Profile Summary

Generated 03-Apr-2017 02:21:51 using performance time.

Function Name	Calls	**Total Time**	Self Time*
train_model	1	755.214 s	0.792 s
svm_classifier	50	753.354 s	0.013 s
fitcsvm	50	753.209 s	0.132 s
ClassificationSVM>ClassificationSVM.fit	50	753.077 s	0.006 s
FitTemplate>FitTemplate.fit	70	753.065 s	0.037 s
...t;ClassificationSVM.ClassificationSVM	50	751.645 s	0.223 s
SVMImpl>SVMImpl.make	50	751.099 s	0.088 s
solve (MEX-file)	50	750.868 s	750.868 s
CART_classifier	20	1.057 s	0.010 s
fitctree	20	0.960 s	0.003 s
...tionSVM>ClassificationSVM.template	50	0.808 s	0.192 s
FitTemplate>FitTemplate.make	70	0.702 s	0.030 s
...ClassificationTree.ClassificationTree	20	0.699 s	0.011 s
...ionTree>ClassificationTree.fitTree	20	0.637 s	0.073 s
FitTemplate>FitTemplate.fillIfNeeded	70	0.601 s	0.188 s
...nSVM>ClassificationSVM.prepareData	50	0.590 s	0.295 s
parseArgs	910	0.479 s	0.068 s
TreeImpl>TreeImpl.makeFromData	20	0.415 s	0.017 s
parseArgs	910	0.410 s	0.135 s
growTree (MEX-file)	20	0.394 s	0.394 s
...ectorOps>DisallowVectorOps.subsref	1310	0.268 s	0.189 s

Total Time Plot (dark band = self time)
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parseArgs>multistrncmpi	1710	0.246 s	0.189 s
...onTree>ClassificationTree.template	20	0.155 s	0.002 s
SVMParams>SVMParams.make	50	0.154 s	0.037 s
...ficationModel.FullClassificationModel	70	0.153 s	0.030 s
...M>CompactClassificationSVM.predict	50	0.133 s	0.009 s
...nModel>ClassificationModel.predict	50	0.124 s	0.027 s
optimalKernelScale	50	0.121 s	0.056 s
...ationTree>ClassificationTree.prune	20	0.107 s	0.015 s
...ree>ClassificationTree.prepareData	20	0.094 s	0.026 s
ClassLabel>ClassLabel.ismember	500	0.093 s	0.034 s
...>CompactClassificationTree.predict	20	0.079 s	0.038 s
ClassLabel>ClassLabel.levels	140	0.078 s	0.022 s
classCount	120	0.077 s	0.018 s
TreeImpl>TreeImpl.prune	20	0.075 s	0.018 s
...ficationRegressionModel.prepareDataCR	70	0.071 s	0.035 s
ModelParams>ModelParams.fillIfNeeded	70	0.068 s	0.010 s
FitTemplate>FitTemplate.catchType	70	0.067 s	0.010 s
...SVM>CompactClassificationSVM.score	50	0.065 s	0.015 s
Partitioner>Partitioner.processArgs	70	0.064 s	0.015 s
ismember	280	0.059 s	0.009 s
parseArgs>@(z)any(strncmpi(s,z,n))	7560	0.057 s	0.057 s
ismember>ismemberR2012a	280	0.051 s	0.019 s
SVMParams>SVMParams.fillDefaultParams	50	0.049 s	0.047 s
unique	140	0.048 s	0.013 s
TreeParams>TreeParams.make	20	0.046 s	0.014 s
CompactSVMImpl>CompactSVMImpl.score	50	0.044 s	0.009 s
...assificationModel.ClassificationModel	140	0.043 s	0.022 s
SVMParams>SVMParams.SVMParams	50	0.041 s	0.027 s
Resampler>Resampler.processArgs	70	0.041 s	0.008 s

...ampler>SubspaceSampler.processArgs	70	0.039 s	0.008 s
Predictor>Predictor.Predictor	210	0.037 s	0.034 s
unique>uniqueR2012a	140	0.035 s	0.035 s
predict (MEX-file)	50	0.033 s	0.033 s
datasample	100	0.033 s	0.012 s
ismember>ismemberBuiltinTypes	280	0.032 s	0.032 s
...r>MajorityUndersampler.processArgs	70	0.031 s	0.007 s
...del.FullClassificationRegressionModel	70	0.031 s	0.015 s
...ificationSVM.CompactClassificationSVM	50	0.029 s	0.017 s
...ClassificationModel.processClassNames	70	0.029 s	0.003 s
TreeImpl>TreeImpl.pruneNodes	20	0.029 s	0.019 s
table2FitMatrix	70	0.027 s	0.013 s
num2cell	650	0.027 s	0.027 s
pdist2	50	0.026 s	0.014 s
ModelParams>ModelParams.ModelParams	70	0.021 s	0.019 s
ClassLabel>ClassLabel.ClassLabel	330	0.020 s	0.020 s
...lClassificationModel.makeClassSummary	120	0.020 s	0.011 s
...odel>ClassificationModel.get.Prior	70	0.017 s	0.012 s
FitTemplate>FitTemplate.FitTemplate	70	0.017 s	0.015 s
TreeParams>TreeParams.TreeParams	20	0.015 s	0.008 s
ClassLabel>ClassLabel.grp2idx	70	0.014 s	0.003 s
ClassLabel>ClassLabel.subsref	50	0.013 s	0.011 s
SVMImpl>SVMImpl.SVMImpl	50	0.012 s	0.011 s
table2FitMatrix>processArgs	70	0.012 s	0.011 s
ClassLabel>ClassLabel.eq	310	0.011 s	0.009 s
cell.ismember	210	0.011 s	0.011 s
TreeImpl>TreeImpl.findNode	20	0.010 s	0.006 s
...icationTree.CompactClassificationTree	20	0.010 s	0.003 s
expandCategorical	50	0.010 s	0.003 s

checkSupportedNumeric	350	0.010 s	0.010 s
sub2ind	120	0.010 s	0.010 s
...sificationTree.removeZeroPriorAndCost	120	0.010 s	0.010 s
TreeParams>TreeParams.fillDefaultParams	20	0.009 s	0.009 s
...;FullClassificationModel.processPrior	70	0.009 s	0.006 s
...Model>ClassificationModel.maxScore	50	0.008 s	0.007 s
stats\private\pdist2mex (MEX-file)	50	0.008 s	0.008 s
ClassLabel>ClassLabel.numel	1300	0.007 s	0.007 s
...Model>ClassificationModel.get.Cost	70	0.007 s	0.007 s
FitTemplate>FitTemplate.isfilled	70	0.007 s	0.007 s
ClassLabel>ClassLabel.subsasgn	50	0.007 s	0.007 s
...ClassificationModel.removeMissingVals	70	0.007 s	0.003 s
...t;FullClassificationModel.processCost	70	0.007 s	0.004 s
median	50	0.006 s	0.004 s
computePruneInfo (MEX-file)	40	0.006 s	0.006 s
close	1	0.006 s	0.004 s
...gt;ClassificationModel.get.ClassNames	70	0.006 s	0.004 s
...t;DisallowVectorOps.DisallowVectorOps	350	0.006 s	0.006 s
ClassLabel>ClassLabel.length	770	0.005 s	0.005 s
...t;Predictor.get.CategoricalPredictors	120	0.005 s	0.005 s
...nModel>ClassificationModel.minCost	20	0.005 s	0.004 s
Predictor>Predictor.get.TableInput	70	0.004 s	0.004 s
...pi(x,this.NamesDataPrepIn,length(x)))	150	0.004 s	0.004 s
Predictor>Predictor.getvrange	20	0.004 s	0.003 s
findNode (MEX-file)	20	0.004 s	0.004 s
ClassLabel>ClassLabel.isempty	450	0.004 s	0.004 s
ClassLabel>ClassLabel.ismissing	70	0.004 s	0.004 s
TreeImpl>TreeImpl.TreeImpl	20	0.004 s	0.004 s
table2PredictMatrix	20	0.003 s	0.002 s

mean	21	0.003 s	0.003 s
...sificationModel.processScoreTransform	70	0.003 s	0.003 s
FitTemplate>gettype	70	0.002 s	0.002 s
encodeCategorical	50	0.002 s	0.002 s
TreeImpl>TreeImpl.processSubtrees	40	0.002 s	0.002 s
parseArgs>@(z)z(1)	100	0.002 s	0.002 s
median>meanof	50	0.002 s	0.002 s
Predictor>Predictor.get.VariableRange	50	0.002 s	0.002 s
ClassLabel>ClassLabel.labels	70	0.002 s	0.002 s
table2FitMatrix>removeArg	70	0.002 s	0.002 s
istable	160	0.001 s	0.001 s
...Impl>CompactSVMImpl.CompactSVMImpl	50	0.001 s	0.001 s
isString	20	0.001 s	0.001 s
simpleModels	70	0.001 s	0.001 s
table2PredictMatrix>makeXMatrix	20	0.001 s	0.001 s
...t;Predictor.getOptionalPredictorNames	20	0.001 s	0.001 s
close>safegetchildren	1	0.001 s	0.001 s
ModelParams>ModelParams.expectedVersion	70	0.001 s	0.001 s
classificationModels	70	0.001 s	0.001 s
identity	70	0.001 s	0.001 s
close>getEmptyHandleList	1	0.001 s	0.001 s
regressionModels	70	0.000 s	0.000 s
close>request_close	1	0.000 s	0.000 s
close>checkfigs	1	0.000 s	0.000 s

Self time is the time spent in a function excluding the time spent in its child fu
Self time also includes overhead resulting from the process of profiling.

nctions.