.09) lev:(0.01) conv:(1.67)

10. [pattern=1]: 528 ==> [mining=1]: 203 <conf:(0.38)> lift:(3.32) lev:(0.01) conv:(1.43)

=== Run information ===

Scheme: weka.associations.FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.5 -D 0.05 -U 1.0 -M 0.01

Relation: topic-1.txt

Instances: 9674

Attributes: 126

[list of attributes omitted]

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

FPGrowth found 14 rules (displaying top 10)

1. [machine=1, support=1]: 117 ==> [vector=1]: 115 <conf:(0.98)> lift:(42.26) lev:(0.01) conv:(38.09)

2. [machine=1, vector=1]: 123 ==> [support=1]: 115 <conf:(0.93)> lift:(41.68) lev:(0.01) conv:(13.36)

3. [neighbor=1]: 137 ==> [nearest=1]: 121 <conf:(0.88)> lift:(60.6) lev:(0.01) conv:(7.94)

4. [nearest=1]: 141 ==> [neighbor=1]: 121 <conf:(0.86)> lift:(60.6) lev:(0.01) conv:(6.62)

5. [neural=1]: 128 ==> [network=1]: 101 <conf:(0.79)> lift:(16.49) lev:(0.01) conv:(4.35)

6. [vector=1, support=1]: 146 ==> [machine=1]: 115 <conf:(0.79)> lift:(24.66) lev:(0.01) conv:(4.42)

7. [support=1]: 217 ==> [vector=1]: 146 <conf:(0.67)> lift:(28.93) lev:(0.01) conv:(2.94)

8. [vector=1]: 225 ==> [support=1]: 146 <conf:(0.65)> lift:(28.93) lev:(0.01) conv:(2.75)

9. [semi=1]: 165 ==> [supervised=1]: 105 <conf:(0.64)> lift:(34.98) lev:(0.01) conv:(2.66)

10. [supervised=1]: 176 ==> [semi=1]: 105 <conf:(0.6)> lift:(34.98) lev:(0.01) conv:(2.4)

=== Run information ===

Scheme: weka.associations.FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.2 -D 0.05 -U 1.0 -M 0.01

Relation: topic-2.txt

Instances: 9959

Attributes: 141

[list of attributes omitted]

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

FPGrowth found 11 rules (displaying top 10)

1. [page=1]: 131 ==> [web=1]: 107 <conf:(0.82)> lift:(6.63) lev:(0.01) conv:(4.59)

2. [natural=1]: 228 ==> [language=1]: 170 <conf:(0.75)> lift:(15.15) lev:(0.02) conv:(3.67)

3. [engine=1]: 181 ==> [search=1]: 122 <conf:(0.67)> lift:(9.49) lev:(0.01) conv:(2.8)

4. [service=1]: 267 ==> [web=1]: 117 <conf:(0.44)> lift:(3.56) lev:(0.01) conv:(1.55)

5. [retrieval=1]: 1114 ==> [information=1]: 475 <conf:(0.43)> lift:(3.51) lev:(0.03) conv:(1.53)

6. [information=1]: 1211 ==> [retrieval=1]: 475 <conf:(0.39)> lift:(3.51) lev:(0.03) conv:(1.46)

7. [language=1]: 490 ==> [natural=1]: 170 <conf:(0.35)> lift:(15.15) lev:(0.02) conv:(1.49)

8. [semantic=1]: 414 ==> [web=1]: 104 <conf:(0.25)> lift:(2.04) lev:(0.01) conv:(1.17)

9. [document=1]: 564 ==> [retrieval=1]: 141 <conf:(0.25)> lift:(2.23) lev:(0.01) conv:(1.18)

10. [search=1]: 707 ==> [web=1]: 173 <conf:(0.24)> lift:(1.99) lev:(0.01) conv:(1.16)

=== Run information ===

Scheme: weka.associations.FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.2 -D 0.05 -U 1.0 -M 0.01

Relation: topic-3.txt

Instances: 10161

Attributes: 145

[list of attributes omitted]

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

FPGrowth found 10 rules (displaying top 10)

1. [oriented=1]: 163 ==> [object=1]: 102 <conf:(0.63)> lift:(28.51) lev:(0.01) conv:(2.57)

2. [reinforcement=1]: 224 ==> [learning=1]: 117 <conf:(0.52)> lift:(9.51) lev:(0.01) conv:(1.96)

3. [discovery=1]: 202 ==> [knowledge=1]: 104 <conf:(0.51)> lift:(7.04) lev:(0.01) conv:(1.89)

4. [object=1]: 223 ==> [oriented=1]: 102 <conf:(0.46)> lift:(28.51) lev:(0.01) conv:(1.8)

5. [base=1]: 337 ==> [data=1]: 138 <conf:(0.41)> lift:(8.1) lev:(0.01) conv:(1.6)

6. [relational=1]: 375 ==> [database=1]: 129 <conf:(0.34)> lift:(3.25) lev:(0.01) conv:(1.36)

7. [base=1]: 337 ==> [knowledge=1]: 111 <conf:(0.33)> lift:(4.5) lev:(0.01) conv:(1.38)

8. [data=1]: 514 ==> [base=1]: 138 <conf:(0.27)> lift:(8.1) lev:(0.01) conv:(1.32)

9. [system=1]: 928 ==> [database=1]: 195 <conf:(0.21)> lift:(1.99) lev:(0.01) conv:(1.13)

10. [learning=1]: 558 ==> [reinforcement=1]: 117 <conf:(0.21)> lift:(9.51) lev:(0.01) conv:(1.23)

=== Run information ===

Scheme: weka.associations.FPGrowth -P 2 -I -1 -N 10 -T 0 -C 0.28 -D 0.05 -U 1.0 -M 0.01

Relation: topic-4.txt

Instances: 9845

Attributes: 132

[list of attributes omitted]

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

FPGrowth found 10 rules (displaying top 10)

1. [concurrency=1]: 133 ==> [control=1]: 107 <conf:(0.8)> lift:(20.73) lev:(0.01) conv:(4.73)

2. [oriented=1]: 183 ==> [object=1]: 141 <conf:(0.77)> lift:(14.37) lev:(0.01) conv:(4.03)

3. [real=1]: 260 ==> [time=1]: 151 <conf:(0.58)> lift:(19.38) lev:(0.01) conv:(2.29)

4. [stream=1]: 212 ==> [data=1]: 112 <conf:(0.53)> lift:(5) lev:(0.01) conv:(1.88)

5. [time=1]: 295 ==> [real=1]: 151 <conf:(0.51)> lift:(19.38) lev:(0.01) conv:(1.98)

6. [processing=1]: 637 ==> [query=1]: 313 <conf:(0.49)> lift:(2.82) lev:(0.02) conv:(1.62)

7. [optimization=1]: 380 ==> [query=1]: 173 <conf:(0.46)> lift:(2.62) lev:(0.01) conv:(1.51)

8. [system=1]: 767 ==> [database=1]: 276 <conf:(0.36)> lift:(3.05) lev:(0.02) conv:(1.37)

9. [object=1]: 528 ==> [database=1]: 154 <conf:(0.29)> lift:(2.47) lev:(0.01) conv:(1.24)

10. [control=1]: 382 ==> [concurrency=1]: 107 <conf:(0.28)> lift:(20.73) lev:(0.01) conv:(1.37)