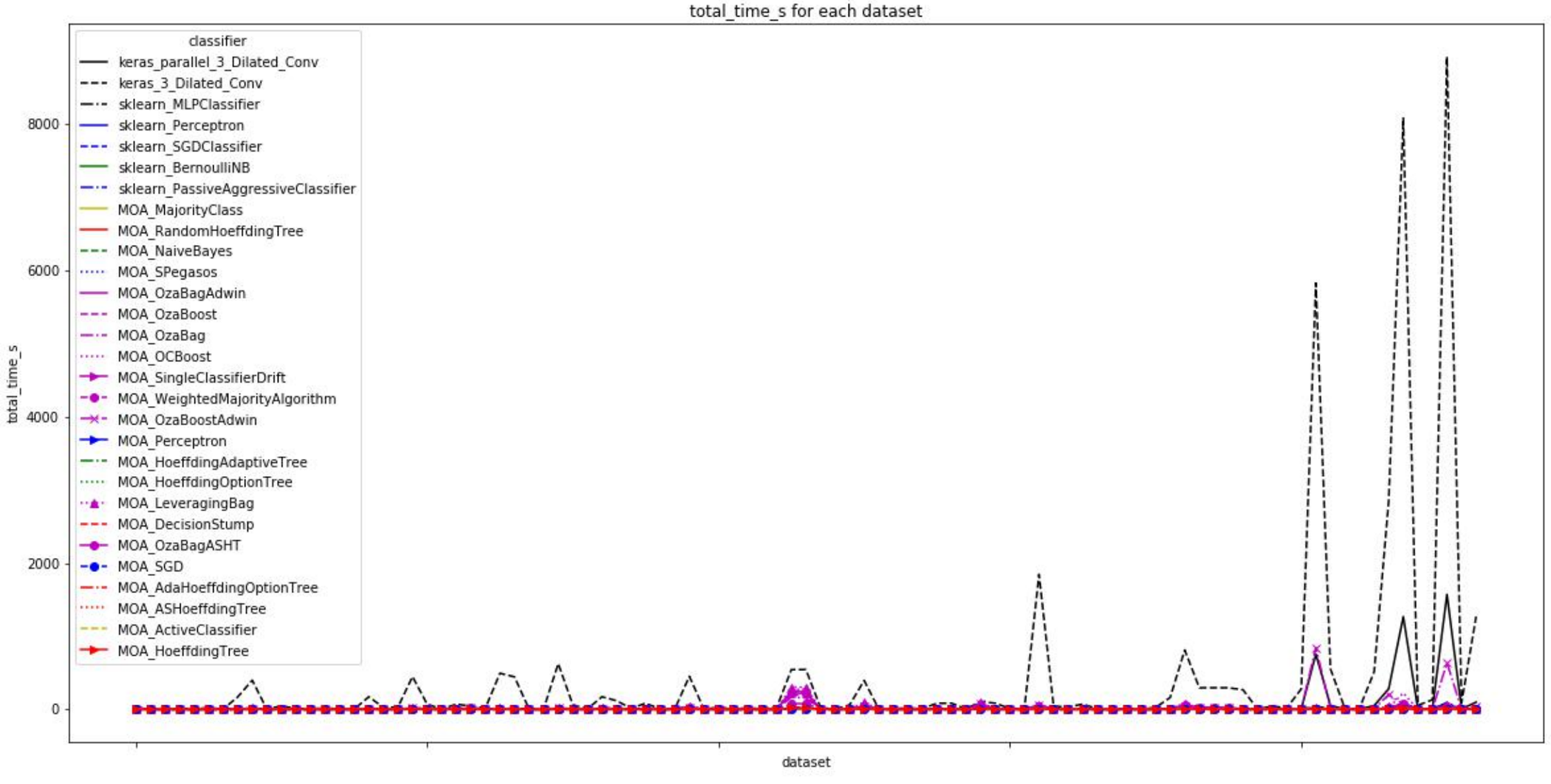
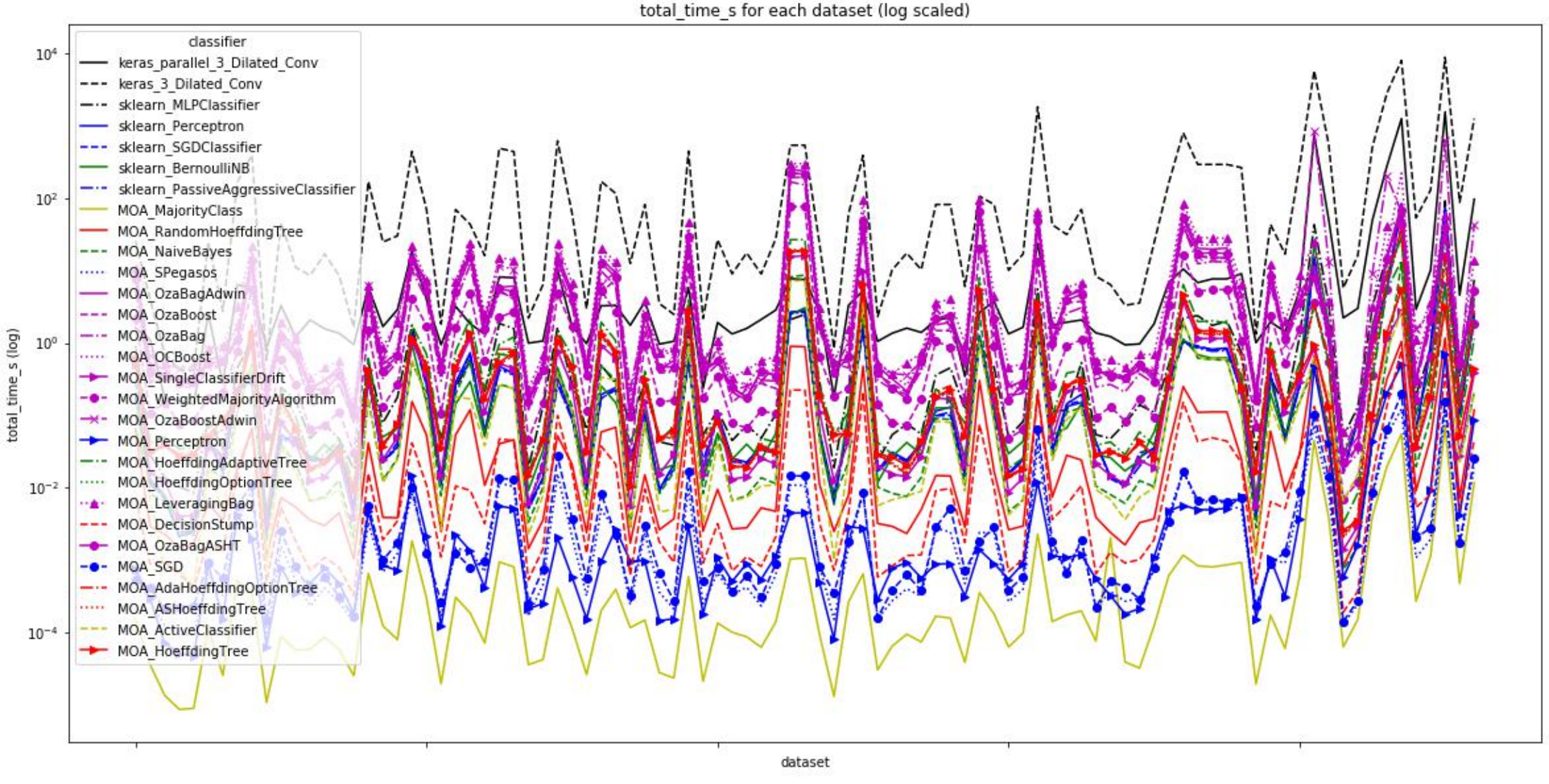
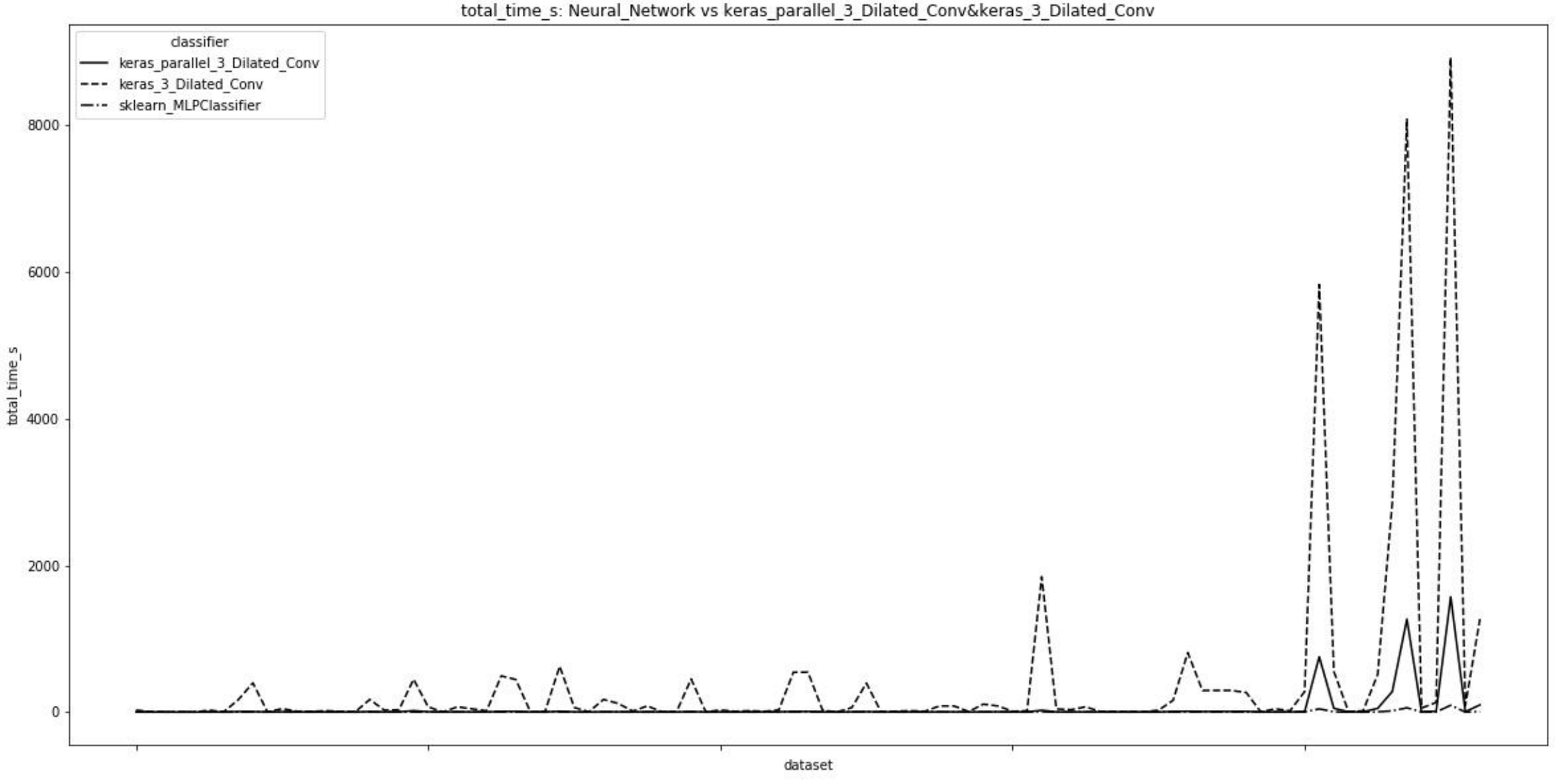
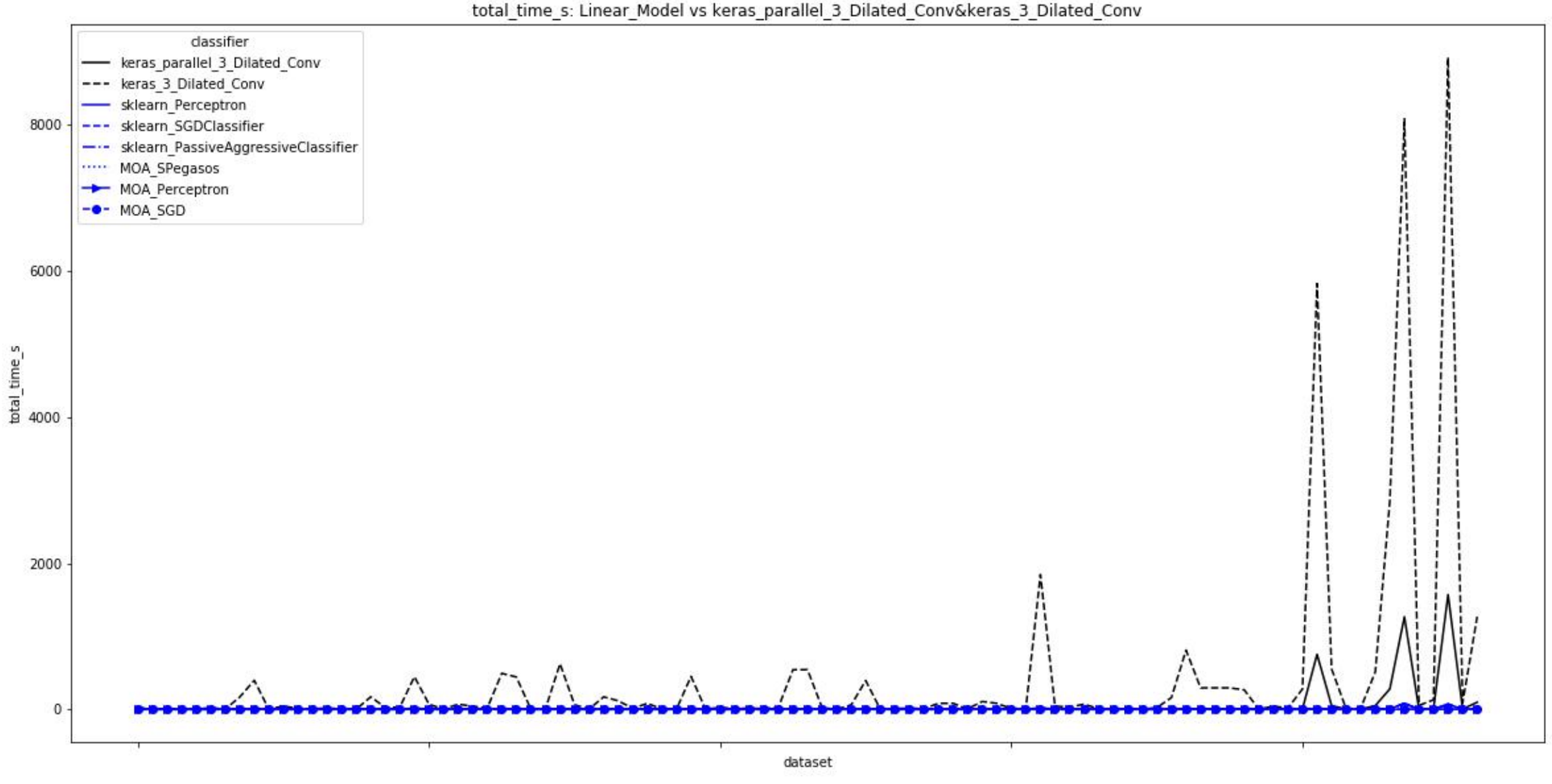
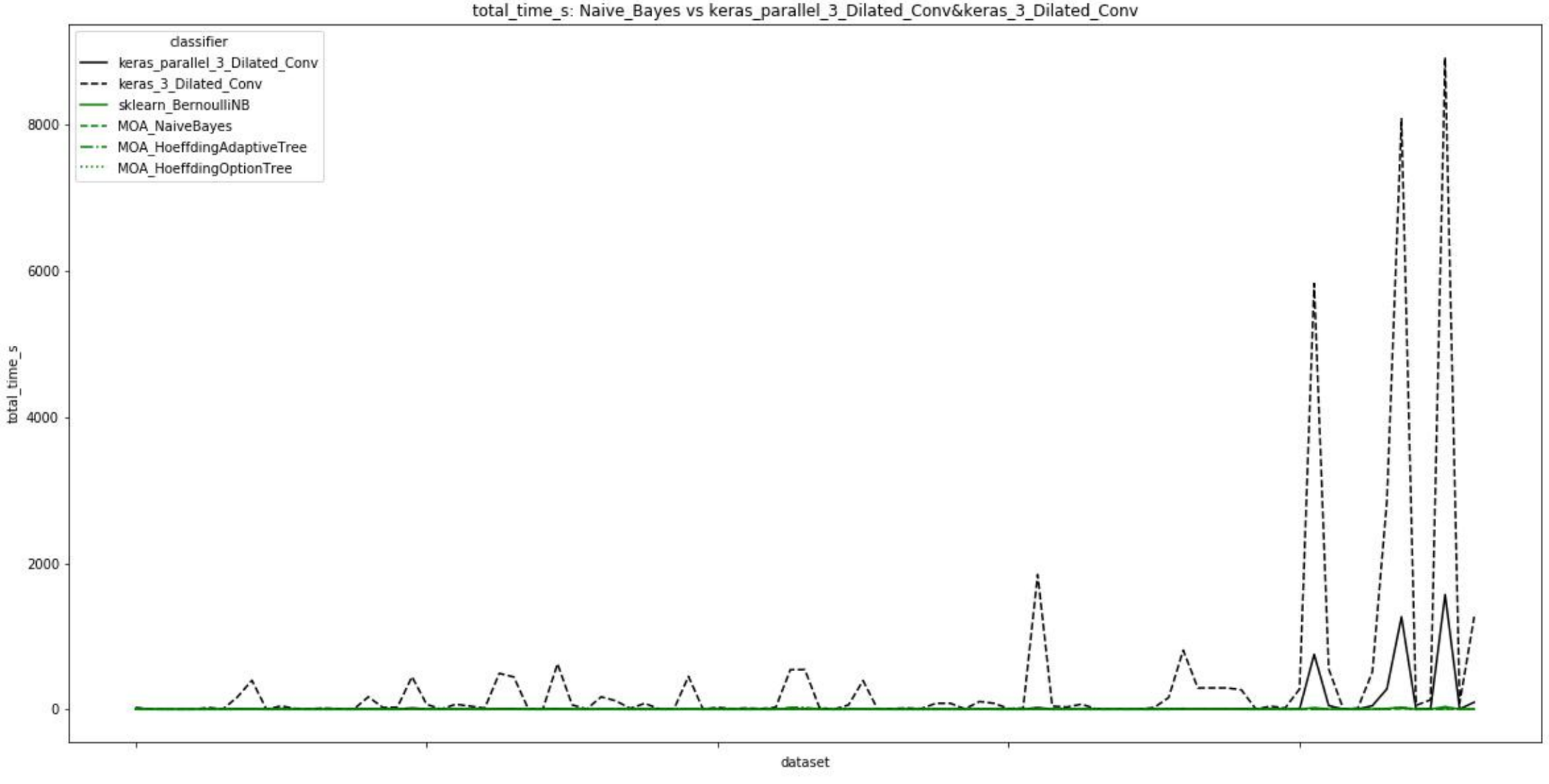
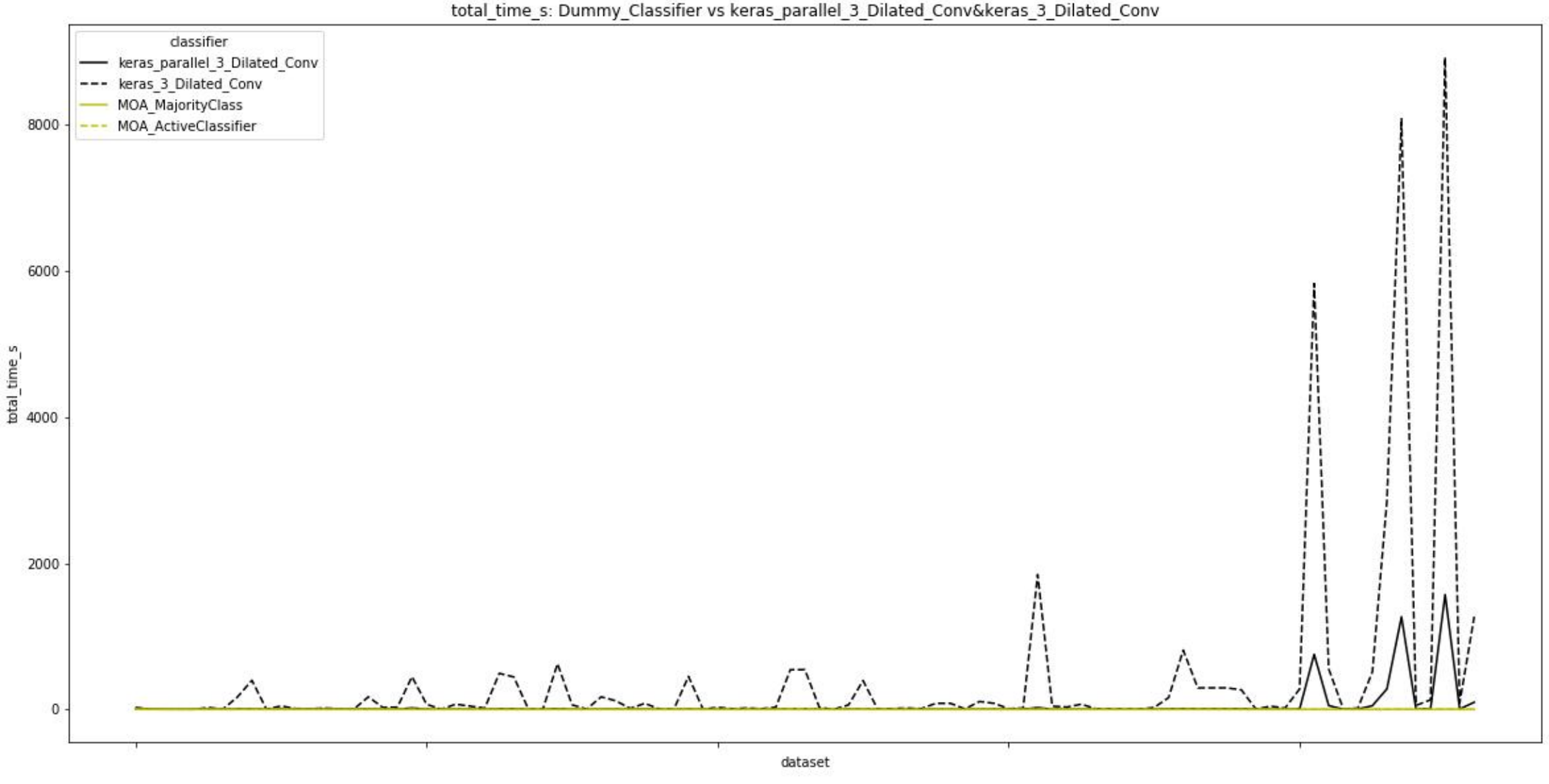

total_time_s for each dataset
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
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
total_time_s
0
2000
4000
6000
8000
dataset

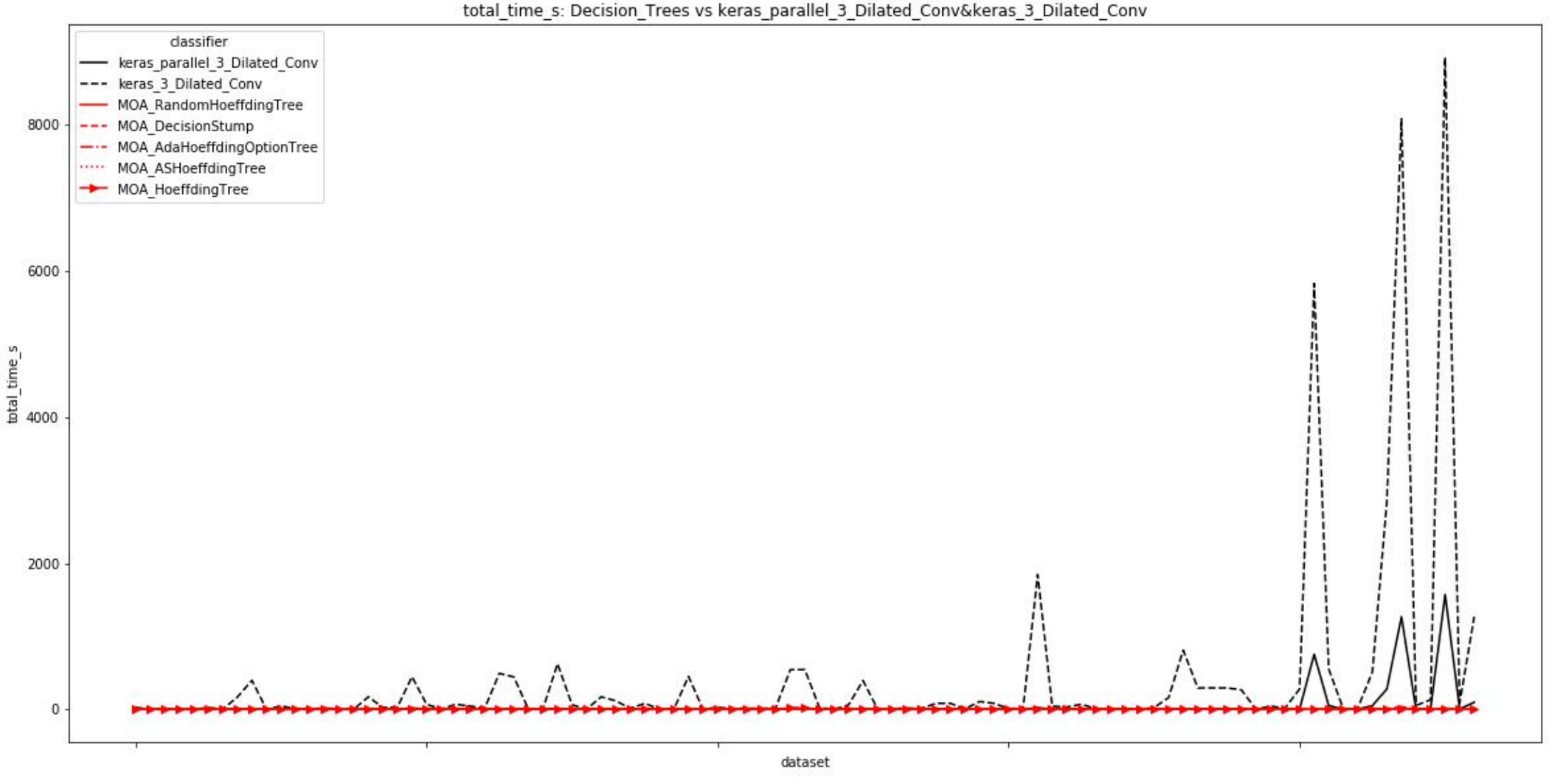

total_time_s for each dataset (log scaled)
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
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
10^{4}
10^{2}
10^{0}
10^{-2}
10^{-4}
total_time_s (log)
dataset

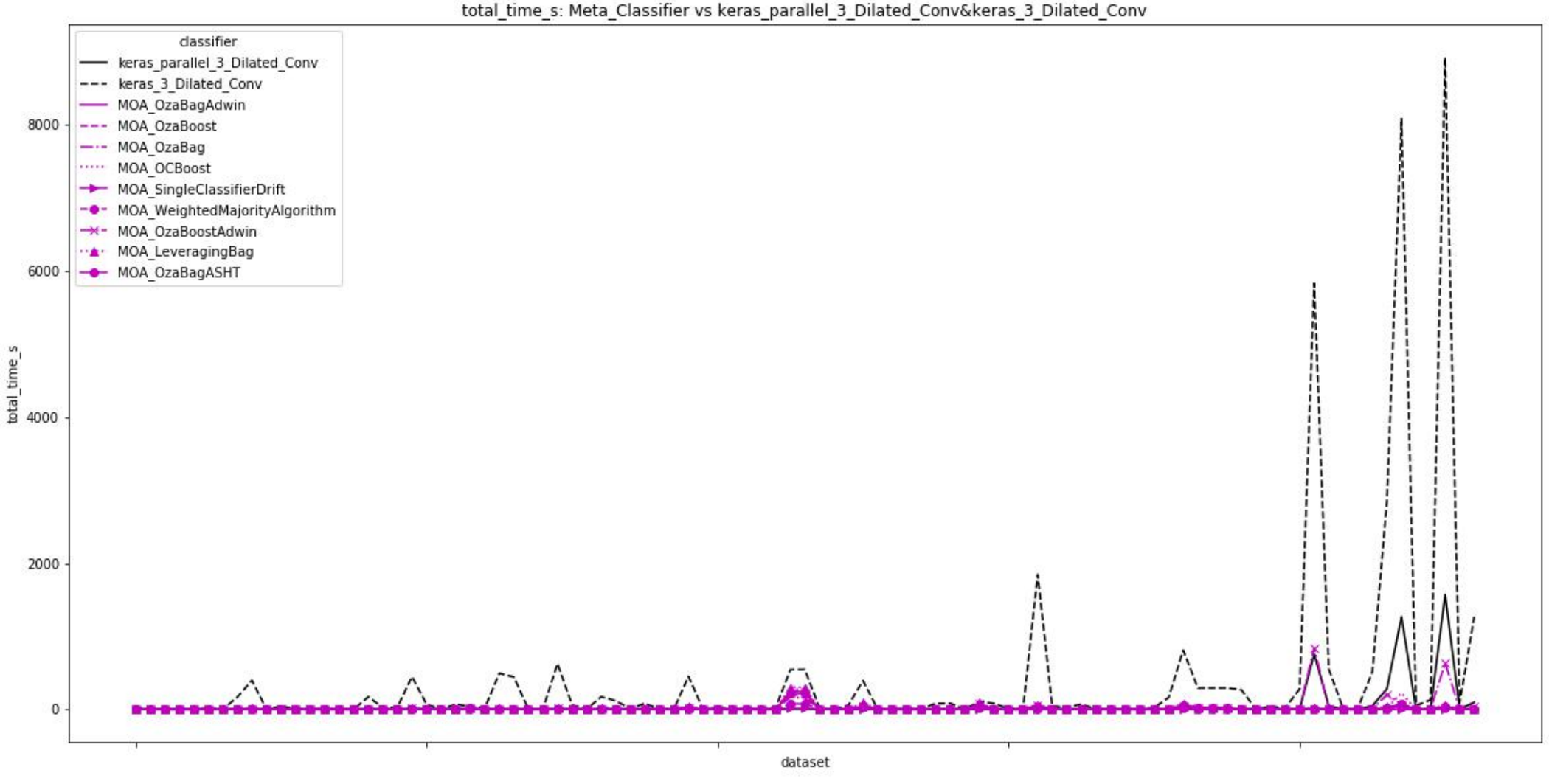

total_time_s: Neural_Network vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
8000
6000
4000
2000
0
total_time_s
dataset

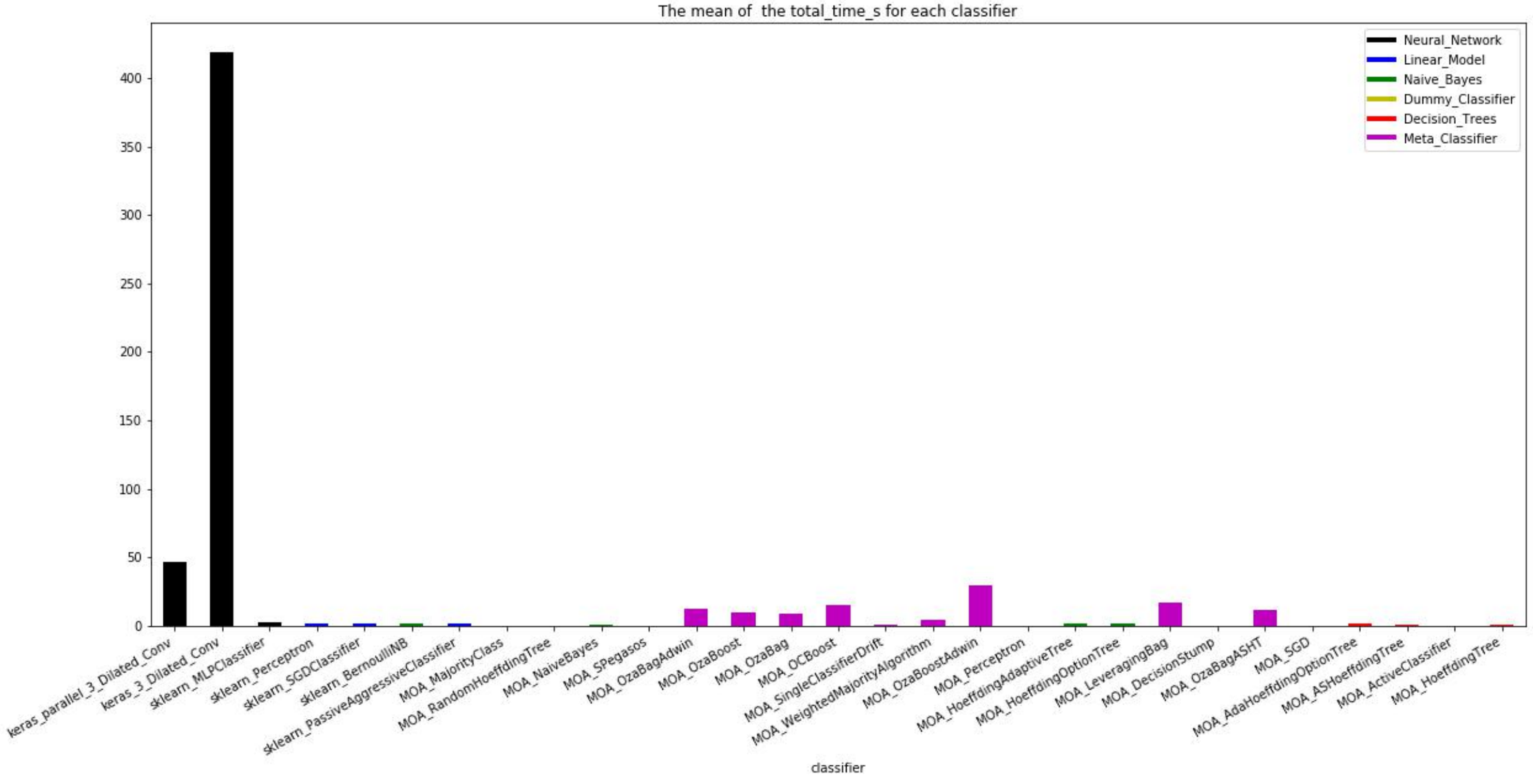

total_time_s: Linear_Model vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_PassiveAggressiveClassifier
MOA_SPegasos
MOA_Perceptron
MOA_SGD
8000
6000
4000
2000
0
total_time_s
dataset

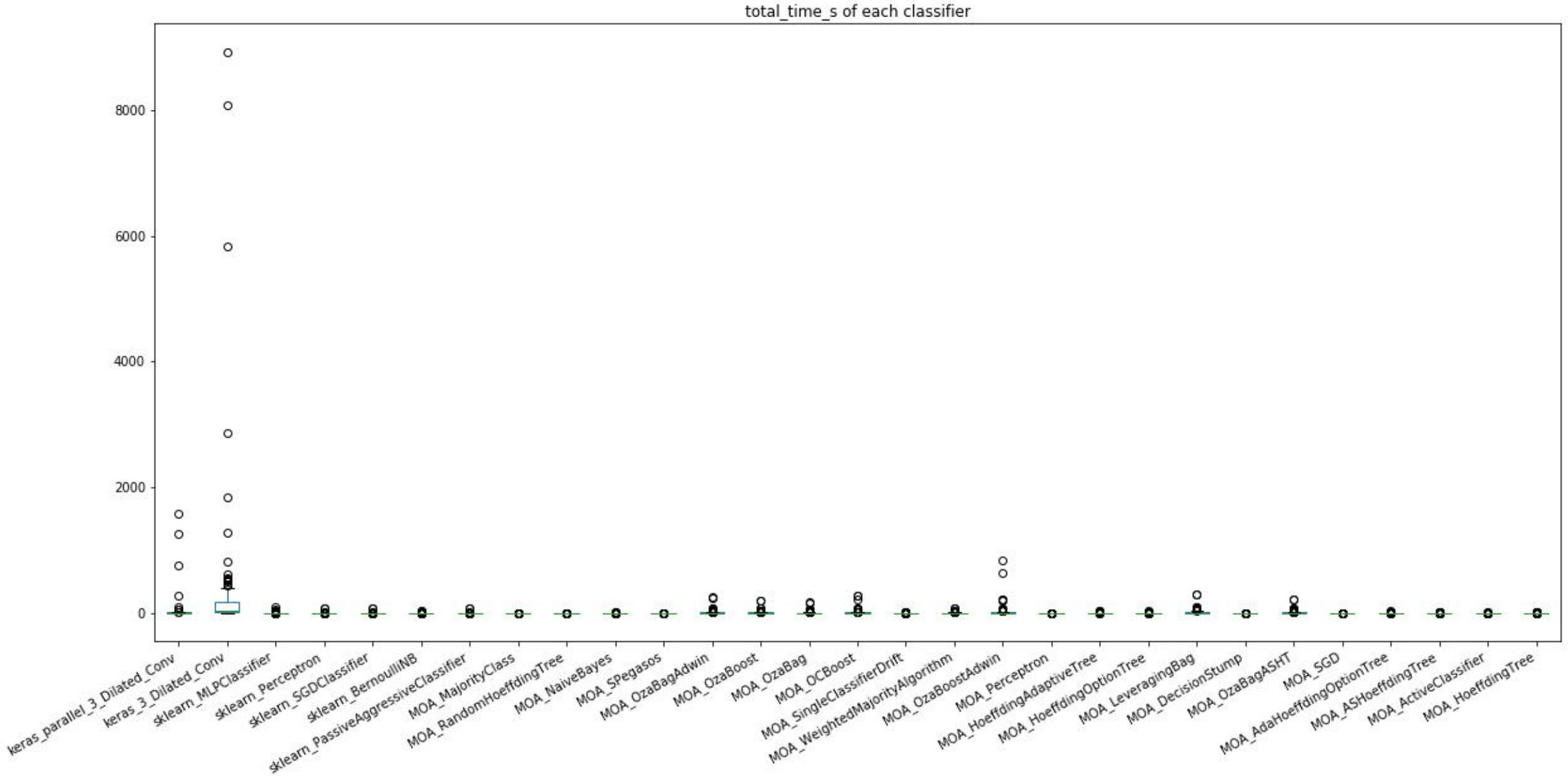

total_time_s: Naive_Bayes vs keras_parallel_3_Dilated_Conv&keras_3_Dilated_Conv
classifier
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_BernoulliNB
MOA_NaiveBayes
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
8000
6000
4000
2000
0
total_time_s
dataset


total_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
8000
6000
4000
2000
0
total_time_s
dataset


total_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
8000
6000
4000
2000
0
total_time_s
dataset


total_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
total_time_s
8000
6000
4000
2000
0
dataset


The mean of the total_time_s for each classifier
Neural_Network
Linear_Model
Naive_Bayes
Dummy_Classifier
Decision_Trees
Meta_Classifier
400
350
300
250
200
150
100
50
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


total_time_s of each classifier
8000
6000
4000
2000
0
keras_parallel_3_Dilated_Conv
keras_3_Dilated_Conv
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
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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