

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Clusterer

ChooseEM -l 100 -N -1 -X 10 -max -1 -ll-cv 1.0E-6 -ll-iter 1.0E-6 -M 1.0E-6 -K 10 -num-slots 1 -S 100

Cluster mode

☒ Use training set

☐ Supplied test set

☐ Percentage split

☐ Classes to clusters evaluation

☒ Store clusters for visualization

Set...

% 66

(Nom) Comments

Ignore attributes

Start

Stop

Result list (right-click for options)

00:09:20 - SimpleKMeans

00:09:29 - EM

Clusterer output

| | | | | | | |
|--|---------|---------|--------|---------|---------|---------|
| Accident backup from Hamilton to 407 ramp | 1.9998 | 1 | 1 | 1 | 1.0002 | 1 |
| Raining | 1 | 1 | 1 | 1.0016 | 1 | 1.9984 |
| Back to school traffic? | 2 | 1 | 1 | 1 | 1 | 1 |
| Took 407 all the way (to McMaster) | 1 | 1 | 1 | 1 | 1 | 2 |
| Heavy volume on Derry | 1 | 2 | 1 | 1 | 1 | 1 |
| Start early to run a batch | 1 | 1 | 1 | 2 | 1 | 1 |
| Accident at 403/highway 6; detour along Dundas | 1 | 1 | 1 | 1 | 1 | 2 |
| Detour taken | 1 | 2 | 1 | 1 | 1 | 1 |
| Must be Friday | 1 | 1 | 1 | 1.0006 | 1 | 1.9994 |
| Medium amount of rain | 1 | 2 | 1 | 1 | 1 | 1 |
| New tires | 1 | 1.02 | 1 | 1 | 1 | 1.98 |
| Turn around on Derry | 1 | 2 | 1 | 1 | 1 | 1 |
| Empty roads | 1 | 1 | 1.9998 | 1 | 1 | 1.0002 |
| Police slowdown on 403 | 1 | 1 | 1 | 2 | 1 | 1 |
| Accident blocked 407 exit | 50.0789 | 78.0107 | 62.706 | 29.9962 | 76.9741 | 39.2341 |
| [total] | | | | | | |

Time taken to build model (full training data) : 3.3 seconds

=== Model and evaluation on training set ===

Clustered Instances

028 (14%)

157 (28%)

240 (20%)

38 (4%)

455 (27%)

517 (8%)

Log likelihood: -29.06205

Status

OK

Log

x 0