Table withValid options for EvaluatePrequential:

|  |  |
| --- | --- |
| -l | learner (default: moa.classifiers.bayes.NaiveBayes). Learner to train. |
| -s | stream (default: generators.RandomTreeGenerator). Stream to learn from. |
| -e | evaluator (default: WindowClassificationPerformanceEvaluator)  Classification performance evaluation method. |
| -i | instanceLimit (default: 100000000)  Maximum number of instances to test/train on (-1 = no limit). |
| -t | timeLimit (default: -1)  Maximum number of seconds to test/train for (-1 = no limit). |
| -f | sampleFrequency (default: 100000)  How many instances between samples of the learning performance. |
| -q | memCheckFrequency (default: 100000)  How many instances between memory bound checks. |
| -d | dumpFile  File to append intermediate csv results to. |
| -o | outputPredictionFile  File to append output predictions to. |
| -w | width (default: 1000)  Size of Window |
| -a | alpha (default: 0.01)  Fading factor or exponential smoothing factor |
| -O | taskResultFile  File to save the final result of the task to. |

Table for Valid options for meta.Melanie:

|  |  |
| --- | --- |
| -b | baseLearner (default: meta.OzaBoost)  OnlineBoosting Classifier to train. |
| -d | driftDetectionMethod (default: DDM)  Drift detection method to use. |
| -t | theta (default: 0.9)  Minimum fraction of weight per model. |
| -l | lamda (default: 0.05)  Minimum fraction of weight per model. |
| -a | accuracy (default: 0.5)  Minimum fraction of weight per model. |
| -i | instanceSize (default: 1000)  The number of instances. |
| -w | slidewindowoption  Boost with weights only; no poisson. |
| -c | conceptPosition (default: 1000)  The position of concept drift. |
| -s | slidewindowsize (default: 1000)  Slide Window Size. |
| -u | runTimes (default: 1000)  The times. |
| -f | outputFile  Destination ARFF file. |

Table for Valid options for meta.OzaBag:

|  |  |
| --- | --- |
| -l | baseLearner (default: trees.HoeffdingTree)  Classifier to train. |
| -s | ensembleSize (default: 10)  The number of models in the bag. |

Valid options for meta.OzaBagByDu:

|  |  |
| --- | --- |
| -l | baseLearner (default: trees.HoeffdingTree)  Classifier to train. |
| -e | ensembleSize (default: 10)  The number of models in the bag. |
| -r | randomSeed (default: 1)  The random seed for poisson. |
| -i | instanceSize (default: 1000)  The number of instances. |
| -w | slidewindowoption  Boost with weights only; no poisson. |
| -c | conceptPosition (default: 1000)  The position of concept drift. |
| -s | slidewindowsize (default: 1000)  Slide Window Size. |
| -u | runTimes (default: 1000)  The times. |
| -f | outputFile  Destination ARFF file. |