

# DWM PR07 SS

weka-gui-GUIChooser Apr 5 4:47 PM Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Associator

Choose Apriori -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1 -S -1.0 -c -1

Start Stop

Result list (right-click to open) 16:47:09 - Apriori

Associator output

Run information

Scheme: weka.associations.Apriori -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1 -S -1.0 -c -1  
Relation: soybean  
Instances: 683  
Attributes: 36  
date  
plant-stand  
precip  
temp  
hail  
crop-hist  
area-damaged  
severity  
seed-tst  
germination  
plant-growth  
leaves  
leafspots-halo  
leafspots-marg  
leafspot-size  
leaf-shread  
leaf-malf  
leaf-mild  
stem  
lodging  
stem-cankers  
canker-lesion  
fruiting-bodies  
external-decay  
mycelium  
int-discolor  
sclerotia  
fruit-pods  
fruit-spots  
seed  
mold-growth  
seed-discolor  
seed-size  
shriveling  
roots  
class

Associator model (full training set)

Apriori

Minimum support: 0.8 (546 instances)  
Minimum metric <confidence>: 0.9  
Number of cycles performed: 4

Generated sets of large itemsets:  
Size of set of large itemsets L(1): 6  
Size of set of large itemsets L(2): 6

Status OK Log x 0

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Associator model (full training set)

Apriori

Minimum support: 0.8 (546 instances)  
Minimum metric <confidence>: 0.9  
Number of cycles performed: 4

Generated sets of large itemsets:  
Size of set of large itemsets L(1): 6  
Size of set of large itemsets L(2): 6  
Size of set of large itemsets L(3): 2

Best rules found:

1. int-discolor=none 581 ==> sclerotia=absent 581 conf: (1)
2. mycelium=absent int-discolor=none 575 ==> sclerotia=absent 575 conf: (1)
3. leaves=abnorm sclerotia=absent 548 ==> mycelium=absent 547 conf: (1)
4. sclerotia=absent 625 ==> mycelium=absent 619 conf: (0.99)
5. int-discolor=none 581 ==> mycelium=absent 575 conf: (0.99)
6. int-discolor=none sclerotia=absent 581 ==> mycelium=absent 575 conf: (0.99)
7. int-discolor=none 581 ==> mycelium=absent sclerotia=absent 575 conf: (0.99)
8. leaf-malf=absent 554 ==> mycelium=absent 548 conf: (0.99)
9. mycelium=absent 639 ==> sclerotia=absent 619 conf: (0.97)
10. leaves=abnorm mycelium=absent 567 ==> sclerotia=absent 547 conf: (0.96)

Screenshot captured  
You can paste the image from the clipboard.

Status OK Log x 0