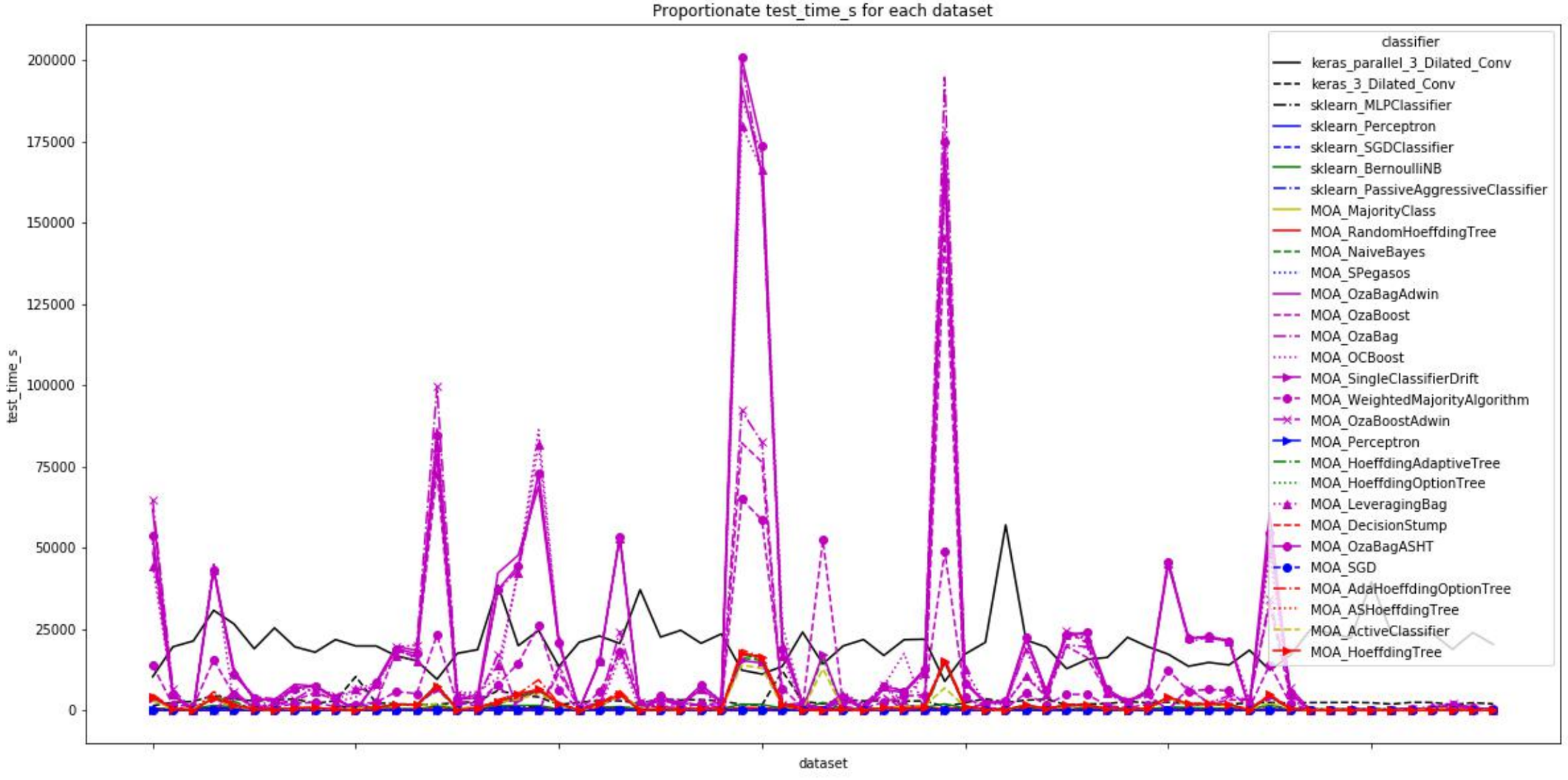
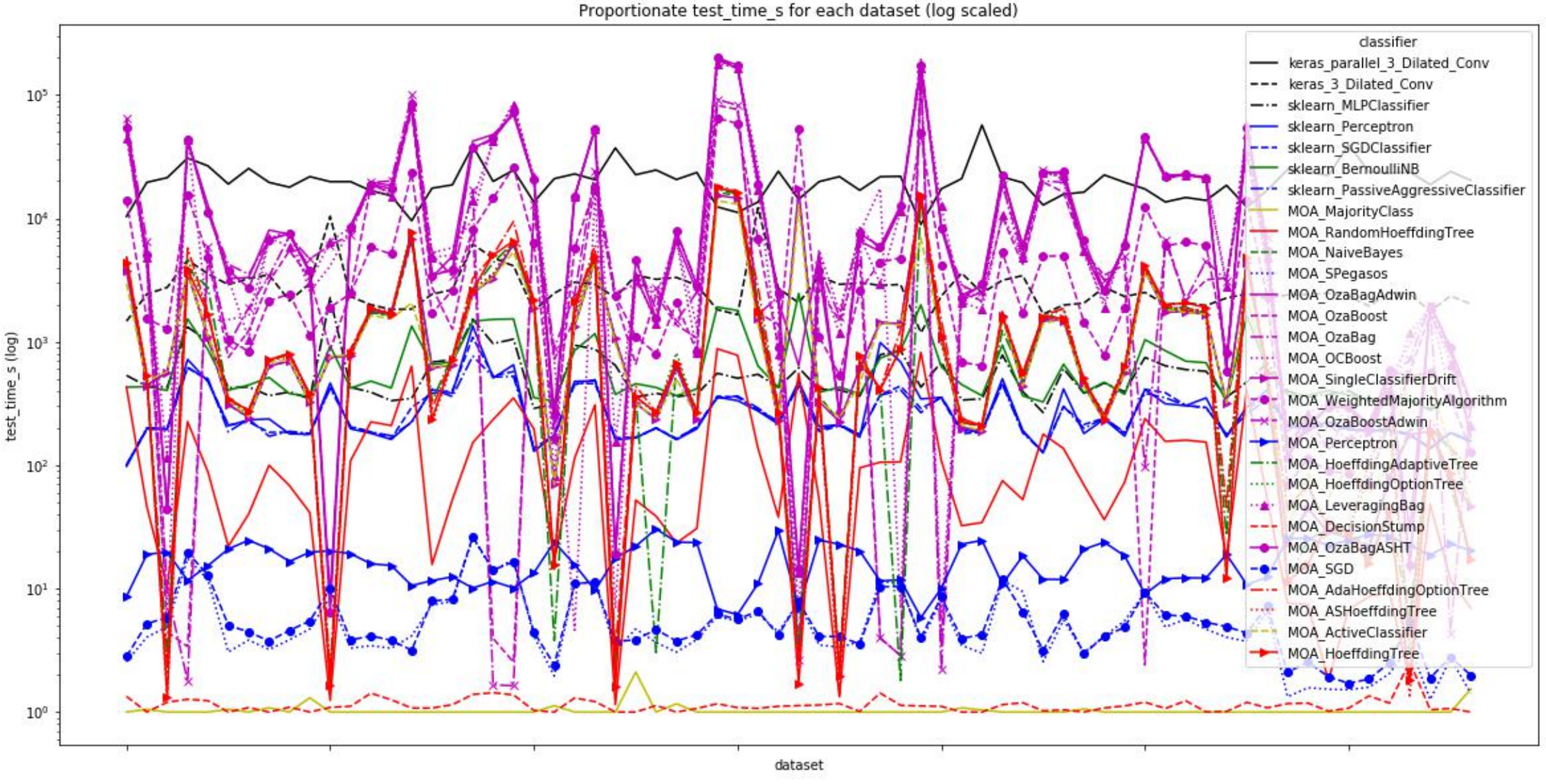
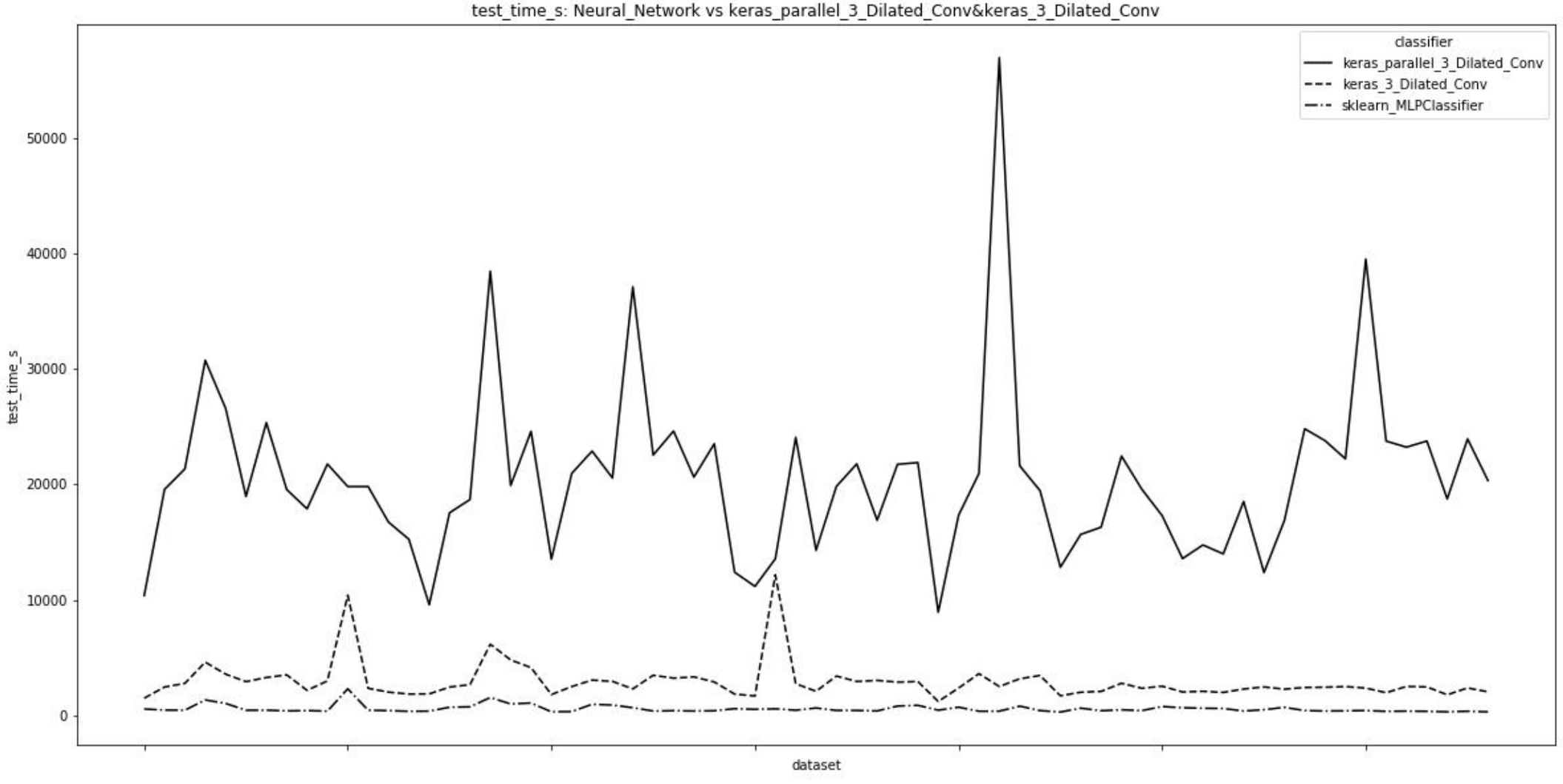
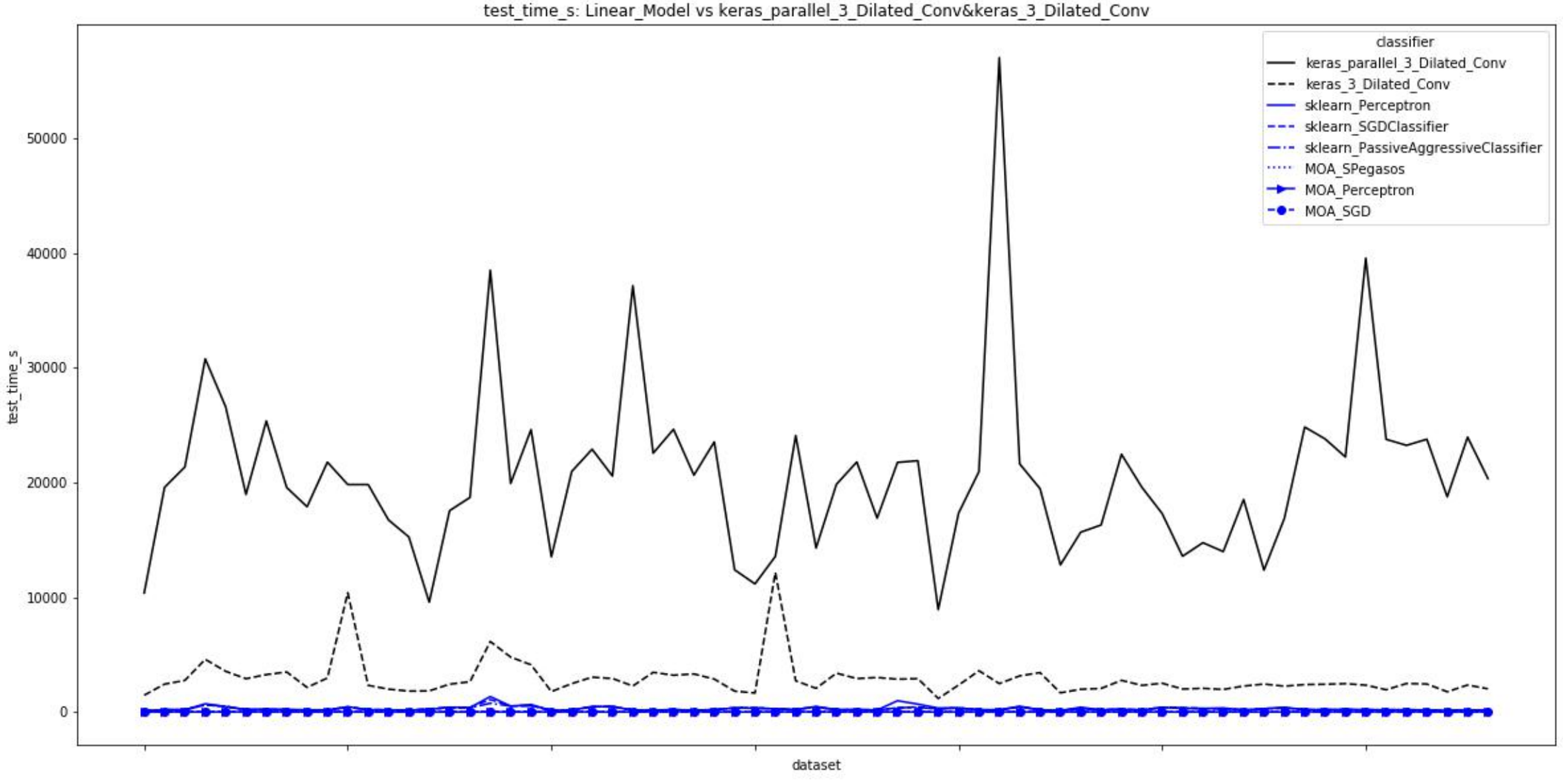
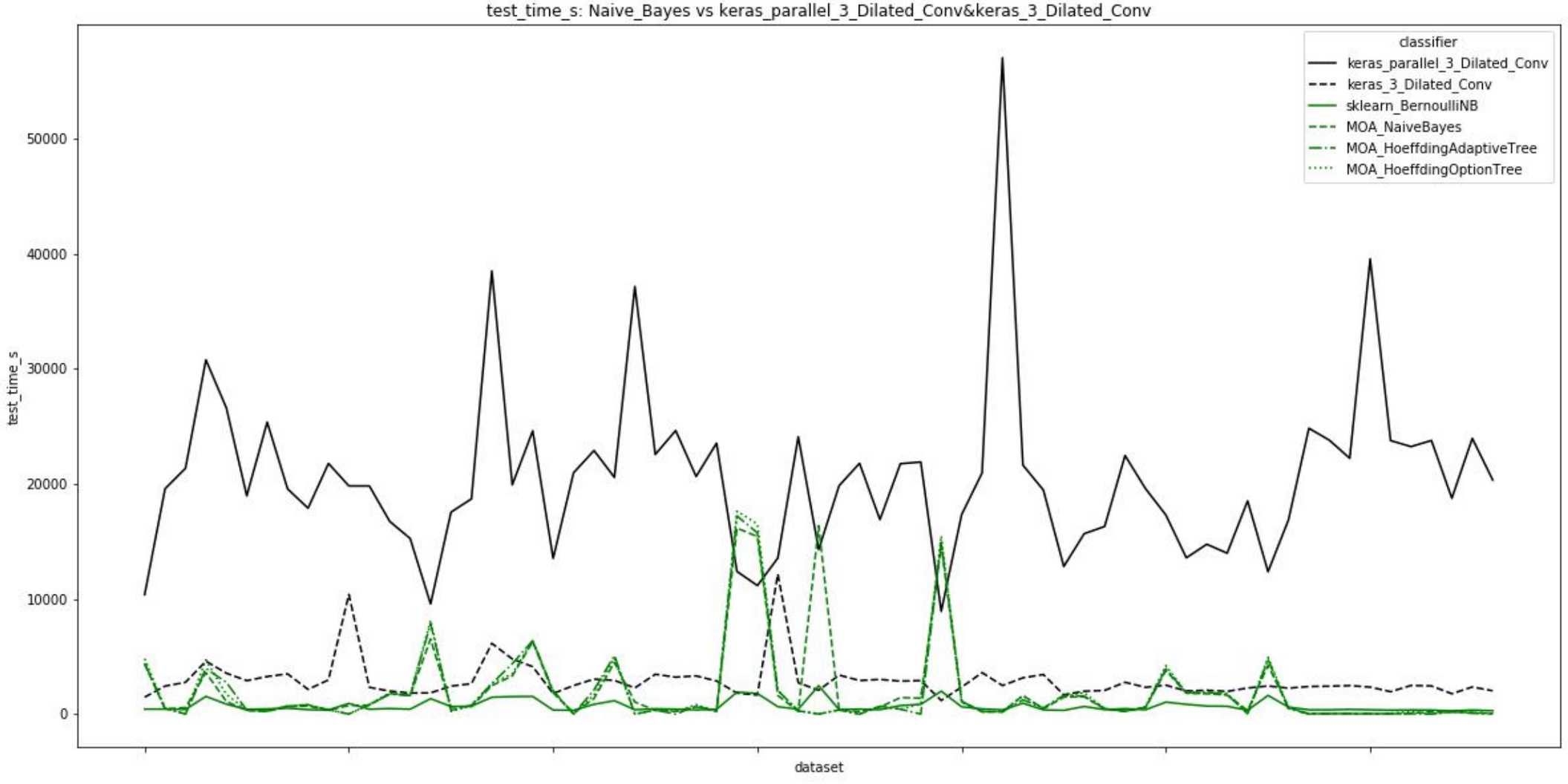
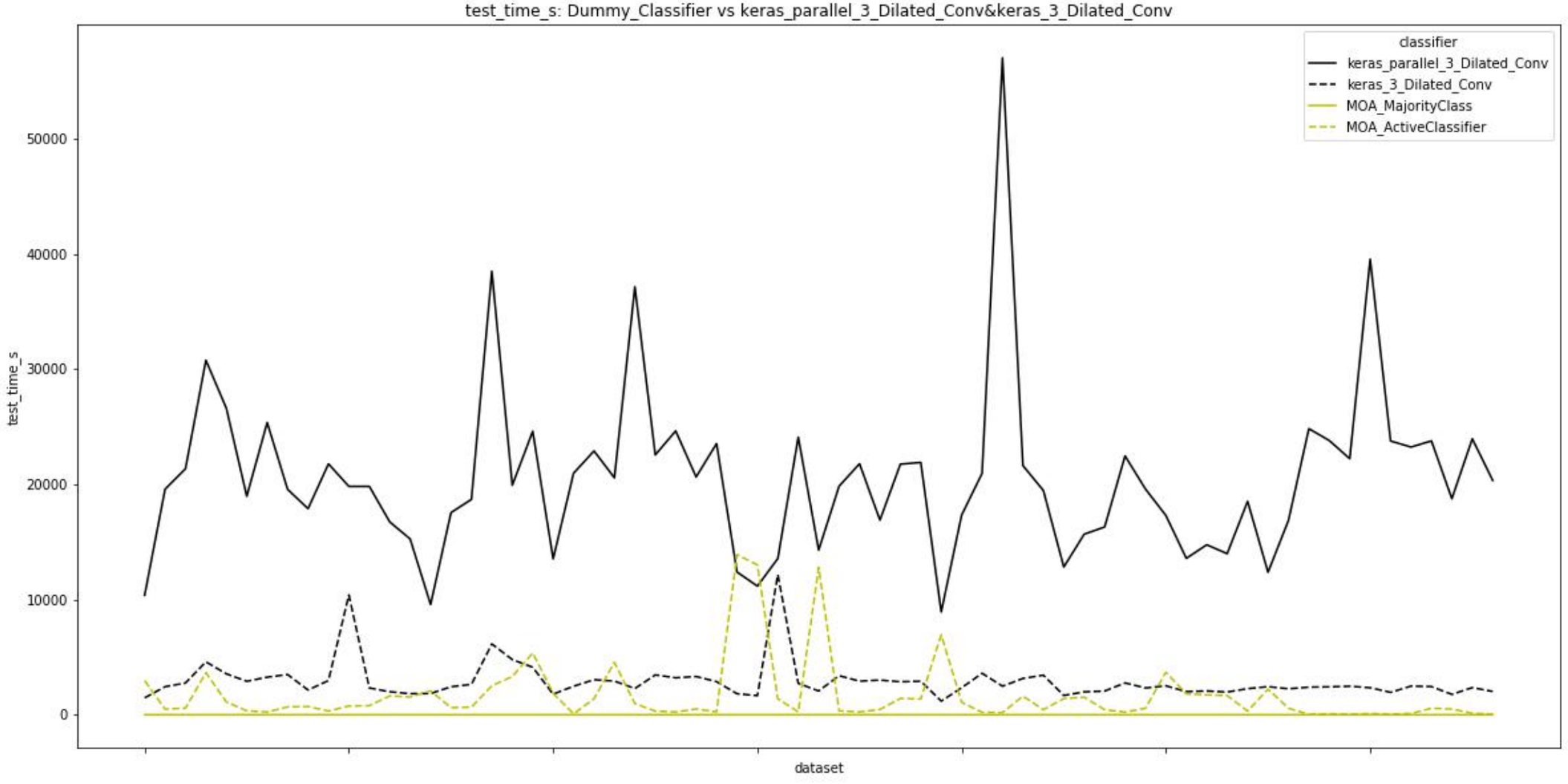

Proportionate test_time_s for each dataset
test_time_s
dataset
0
25000
50000
75000
100000
125000
150000
175000
200000
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_SingleClassifierDrift
MOA_WeightedMajorityAlgorithm
MOA_OzaBoostAdwin
MOA_Perceptron
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
MOA_LeveragingBag
MOA_DecisionStump
MOA_OzaBagASHT
MOA_SGD
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_ActiveClassifier
MOA_HoeffdingTree

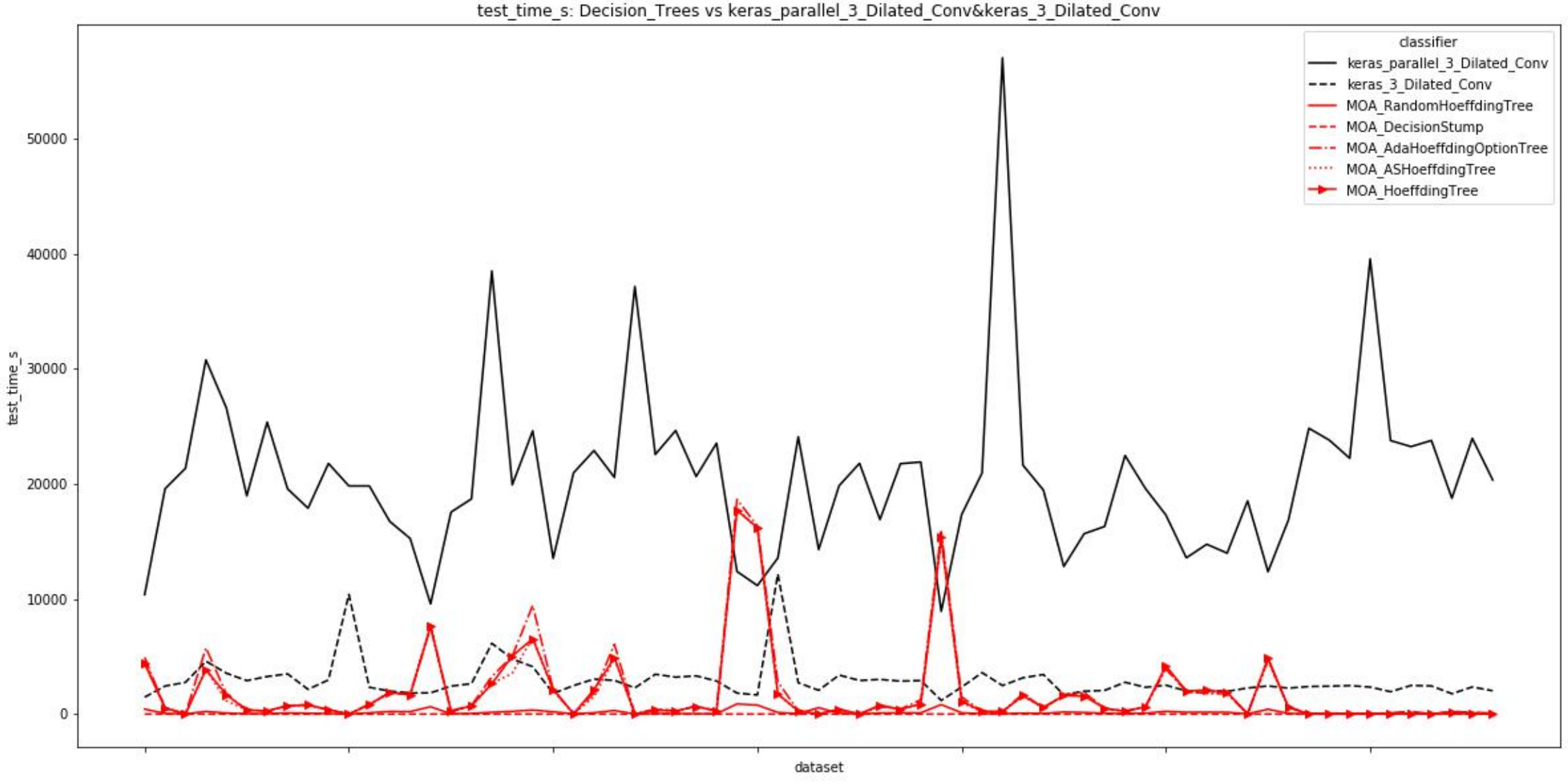

Proportionate test_time_s for each dataset (log scaled)
test_time_s (log)
dataset
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_SingleClassifierDrift
MOA_WeightedMajorityAlgorithm
MOA_OzaBoostAdwin
MOA_Perceptron
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
MOA_LeveragingBag
MOA_DecisionStump
MOA_OzaBagASHT
MOA_SGD
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_ActiveClassifier
MOA_HoeffdingTree

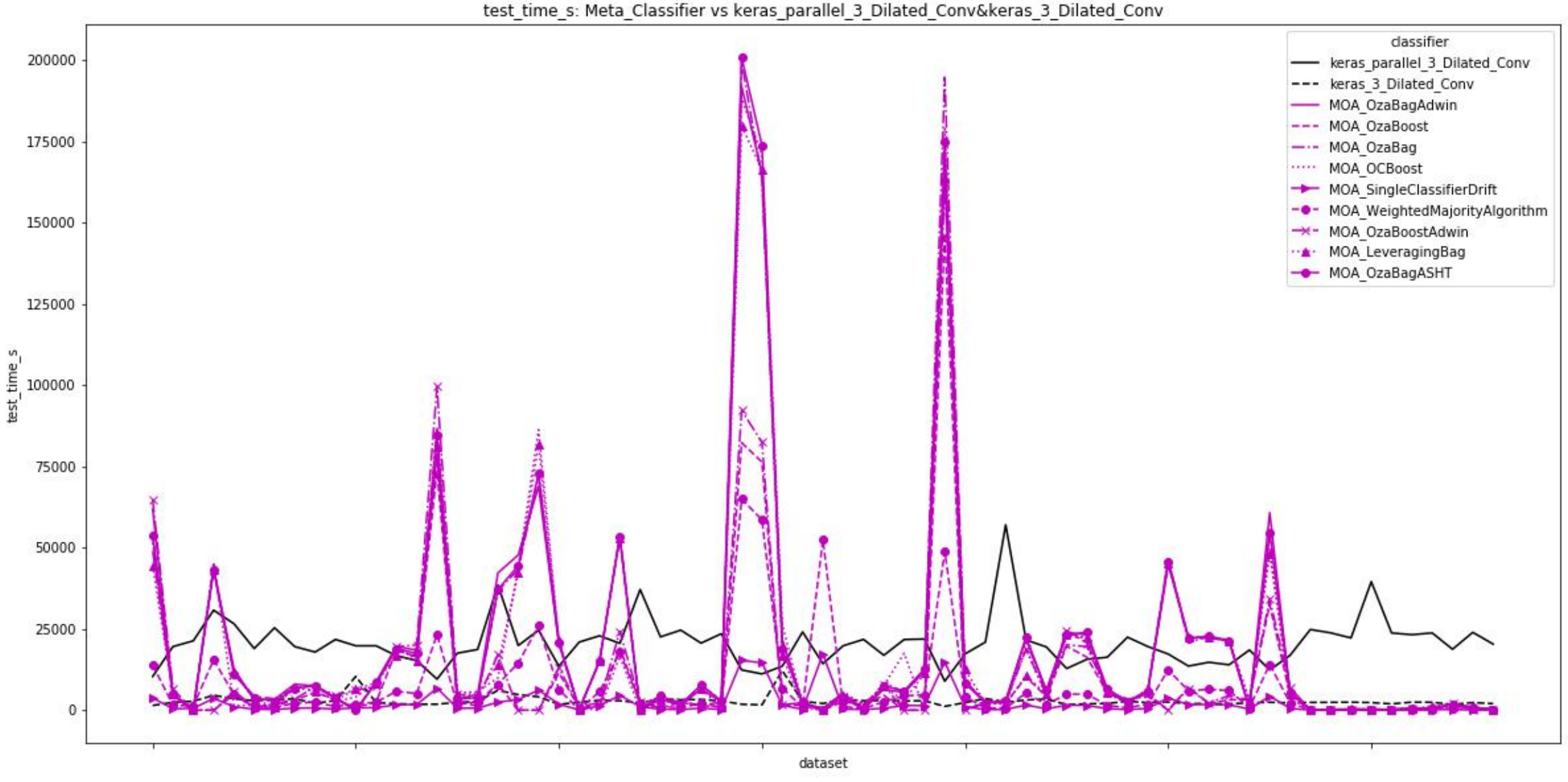

test_time_s: Neural_Network vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
50000
40000
30000
20000
10000
0
test_time_s
dataset

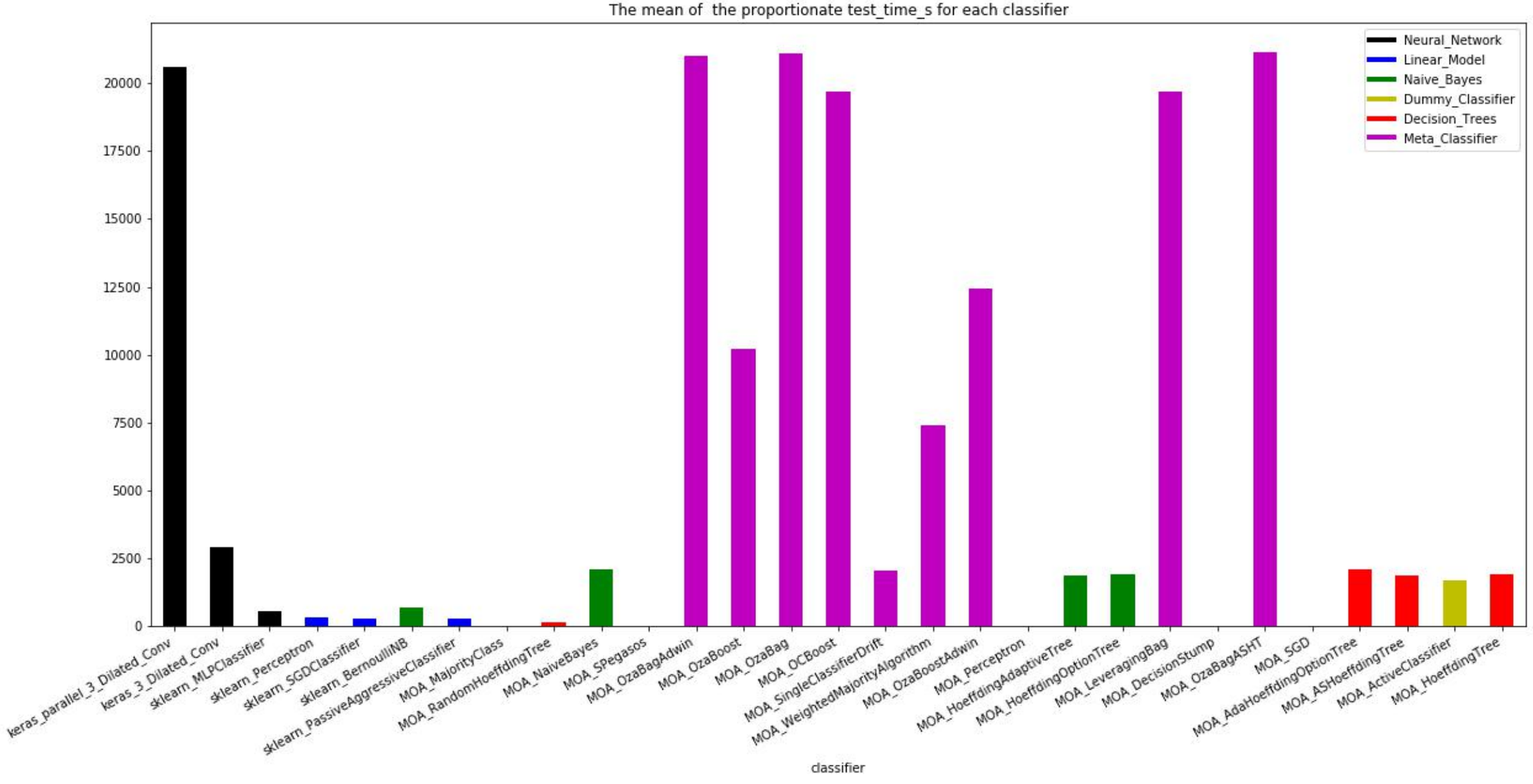

test_time_s: Linear_Model vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_PassiveAggressiveClassifier
MOA_SPegasos
MOA_Perceptron
MOA_SGD
test_time_s
50000
40000
30000
20000
10000
0
dataset

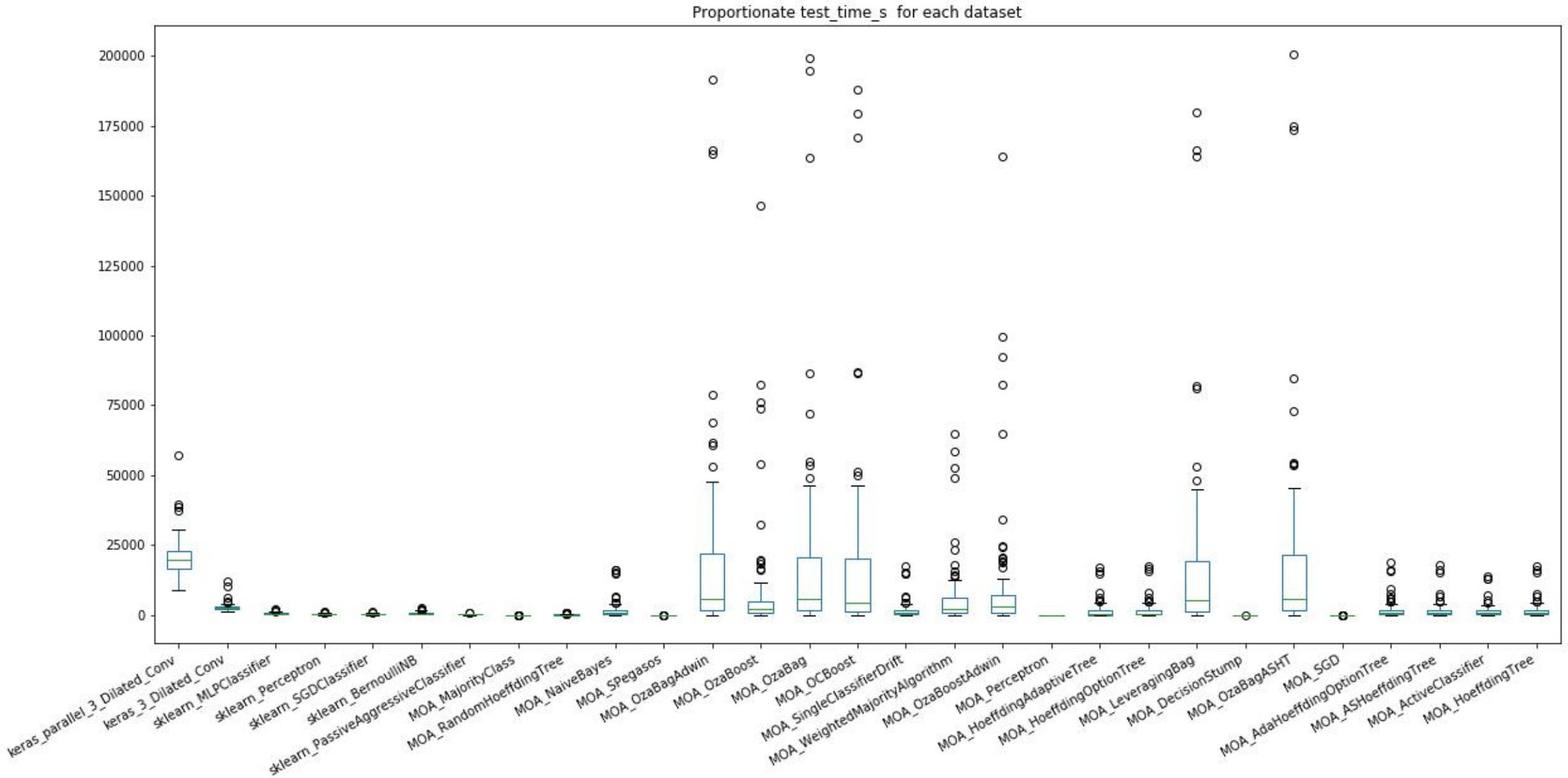

test_time_s: Naive_Bayes vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_BernoulliNB
MOA_NaiveBayes
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
test_time_s
50000
40000
30000
20000
10000
0
dataset


test_time_s: Dummy_Classifier vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
MOA_MajorityClass
MOA_ActiveClassifier
test_time_s
50000
40000
30000
20000
10000
0
dataset


test_time_s: Decision_Trees vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
MOA_RandomHoeffdingTree
MOA_DecisionStump
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_HoeffdingTree
test_time_s
50000
40000
30000
20000
10000
0
dataset


test_time_s: Meta_Classifier vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_SingleClassifierDrift
MOA_WeightedMajorityAlgorithm
MOA_OzaBoostAdwin
MOA_LeveragingBag
MOA_OzaBagASHT
test_time_s
200000
175000
150000
125000
100000
75000
50000
25000
0
dataset


The mean of the proportionate test_time_s for each classifier
Neural_Network
Linear_Model
Naive_Bayes
Dummy_Classifier
Decision_Trees
Meta_Classifier
20000
17500
15000
12500
10000
7500
5000
2500
0
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_SingleClassifierDrift
MOA_WeightedMajorityAlgorithm
MOA_OzaBoostAdwin
MOA_Perceptron
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
MOA_LeveragingBag
MOA_DecisionStump
MOA_OzaBagASHT
MOA_SGD
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_ActiveClassifier
MOA_HoeffdingTree
classifier


Proportionate test_time_s for each dataset
200000
175000
150000
125000
100000
75000
50000
25000
0
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_SingleClassifierDrift
MOA_WeightedMajorityAlgorithm
MOA_OzaBoostAdwin
MOA_Perceptron
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
MOA_LeveragingBag
MOA_DecisionStump
MOA_OzaBagASHT
MOA_SGD
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_ActiveClassifier
MOA_HoeffdingTree