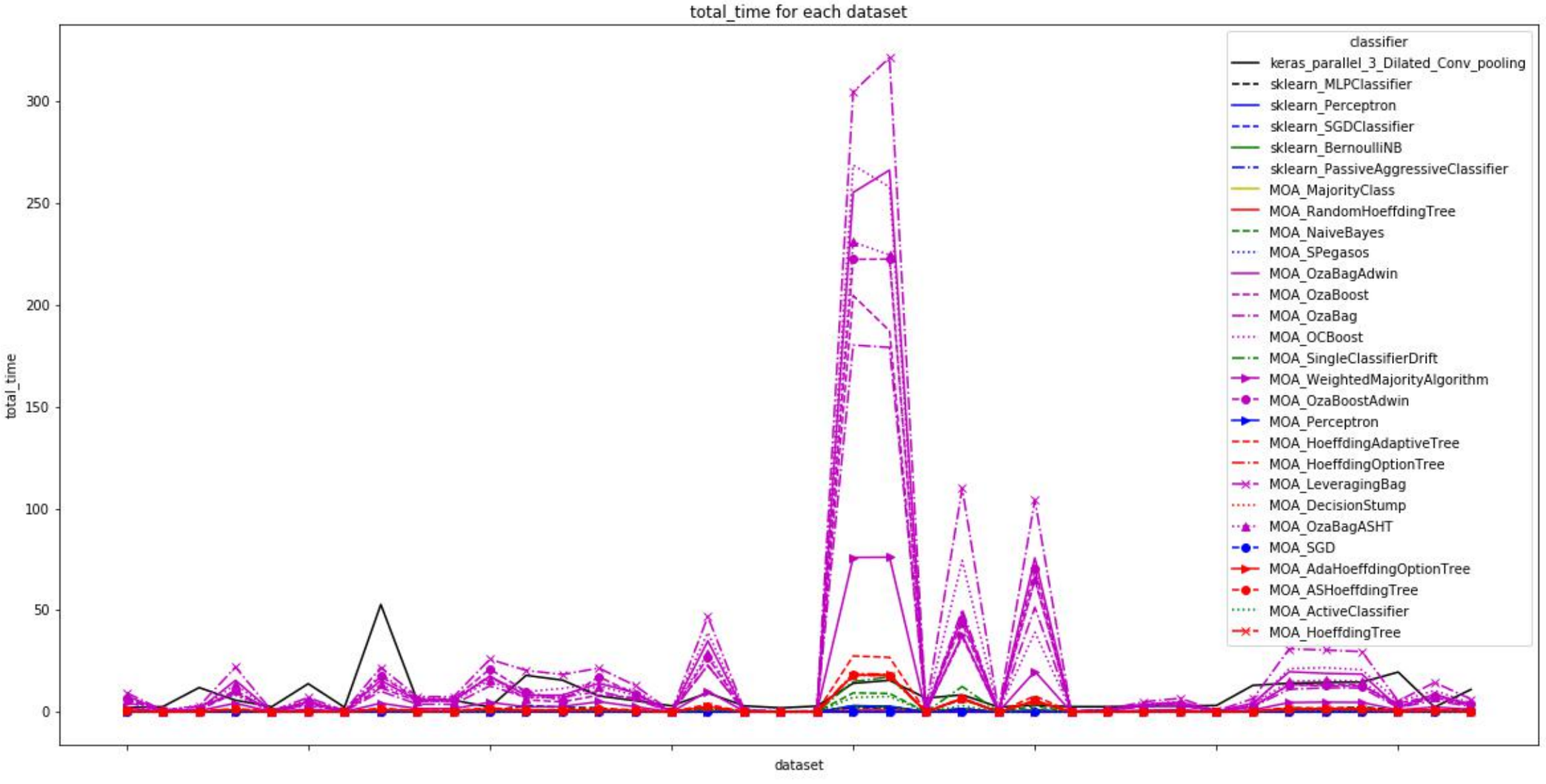
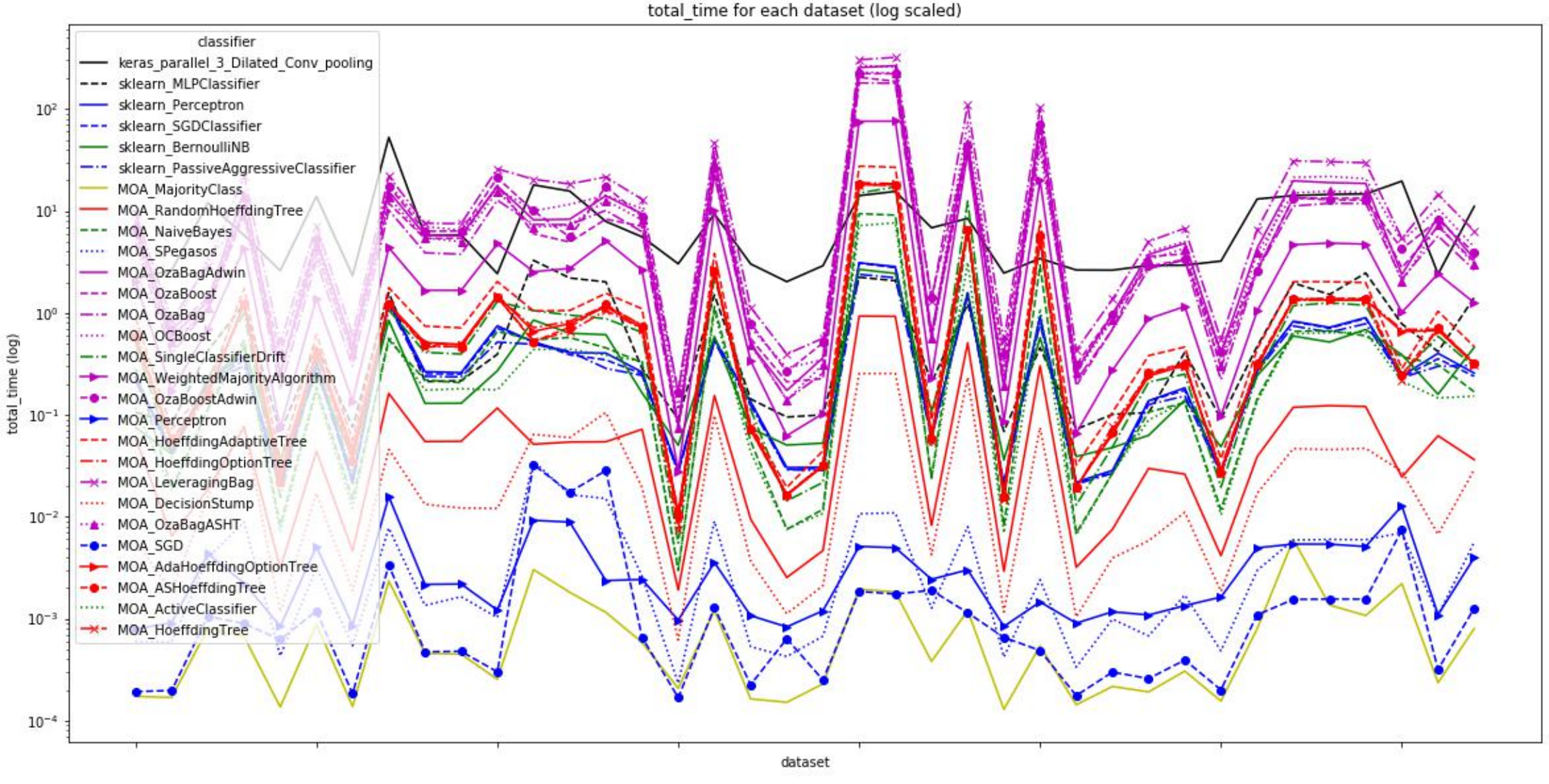
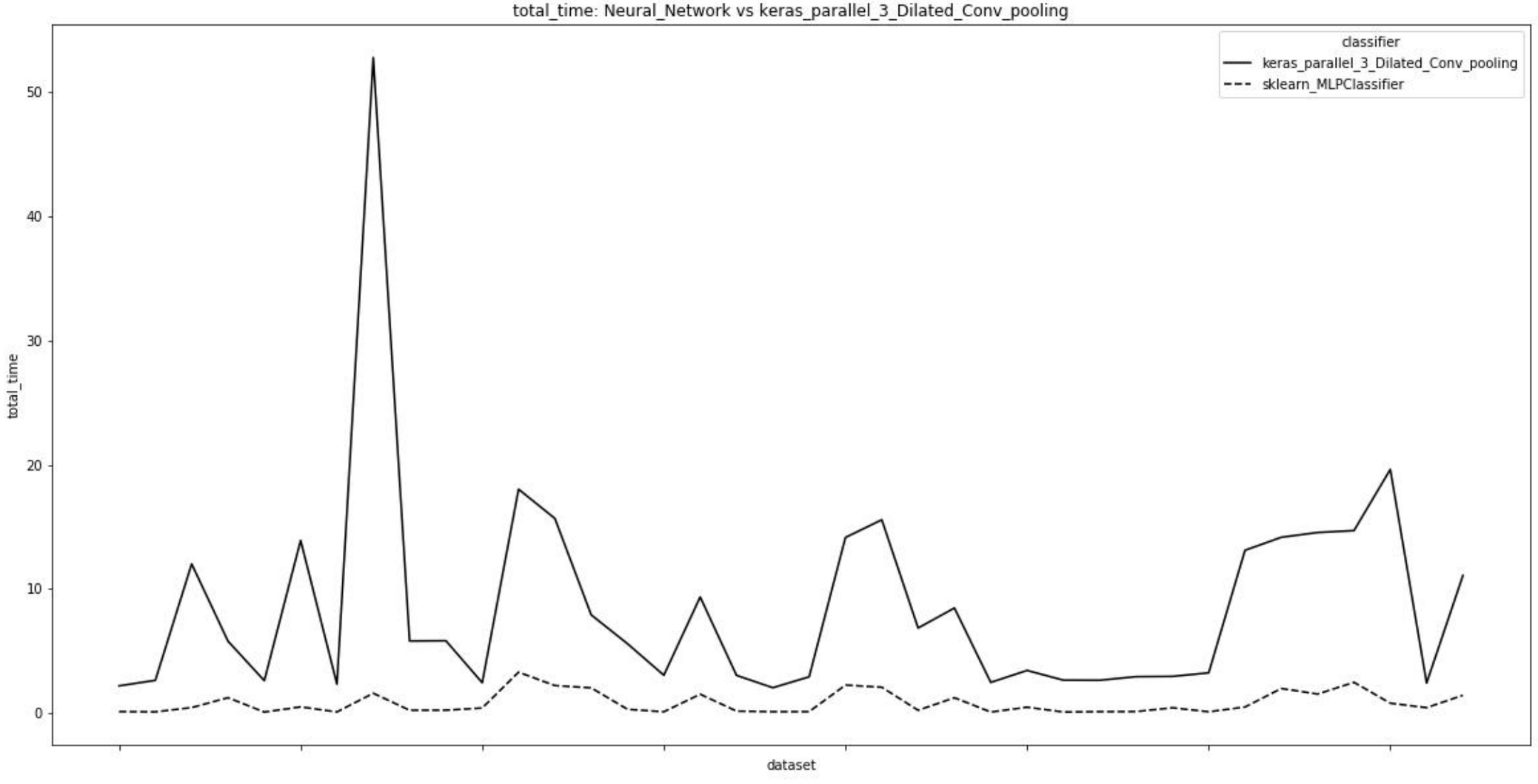
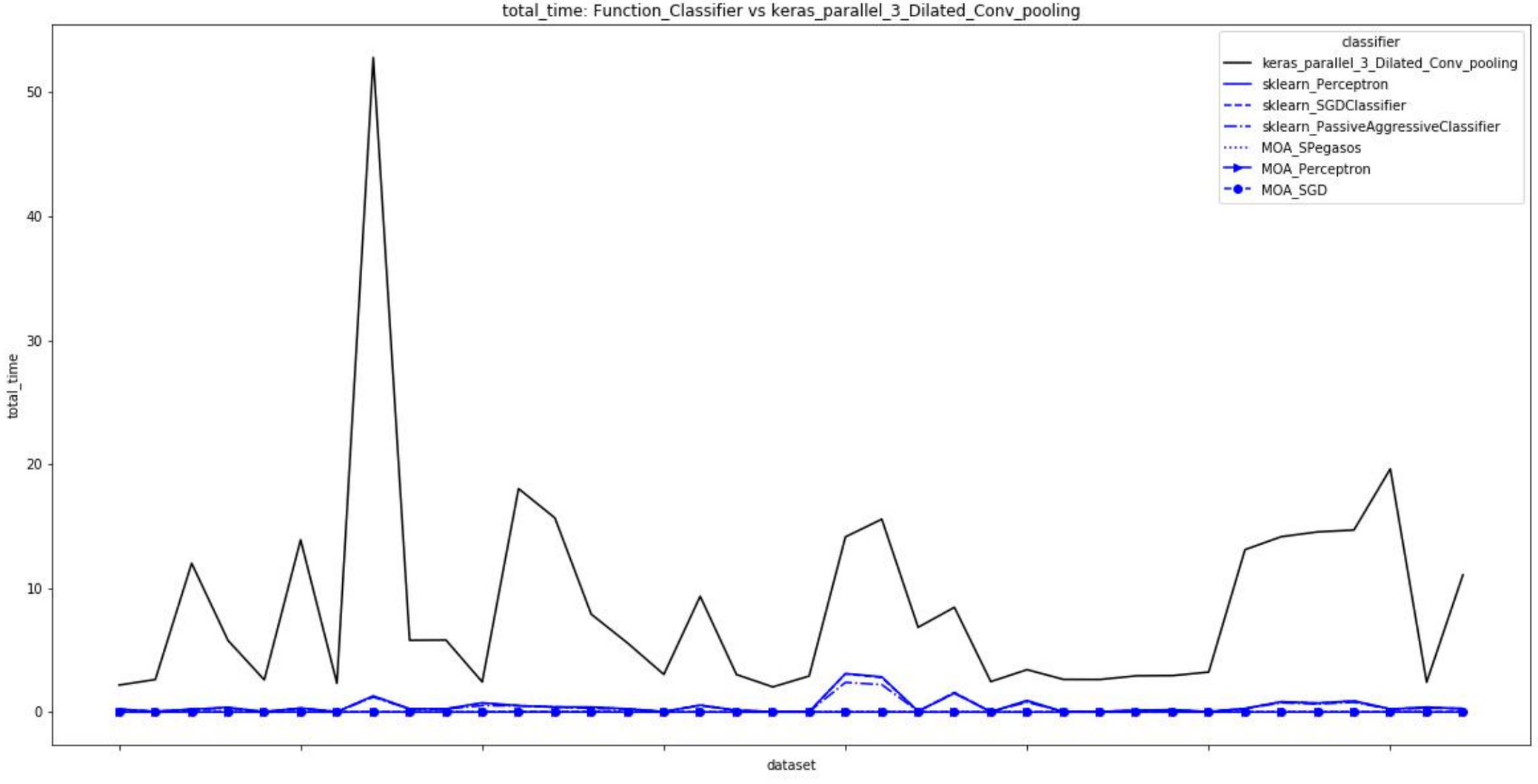
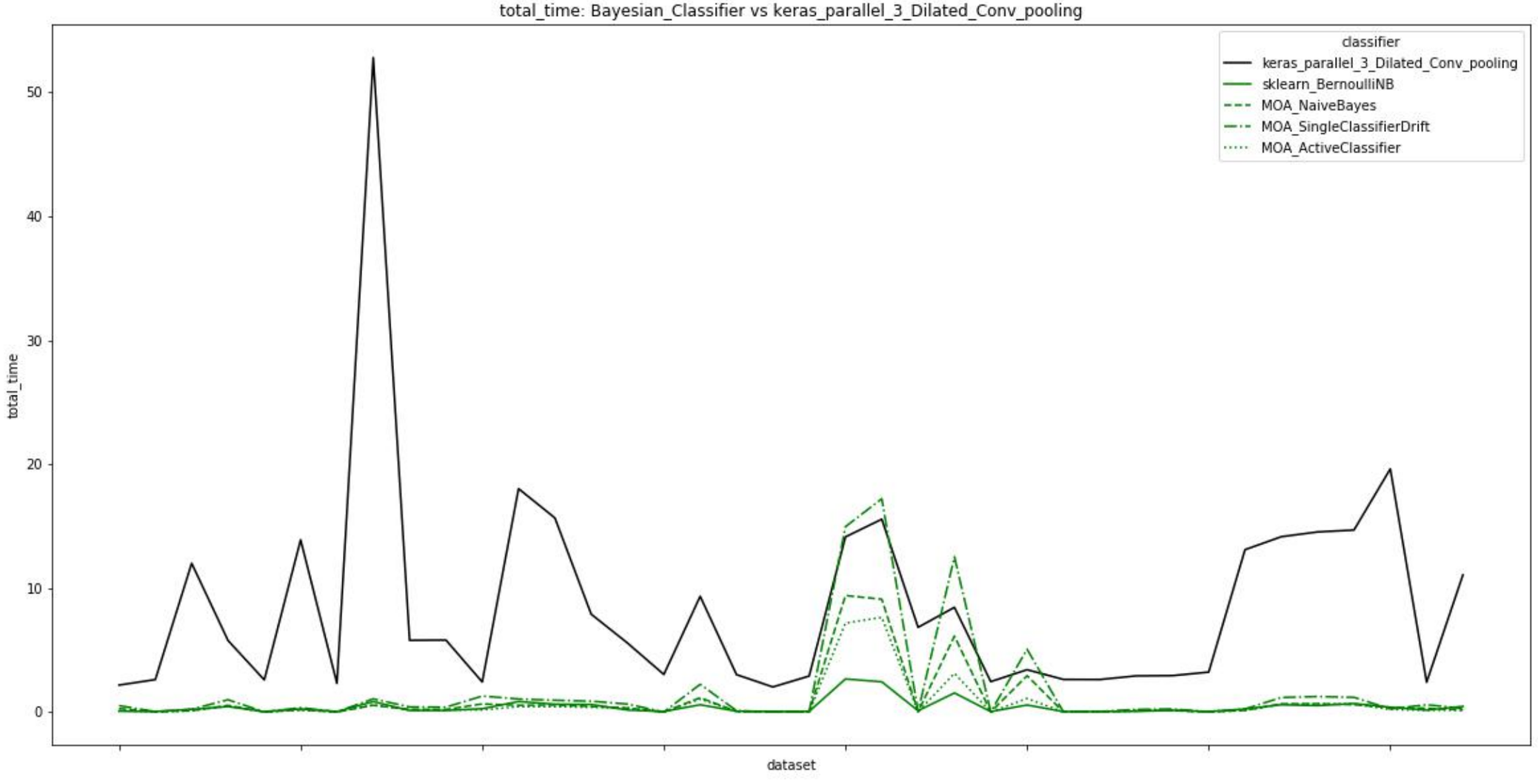
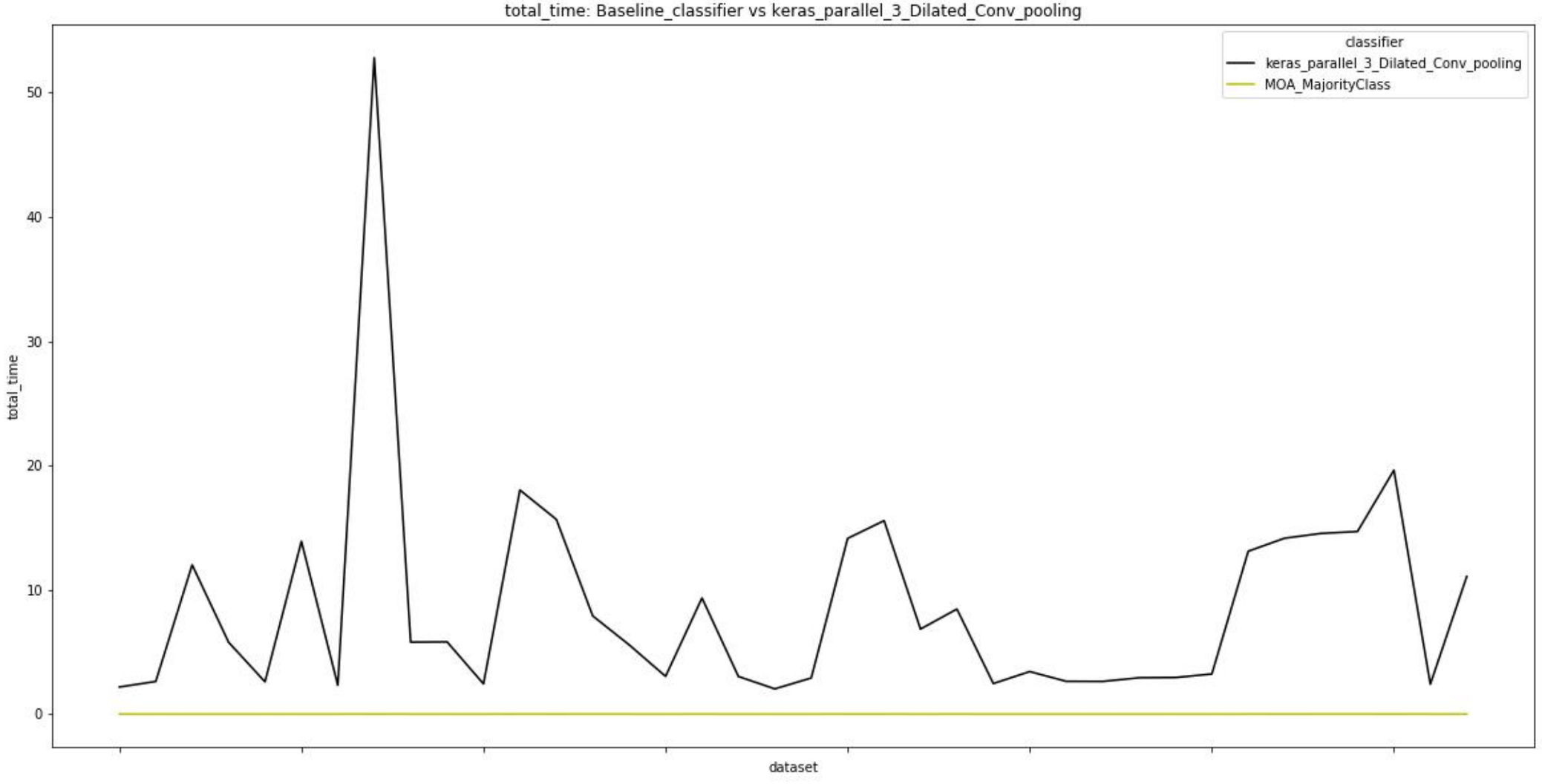

total_time for each dataset
total_time
dataset
0
50
100
150
200
250
300
classifier
keras_parallel_3_Dilated_Conv_pooling
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
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

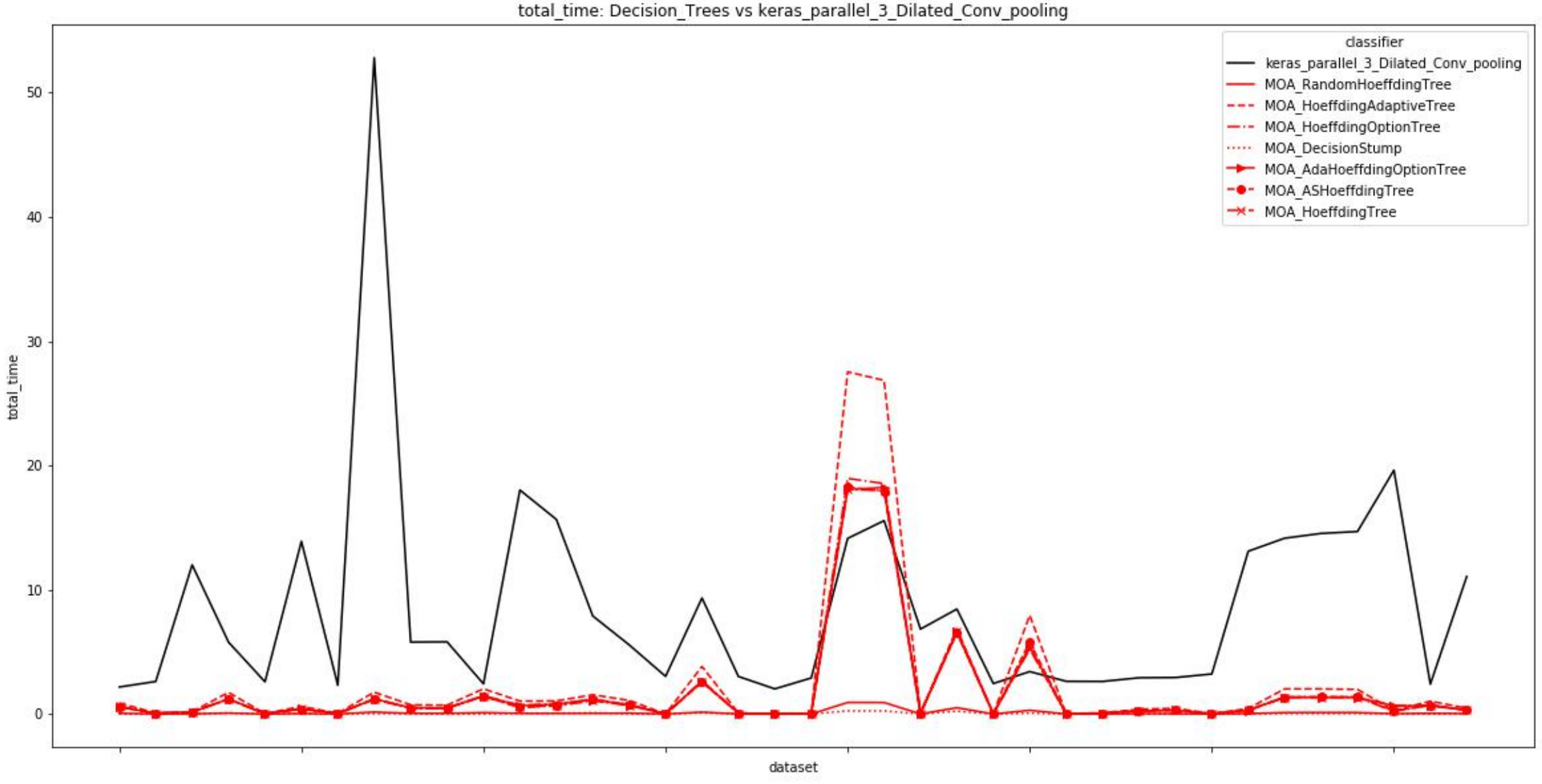

total_time for each dataset (log scaled)
classifier
keras_parallel_3_Dilated_Conv_pooling
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
MOA_NaiveBayes
MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
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 (log)
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
dataset

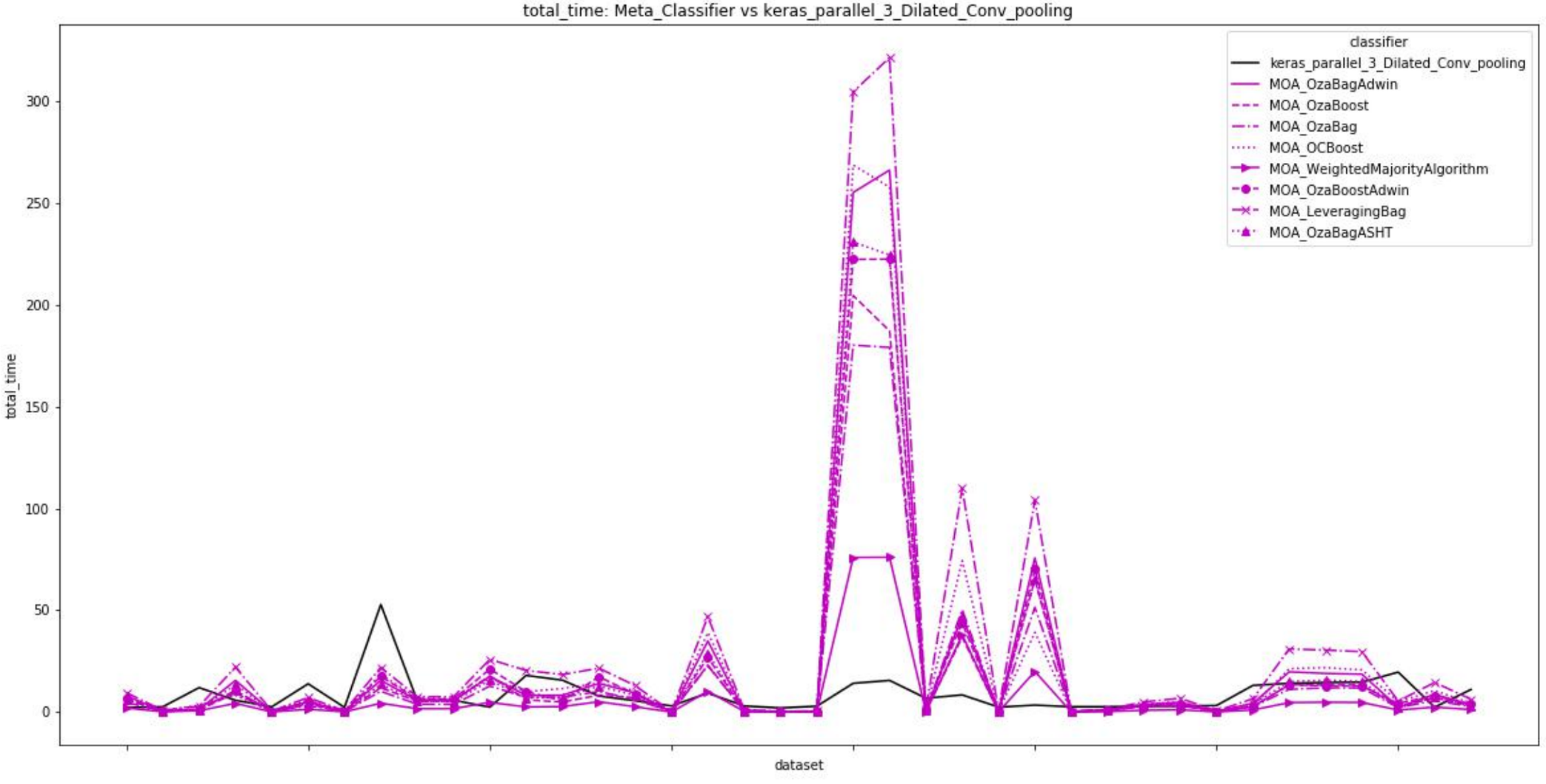

total_time: Neural_Network vs keras_parallel_3_Dilated_Conv_pooling
classifier
keras_parallel_3_Dilated_Conv_pooling
sklearn_MLPClassifier
total_time
0
10
20
30
40
50
dataset

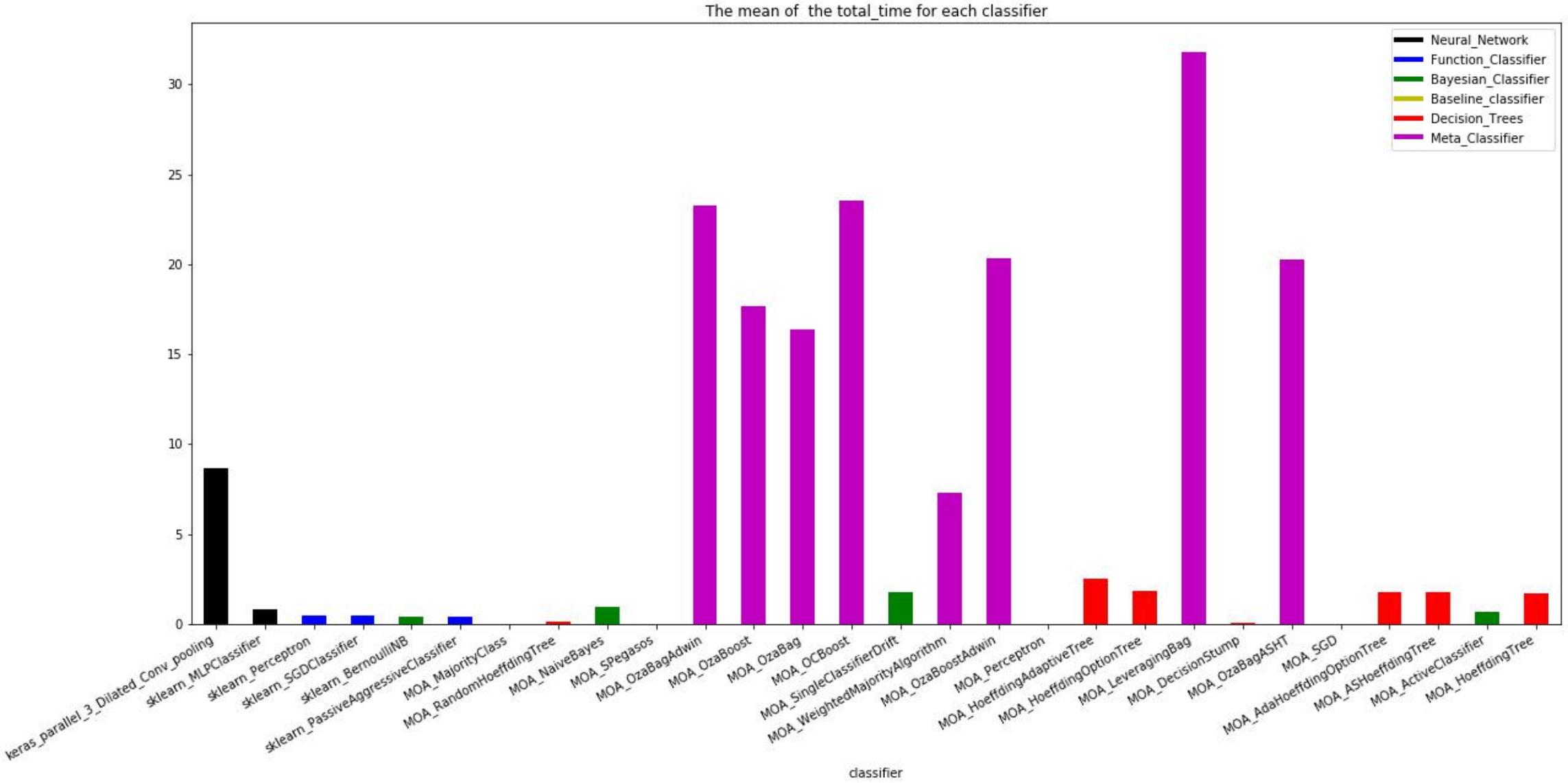

total_time: Function_Classifier vs keras_parallel_3_Dilated_Conv_pooling
classifier
keras_parallel_3_Dilated_Conv_pooling
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_PassiveAggressiveClassifier
MOA_SPegasos
MOA_Perceptron
MOA_SGD
total_time
0
10
20
30
40
50
dataset

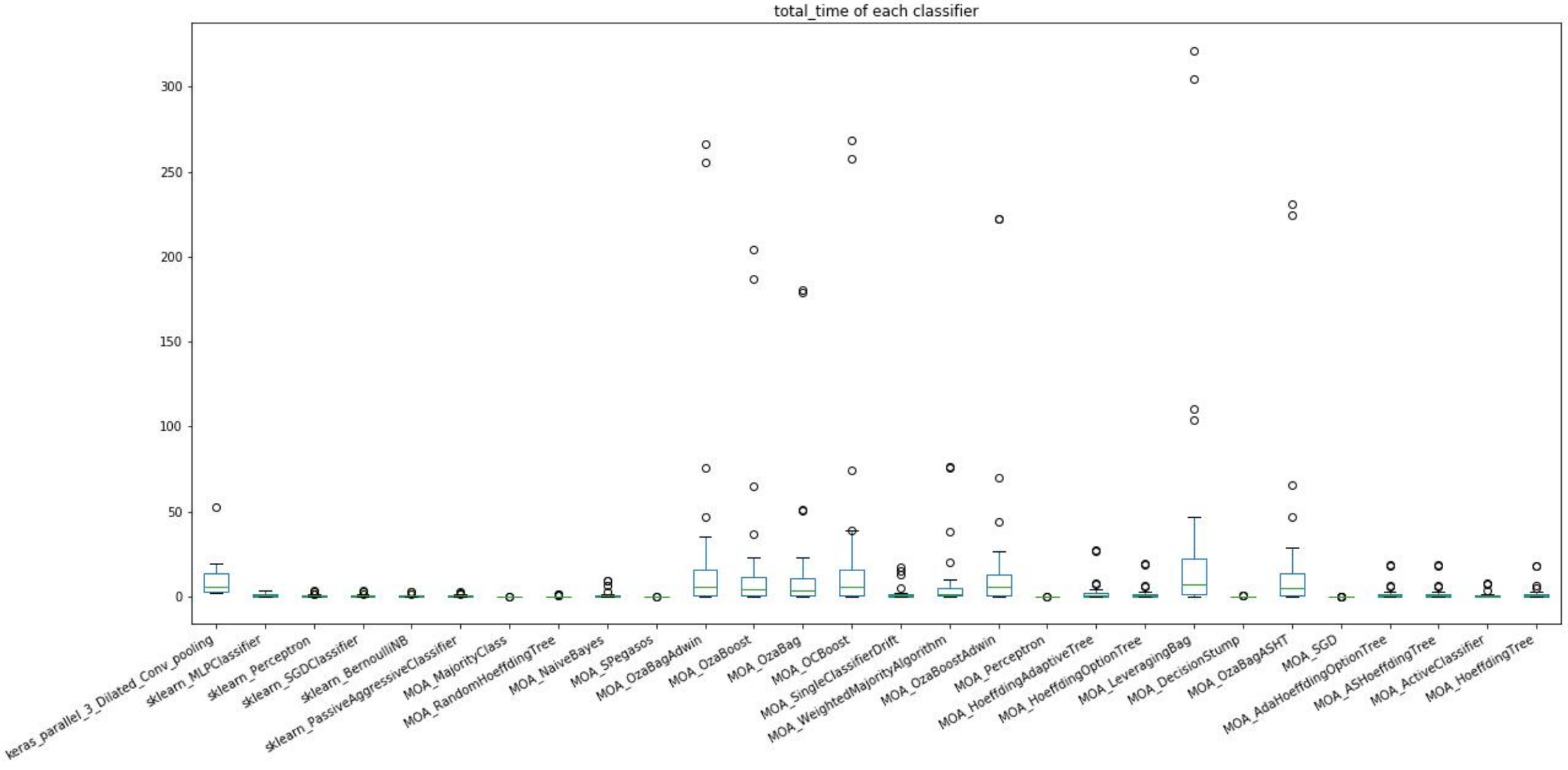

total_time: Bayesian_Classifier vs keras_parallel_3_Dilated_Conv_pooling
classifier
keras_parallel_3_Dilated_Conv_pooling
sklearn_BernoulliNB
MOA_NaiveBayes
MOA_SingleClassifierDrift
MOA_ActiveClassifier
total_time
0
10
20
30
40
50
dataset


total_time: Baseline_classifier vs keras_parallel_3_Dilated_Conv_pooling
classifier
keras_parallel_3_Dilated_Conv_pooling
MOA_MajorityClass
total_time
0
10
20
30
40
50
dataset


total_time: Decision_Trees vs keras_parallel_3_Dilated_Conv_pooling
classifier
keras_parallel_3_Dilated_Conv_pooling
MOA_RandomHoeffdingTree
MOA_HoeffdingAdaptiveTree
MOA_HoeffdingOptionTree
MOA_DecisionStump
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_HoeffdingTree
total_time
0
10
20
30
40
50
dataset


total_time: Meta_Classifier vs keras_parallel_3_Dilated_Conv_pooling
classifier
keras_parallel_3_Dilated_Conv_pooling
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_WeightedMajorityAlgorithm
MOA_OzaBoostAdwin
MOA_LeveragingBag
MOA_OzaBagASHT
total_time
0
50
100
150
200
250
300
dataset


The mean of the total_time for each classifier
Neural_Network
Function_Classifier
Bayesian_Classifier
Baseline_classifier
Decision_Trees
Meta_Classifier
0
5
10
15
20
25
30
keras_parallel_3_Dilated_Conv_pooling
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 of each classifier
300
250
200
150
100
50
0
keras_parallel_3_Dilated_Conv_pooling
sklearn_MLPClassifier
sklearn_Perceptron
sklearn_SGDClassifier
sklearn_BernoulliNB
sklearn_PassiveAggressiveClassifier
MOA_MajorityClass
MOA_RandomHoeffdingTree
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MOA_SPegasos
MOA_OzaBagAdwin
MOA_OzaBoost
MOA_OzaBag
MOA_OCBoost
MOA_SingleClassifierDrift
MOA_WeightedMajorityAlgorithm
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MOA_HoeffdingOptionTree
MOA_LeveragingBag
MOA_DecisionStump
MOA_OzaBagASHT
MOA_SGD
MOA_AdaHoeffdingOptionTree
MOA_ASHoeffdingTree
MOA_ActiveClassifier
MOA_HoeffdingTree