Profile Summary
Generated 04-Dec-2017 14:40:31 using performance time.

Function Name	<u>Calls</u>	Total Time	Self Time*
<u>final</u>	1	3904.116 s	5.741 s
SeriesNetwork>SeriesNetwork.activations	3	2997.465 s	1.070 s
tionsChannelFormatSingleNumericObserv	627	2837.913 s	0.018 s
SeriesNetwork>SeriesNetwork.activations	627	2837.880 s	1.403 s
Convolution2D>Convolution2D.predict	3135	2079.487 s	1.474 s
Convolution2D>Convolution2D.doForward	5016	2047.119 s	0.154 s
>Convolution2DHostStrategy.forward	5016	2046.965 s	2046.965 s
n2D.predictTwoFilterGroupsWithCaching	1881	1247.907 s	25.316 s
FitTemplate>FitTemplate.fit	23	896.700 s	0.029 s
t;ClassificationSVM.ClassificationSVM	11	895.664 s	2.603 s
SVMImpl>SVMImpl.make	11	893.021 s	0.541 s
SVMImpl>iDispatchSolve	11	892.473 s	0.002 s
solve (MEX-file)	11	892.471 s	892.471 s
tion2D>Convolution2D.forwardNormal	1254	830.092 s	0.028 s
Ensemble>Ensemble.fitWeakLearners	1	744.942 s	0.156 s
onECOC>ClassificationECOC.crossval	1	744.257 s	0.003 s
ClassificationECOC>localFitECOC/loopBody	11	744.027 s	0.024 s
LocalMapNorm2D>LocalMapNorm2D.predict	1254	454.447 s	2.735 s
gt;LocalMapNorm2DHostStrategy.forward	1254	451.712 s	0.026 s

Total Time Plot (dark band = self time)

MaxPooling2D>MaxPooling2D.predicty>MaxPooling2DHostStrategy.forward poolingMaxForward2Dgt;MiniBatchDatasourceDispatcher.nextiniBatchDatasourceDispatcher.readDataatastoreMiniBatchDatasource.nextBatch ImageDatastore.read fitcecocicationECOC>ClassificationECOC.fitstore>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNextname)readAndPreprocessImage(filename)	1881 1881 1881 626 626 628 628 1 1	268.470 s 265.469 s 265.435 s 158.263 s 157.986 s 153.492 s 153.480 s 152.656 s	3.000 s 0.035 s 265.356 0.059 s 0.081 s 0.012 s 0.176 s 0.006 s
poolingMaxForward2Dgt;MiniBatchDatasourceDispatcher.nextiniBatchDatasourceDispatcher.readDataatastoreMiniBatchDatasource.nextBatch ImageDatastore.read fitcecocicationECOC>ClassificationECOC.fitstore>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNext	1881 626 626 628 628 1	265.435 s 158.263 s 157.986 s 153.492 s 153.480 s 152.656 s	265.356 0.059 s 0.081 s 0.012 s 0.176 s
gt;MiniBatchDatasourceDispatcher.nextiniBatchDatasourceDispatcher.readDataatastoreMiniBatchDatasource.nextBatch ImageDatastore.read fitcecocicationECOC>ClassificationECOC.fitstore>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNext	626 626 628 628 1	158.263 s 157.986 s 153.492 s 153.480 s 152.656 s	0.059 s 0.081 s 0.012 s 0.176 s
iniBatchDatasourceDispatcher.readDataatastoreMiniBatchDatasource.nextBatch ImageDatastore.read fitcecocicationECOC>ClassificationECOC.fitstore>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNext	626 628 628 1	157.986 s 153.492 s 153.480 s 152.656 s	0.081 s 0.012 s 0.176 s
atastoreMiniBatchDatasource.nextBatch ImageDatastore.read fitcecocicationECOC>ClassificationECOC.fitstore>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNext	628 628 1	153.492 s 153.480 s 152.656 s	0.012 s 0.176 s
ImageDatastore.read fitcecoc icationECOC>ClassificationECOC.fit store>SplittableDatastore.readData holeFileCustomReadSplitReader.getNext	628 1 1	153.480 s 152.656 s	0.176 s
fitcecocicationECOC>ClassificationECOC.fitstore>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNext	1	152.656 s	
icationECOC>ClassificationECOC.fit store>SplittableDatastore.readData holeFileCustomReadSplitReader.getNext	1		0.006 s
store>SplittableDatastore.readDataholeFileCustomReadSplitReader.getNext		152.514 s	
holeFileCustomReadSplitReader.getNext	20002		0.002 s
<u> </u>		148.396 s	0.183 s
name)readAndPreprocessImage(filename)	20002	146.288 s	0.409 s
	20002	144.593 s	0.143 s
<u>readAndPreprocessImage</u>	20003	144.458 s	0.396 s
imread	20003	116.195 s	1.496 s
imread>call_format_specific_reader	20003	57.591 s	0.958 s
imagesci\private\readjpg	20003	56.634 s	0.296 s
imread>get_full_filename	20003	55.511 s	55.511 s
imagesci\private\rjpg8c (MEX-file)	20003	41.688 s	41.688 s
<u>imresize</u>	20004	27.897 s	1.258 s
FullyConnected>FullyConnected.predict	1254	18.068 s	0.184 s
t;FullyConnectedImageStrategy.forward	1254	17.782 s	0.110 s
ageStrategy.forwardConvolveOrMultiply	1254	17.672 s	17.621 s
imagesci\private\imjpginfo	20003	14.649 s	0.087 s
<u>imjpginfo</u>	20003	14.563 s	9.042 s
ReLU>ReLU.predict	3762	13.795 s	3.871 s
Forward2D>iGetStartAndStopChannels	7040352	12.633 s	12.633 s

•
•
1
<u> </u>
<u>.</u>
<u> </u>
·
1
T.
ı
1
<u> </u>
1
1
1
1

imresize>resizeAlongDim	40008	11.686 s	0.863 s
imresizemex (MEX-file)	39976	10.770 s	10.770
tStrategy>ReLUHostStrategy.forward	3762	9.924 s	0.054 s
reluForward	3762	9.870 s	9.870 s
contributions	40008	9.714 s	5.892 s
ImageDatastore.hasdata	40002	6.682 s	1.986 s
on2D>iSplitDataAlongThirdDimension	1881	5.420 s	5.420 s
tastore>FileBasedDatastore.hasdata	40002	4.695 s	1.604 s
<u>imjpgbaselineinfo</u>	20003	4.591 s	2.603 s
DatasourceDispatcher.readObservations	628	4.326 s	0.016 s
contributions>@(x)scale*kernel(scale*x)	36107	3.568 s	0.522 s
Precision>Precision.cast	1257	3.355 s	3.355 s
cubic	40008	3.300 s	3.300 s
imresize>parseInputs	20004	3.151 s	1.106 s
astore>SplittableDatastore.hasdata	40002	3.092 s	1.025 s
lmageTransform>lmageTransform.apply	627	2.194 s	0.024 s
;ZeroCenterImageTransform.doTransform	627	2.170 s	2.163 s
imjpgbaselineinfo>recover_valid_marker	80012	1.987 s	1.987 s
<u>imageDatastore</u>	1	1.882 s	0.001 s
tore>ImageDatastore.ImageDatastore	1	1.881 s	0.003 s
store>ImageDatastore.initDatastore	1	1.872 s	0.417 s
fileparts	95004	1.675 s	1.272 s
re>SplittableDatastore.moveToSplit	20009	1.595 s	0.230 s
stringToChar	20005	1.462 s	1.192 s
CustomReadSplitReader.createLocalCopy	20002	1.228 s	1.192 s
atasourceDispatcher>iCellTo4DArray	628	0.962 s	0.962 s
leFileCustomReadSplitter.createReader	20009	0.846 s	0.703 s

imresize>parsePreMethodArgs	20004	0.845 s	0.584 s
Partitioner>Partitioner.generate	10	0.765 s	0.759 s
onCleanup>onCleanup.delete	20035	0.732 s	0.379 s
tore.ImageDatastore>iLabelFromFile	25000	0.694 s	0.097 s
re>ImageDatastore.supportsLocation	1	0.646 s	0.002 s
t;FileBasedDatastore.supportsLocation	1	0.642 s	0.126 s
imresize>fixupSizeAndScale	20004	0.587 s	0.326 s
;WholeFileCustomReadSplitReader.reset	20011	0.519 s	0.519 s
ficationRegressionModel.prepareDataCR	23	0.427 s	0.415 s
imagesci\private\getFileFromURL	20003	0.418 s	0.099 s
assificationPartitionedECOC.kfoldLoss	1	0.408 s	0.003 s
<u>ispc</u>	95004	0.404 s	0.404 s
ificationPartitionedECOC.kfoldPredict	1	0.397 s	0.244 s
helperImportMatConvNet	1	0.388 s	0.119 s
findFirstParamString	20004	0.387 s	0.387 s
t;FullClassificationModel.prepareData	12	0.358 s	0.029 s
imjpginfo>@()fclose(fid)	20003	0.347 s	0.347 s
imshow	2	0.327 s	0.031 s
<u>contains</u>	20004	0.321 s	0.278 s
ImageDatastore.splitEachLabel	2	0.309 s	0.011 s
gt;ImageDatastore.initReadFcnAndFiles	5	0.295 s	0.043 s
<u>cell.ismember</u>	20198	0.290 s	0.264 s
>CompactClassificationECOC.predict	12	0.277 s	0.023 s
stringToChar>@(x)convertToChar(x)	40008	0.270 s	0.195 s
nSVM>ClassificationSVM.prepareData	11	0.269 s	0.020 s
imresize>scaleOrSize	20004	0.262 s	0.262 s
ImageDatastore.splitEachLabel>getNewDs	4	0.248 s	0.003 s

Splitter>Splitter.get.NumSplits 40021 0.228 s 0.228 s smartForSliceout 23 0.208 s 0.016 s onCleanup>onCleanup onCleanup 20035 0.206 s 0.206 s nedECOC.ClassificationPartitionedECOC 1 0.203 s 0.001 s montage 1 0.203 s 0.002 s dModel.ClassificationPartitionedModel 1 0.203 s 0.002 s movegui 2 0.201 s 0.139 s cationEnsemble.ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.002 s oC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s tCustomReadDatastore.initFromReadEcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocesslmage 20004 0.171 s 0.108 s	<u>initSize</u>	2	0.228 s	0.011 s
onCleanup>onCleanup.onCleanup 20035 0.206 s 0.206 s nedECOC.ClassificationPartitionedECOC 1 0.203 s 0.001 s montage 1 0.203 s 0.005 s dModel.ClassificationPartitionedModel 1 0.203 s 0.002 s dModel.ClassificationPartitionedModel 1 0.197 s 0.139 s cationEnsemble.ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.002 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s 0.195 s t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s t:CustomReadDatastore.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.clas	Splitter>Splitter.get.NumSplits	40021	0.228 s	0.228 s
nedECOC.ClassificationPartitionedECOC 1 0.203 s 0.001 s montage 1 0.203 s 0.005 s dModel ClassificationPartitionedModel 1 0.203 s 0.002 s dModel ClassificationPartitionedModel 1 0.139 s 0.139 s cationEnsemble ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.007 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s 0.195 s tCustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s gt.ClassificationEnsemble fitEnsemble 1 0.163 s 0.002 s gt.Classificatio	<u>smartForSliceout</u>	23	0.208 s	0.016 s
montage 1 0.203 s 0.005 s dModel.ClassificationPartitionedModel 1 0.203 s 0.002 s movegui 2 0.201 s 0.139 s cationEnsemble.ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.007 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt:ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s <t< td=""><td>onCleanup>onCleanup.onCleanup</td><td>20035</td><td>0.206 s</td><td>0.206 s</td></t<>	onCleanup>onCleanup.onCleanup	20035	0.206 s	0.206 s
dModel.ClassificationPartitionedModel 1 0.203 s 0.002 s movegui 2 0.201 s 0.139 s cationEnsemble.ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.185 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s t.CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0	nedECOC.ClassificationPartitionedECOC	1	0.203 s	0.001 s
movegui 2 0.201 s 0.139 s cationEnsemble.ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.185 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s tCustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s <td< td=""><td>montage</td><td>1</td><td>0.203 s</td><td>0.005 s</td></td<>	montage	1	0.203 s	0.005 s
cationEnsemble.ClassificationEnsemble 1 0.197 s 0.002 s er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.185 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.1	dModel.ClassificationPartitionedModel	1	0.203 s	0.002 s
er>FileSizeBasedSplitter.get.Files 19 0.197 s 0.185 s OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.15	movegui	2	0.201 s	0.139 s
OC>CompactClassificationECOC.score 12 0.197 s 0.007 s imread>parse_inputs 20003 0.195 s 0.195 s t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.154 s 0.003 s sificationECOC>localScore/loopBody 12 0.154 s 0.018 s tchDatasourceDispatcher.readResponses 628 0	cationEnsemble.ClassificationEnsemble	1	0.197 s	0.002 s
imread>parse_inputs 20003 0.195 s 0.195 s t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0	er>FileSizeBasedSplitter.get.Files	19	0.197 s	0.185 s
t:CustomReadDatastore.initFromReadFcn 5 0.189 s 0.003 s atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	OC>CompactClassificationECOC.score	12	0.197 s	0.007 s
atasourceDispatcher.set.MiniBatchSize 632 0.187 s 0.034 s CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	imread>parse_inputs	20003	0.195 s	0.195 s
CompactClassificationECOC>localScore 12 0.172 s 0.007 s imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt:ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	t;CustomReadDatastore.initFromReadFcn	5	0.189 s	0.003 s
imresize>postprocessImage 20004 0.171 s 0.108 s ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	atasourceDispatcher.set.MiniBatchSize	632	0.187 s	0.034 s
ClassificationECOC.ClassificationECOC 11 0.169 s 0.014 s pathLookup 1 0.167 s 0.004 s gt:ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	CompactClassificationECOC>localScore	12	0.172 s	0.007 s
pathLookup 1 0.167 s 0.004 s gt;ClassificationEnsemble.fitEnsemble 1 0.163 s 0.002 s pathLookupLocal 2 0.162 s 0.002 s pathLookupLocal>getfullfiles 2 0.160 s 0.085 s isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	imresize>postprocessImage	20004	0.171 s	0.108 s
gt;ClassificationEnsemble fitEnsemble10.163 s0.002 spathLookupLocal20.162 s0.002 spathLookupLocal>getfullfiles20.160 s0.085 sisPureNearestNeighborComputation800160.158 s0.158 sMiniBatchDatasource.set.MiniBatchSize6340.155 s0.044 ssificationECOC>localScore/loopBody120.154 s0.003 stchDatasourceDispatcher.readResponses6280.152 s0.018 sM>CompactClassificationSVM.predict120.152 s0.003 s	ClassificationECOC.ClassificationECOC	11	0.169 s	0.014 s
pathLookupLocal20.162 s0.002 spathLookupLocal>getfullfiles20.160 s0.085 sisPureNearestNeighborComputation800160.158 s0.158 sMiniBatchDatasource.set.MiniBatchSize6340.155 s0.044 ssificationECOC>localScore/loopBody120.154 s0.003 stchDatasourceDispatcher.readResponses6280.152 s0.018 sM>CompactClassificationSVM.predict120.152 s0.003 s	pathLookup	1	0.167 s	0.004 s
pathLookupLocal>getfullfiles20.160 s0.085 sisPureNearestNeighborComputation800160.158 s0.158 sMiniBatchDatasource.set.MiniBatchSize6340.155 s0.044 ssificationECOC>localScore/loopBody120.154 s0.003 stchDatasourceDispatcher.readResponses6280.152 s0.018 sM>CompactClassificationSVM.predict120.152 s0.003 s	gt;ClassificationEnsemble.fitEnsemble	1	0.163 s	0.002 s
isPureNearestNeighborComputation 80016 0.158 s 0.158 s MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 s sificationECOC>localScore/loopBody 12 0.154 s 0.003 s tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 s M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	pathLookupLocal	2	0.162 s	0.002 s
MiniBatchDatasource.set.MiniBatchSize 634 0.155 s 0.044 ssificationECOC>localScore/loopBody 12 0.154 s 0.003 stchDatasourceDispatcher.readResponses 628 0.152 s 0.018 sM>CompactClassificationSVM.predict 12 0.152 s 0.003 s	pathLookupLocal>getfullfiles	2	0.160 s	0.085 s
sificationECOC>localScore/loopBody120.154 s0.003 stchDatasourceDispatcher.readResponses6280.152 s0.018 sM>CompactClassificationSVM.predict120.152 s0.003 s	<u>isPureNearestNeighborComputation</u>	80016	0.158 s	0.158 s
tchDatasourceDispatcher.readResponses 628 0.152 s 0.018 sM>CompactClassificationSVM.predict 12 0.152 s 0.003 s	MiniBatchDatasource.set.MiniBatchSize	634	0.155 s	0.044 s
M>CompactClassificationSVM.predict 12 0.152 s 0.003 s	sificationECOC>localScore/loopBody	12	0.154 s	0.003 s
	tchDatasourceDispatcher.readResponses	628	0.152 s	0.018 s
nModel>ClassificationModel.predict 12 0.148 s 0.009 s	M>CompactClassificationSVM.predict	12	0.152 s	0.003 s
	nModel>ClassificationModel.predict	12	0.148 s	0.009 s

dimensionOrder	20004	0.148 s	0.148 s
imresize>fixupSize	20004	0.144 s	0.144 s
Reader.WholeFileCustomReadSplitReader	20009	0.143 s	0.079 s
orientX	25	0.138 s	0.133 s
Datastore>ImageDatastore.get.Files	15	0.135 s	0.001 s
stomReadSplitReader.deleteIfLocalCopy	60021	0.132 s	0.132 s
SeriesNetwork>iDataDispatcher	2	0.126 s	0.001 s
ispatcherFactory.createDataDispatcher	2	0.126 s	0.001 s
holeFileCustomReadSplitReader.hasNext	60000	0.125 s	0.125 s
SVM>CompactClassificationSVM.score	12	0.125 s	0.006 s
imresize>isInputIndexed	60012	0.125 s	0.125 s
WholeFileCustomReadSplitReader.delete	20017	0.124 s	0.085 s
gt;WholeFileCustomReadSplitter.create	5	0.124 s	0.002 s
MiniBatchDatasourceDispatcher>iDummify	628	0.122 s	0.008 s
helperImportMatConvNet>createLayerMap	1	0.119 s	0.004 s
itter>WholeFileSplitter.createArgs	5	0.119 s	0.060 s
CompactSVMImpl>CompactSVMImpl.score	12	0.117 s	0.116 s
eDatastore>ImageDatastore.subsasgn	635	0.117 s	0.092 s
<u>deriveScaleFromSize</u>	20003	0.117 s	0.117 s
dummify	628	0.110 s	0.032 s
imresize>checkForMissingOutputArgument	20004	0.108 s	0.068 s
ImageDatastore.countEachLabel	2	0.104 s	0.003 s
ImageDatastore.reset	11	0.101 s	0.003 s
FitTemplate>FitTemplate.make	3	0.100 s	0.008 s
ore>ImageDatastore.getInfoForBatch	626	0.096 s	0.040 s
imresize>findMethodArg	20004	0.095 s	0.095 s
imresize>preprocessImage	20004	0.091 s	0.069 s
	*		-

patcher.MiniBatchDatasourceDispatcher	2	0.090 s	0.003 s
FitTemplate>FitTemplate.fillIfNeeded	6	0.083 s	0.028 s
spatcher.getExampleInfoFromDatasource	2	0.083 s	0.002 s
ClassificationECOC>localFitECOC	11	0.080 s	0.007 s
<u>cell.strcat</u>	4	0.080 s	0.079 s
xForward2D>iAllocateArrayForOutput	1881	0.079 s	0.079 s
imresize>warnIfPostMethodArgs	20004	0.076 s	0.076 s
pathLookupLocal>strcatListing	2	0.075 s	0.001 s
stringToChar>convertToChar	40008	0.074 s	0.074 s
ficationModel.FullClassificationModel	23	0.071 s	0.005 s
ategorical>categorical.categorical	31	0.070 s	0.038 s
<u>clf</u>	1	0.066 s	0.052 s
SplitReader>SplitReader	20009	0.064 s	0.064 s
Layer>Layer.displayNonScalarObject	1	0.063 s	0.002 s
num2cell	160	0.062 s	0.062 s
Layer>Layer.displayOneLines	1	0.060 s	0.002 s
etwork>SeriesNetwork.SeriesNetwork	1	0.059 s	0.001 s
Convolution2D>Convolution2D.get.Weights	1275	0.059 s	0.059 s
nnected>FullyConnected.get.Weights	1265	0.058 s	0.058 s
SeriesNetwork.SeriesNetworkFromLayers	1	0.058 s	0.001 s
>ImageDatastore.getLabelUsingIndex	628	0.058 s	0.036 s
ModelParams>ModelParams.fillIfNeeded	23	0.057 s	0.006 s
gt;ImageDatastore.groupAndCountLabels	4	0.055 s	0.003 s
imresize>parseParamValuePairs	20004	0.055 s	0.055 s
templateSVM	1	0.053 s	0.002 s
unique	99	0.053 s	0.012 s
Network.SeriesNetworkFromLayersAndMap	1	0.053 s	0.006 s

ectorOps>DisallowVectorOps.subsref 401 0.052 s 0.044 s ore>ImageDatastore.nextFilesToRead 626 0.051 s 0.046 s parseArgs 196 0.049 s 0.026 s ctedImageStrategy.firstThreeDimsEqual 1254 0.047 s 0.018 s tabular.display 1 0.047 s 0.003 s close 1 0.045 s 0.003 s Layer>iGetOneLineDisplay 1 0.045 s 0.004 s ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.001 s classCount 35 0.038 s 0.007 s dummify>iMakeHorizontal 628 0.037 s <th>table.table>table.table</th> <th>2</th> <th>0.052 s</th> <th>0.004 s</th>	table.table>table.table	2	0.052 s	0.004 s
parseArgs 196 0.049 s 0.026 s ctedImageStrategy.firstThreeDimsEqual 1254 0.047 s 0.018 s tabular.display 1 0.047 s 0.003 s close 1 0.045 s 0.003 s Layer≥iGetOneLineDisplay 1 0.045 s 0.004 s ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.034 s	ectorOps>DisallowVectorOps.subsref	401	0.052 s	0.044 s
ctedImageStrategy.firstThreeDimsEqual 1254 0.047 s 0.018 s tabular.display 1 0.047 s 0.003 s close 1 0.045 s 0.004 s Layer>iGetOneLineDisplay 1 0.045 s 0.004 s ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.034 s 0.000 s eateImageDatastoreMiniBatchDatasource 2 <td>ore>ImageDatastore.nextFilesToRead</td> <td>626</td> <td>0.051 s</td> <td>0.046 s</td>	ore>ImageDatastore.nextFilesToRead	626	0.051 s	0.046 s
tabular.display 1 0.047 s 0.003 s close 1 0.045 s 0.003 s Layer>iGetOneLineDisplay 1 0.045 s 0.004 s ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismember>ismemberR2012a 93 0.034 s 0.010 s ce ImageDatastoreMiniBatchDatasource 2 <t< td=""><td>parseArgs</td><td>196</td><td>0.049 s</td><td>0.026 s</td></t<>	parseArgs	196	0.049 s	0.026 s
close 1 0.045 s 0.003 s Layer>iGetOneLineDisplay 1 0.045 s 0.004 s ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify≥iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.034 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.000 s ce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s <td>ctedImageStrategy.firstThreeDimsEqual</td> <td>1254</td> <td>0.047 s</td> <td>0.018 s</td>	ctedImageStrategy.firstThreeDimsEqual	1254	0.047 s	0.018 s
Layer>iGetOneLineDisplay 1 0.045 s 0.004 s ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify≥iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.034 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.000 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.003 s tabular.disp 1 0.034 s 0.009 s ClassLabel>ClassLabel.levels 46	tabular.display	1	0.047 s	0.003 s
ClassLabel>ClassLabel.ismember 198 0.044 s 0.009 s closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 <	close	1	0.045 s	0.003 s
closereq 2 0.043 s 0.042 s strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.001 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.009 s actClassificationECOC.analyzeLearne	<u>Layer>iGetOneLineDisplay</u>	1	0.045 s	0.004 s
strfun\private\isTextStrict 20006 0.043 s 0.043 s unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.009 s actClassificationECOC.analyzeLe	ClassLabel>ClassLabel.ismember	198	0.044 s	0.009 s
unique>uniqueR2012a 99 0.041 s 0.041 s ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.009 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	closereq	2	0.043 s	0.042 s
ismember 93 0.041 s 0.007 s Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	strfun\private\isTextStrict	20006	0.043 s	0.043 s
Layer>@(x)x.getOneLineDisplay 23 0.041 s 0.005 s redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify≥iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.009 s 0.009 s	unique>uniqueR2012a	99	0.041 s	0.041 s
redictionLearnableParameter.get.Value 5046 0.040 s 0.040 s ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	<u>ismember</u>	93	0.041 s	0.007 s
ageDatastoreMiniBatchDatasource.reset 6 0.040 s 0.001 s classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	Layer>@(x)x.getOneLineDisplay	23	0.041 s	0.005 s
classCount 35 0.038 s 0.005 s dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	redictionLearnableParameter.get.Value	5046	0.040 s	0.040 s
dummify>iMakeHorizontal 628 0.037 s 0.007 s processParallelAndStreamOptions 23 0.036 s 0.005 s ismember>ismemberR2012a 93 0.034 s 0.010 s eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	ageDatastoreMiniBatchDatasource.reset	6	0.040 s	0.001 s
processParallelAndStreamOptions230.036 s0.005 sismember>ismemberR2012a930.034 s0.010 seateImageDatastoreMiniBatchDatasource20.034 s0.000 srce.ImageDatastoreMiniBatchDatasource20.034 s0.003 stabular.disp10.034 s0.015 scell.unique860.030 s0.009 sClassLabel>ClassLabel.levels460.029 s0.008 sactClassificationECOC.analyzeLearners320.029 s0.009 s	classCount	35	0.038 s	0.005 s
ismember>ismemberR2012a930.034 s0.010 seateImageDatastoreMiniBatchDatasource20.034 s0.000 srce.ImageDatastoreMiniBatchDatasource20.034 s0.003 stabular.disp10.034 s0.015 scell.unique860.030 s0.009 sClassLabel>ClassLabel.levels460.029 s0.008 sactClassificationECOC.analyzeLearners320.029 s0.009 s	dummify>iMakeHorizontal	628	0.037 s	0.007 s
eateImageDatastoreMiniBatchDatasource 2 0.034 s 0.000 s rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	<u>processParallelAndStreamOptions</u>	23	0.036 s	0.005 s
rce.ImageDatastoreMiniBatchDatasource 2 0.034 s 0.003 s tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	ismember>ismemberR2012a	93	0.034 s	0.010 s
tabular.disp 1 0.034 s 0.015 s cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	eateImageDatastoreMiniBatchDatasource	2	0.034 s	0.000 s
cell.unique 86 0.030 s 0.009 s ClassLabel>ClassLabel.levels 46 0.029 s 0.008 s actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	rce.ImageDatastoreMiniBatchDatasource	2	0.034 s	0.003 s
ClassLabel>ClassLabel.levels460.029 s0.008 sactClassificationECOC.analyzeLearners320.029 s0.009 s	tabular.disp	1	0.034 s	0.015 s
actClassificationECOC.analyzeLearners 32 0.029 s 0.009 s	cell.unique	86	0.030 s	0.009 s
	ClassLabel>ClassLabel.levels	46	0.029 s	0.008 s
FullyConnectedImageStrategy.FourDSize 2508 0.029 s 0.029 s	actClassificationECOC.analyzeLearners	32	0.029 s	0.009 s
	FullyConnectedImageStrategy.FourDSize	2508	0.029 s	0.029 s

@categorical\private\convertCodes 25 0.027 s 0.004 s findall 5 0.026 s 0.023 s categorical.reshape 628 0.025 s 0.025 s categorical.subsref 803 0.025 s 0.025 s close≥safegetchildren 1 0.025 s 0.004 s ClassLabel>ClassLabel.ClassLabel 135 0.025 s 0.010 s ImageDatastore.setExistingCategories 4 0.024 s 0.002 s categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.024 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.023 s 0.001 s categorical.setcats 1 0.023 s 0.021 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal-nominal.ismember	newplot	4	0.027 s	0.012 s
categorical.reshape 628 0.025 s 0.025 s categorical.subsref 803 0.025 s 0.025 s close≥safegetchildren 1 0.025 s 0.004 s ClassLabel>ClassLabel.ClassLabel 135 0.025 s 0.010 s ImageDatastore.setExistingCategories 4 0.024 s 0.002 s categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.023 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.001 s a	@categorical\private\convertCodes	25	0.027 s	0.004 s
categorical.subsref 803 0.025 s 0.025 s close≥safegetchildren 1 0.025 s 0.004 s ClassLabel>ClassLabel.ClassLabel 135 0.025 s 0.010 s :ImageDatastore.setExistingCategories 4 0.024 s 0.002 s categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.003 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s	findall	5	0.026 s	0.023 s
close>safegetchildren 1 0.025 s 0.004 s ClassLabel>ClassLabel ClassLabel 135 0.025 s 0.010 s :ImageDatastore.setExistingCategories 4 0.024 s 0.002 s categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.003 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputt ayer 1 0.024 s 0.002 s categorical.setcats. 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s <	categorical.reshape	628	0.025 s	0.025 s
ClassLabel>ClassLabel ClassLabel 135 0.025 s 0.010 s :ImageDatastore.setExistingCategories 4 0.024 s 0.002 s categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.023 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.001 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s	<u>categorical.subsref</u>	803	0.025 s	0.025 s
:ImageDatastore.setExistingCategories 4 0.024 s 0.002 s categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.023 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.001 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s <td>close>safegetchildren</td> <td>1</td> <td>0.025 s</td> <td>0.004 s</td>	close>safegetchildren	1	0.025 s	0.004 s
categorical.numel 1275 0.024 s 0.024 s tastore>SplittableDatastore.delete 9 0.024 s 0.023 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s </td <td>ClassLabel>ClassLabel.ClassLabel</td> <td>135</td> <td>0.025 s</td> <td>0.010 s</td>	ClassLabel>ClassLabel.ClassLabel	135	0.025 s	0.010 s
tastore>SplittableDatastore.delete. 9 0.024 s 0.023 s helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s	;ImageDatastore.setExistingCategories	4	0.024 s	0.002 s
helperImportMatConvNet>createConv2DLayer 5 0.024 s 0.006 s s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	categorical.numel	1275	0.024 s	0.024 s
s>EnsembleParams.fillDefaultParams 1 0.024 s 0.004 s imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	tastore>SplittableDatastore.delete	9	0.024 s	0.023 s
imageInputLayer 1 0.024 s 0.002 s categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	helperImportMatConvNet>createConv2DLayer	5	0.024 s	0.006 s
categorical.setcats 1 0.023 s 0.003 s parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	s>EnsembleParams.fillDefaultParams	1	0.024 s	0.004 s
parseArgs 196 0.023 s 0.021 s FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	<u>imageInputLayer</u>	1	0.024 s	0.002 s
FullyConnected>FullyConnected.get.Bias 1265 0.023 s 0.023 s nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 sastore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 satastore>ImageDatastore.set.Labels 9 0.021 s 0.001 stConvNet>createFullyConnectedLayer 3 0.021 s 0.003 stConvOlution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 satasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 sClassificationModel.processClassNames 23 0.020 s 0.004 s	<u>categorical.setcats</u>	1	0.023 s	0.003 s
nominal.nominal>nominal.ismember 24 0.022 s 0.003 s splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	parseArgs	196	0.023 s	0.021 s
splitapply 4 0.022 s 0.010 s astore>ImageDatastore.set.ReadSize 635 0.022 s 0.008 s metaDim>metaDim.checkAgainstVarLabels 2 0.021 s 0.001 s atastore>ImageDatastore.set.Labels 9 0.021 s 0.001 s tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	FullyConnected>FullyConnected.get.Bias	1265	0.023 s	0.023 s
astore>ImageDatastore.set.ReadSize6350.022 s0.008 smetaDim>metaDim.checkAgainstVarLabels20.021 s0.001 satastore>ImageDatastore.set.Labels90.021 s0.001 stConvNet>createFullyConnectedLayer30.021 s0.003 sConvolution2D>Convolution2D.get.Bias12740.020 s0.020 satasourceDispatcher.get.MiniBatchSize18780.020 s0.015 smakeUniqueStrings20.020 s0.003 sClassificationModel.processClassNames230.020 s0.004 s	nominal.nominal>nominal.ismember	24	0.022 s	0.003 s
metaDim>metaDim.checkAgainstVarLabels20.021 s0.001 satastore>ImageDatastore.set.Labels90.021 s0.001 stConvNet>createFullyConnectedLayer30.021 s0.003 sConvolution2D>Convolution2D.get.Bias12740.020 s0.020 satasourceDispatcher.get.MiniBatchSize18780.020 s0.015 smakeUniqueStrings20.020 s0.003 sClassificationModel.processClassNames230.020 s0.004 s	<u>splitapply</u>	4	0.022 s	0.010 s
atastore>ImageDatastore.set.Labels90.021 s0.001 stConvNet>createFullyConnectedLayer30.021 s0.003 sConvolution2D>Convolution2D.get.Bias12740.020 s0.020 satasourceDispatcher.get.MiniBatchSize18780.020 s0.015 smakeUniqueStrings20.020 s0.003 sClassificationModel.processClassNames230.020 s0.004 s	astore>ImageDatastore.set.ReadSize	635	0.022 s	0.008 s
tConvNet>createFullyConnectedLayer 3 0.021 s 0.003 s Convolution2D>Convolution2D.get.Bias 1274 0.020 s 0.020 s atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	metaDim>metaDim.checkAgainstVarLabels	2	0.021 s	0.001 s
Convolution2D>Convolution2D.get.Bias12740.020 s0.020 satasourceDispatcher.get.MiniBatchSize18780.020 s0.015 smakeUniqueStrings20.020 s0.003 sClassificationModel.processClassNames230.020 s0.004 s	atastore>ImageDatastore.set.Labels	9	0.021 s	0.001 s
atasourceDispatcher.get.MiniBatchSize 1878 0.020 s 0.015 s makeUniqueStrings 2 0.020 s 0.003 s ClassificationModel.processClassNames 23 0.020 s 0.004 s	tConvNet>createFullyConnectedLayer	3	0.021 s	0.003 s
makeUniqueStrings20.020 s0.003 sClassificationModel.processClassNames230.020 s0.004 s	Convolution2D>Convolution2D.get.Bias	1274	0.020 s	0.020 s
ClassificationModel.processClassNames 23 0.020 s 0.004 s	atasourceDispatcher.get.MiniBatchSize	1878	0.020 s	0.015 s
<u> </u>	<u>makeUniqueStrings</u>	2	0.020 s	0.003 s
tore>ImageDatastore.validateLabels 9 0.020 s 0.003 s	ClassificationModel.processClassNames	23	0.020 s	0.004 s
	tore>ImageDatastore.validateLabels	9	0.020 s	0.003 s

fullfile	29	0.020 s	0.007 s
findgroups	4	0.020 s	0.003 s
tempname	23	0.020 s	0.005 s
categorical.unique	36	0.020 s	0.005 s
<u>categorical.ismember</u>	24	0.019 s	0.004 s
imageDisplayParseInputs	2	0.019 s	0.002 s
gt;InternalExternalMap.externalLayers	9	0.019 s	0.002 s
k>@(y,n)transpose(reshape(y,[],n))	158	0.019 s	0.019 s
sub2ind	663	0.019 s	0.019 s
cell.unique>celluniqueR2012a	86	0.019 s	0.019 s
ECOCParams>ECOCParams.fillDefaultParams	1	0.019 s	0.008 s
Model>ClassificationModel.maxScore	25	0.019 s	0.013 s
confusionmat	1	0.018 s	0.005 s
setdiff	2	0.018 s	0.002 s
<u>cla</u>	5	0.018 s	0.008 s
chDatasourceDispatcher.currentIndices	626	0.018 s	0.005 s
onECOC>ClassificationECOC.template	1	0.018 s	0.001 s
CacheHandle>CacheHandle.isEmpty	1930	0.017 s	0.017 s
convolution2dLayer	1	0.017 s	0.004 s
tabular.tabular>tabular.initInternals	2	0.017 s	0.002 s
loss	12	0.017 s	0.004 s
<u>attributes</u>	9	0.016 s	0.002 s
arams>EnsembleParams.makeGenerator	1	0.016 s	0.001 s
close>request_close	1	0.016 s	0.003 s
setdiff>setdiffR2012a	2	0.016 s	0.004 s
ternalMap>iConstructExternalLayers	9	0.016 s	0.012 s
gather	693	0.016 s	0.016 s

Partitioner>Partitioner.Partitioner 1 0.015 s 0.001 s table2FitMatrix 23 0.015 s 0.005 s InternalExternalMap≥iLayersMap 2 0.015 s 0.001 s icationECOC.CompactClassificationECOC 21 0.015 s 0.000 s te≥FitTemplate.makeFromModelParams 1 0.015 s 0.000 s makeUniqueStrings>makeUnique 2 0.015 s 0.004 s imageDisplayValidateParams 2 0.014 s 0.004 s 2D>Convolution2D.usingFilterGroups 3135 0.014 s 0.014 s tMiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s teded>FullyContected.start 2 0.014 s 0.002 s cted>FullyConnected,FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.003 s grp2idx 2 0.014 s 0.003 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.001 s <t< th=""><th>ternalExternalMap.InternalExternalMap</th><th>2</th><th>0.016 s</th><th>0.000 s</th></t<>	ternalExternalMap.InternalExternalMap	2	0.016 s	0.000 s
InternalExternalMap>iLayersMap	Partitioner>Partitioner.Partitioner	1	0.015 s	0.001 s
icationECOC CompactClassificationECOC 21 0.015 s 0.005 ste>FitTemplate.makeFromModelParams 1 0.015 s 0.000 s makeUniqueStrings>makeUnique 2 0.015 s 0.004 s imageDisplayValidateParams 2 0.014 s 0.004 stMiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s ismember>ismemberBuiltinTypes 90 0.014 s 0.001 stonECOC>ClassificationECOC.compact 10 0.014 s 0.002 scted>FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 se.ImageDatastore>iValidateReadSize 635 0.014 s 0.001 s categorical.subsasgn 16 0.013 s 0.009 sn>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 stion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 smean(max(0.1-bsxfun(@times.M.f)).2)/2 24 0.013 s 0.001 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.002 s	table2FitMatrix	23	0.015 s	0.005 s
te>FitTemplate.makeFromModelParams 1 0.015 s 0.000 s makeUniqueStrings>makeUnique 2 0.015 s 0.004 s imageDisplayValidateParams 2 0.014 s 0.004 s 2D>Convolution2D.usingFilterGroups 3135 0.014 s 0.014 s tiMiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s ismember>ismemberBuiltinTypes 90 0.014 s 0.001 s ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.001 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.006 s <td>InternalExternalMap>iLayersMap</td> <td>2</td> <td>0.015 s</td> <td>0.001 s</td>	InternalExternalMap>iLayersMap	2	0.015 s	0.001 s
makeUniqueStrings>makeUnique 2 0.015 s 0.004 s imageDisplayValidateParams 2 0.014 s 0.004 s 2D>Convolution2D.usingFilterGroups 3135 0.014 s 0.014 s tMiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s ismember>ismemberBuiltinTypes 90 0.014 s 0.014 s ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected.FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 s <td>icationECOC.CompactClassificationECOC</td> <td>21</td> <td>0.015 s</td> <td>0.005 s</td>	icationECOC.CompactClassificationECOC	21	0.015 s	0.005 s
imageDisplayValidateParams 2 0.014 s 0.004 s 2D>Convolution2D.usingFilterGroups 3135 0.014 s 0.014 s t.MiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s ismember>ismemberBuiltinTypes 90 0.014 s 0.014 s ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected.FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 s mean(max(0.1-bsxfun(@times.M.fl)).2)/2 24 0.013 s 0.005	te>FitTemplate.makeFromModelParams	1	0.015 s	0.000 s
2D>Convolution2D.usingFilterGroups 3135 0.014 s 0.014 s t:MiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s ismember>ismemberBuiltinTypes 90 0.014 s 0.014 s ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected.FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0.1-bsxfun(@times.M.f)).2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.002 s En	makeUniqueStrings>makeUnique	2	0.015 s	0.004 s
t:MiniBatchDatasourceDispatcher.start 2 0.014 s 0.001 s ismember>ismemberBuiltinTypes 90 0.014 s 0.014 s ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected.FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 s tabular.subsref 1 0.013 s 0.005 s repmat 100 0.013 s 0.001 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>Ensemb	<u>imageDisplayValidateParams</u>	2	0.014 s	0.004 s
ismember>ismemberBuiltinTypes 90 0.014 s 0.014 s ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 s tabular.subsref 1 0.013 s 0.001 s mean(max(0.1-bsxfun(@times.M.f)).2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.004 s EnsembleParams>Ense	2D>Convolution2D.usingFilterGroups	3135	0.014 s	0.014 s
ionECOC>ClassificationECOC.compact 10 0.014 s 0.002 s cted>FullyConnected.FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.001 s mean(max(0,1-bsxfun(@times.M.f)).2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	t;MiniBatchDatasourceDispatcher.start	2	0.014 s	0.001 s
cted>FullyConnected.FullyConnected 4 0.014 s 0.003 s basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0.1-bsxfun(@times.M.f)).2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	ismember>ismemberBuiltinTypes	90	0.014 s	0.014 s
basicImageDisplay 2 0.014 s 0.006 s findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0.1-bsxfun(@times.M.f)).2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	ionECOC>ClassificationECOC.compact	10	0.014 s	0.002 s
findgroups>localgrp2idx 4 0.014 s 0.003 s grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M,f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	cted>FullyConnected.FullyConnected	4	0.014 s	0.003 s
grp2idx 2 0.014 s 0.002 s e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M,f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	<u>basicImageDisplay</u>	2	0.014 s	0.006 s
e.ImageDatastore>iValidateReadSize 635 0.014 s 0.014 s categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M,f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	findgroups>localgrp2idx	4	0.014 s	0.003 s
categorical.subsasgn 16 0.013 s 0.009 s n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M.f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	grp2idx	2	0.014 s	0.002 s
n>tabularDimension.createLike_impl 4 0.013 s 0.001 s imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M.f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	e.ImageDatastore>iValidateReadSize	635	0.014 s	0.014 s
imageInputLayer>iParseInputArguments 1 0.013 s 0.001 s tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M,f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	categorical.subsasgn	16	0.013 s	0.009 s
tion2D>Convolution2D.Convolution2D 6 0.013 s 0.006 s tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M.f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	n>tabularDimension.createLike_impl	4	0.013 s	0.001 s
tabular.subsref 1 0.013 s 0.001 s mean(max(0,1-bsxfun(@times,M.f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	imageInputLayer>iParseInputArguments	1	0.013 s	0.001 s
mean(max(0,1-bsxfun(@times,M,f)),2)/2 24 0.013 s 0.005 s repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	tion2D>Convolution2D.Convolution2D	6	0.013 s	0.006 s
repmat 100 0.013 s 0.010 s newplot>ObserveAxesNextPlot 4 0.013 s 0.002 s EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	tabular.subsref	1	0.013 s	0.001 s
newplot>ObserveAxesNextPlot40.013 s0.002 sEnsembleParams>EnsembleParams.make10.013 s0.004 s	mean(max(0,1-bsxfun(@times,M,f)),2)/2	24	0.013 s	0.005 s
EnsembleParams>EnsembleParams.make 1 0.013 s 0.004 s	repmat	100	0.013 s	0.010 s
	newplot>ObserveAxesNextPlot	4	0.013 s	0.002 s
cvpartition>cvpartition 1 0.013 s 0.001 s	EnsembleParams>EnsembleParams.make	1	0.013 s	0.004 s
	cvpartition>cvpartition.cvpartition	1	0.013 s	0.001 s

	1	I	1
eriesNetwork.getPredictionEnvironment	1	0.013 s	0.001 s
Partitioner>Partitioner.processArgs	5	0.012 s	0.007 s
nominal.nominal>nominal.nominal	5	0.012 s	0.002 s
SeriesNetwork>SeriesNetwork.get.Layers	8	0.012 s	0.001 s
;Convolution2DLayer.getOneLineDisplay	5	0.012 s	0.004 s
mension>tabularDimension.setLabels	4	0.012 s	0.003 s
grp2idx	2	0.012 s	0.003 s
nlnMemoryImpl.cvpartitionInMemoryImpl	1	0.012 s	0.002 s
gt;ClassificationModel.get.ClassNames	26	0.012 s	0.003 s
averagePooling2dLayer	1	0.012 s	0.002 s
tabular.subsrefBraces	1	0.012 s	0.003 s
Layer>iGetLayersNames	1	0.012 s	0.004 s
opaque.char	46	0.012 s	0.009 s
maxPooling2dLayer	1	0.012 s	0.002 s
varNamesDim>varNamesDim.createLike	2	0.011 s	0.001 s
ationSVM>ClassificationSVM.compact	11	0.011 s	0.004 s
convolution2dLayer>iParseInputArguments	1	0.011 s	0.001 s
ismember>ismemberClassTypes	5	0.011 s	0.005 s
ork>SeriesNetwork.indexOutputLayer	628	0.011 s	0.011 s
getHeader	1	0.011 s	0.001 s
SeriesNetwork>@(i){1:prod(outputSize).i}	469	0.010 s	0.010 s
rtMatConvNet>createInputImageLayer	1	0.010 s	0.004 s
<u>extractParallelAndStreamFields</u>	23	0.010 s	0.003 s
<u>crossChannelNormalizationLayer</u>	1	0.010 s	0.002 s
ClassLabel>ClassLabel.labels	28	0.010 s	0.003 s
	1	0.010 s	0.001 s
<u>getHeader>getTabularHeade</u> r	l I	0.0103	0.0010

isSingleImageDefaultPos 2 0.010 s 0.007 s fullyConnectedLayer 1 0.010 s 0.003 s Network.setupNetworkForHostPrediction 1 0.010 s 0.005 s SVMParams>SVMParams.fillDefaultParams 11 0.009 s 0.009 s validatestring 63 0.009 s 0.003 s num2str 3 0.009 s 0.004 s del>ClassificationModel.get.Prior 37 0.009 s 0.005 s InternalExternalMap>iLayersConstructors 2 0.009 s 0.005 s tFullClassificationModel.processCost 23 0.009 s 0.005 s gt:ParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore reset 11 0.009 s 0.001 s titite 2 0.008 s 0.004 s tvarNamesDim validateAndAssignLabels 2 0.008 s 0.008 s atasourceDispatcher nextMiniBatchSize 626 0.008 s 0.004 s atasourceDispatcher nextMiniBatchSize 626 0.008 s 0.004 s	SVMParams>SVMParams.make	1	0.010 s	0.005 s
Network.setupNetworkForHostPrediction 1 0.010 s 0.005 s SVMParams>SVMParams.fillDefaultParams 11 0.009 s 0.009 s validatestring 63 0.009 s 0.003 s 0.003 s 0.009 s 0.004 s 0.009 s 0.004 s 0.009 s 0.004 s 0.009 s 0.005 s 0.005 s 0.005 s 0.009 s 0.005 s 0.009 s 0.005 s 0.009 s 0.006 s 0.001 s 0.001 s 0.001 s 0.001 s 0.001 s 0.002 s 0.003 s	<u>isSingleImageDefaultPos</u>	2	0.010 s	0.007 s
SVMParams>SVMParams.fillDefaultParams 11 0.009 s 0.009 s validatestring 63 0.009 s 0.003 s num2str 3 0.009 s 0.004 s odel>ClassificationModel.get.Prior 37 0.009 s 0.005 s InternalExternalMap>iL ayersConstructors 2 0.009 s 0.005 s t;FullClassificationModel.processCost 23 0.009 s 0.005 s gt;iParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s t;varNamesDim,validateAndAssignLabels 2 0.008 s 0.008 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clos 6 0.008 s 0.004 s nanmean 24 0.008 s 0.004 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.005 s mea	fullyConnectedLayer	1	0.010 s	0.003 s
validatestring 63 0.009 s 0.003 s num2str 3 0.009 s 0.004 s odel>ClassificationModel.get.Prior 37 0.009 s 0.005 s InternalExternalMap>iLayersConstructors 2 0.009 s 0.005 s t:FullClassificationModel.processCost 23 0.009 s 0.006 s gt:ParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s tvarNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s mean 25 <td< td=""><td>Network.setupNetworkForHostPrediction</td><td>1</td><td>0.010 s</td><td>0.005 s</td></td<>	Network.setupNetworkForHostPrediction	1	0.010 s	0.005 s
num2str 3 0.009 s 0.004 s odel>ClassificationModel.get.Prior 37 0.009 s 0.005 s InternalExternalMap>iLayersConstructors 2 0.009 s 0.005 s t:FullClassificationModel.processCost 23 0.009 s 0.006 s gt:iParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s t:varNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.008 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.008 s categorical.isempty. 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.005 s mean	SVMParams>SVMParams.fillDefaultParams	11	0.009 s	0.009 s
odel>ClassificationModel.get.Prior 37 0.009 s 0.005 s InternalExternalMap>iLayersConstructors 2 0.009 s 0.005 s t;FullClassificationModel.processCost 23 0.009 s 0.005 s gt;iParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s tvarNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.008 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNume	validatestring	63	0.009 s	0.003 s
InternalExternalMap>iLayersConstructors 2 0.009 s 0.005 s t:FullClassificationModel.processCost 23 0.009 s 0.005 s gt:iParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s tvarNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.005 s Layer>@(x)iWrapApostrophe(x.Name)	num2str	3	0.009 s	0.004 s
t;FullClassificationModel.processCost 23 0.009 s 0.005 s gt;iParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s t;varNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.002 s IClassifica	odel>ClassificationModel.get.Prior	37	0.009 s	0.005 s
gt.iParseAndValidateActivationsInputs 3 0.009 s 0.006 s Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s t:varNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.008 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.002 s IClassificationModel.makeClassSummary	InternalExternalMap>iLayersConstructors	2	0.009 s	0.005 s
Datastore>FileBasedDatastore.reset 11 0.009 s 0.001 s title 2 0.008 s 0.004 s t:varNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.002 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	t;FullClassificationModel.processCost	23	0.009 s	0.005 s
title 2 0.008 s 0.004 s t:varNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.006 s mean 25 0.008 s 0.008 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.002 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	gt;iParseAndValidateActivationsInputs	3	0.009 s	0.006 s
t:varNamesDim.validateAndAssignLabels 2 0.008 s 0.003 s categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.008 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.002 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	Datastore>FileBasedDatastore.reset	11	0.009 s	0.001 s
categorical.size 459 0.008 s 0.008 s atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.008 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	<u>title</u>	2	0.008 s	0.004 s
atasourceDispatcher.nextMiniBatchSize 626 0.008 s 0.004 s graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	t;varNamesDim.validateAndAssignLabels	2	0.008 s	0.003 s
graphics\private\clo 6 0.008 s 0.008 s attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	<u>categorical.size</u>	459	0.008 s	0.008 s
attributes>checkAttrs 9 0.008 s 0.004 s nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	atasourceDispatcher.nextMiniBatchSize	626	0.008 s	0.004 s
nanmean 24 0.008 s 0.002 s categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	graphics\private\clo	6	0.008 s	0.008 s
categorical.isempty 2016 0.008 s 0.008 s maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	attributes>checkAttrs	9	0.008 s	0.004 s
maxPooling2dLayer>iParseInputArguments 1 0.008 s 0.001 s table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	nanmean	24	0.008 s	0.002 s
table2FitMatrix>processArgs 23 0.008 s 0.005 s mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	<u>categorical.isempty</u>	2016	0.008 s	0.008 s
mean 25 0.008 s 0.006 s checkSupportedNumeric 103 0.008 s 0.008 s Layer>@(x)iWrapApostrophe(x.Name) 23 0.008 s 0.005 s IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	maxPooling2dLayer>iParseInputArguments	1	0.008 s	0.001 s
checkSupportedNumeric1030.008 s0.008 sLayer>@(x)iWrapApostrophe(x.Name)230.008 s0.005 sIClassificationModel.makeClassSummary230.008 s0.002 s	table2FitMatrix>processArgs	23	0.008 s	0.005 s
Layer>@(x)iWrapApostrophe(x.Name)230.008 s0.005 sIClassificationModel.makeClassSummary230.008 s0.002 s	mean	25	0.008 s	0.006 s
IClassificationModel.makeClassSummary 23 0.008 s 0.002 s	checkSupportedNumeric	103	0.008 s	0.008 s
	Layer>@(x)iWrapApostrophe(x.Name)	23	0.008 s	0.005 s
validateNetworkLayerNameOrIndex 3 0.008 s 0.002 s	lClassificationModel.makeClassSummary	23	0.008 s	0.002 s
	<u>validateNetworkLayerNameOrInde</u> x	3	0.008 s	0.002 s

assificationModel.ClassificationModel	67	0.008 s	0.004 s
>ImageInputLayer.getOneLineDisplay	1	0.008 s	0.002 s
nnected>FullyConnected.set.Weights	15	0.008 s	0.002 s
atastore>SplittableDatastore.reset	11	0.007 s	0.002 s
<u>statget</u>	69	0.007 s	0.003 s
Predictor>Predictor.Predictor	90	0.007 s	0.006 s
ClassLabel>ClassLabel.eq	152	0.007 s	0.003 s
;FullClassificationModel.processPrior	23	0.007 s	0.004 s
mat2gray	1	0.007 s	0.002 s
encodeCategorical	11	0.007 s	0.007 s
lizationLayer>iParseInputArguments	1	0.007 s	0.001 s
dimensionString	1	0.007 s	0.002 s
imageDisplayValidateParams>validateCData	2	0.006 s	0.006 s
del.FullClassificationRegressionModel	23	0.006 s	0.003 s
splitapply>localsplit	4	0.006 s	0.003 s
ion2dLayer>iConvertToCanonicalForm	1	0.006 s	0.002 s
ooling2dLayer>iParseInputArguments	1	0.006 s	0.001 s
ClassLabel>ClassLabel.subsref	21	0.006 s	0.004 s
on>tabularDimension.subs2inds_impl	2	0.006 s	0.003 s
imageInputLayer>iConvertToCanonicalForm	1	0.006 s	0.001 s
ECOCParams>ECOCParams.make	1	0.006 s	0.004 s
imageInputLayer>iCreateTransforms	2	0.006 s	0.002 s
FitTemplate>FitTemplate.setBaseArg	10	0.006 s	0.006 s
close>request_close_helper	2	0.006 s	0.004 s
graphics\private\clearscribe	1	0.006 s	0.001 s
FullyConnected>FullyConnected.set.Bias	15	0.006 s	0.002 s

ismissing. 11 0.006 s 0.001 s varNamesDim>varNamesDim.subs2inds 1 0.006 s 0.001 s MiniBatchDatasource.get.MiniBatchSize 1878 0.006 s 0.006 s allchild 3 0.006 s 0.003 s montage>createMontageImage 1 0.006 s 0.006 s dropoutLayer 1 0.006 s 0.006 s ctorOps>DisallowVectorOps.subsasgn 5 0.006 s 0.006 s int2str 53 0.005 s 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s 0.005 s 0.001 s InternalExternalMap>internalLayers 2 0.005 s 0.001 s 0.003 s UnsupportedInUlfigure 1 0.005 s 0.003 s 0.003 s tMaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.getLabels 1902 0.005 s 0.001 s classificationLayer <th>Layer>Layer.Layer</th> <th>217</th> <th>0.006 s</th> <th>0.004 s</th>	Layer>Layer.Layer	217	0.006 s	0.004 s
MiniBatchDatasource.get.MiniBatchSize 1878 0.006 s 0.006 s allchild 3 0.006 s 0.003 s montage>createMontageImage 1 0.006 s 0.006 s dropoutLayer 1 0.006 s 0.002 s ctorOps>DisallowVectorOps.subsasgn 5 0.006 s 0.006 s int2str 53 0.005 s 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s 0.001 s 0.005 s 0.001 s UnsupportedInUlfigure 1 0.005 s 0.003 s 0.003 s t.MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.getLabels 1902 0.005 s 0.005 s dictionSVM.CompactClassificationSVM 22 0.005 s 0.001 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s	<u>ismissing</u>	11	0.006 s	0.001 s
allchild 3 0.006 s 0.003 s montage≥createMontageImage 1 0.006 s 0.006 s dropoutLayer 1 0.006 s 0.002 s ctorOps>DisallowVectorOps.subsasgn 5 0.006 s 0.006 s int2str 53 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>InternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s tiMaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ficationSVM.CompactClassificationSVM 22 0.005 s 0.001 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>create	varNamesDim>varNamesDim.subs2inds	1	0.006 s	0.001 s
montage>createMontageImage 1 0.006 s 0.006 s dropoutLayer 1 0.006 s 0.002 s ctorOps>DisallowVectorOps.subsasgn 5 0.006 s 0.006 s int2str 53 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUffigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s tiMaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s tayer	MiniBatchDatasource.get.MiniBatchSize	1878	0.006 s	0.006 s
dropoutLayer 1 0.006 s 0.002 s ctorOps>DisallowVectorOps.subsasgn 5 0.006 s 0.006 s int2str 53 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.001 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s Layer>Layer.fin	allchild	3	0.006 s	0.003 s
ctorOps>DisallowVectorOps.subsasgn 5 0.006 s 0.006 s int2str 53 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s Layer>Layer getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s tMaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.004 s isString <td>montage>createMontageImage</td> <td>1</td> <td>0.006 s</td> <td>0.006 s</td>	montage>createMontageImage	1	0.006 s	0.006 s
int2str 53 0.005 s 0.005 s tabular.disp>dispVarNames 1 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.001 s Layer>Layer.findLayerByName 3 0.005 s 0.002 s Layer>Layer.fin	dropoutLayer	1	0.006 s	0.002 s
tabular.disp>dispVarNames 1 0.005 s 0.005 s Layer>Layer.getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.001 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.001 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.004 s re>SplittableDatastore.copyElement 8 0.005 s 0.003 s <td>ctorOps>DisallowVectorOps.subsasgn</td> <td>5</td> <td>0.006 s</td> <td>0.006 s</td>	ctorOps>DisallowVectorOps.subsasgn	5	0.006 s	0.006 s
Layer>Layer.getInternalLayers 3 0.005 s 0.001 s categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s tattributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.003 s isString 154 0.005 s 0.003 s	<u>int2str</u>	53	0.005 s	0.005 s
categorical.removecats 5 0.005 s 0.005 s InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.002 s classLabel>ClassLabel.numel 485 0.005 s 0.004 s isString 154 0.005 s 0.003 s	tabular.disp>dispVarNames	1	0.005 s	0.005 s
InternalExternalMap>iInternalLayers 2 0.005 s 0.001 s UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.002 s Layer>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	Layer>Layer.getInternalLayers	3	0.005 s	0.001 s
UnsupportedInUifigure 1 0.005 s 0.003 s ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.003 s isString 154 0.005 s 0.003 s	categorical.removecats	5	0.005 s	0.005 s
ullyConnected.matchWeightsToLayerSize 12 0.005 s 0.003 s t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.003 s isString 154 0.005 s 0.003 s	InternalExternalMap>iInternalLayers	2	0.005 s	0.001 s
t:MaxPooling2DLayer.getOneLineDisplay 3 0.005 s 0.002 s atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	UnsupportedInUifigure	1	0.005 s	0.003 s
atastore>ImageDatastore.get.Labels 1902 0.005 s 0.005 s ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	ullyConnected.matchWeightsToLayerSize	12	0.005 s	0.003 s
ificationSVM.CompactClassificationSVM 22 0.005 s 0.003 s classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	t;MaxPooling2DLayer.getOneLineDisplay	3	0.005 s	0.002 s
classificationLayer 1 0.005 s 0.001 s helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	atastore>ImageDatastore.get.Labels	1902	0.005 s	0.005 s
helperImportMatConvNet>createPoolLayer 3 0.005 s 0.001 s imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	ificationSVM.CompactClassificationSVM	22	0.005 s	0.003 s
imlincomb 1 0.005 s 0.001 s attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	classificationLayer	1	0.005 s	0.001 s
attributes>checkInputs 9 0.005 s 0.002 s Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	helperImportMatConvNet>createPoolLayer	3	0.005 s	0.001 s
Layer>Layer.findLayerByName 3 0.005 s 0.001 s ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	imlincomb	1	0.005 s	0.001 s
ClassLabel>ClassLabel.numel 485 0.005 s 0.002 s re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	attributes>checkInputs	9	0.005 s	0.002 s
re>SplittableDatastore.copyElement 8 0.005 s 0.004 s isString 154 0.005 s 0.003 s	Layer>Layer.findLayerByName	3	0.005 s	0.001 s
isString 154 0.005 s 0.003 s	ClassLabel>ClassLabel.numel	485	0.005 s	0.002 s
	re>SplittableDatastore.copyElement	8	0.005 s	0.004 s
<u>softmaxLayer</u> 1 0.005 s 0.001 s	isString	154	0.005 s	0.003 s
	softmaxLayer	1	0.005 s	0.001 s

ismissingkernel 11 0.005 s 0.003 s r>MajorityUndersampler.processArgs 5 0.004 s 0.003 s tastore>ImageDatastore.nextIndexes 626 0.004 s 0.004 s reluLayer 1 0.004 s 0.001 s ≥ClassificationModel.get.ScoreType 33 0.004 s 0.003 s ImageInput>ImageInput.set.AverageImage 1 0.004 s 0.001 s PositionUtils.getDevicePixelPosition 4 0.004 s 0.001 s iAssertInputDatalsValidForActivations 3 0.004 s 0.001 s ClassLabel>ClassLabel.grp2idx 11 0.004 s 0.002 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.001 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.001 s </th <th>alInternalConverter.getInternalLayers</th> <th>3</th> <th>0.005 s</th> <th>0.005 s</th>	alInternalConverter.getInternalLayers	3	0.005 s	0.005 s
lastore>ImageDatastore.nextIndexes 626 0.004 s 0.004 s reluLayer 1 0.004 s 0.001 s >ClassificationModel.get.ScoreType 33 0.004 s 0.003 s ImageInput>ImageInput.set.AverageImage 1 0.004 s 0.001 s :PositionUtils.getDevicePixelPosition 4 0.004 s 0.001 s :AssertInputDatatsValidForActivations 3 0.004 s 0.001 s ClassLabel>ClassLabel.grp2idx 11 0.004 s 0.002 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s	<u>ismissingKernel</u>	11	0.005 s	0.003 s
reluLayer 1	r>MajorityUndersampler.processArgs	5	0.004 s	0.003 s
>ClassificationModel.get.ScoreType 33 0.004 s 0.003 s ImageInput>ImageInput.set.AverageImage 1 0.004 s 0.001 s PositionUtils.getDevicePixelPosition 4 0.004 s 0.001 s AssertInputDatalsValidForActivations 3 0.004 s 0.001 s ClassLabel>ClassLabel.grp2idx 11 0.004 s 0.002 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.004 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s getParamVal 39 0.004 s 0.004 s getParamVal 39 0.004 s 0.004 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s <	tastore>ImageDatastore.nextIndexes	626	0.004 s	0.004 s
ImageInput>ImageInput.set.AverageImage 1 0.004 s 0.001 s :PositionUtils.getDevicePixeIPosition 4 0.004 s 0.001 s iAssertInputDataIsValidForActivations 3 0.004 s 0.001 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.001 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.001 s<	reluLayer	1	0.004 s	0.001 s
:PositionUtils.getDevicePixelPosition 4 0.004 s 0.001 siAssertInputDatalsValidForActivations 3 0.004 s 0.001 s ClassLabel>ClassLabel.grp2idx 11 0.004 s 0.002 sore.splitEachLabel≥getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 sansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 sre>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.001 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.001 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.001 st:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.001 s num2str>strycat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	>ClassificationModel.get.ScoreType	33	0.004 s	0.003 s
iAssertInputDataIsValidForActivations 3 0.004 s 0.001 s ClassLabel>ClassLabel.grp2idx 11 0.004 s 0.002 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadEcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s classLabel>ClassLabel.length 261 0.004 s 0.001 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.001 s <td>ImageInput>ImageInput.set.AverageImage</td> <td>1</td> <td>0.004 s</td> <td>0.001 s</td>	ImageInput>ImageInput.set.AverageImage	1	0.004 s	0.001 s
ClassLabel>ClassLabel.grp2idx 11 0.004 s 0.002 s ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i,1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s classLabel>ClassLabel.length 261 0.004 s 0.001 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.003 s SeriesNetwork>iClassNames 5 0.004 s 0.001 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s <t< td=""><td>;PositionUtils.getDevicePixelPosition</td><td>4</td><td>0.004 s</td><td>0.001 s</td></t<>	;PositionUtils.getDevicePixelPosition	4	0.004 s	0.001 s
ore.splitEachLabel>getLabelIndexes 2 0.004 s 0.004 s categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.001 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.004 s valida	iAssertInputDataIsValidForActivations	3	0.004 s	0.001 s
categorical.int32 628 0.004 s 0.004 s expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	ClassLabel>ClassLabel.grp2idx	11	0.004 s	0.002 s
expandCategorical 11 0.004 s 0.001 s ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.001 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.004 s validatestring>checkString 63 0.004 s 0.004 s	ore.splitEachLabel>getLabelIndexes	2	0.004 s	0.004 s
ansform>iHorizontalAndVerticalSize 627 0.004 s 0.004 s re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.001 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	categorical.int32	628	0.004 s	0.004 s
re>CustomReadDatastore.set.ReadFcn 1 0.004 s 0.001 s makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.001 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	expandCategorical	11	0.004 s	0.001 s
makeClassificationModelAdapter 24 0.004 s 0.003 s resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i,1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	ansform>iHorizontalAndVerticalSize	627	0.004 s	0.004 s
resizeAlongDimUsingNearestNeighbor 32 0.004 s 0.004 s getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i,1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	re>CustomReadDatastore.set.ReadFcn	1	0.004 s	0.001 s
getParamVal 39 0.004 s 0.001 s SeriesNetwork>@(i){i,1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t:changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	makeClassificationModelAdapter	24	0.004 s	0.003 s
SeriesNetwork>@(i){i.1:prod(outputSize)} 158 0.004 s 0.004 s cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t;changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	resizeAlongDimUsingNearestNeighbor	32	0.004 s	0.004 s
cell.strmatch 2 0.004 s 0.001 s ClassLabel>ClassLabel.length 261 0.004 s 0.002 s t;changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	getParamVal	39	0.004 s	0.001 s
ClassLabel>ClassLabel.length2610.004 s0.002 st;changeUnitsToDevicePixelsScopeGuard100.004 s0.001 sResampler>Resampler.processArgs50.004 s0.003 sSeriesNetwork>iClassNames10.004 s0.001 snum2str>strvrcat10.004 s0.001 svalidatestring>checkString630.004 s0.004 s	SeriesNetwork>@(i){i,1:prod(outputSize)}	158	0.004 s	0.004 s
t;changeUnitsToDevicePixelsScopeGuard 10 0.004 s 0.001 s Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	<u>cell.strmatch</u>	2	0.004 s	0.001 s
Resampler>Resampler.processArgs 5 0.004 s 0.003 s SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	ClassLabel>ClassLabel.length	261	0.004 s	0.002 s
SeriesNetwork>iClassNames 1 0.004 s 0.001 s num2str>strvrcat 1 0.004 s 0.001 s validatestring>checkString 63 0.004 s 0.004 s	t;changeUnitsToDevicePixelsScopeGuard	10	0.004 s	0.001 s
num2str>strvrcat10.004 s0.001 svalidatestring>checkString630.004 s0.004 s	Resampler>Resampler.processArgs	5	0.004 s	0.003 s
validatestring>checkString 63 0.004 s 0.004 s	SeriesNetwork>iClassNames	1	0.004 s	0.001 s
	num2str>strvrcat	1	0.004 s	0.001 s
>iSplitWeightsAlongFourthDimension 3 0.004 s 0.004 s	validatestring>checkString	63	0.004 s	0.004 s
	>iSplitWeightsAlongFourthDimension	3	0.004 s	0.004 s

Layer≥Layer,getLayerNames 3 0.004 s 0.002 s Model>ClassificationModel.get Cost 38 0.004 s 0.003 s categorical vertcat 1 0.004 s 0.001 s SVMParams>SVMParams 1 0.004 s 0.003 s helperImportMatConvNet>createMaxPool 3 0.004 s 0.001 s fullyConnectedLayer>iParseInputArguments 1 0.004 s 0.001 s splitapply>localapply 4 0.004 s 0.004 s InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.004 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.000 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.002 s tFullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tFullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s ficationOutputLayer.getPropertyGroups 1 0.004 s	ension>tabularDimension.createLike	2	0.004 s	0.001 s
categorical.vertcat 1 0.004 s 0.001 s SVMParams>SVMParams. 1 0.004 s 0.003 s helperImportMatConvNet>createMaxPool 3 0.004 s 0.001 s fullyConnectedLayer>iParseInputArguments 1 0.004 s 0.001 s splitapply>localapply 4 0.004 s 0.004 s InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.004 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.004 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s tiFullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tabular tabular>tabular.countVarInputs 2 0.004 s 0.003 s ficationOutputLayer getPropertyGroups 1 0.004 s 0.001 s MaxPooling2D>MaxPooling2D>MaxPooling2D 4 0.004 s 0.	Layer>Layer.getLayerNames	3	0.004 s	0.002 s
SVMParams>SVMParams. 1 0.004 s 0.003 s helperImportMatConvNet>createMaxPool 3 0.004 s 0.001 s fullyConnectedLayer>iParseInputArguments 1 0.004 s 0.004 s splitapply>localapply 4 0.004 s 0.004 s InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.001 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.004 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s tFullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tFullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.003 s micationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.0	Model>ClassificationModel.get.Cost	38	0.004 s	0.003 s
helperImportMatConvNet>createMaxPool 3 0.004 s 0.001 s fullyConnectedLayer>iParseInputArguments 1 0.004 s 0.001 s splitapply>localapply 4 0.004 s 0.004 s InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.001 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.000 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s re.ImageDatastore.getTrueReadSize 626 <td><u>categorical.vertcat</u></td> <td>1</td> <td>0.004 s</td> <td>0.001 s</td>	<u>categorical.vertcat</u>	1	0.004 s	0.001 s
fullyConnectedLayer>iParseInputArguments 1 0.004 s 0.001 s splitapply>localapply 4 0.004 s 0.004 s InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.001 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.004 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tificationOutputLayer.getPropertyGroups 1 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.004 s oeDispatcher.advanceCurrentStartIndex <	SVMParams>SVMParams.SVMParams	1	0.004 s	0.003 s
splitapply>localapply 4 0.004 s 0.004 s InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.001 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.004 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.004 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStartIndex	helperImportMatConvNet>createMaxPool	3	0.004 s	0.001 s
InternalExternalMap>iLayerConstructor 33 0.004 s 0.004 s imageInputLayer>iAssertValidInputSize 1 0.004 s 0.001 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.000 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStar	fullyConnectedLayer>iParseInputArguments	1	0.004 s	0.001 s
imageInputLayer>iAssertValidInputSize 1 0.004 s 0.001 s categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.000 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tabular.tabular>tabular.countVarInputs 2 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.001 s MaxPooling2D>MaxPooling2D.MaxPooling2D 4 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.003 s imlincomb>ParseInputs 1 0.003 s 0.001 s tConvNet>createLocalMapNorm2DLayer 2	splitapply>localapply	4	0.004 s	0.004 s
categorical.categories 653 0.004 s 0.004 s SeriesNetwork>iLayersMap 1 0.004 s 0.000 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tipulyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tipulyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.001 s MaxPooling2D>MaxPooling2D.MaxPooling2D 4 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.003 s tConvNet>createLocalMapNorm2DLa	InternalExternalMap>iLayerConstructor	33	0.004 s	0.004 s
SeriesNetwork>iLayersMap 1 0.004 s 0.000 s nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tabular.tabular>tabular.countVarInputs 2 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.001 s MaxPooling2D>MaxPooling2D.MaxPooling2D 4 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.003 s tConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	imageInputLayer>iAssertValidInputSize	1	0.004 s	0.001 s
nnectedHostImageStrategy.sendToDevice 1254 0.004 s 0.004 s categorical.eq 73 0.004 s 0.002 s t:FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tabular.tabular>tabular.countVarInputs 2 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.001 s MaxPooling2D>MaxPooling2D.MaxPooling2D 4 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.004 s imlincomb>ParseInputs 1 0.003 s 0.001 s strjust 1 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	<u>categorical.categories</u>	653	0.004 s	0.004 s
categorical.eq 73 0.004 s 0.002 s t;FullyConnected.matchBiasToLayerSize 12 0.004 s 0.002 s tabular.tabular>tabular.countVarInputs 2 0.004 s 0.003 s ficationOutputLayer.getPropertyGroups 1 0.004 s 0.001 s MaxPooling2D>MaxPooling2D.MaxPooling2D 4 0.004 s 0.002 s re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 s ficationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 s ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 s ceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.004 s imlincomb>ParseInputs 1 0.003 s 0.001 s strjust 1 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	SeriesNetwork>iLayersMap	1	0.004 s	0.000 s
t:FullyConnected.matchBiasToLayerSize120.004 s0.002 stabular.tabular>tabular.countVarInputs20.004 s0.003 sficationOutputLayer.getPropertyGroups10.004 s0.001 sMaxPooling2D>MaxPooling2D.MaxPooling2D40.004 s0.002 sre.ImageDatastore>iParseNameValues10.004 s0.002 sficationOutputLayer.getOneLineDisplay10.004 s0.002 sore>ImageDatastore.getTrueReadSize6260.004 s0.004 sceDispatcher.advanceCurrentStartIndex6260.004 s0.003 simlincomb>ParseInputs10.003 s0.001 sstrjust10.003 s0.001 stConvNet>createLocalMapNorm2DLayer20.003 s0.001 sPositionUtils>changeUnitsScopeGuard100.003 s0.003 s	nnectedHostImageStrategy.sendToDevice	1254	0.004 s	0.004 s
tabular.tabular>tabular.countVarInputs20.004 s0.003 sficationOutputLayer.getPropertyGroups10.004 s0.001 sMaxPooling2D>MaxPooling2D.MaxPooling2D40.004 s0.002 sre.ImageDatastore>iParseNameValues10.004 s0.002 sficationOutputLayer.getOneLineDisplay10.004 s0.002 sore>ImageDatastore.getTrueReadSize6260.004 s0.004 sceDispatcher.advanceCurrentStartIndex6260.004 s0.004 simlincomb>ParseInputs10.004 s0.003 sstrjust10.003 s0.001 stConvNet>createLocalMapNorm2DLayer20.003 s0.001 sPositionUtils>changeUnitsScopeGuard100.003 s0.003 s	<u>categorical.eq</u>	73	0.004 s	0.002 s
ficationOutputLayer.getPropertyGroups10.004 s0.001 sMaxPooling2D>MaxPooling2D.MaxPooling2D40.004 s0.002 sre.ImageDatastore>iParseNameValues10.004 s0.002 sficationOutputLayer.getOneLineDisplay10.004 s0.002 sore>ImageDatastore.getTrueReadSize6260.004 s0.004 sceDispatcher.advanceCurrentStartIndex6260.004 s0.004 simlincomb>ParseInputs10.004 s0.003 sstrjust10.003 s0.001 stConvNet>createLocalMapNorm2DLayer20.003 s0.001 sPositionUtils>changeUnitsScopeGuard100.003 s0.003 s	t;FullyConnected.matchBiasToLayerSize	12	0.004 s	0.002 s
MaxPooling2D>MaxPooling2D.MaxPooling2D40.004 s0.002 sre.ImageDatastore>iParseNameValues10.004 s0.002 sficationOutputLayer.getOneLineDisplay10.004 s0.002 sore>ImageDatastore.getTrueReadSize6260.004 s0.004 sceDispatcher.advanceCurrentStartIndex6260.004 s0.004 simlincomb>ParseInputs10.004 s0.003 sstrjust10.003 s0.001 stConvNet>createLocalMapNorm2DLayer20.003 s0.001 sPositionUtils>changeUnitsScopeGuard100.003 s0.003 s	tabular.tabular>tabular.countVarInputs	2	0.004 s	0.003 s
re.ImageDatastore>iParseNameValues 1 0.004 s 0.002 sficationOutputLayer.getOneLineDisplay 1 0.004 s 0.002 sore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 sceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.004 s imlincomb>ParseInputs 1 0.004 s 0.003 s strjust 1 0.003 s 0.001 stConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	ficationOutputLayer.getPropertyGroups	1	0.004 s	0.001 s
ficationOutputLayer.getOneLineDisplay ore>ImageDatastore.getTrueReadSize 626 0.004 s 1 0.004 s 0.004 s 0.004 s 1 0.004 s 0.004 s 1 0.004 s 0.003 s 1 0.003 s	MaxPooling2D>MaxPooling2D.MaxPooling2D	4	0.004 s	0.002 s
ore>ImageDatastore.getTrueReadSize 626 0.004 s 0.004 sceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.004 s imlincomb>ParseInputs 1 0.004 s 0.003 s strjust 1 0.003 s 0.001 stConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	re.ImageDatastore>iParseNameValues	1	0.004 s	0.002 s
ceDispatcher.advanceCurrentStartIndex 626 0.004 s 0.004 s imlincomb>ParseInputs 1 0.004 s 0.003 s strjust 1 0.003 s 0.001 s tConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	ficationOutputLayer.getOneLineDisplay	1	0.004 s	0.002 s
imlincomb>ParseInputs 1 0.004 s 0.003 s strjust 1 0.003 s 0.001 s tConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	ore>ImageDatastore.getTrueReadSize	626	0.004 s	0.004 s
strjust 1 0.003 s 0.001 s tConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	ceDispatcher.advanceCurrentStartIndex	626	0.004 s	0.004 s
tConvNet>createLocalMapNorm2DLayer 2 0.003 s 0.001 s PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	imlincomb>ParseInputs	1	0.004 s	0.003 s
PositionUtils>changeUnitsScopeGuard 10 0.003 s 0.003 s	strjust	1	0.003 s	0.001 s
<u> </u>	tConvNet>createLocalMapNorm2DLayer	2	0.003 s	0.001 s
ampler>SubspaceSampler.processArgs 5 0.003 s 0.003 s	PositionUtils>changeUnitsScopeGuard	10	0.003 s	0.003 s
	ampler>SubspaceSampler.processArgs	5	0.003 s	0.003 s

getDesktopMode 1 0.003 s 0.001 s prepareForPredictECOC 12 0.003 s 0.003 s Generator≥Generator.updateWithT 10 0.003 s 0.001 s classiferror 1 0.003 s 0.003 s statset 13 0.003 s 0.003 s FitTemplate>FitTemplate.setInputArg 1 0.003 s 0.001 s ModelParams>ModelParams.ModelParams 3 0.003 s 0.003 s removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.001 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.001 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.001 s cetictonReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s centerImageTransform.set.AverageIm	>iCheckAndReturnValidNormalization	1	0.003 s	0.001 s
Generator>Generator.updateWithT 10 0.003 s 0.001 s classiferror 1 0.003 s 0.003 s statset 13 0.003 s 0.001 s EitTemplate>FitTemplate.setInputArg 1 0.003 s 0.001 s ModelParams>ModelParams.ModelParams 3 0.003 s 0.003 s removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cypartition>cypartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categoricallyrivate\checkCategoryNames 1 0.003 s 0.003 s CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s mg2dLayer>iConvertToCanonicalForm 1 0.003 s 0.003 s <t< td=""><td><u>getDesktopMode</u></td><td>1</td><td>0.003 s</td><td>0.001 s</td></t<>	<u>getDesktopMode</u>	1	0.003 s	0.001 s
classiferror 1 0.003 s 0.003 s statset 13 0.003 s 0.003 s FitTemplate>FitTemplate.setInputArg 1 0.003 s 0.001 s ModelParams>ModelParams 3 0.003 s 0.003 s removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s walidatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.000 s CenterImageTransform.set.AverageIm	prepareForPredictECOC	12	0.003 s	0.003 s
statset 13 0.003 s 0.003 s EitTemplate>FitTemplate.setInputArg 1 0.003 s 0.001 s ModelParams>ModelParams.ModelParams 3 0.003 s 0.003 s removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.003 s <	Generator>Generator.updateWithT	10	0.003 s	0.001 s
FitTemplate>FitTemplate.setInputArg 1 0.003 s 0.001 s ModelParams>ModelParams 3 0.003 s 0.003 s removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cypartition>cypartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.003 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.001 s	classiferror	1	0.003 s	0.003 s
ModelParams>ModelParams. ModelParams 3 0.003 s 0.003 s removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.003 s	<u>statset</u>	13	0.003 s	0.003 s
removenan 1 0.003 s 0.001 s montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s mageDisplayParsePVPairs 2 0.003 s 0.001 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s	FitTemplate>FitTemplate.setInputArg	1	0.003 s	0.001 s
montage>parse_inputs 1 0.003 s 0.002 s CenterImageTransform.get.AverageImage 1254 0.003 s 0.003 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.001 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[],n) 469 0.003 s 0.002 s	ModelParams>ModelParams.ModelParams	3	0.003 s	0.003 s
CenterImage Transform.get.AverageImage 1254 0.003 s 0.003 s cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[].n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	removenan	1	0.003 s	0.001 s
cvpartition>cvpartition.training 10 0.003 s 0.001 s redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.001 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.003 s SeriesNetwork>@(y,n)reshape(y,[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	montage>parse_inputs	1	0.003 s	0.002 s
redictionLearnableParameter.set.Value 40 0.003 s 0.001 s validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y,n)reshape(y,[],n) 469 0.003 s 0.002 s partialMatchString 62 0.003 s 0.002 s	CenterImageTransform.get.AverageImage	1254	0.003 s	0.003 s
validatePaths 2 0.003 s 0.002 s @categorical\private\checkCategoryNames 1 0.003 s 0.003 s ;CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[].n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	cvpartition>cvpartition.training	10	0.003 s	0.001 s
@categorical\private\checkCategoryNames 1 0.003 s 0.003 s :CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[].n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	redictionLearnableParameter.set.Value	40	0.003 s	0.001 s
:CustomReadDatastore.set.SplitterName 1 0.003 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y,n)reshape(y,[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	<u>validatePaths</u>	2	0.003 s	0.002 s
ing2dLayer>iConvertToCanonicalForm 1 0.003 s 0.001 s strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y,n)reshape(y,[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	@categorical\private\checkCategoryNames	1	0.003 s	0.003 s
strmatch 2 0.003 s 0.003 s @categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y,[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	;CustomReadDatastore.set.SplitterName	1	0.003 s	0.001 s
@categorical\private\strings2codes 1 0.003 s 0.002 s CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	ing2dLayer>iConvertToCanonicalForm	1	0.003 s	0.001 s
CenterImageTransform.set.AverageImage 1 0.003 s 0.000 s imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	strmatch	2	0.003 s	0.003 s
imageDisplayParsePVPairs 2 0.003 s 0.003 s varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	@categorical\private\strings2codes	1	0.003 s	0.002 s
varNamesDim>varNamesDim.selectFrom 1 0.003 s 0.001 s del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[].n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	CenterImageTransform.set.AverageImage	1	0.003 s	0.000 s
del>PartitionedModel.checkFoldArgs 2 0.003 s 0.001 s strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y.n)reshape(y.[].n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	<u>imageDisplayParsePVPairs</u>	2	0.003 s	0.003 s
strjust>strjustOnChar 1 0.003 s 0.003 s SeriesNetwork>@(y,n)reshape(y,[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	varNamesDim>varNamesDim.selectFrom	1	0.003 s	0.001 s
SeriesNetwork>@(y,n)reshape(y,[],n) 469 0.003 s 0.003 s partialMatchString 62 0.003 s 0.002 s	del>PartitionedModel.checkFoldArgs	2	0.003 s	0.001 s
partialMatchString 62 0.003 s 0.002 s	strjust>strjustOnChar	1	0.003 s	0.003 s
	SeriesNetwork>@(y,n)reshape(y,[],n)	469	0.003 s	0.003 s
<u>getWorkArea</u> 2 0.003 s 0.001 s	partialMatchString	62	0.003 s	0.002 s
	getWorkArea	2	0.003 s	0.001 s

elNormalizationLayer>iCreateParser 1 0.003 s 0.003 s getParamVal 39 0.003 s 0.002 s generateArgumentDescriptor 9 0.003 s 0.001 s dSplitter.WholeFileCustomReadSplitter 5 0.003 s 0.001 s ore>ImageDatastore.validateReadEcn 1 0.003 s 0.001 s ctory>ImageTransformFactory.create 2 0.003 s 0.001 s splitapply>getVarRows 8 0.003 s 0.001 s mension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 s gt.Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy CrossEntropy 2 0.003 s 0.002 s scypartitionImpl>cypartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s	ClassificationModel.removeMissingVals	23	0.003 s	0.001 s
generateArgumentDescriptor 9 0.003 s 0.003 s dSplitter.WholeFileCustomReadSplitter 5 0.003 s 0.001 s ore>ImageDatastore.validateReadFcn 1 0.003 s 0.001 s ctory>ImageTransformFactory.create 2 0.003 s 0.000 s splitappty>getVarRows 8 0.003 s 0.001 s mension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 s gt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy.CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>ccypartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s <	elNormalizationLayer>iCreateParser	1	0.003 s	0.003 s
dSplitter.WholeFileCustomReadSplitter 5 0.003 s 0.001 s ore>ImageDatastore.validateReadFcn 1 0.003 s 0.001 s ctory>ImageTransformFactory.create 2 0.003 s 0.000 s splitapply>getVarRows 8 0.003 s 0.001 s mension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 s gt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy.CrossEntropy 2 0.003 s 0.002 s cvpartitionImpl>ccypartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s categorical.private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.001 s	getParamVal	39	0.003 s	0.002 s
ore>ImageDatastore.validateReadFcn 1 0.003 s 0.001 sctory>ImageTransformFactory.create 2 0.003 s 0.000 s splitapply>getVarRows 8 0.003 s 0.001 smension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 sgt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy.CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s draphics\private\claNotify 5 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s categorical.cat 2 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s categorical.cat 2 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s categorical.cat 7 0.003 s 0.001 s isprop 1 0.003 s 0.003 s 0.001 s	generateArgumentDescriptor	9	0.003 s	0.003 s
ctory>ImageTransformFactory.create 2 0.003 s 0.000 s splitapply>getVarRows 8 0.003 s 0.001 s mension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 s gt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy.CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.003 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\clanvotate\clanvotate\clanvotate\clanvotate 1 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s	dSplitter.WholeFileCustomReadSplitter	5	0.003 s	0.001 s
splitapply>getVarRows 8 0.003 s 0.001 s mension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 s gt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s 0.003 s cellstr 48 0.003 s 0.001 s sprop 1 0.00	ore>ImageDatastore.validateReadFcn	1	0.003 s	0.001 s
mension>tabularDimension.subs2inds 1 0.003 s 0.001 s desktop 1 0.003 s 0.001 s gt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy. CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s 0.002 s findgroups>parseInput 4 0.003 s 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s helperImportMatConvNet>createRet_ULayer 7 0.003 s 0.003 s	ctory>ImageTransformFactory.create	2	0.003 s	0.000 s
desktop 1 0.003 s 0.001 s gt:Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t.DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.001 s gld.argname.argpos.isAttributeScalar)	splitapply>getVarRows	8	0.003 s	0.001 s
gt;Convolution2D.forwardPropagateSize 20 0.003 s 0.002 s CrossEntropy>CrossEntropy.CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.003 s 0.003 s categorical.isundefined 60 0.003 s 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s 0.001 s sprop 1 0.003 s 0.001 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.003 s 0.003 s t:DisallowVectorOps.DisallowVectorOps 102 0.	mension>tabularDimension.subs2inds	1	0.003 s	0.001 s
CrossEntropy>CrossEntropy. CrossEntropy 2 0.003 s 0.002 s initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.002 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t:DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.001 s gld.argname.argpos.isAttributeScalar) 9 0.003 s 0.001 s	<u>desktop</u>	1	0.003 s	0.001 s
initSize>calculateDimensions 2 0.003 s 0.002 s cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.002 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t:DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.001 s gld.argname.argpos.isAttributeScalar) 9 0.003 s 0.001 s	gt;Convolution2D.forwardPropagateSize	20	0.003 s	0.002 s
cvpartitionImpl>cvpartitionImpl.rerandom 1 0.003 s 0.001 s categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.002 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t:DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld.argname.argpos.isAttributeScalar) 9 0.003 s 0.001 s	CrossEntropy>CrossEntropy.CrossEntropy	2	0.003 s	0.002 s
categorical.isvector 675 0.003 s 0.003 s findgroups>parseInput 4 0.003 s 0.002 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t:DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	initSize>calculateDimensions	2	0.003 s	0.002 s
findgroups>parseInput 4 0.003 s 0.002 s categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld.argname.argpos.isAttributeScalar) 9 0.003 s 0.001 s	cvpartitionImpl>cvpartitionImpl.rerandom	1	0.003 s	0.001 s
categorical.isundefined 60 0.003 s 0.003 s graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t:DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld.argname.argpos.isAttributeScalar) 9 0.003 s 0.001 s	<u>categorical.isvector</u>	675	0.003 s	0.003 s
graphics\private\claNotify 5 0.003 s 0.003 s convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	findgroups>parseInput	4	0.003 s	0.002 s
convolution2dLayer>iCreateParser 1 0.003 s 0.003 s categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	<u>categorical.isundefined</u>	60	0.003 s	0.003 s
categorical.cat 1 0.003 s 0.003 s cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	graphics\private\claNotify	5	0.003 s	0.003 s
cellstr 48 0.003 s 0.003 s Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	convolution2dLayer>iCreateParser	1	0.003 s	0.003 s
Softmax>Softmax.Softmax 2 0.003 s 0.001 s isprop 1 0.003 s 0.001 s helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 s t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 s gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	<u>categorical.cat</u>	1	0.003 s	0.003 s
isprop10.003 s0.001 shelperImportMatConvNet>createReLULayer70.003 s0.001 st;DisallowVectorOps.DisallowVectorOps1020.003 s0.003 sgld,argname,argpos,isAttributeScalar)90.003 s0.001 s	cellstr	48	0.003 s	0.003 s
helperImportMatConvNet>createReLULayer 7 0.003 s 0.001 st;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 sgld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	Softmax>Softmax.Softmax	2	0.003 s	0.001 s
t;DisallowVectorOps.DisallowVectorOps 102 0.003 s 0.003 sgld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	isprop	1	0.003 s	0.001 s
gld,argname,argpos,isAttributeScalar) 9 0.003 s 0.001 s	helperImportMatConvNet>createReLULayer	7	0.003 s	0.001 s
7	t;DisallowVectorOps.DisallowVectorOps	102	0.003 s	0.003 s
Modifier>Modifier.modifyWithT 10 0.003 s 0.002 s	gld,argname,argpos,isAttributeScalar)	9	0.003 s	0.001 s
	Modifier>Modifier.modifyWithT	10	0.003 s	0.002 s

ImageInputLayer>i3DSizeToString 1 0.003 s 0.001 s ificationModel.removeZeroPriorAndCost 12 0.002 s 0.002 s IClassificationRegressionModel.get.X 1 0.002 s 0.002 s ≥AveragePooling2D.AveragePooling2D 1 0.002 s 0.002 s ≥AveragePooling2D.AveragePooling2D 1 0.002 s 0.001 s EullyConnectedLayer.getOneLineDisplay 3 0.002 s 0.001 s EullyConnectedLayer.getOneLineDisplay 2 0.002 s 0.001 s EullyConnectedLayer.getOneLineDisplay 2 0.002 s 0.001 s IngertineCondlayer.getOneLineDisplay 2 0.002 s 0.001 s EullyConnectedLayer.getOneLineDisplay 2 0.002 s 0.001 s	mportMatConvNet>getConvLayerParams	8	0.003 s	0.002 s
IIClassificationRegressionModel.get.X 1 0.002 s 0.002 s SVMImpl>SVMImpl.compact 11 0.002 s 0.002 s >AveragePooling2D.AveragePooling2D 1 0.002 s 0.002 s FullyConnectedLayer.getOneLineDisplay 3 0.002 s 0.001 s isTheStringSame 12 0.002 s 0.001 s ZeroCenterImageTransform>iMeanPerChannel 1 0.002 s 0.001 s Convolution2D>Convolution2D.set.Weights 23 0.002 s 0.002 s ing2dLayer>iConvertToCanonicalForm 1 0.002 s 0.001 s PositionUtils.setDevicePixelPosition 4 0.002 s 0.001 s astore.splitEachLabel>getFileCount 2 0.002 s 0.002 s rm2D>LocalMapNorm2D LocalMapNorm2D 3 0.002 s 0.002 s rm2D>LocalMapNorm2D.LocalMapNorm2D 3 0.002 s 0.002 s lassificationModel.get.ContinuousLoss 21 0.002 s 0.001 s lassificationModel.get.ContinuousLoss 21 0.002 s 0.001 s wtwrk>iDispatchesImagesSmal	ImageInputLayer>i3DSizeToString	1	0.003 s	0.001 s
SVMImpl>SVMImpl.compact 11 0.002 s 0.002 s >AveragePooling2D. AveragePooling2D 1 0.002 s 0.002 s FullyConnectedLayer.getOneLineDisplay 3 0.002 s 0.001 s isTheStringSame 12 0.002 s 0.001 s ZeroCenterImageTransform>iMeanPerChannel 1 0.002 s 0.001 s Convolution2D>Convolution2D.set.Weights 23 0.002 s 0.002 s ing2dLayer>iConvertToCanonicalForm 1 0.002 s 0.001 s ing2dLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s ing2dLayer>iConvertToCanonicalForm 2 0.002 s 0.002 s ing2dLayerSetWellayer 627	ificationModel.removeZeroPriorAndCost	12	0.002 s	0.002 s
>AveragePooling2D.AveragePooling2D 1 0.002 s 0.002 sFullyConnectedLayer.getOneLineDisplay 3 0.002 s 0.001 s isTheStringSame 12 0.002 s 0.001 sFullyConnectedLayer.getOneLineDisplay 3 0.002 s 0.001 sFullyConnectedLayer.getOneLineDisplay 1 0.002 s 0.001 sFullyConnectedLayer.getOnelineDisplay 2 0.002 s 0.001 sFullyConvolution2D>Convolution2D.set.Weights 2 0.002 s 0.002 s 0.002 sFullyConvertToCanonicalForm 1 0.002 s 0.001 sFoositionUtils.setDevicePixelPosition 4 0.002 s 0.001 sFullyConvertToCanonicalForm 2 0.002 s 0.002 s 0.002 sFullyColored 2 0.002 s 0.002 s 0.002 sFullyColored 3 0.002 s 0.002 s 0.002 sFullyColored 2 0.002 s 0.002 s 0.002 sFullyColored 2 0.002 s 0.002 s 0.001 sFullyColored 2 0.002 s 0.001 sFullyColored 3 0.002 s 0.002 s 0.002 sFullyColored 3 0.002 s 0.002 s 0.002 sFullyColored 3 0.002 s 0.002 s 0.002 s 0.002 sFullyColored 3 0.002 s 0.001 sFullyColored 3 0.00	llClassificationRegressionModel.get.X	1	0.002 s	0.002 s
FullyConnectedLayer.getOneLineDisplay 3 0.002 s 0.001 s isTheStringSame 12 0.002 s 0.001 s ZeroCenterImageTransform>iMeanPerChannel 1 0.002 s 0.001 s Convolution2D>Convolution2D.set.Weights 23 0.002 s 0.002 s ing2dLayer>iConvertToCanonicalForm 1 0.002 s 0.001 s :PositionUtils.setDevicePixelPosition 4 0.002 s 0.001 s astore.splitEachLabel>getFileCount 2 0.002 s 0.002 s rm2D>LocalMapNorm2D.LocalMapNorm2D 3 0.002 s 0.002 s SeriesNetwork>iInputLayerHasTransforms 627 0.002 s 0.001 s lassificationModel.get.ContinuousLoss 21 0.002 s 0.001 s stomReadDatastore.CustomReadDatastore 1 0.002 s 0.001 s twork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 s mageInput>ImageInput.predict 627 0.002 s 0.002 s ompactClassificationECOC.get.IsLinear 12 0.002 s 0.002 s Convolution2D>ilsTh	SVMImpl>SVMImpl.compact	11	0.002 s	0.002 s
isTheStringSame 12 0.002 s 0.001 s ZeroCenterImageTransform>iMeanPerChannel 1 0.002 s 0.001 s Convolution2D>Convolution2D.set.Weights 23 0.002 s 0.002 s ing2dLayer>iConvertToCanonicalForm 1 0.002 s 0.001 s astore.splitEachLabel>getFileCount 2 0.002 s 0.002 s mastore.splitEachLabel>getFileCount 2 0.002 s 0.002 s mastore.splitEachLabel>getFileCount 2 0.002 s 0.002 s mastore.splitEachLabel.portEachLayerHasTransforms 627 0.002 s 0.002 s mageTransformFactory>iDoCreate 2 0.002 s 0.001 s lassificationModel.get.ContinuousLoss 21 0.002 s 0.001 s twork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 s twork>iDispat	>AveragePooling2D.AveragePooling2D	1	0.002 s	0.002 s
ZeroCenterImageTransform>iMeanPerChannel10.002 s0.001 sConvolution2D>Convolution2D.set.Weights230.002 s0.002 sing2dLayer≥iConvertToCanonicalForm10.002 s0.001 s:PositionUtils.setDevicePixelPosition40.002 s0.001 s:astore.splitEachLabel>getFileCount20.002 s0.002 s:rm2D>LocalMapNorm2D.LocalMapNorm2D30.002 s0.002 s:rm2D>LocalMapNorm2D.LocalMapNorm2D30.002 s0.002 sSeriesNetwork>iInputLayerHasTransforms6270.002 s0.002 sImageTransformFactory>iDoCreate20.002 s0.001 slassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.lsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>ilmageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	FullyConnectedLayer.getOneLineDisplay	3	0.002 s	0.001 s
Convolution2D>Convolution2D.set.Weights230.002 s0.002 sing2dLayer>iConvertToCanonicalForm10.002 s0.001 s:PositionUtils.setDevicePixelPosition40.002 s0.001 sastore.splitEachLabel>getFileCount20.002 s0.002 srm2D>LocalMapNorm2D.LocalMapNorm2D30.002 s0.002 sseriesNetwork>iInputLayerHasTransforms6270.002 s0.002 sImageTransformFactory>iDoCreate20.002 s0.001 slassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sRel_ULayer>Rel_ULayer.Rel_ULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>iImageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	<u>isTheStringSame</u>	12	0.002 s	0.001 s
ing2dLayer>iConvertToCanonicalForm 1 0.002 s 0.001 s :PositionUtils.setDevicePixelPosition 4 0.002 s 0.001 s astore.splitEachLabel>getFileCount 2 0.002 s 0.002 s rm2D>LocalMapNorm2D.LocalMapNorm2D 3 0.002 s 0.002 s rm2D>LocalMapNorm2D.LocalMapNorm2D 3 0.002 s 0.002 s SeriesNetwork>iInputLayerHasTransforms 627 0.002 s 0.002 s ImageTransformFactory>iDoCreate 2 0.002 s 0.001 s lassificationModel.get.ContinuousLoss 21 0.002 s 0.001 s stomReadDatastore.CustomReadDatastore 1 0.002 s 0.001 s twork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 s twork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 s mageImput>ImageInput.predict 627 0.002 s 0.002 s ompactClassificationECOC.get.lsLinear 12 0.002 s 0.002 s ompactClassificationEcoc.get.lsLinear 5 0.002 s 0.001 s ReLULayer>	ZeroCenterImageTransform>iMeanPerChannel	1	0.002 s	0.001 s
:PositionUtils.setDevicePixelPosition 4 0.002 s 0.001 sastore.splitEachLabel>getFileCount 2 0.002 s 0.002 srm2D>LocalMapNorm2D.LocalMapNorm2D 3 0.002 s 0.002 s SeriesNetwork>iInputLayerHasTransforms 627 0.002 s 0.002 s ImageTransformFactory>iDoCreate 2 0.002 s 0.001 slassificationModel.get.ContinuousLoss 21 0.002 s 0.001 sstomReadDatastore.CustomReadDatastore 1 0.002 s 0.001 stwork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 stwork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 s ImageInput>ImageInput.predict 627 0.002 s 0.002 sompactClassificationECOC.get.IsLinear 12 0.002 s 0.002 s Convolution2D>iIsTheStringSame 5 0.002 s 0.001 s ReLULayer>ReLULayer 64 0.002 s 0.001 s MiniBatchDatasourceDispatcher>iImageSize 2 0.002 s 0.001 sINormalizationLayer.getOneLineDisplay 2 0.002 s 0.001 s	Convolution2D>Convolution2D.set.Weights	23	0.002 s	0.002 s
astore.splitEachLabel>getFileCount20.002 s0.002 srm2D>LocalMapNorm2D.LocalMapNorm2D30.002 s0.002 sSeriesNetwork>iInputLayerHasTransforms6270.002 s0.002 sImageTransformFactory>iDoCreate20.002 s0.001 slassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>ilmageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	ing2dLayer>iConvertToCanonicalForm	1	0.002 s	0.001 s
rm2D>LocalMapNorm2D.LocalMapNorm2D30.002 s0.002 sSeriesNetwork>iInputLayerHasTransforms6270.002 s0.002 sImageTransformFactory>iDoCreate20.002 s0.001 slassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>iImageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	;PositionUtils.setDevicePixelPosition	4	0.002 s	0.001 s
SeriesNetwork>iInputLayerHasTransforms6270.002 s0.002 sImageTransformFactory>iDoCreate20.002 s0.001 slassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>iImageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	astore.splitEachLabel>getFileCount	2	0.002 s	0.002 s
ImageTransformFactory>iDoCreate20.002 s0.001 slassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>iIsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>iImageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	rm2D>LocalMapNorm2D.LocalMapNorm2D	3	0.002 s	0.002 s
lassificationModel.get.ContinuousLoss210.002 s0.001 sstomReadDatastore.CustomReadDatastore10.002 s0.001 stwork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>ilmageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	SeriesNetwork>iInputLayerHasTransforms	627	0.002 s	0.002 s
stomReadDatastore.CustomReadDatastore 1 0.002 s 0.001 stwork>iDispatchesImagesSmallerThan 3 0.002 s 0.001 s parseOptimizationArgs 1 0.002 s 0.001 s ImageInput>ImageInput.predict 627 0.002 s 0.002 s ompactClassificationECOC.get.IsLinear 12 0.002 s 0.002 s Convolution2D>iIsTheStringSame 5 0.002 s 0.001 s ReLULayer>ReLULayer.ReLULayer 64 0.002 s 0.001 s MiniBatchDatasourceDispatcher>iImageSize 2 0.002 s 0.001 s INormalizationLayer.getOneLineDisplay 2 0.002 s 0.001 s	ImageTransformFactory>iDoCreate	2	0.002 s	0.001 s
twork>iDispatchesImagesSmallerThan30.002 s0.001 sparseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>iIsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>iImageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	lassificationModel.get.ContinuousLoss	21	0.002 s	0.001 s
parseOptimizationArgs10.002 s0.001 sImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>ilmageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	stomReadDatastore.CustomReadDatastore	1	0.002 s	0.001 s
ImageInput>ImageInput.predict6270.002 s0.002 sompactClassificationECOC.get.IsLinear120.002 s0.002 sConvolution2D>iIsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>iImageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	twork>iDispatchesImagesSmallerThan	3	0.002 s	0.001 s
ompactClassificationECOC.get.IsLinear 12 0.002 s 0.002 s Convolution2D>iIsTheStringSame 5 0.002 s 0.001 s ReLULayer>ReLULayer.ReLULayer 64 0.002 s 0.001 s MiniBatchDatasourceDispatcher>iImageSize 2 0.002 s 0.001 s INormalizationLayer.getOneLineDisplay 2 0.002 s 0.001 s	<u>parseOptimizationArgs</u>	1	0.002 s	0.001 s
Convolution2D>ilsTheStringSame50.002 s0.001 sReLULayer>ReLULayer.ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>ilmageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	ImageInput>ImageInput.predict	627	0.002 s	0.002 s
ReLULayer>ReLULayer640.002 s0.001 sMiniBatchDatasourceDispatcher>ilmageSize20.002 s0.001 sINormalizationLayer.getOneLineDisplay20.002 s0.001 s	ompactClassificationECOC.get.lsLinear	12	0.002 s	0.002 s
MiniBatchDatasourceDispatcher>iImageSize 2 0.002 s 0.001 s INormalizationLayer.getOneLineDisplay 2 0.002 s 0.001 s	Convolution2D>ilsTheStringSame	5	0.002 s	0.001 s
INormalizationLayer.getOneLineDisplay 2 0.002 s 0.001 s	ReLULayer>ReLULayer.ReLULayer	64	0.002 s	0.001 s
	MiniBatchDatasourceDispatcher>ilmageSize	2	0.002 s	0.001 s
t;WholeFileSplitter.WholeFileSplitter 5 0.002 s 0.001 s	INormalizationLayer.getOneLineDisplay	2	0.002 s	0.001 s
	t;WholeFileSplitter.WholeFileSplitter	5	0.002 s	0.001 s

opaque.toChar	23	0.002 s	0.001 s
er>ImageInputLayer.ImageInputLayer	10	0.002 s	0.001 s
cvpartitionImpl>cvpartitionImpl.training	10	0.002 s	0.002 s
t;preParseInputsForSpatialReferencing	2	0.002 s	0.002 s
fullfile>fixIRI	2	0.002 s	0.001 s
m>varNamesDim.checkDuplicateLabels	2	0.002 s	0.001 s
removenan	1	0.002 s	0.002 s
ECOCParams>ECOCParams.ECOCParams	1	0.002 s	0.001 s
ReLU>ReLU.ReLU	8	0.002 s	0.001 s
dropoutLayer>iParseInputArguments	1	0.002 s	0.001 s
<u>iscategorical</u>	632	0.002 s	0.002 s
attributes>findSupportedAttr	9	0.002 s	0.002 s
ScalarLayerDisplay.ScalarLayerDisplay	217	0.002 s	0.002 s
n>tabularDimension.selectFrom_impl	1	0.002 s	0.002 s
fitcecoc>@(x)x.Method	1	0.002 s	0.001 s
SeriesNetwork>iDetermineLayerOutputSize	3	0.002 s	0.002 s
imageInputLayer>iCreateParser	1	0.002 s	0.002 s
dStream>RandStream.getGlobalStream	12	0.002 s	0.000 s
Generator>Generator.updateT	10	0.002 s	0.002 s
validatestring>checkInputs	63	0.002 s	0.002 s
@categorical\private\reconcileCategories	73	0.002 s	0.002 s
Convolution2DLayer.Convolution2DLayer	46	0.002 s	0.001 s
ClassLabel>ClassLabel.ismissing	23	0.002 s	0.002 s
ted>FullyConnected.getHostStrategy	7	0.002 s	0.001 s
Convolution2D>Convolution2D.set.Bias	23	0.002 s	0.002 s
l>ClassificationModel.getScoreType	33	0.002 s	0.002 s
ositionUtils.getDevicePixelScreenSize	2	0.002 s	0.000 s

ImageInput≥ImageInput ImageInput 2 0.002 s 0.002 s ClassLabel>ClassLabel.subsasgn 1 0.002 s 0.001 s able>Externalizable Externalizable 217 0.002 s 0.002 s categorical>categorical.castCodes 63 0.002 s 0.002 s categorical>categorical.castCodes 63 0.002 s 0.002 s concreteSubclassOf 1 0.002 s 0.002 s GPUShouldBeUsed 1 0.002 s 0.001 s maxPooling2dLayer>iCreateParser 1 0.002 s 0.002 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s :Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s <td< th=""><th>cvpartitionImpl>stra_kfoldcv</th><th>1</th><th>0.002 s</th><th>0.002 s</th></td<>	cvpartitionImpl>stra_kfoldcv	1	0.002 s	0.002 s
able>Externalizable.Externalizable 217 0.002 s 0.002 s categorical>categorical.castCodes 63 0.002 s 0.002 s categoricalsocof 1 0.002 s 0.002 s convolution2dLayer>iCreateParser 1 0.002 s 0.001 s convolution2dLayer>iCreateParser 1 0.002 s 0.000 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.001 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.001 s convolution2D.setupForHostPrediction 5 0.002 s 0.001 s convolution2D.setupForHostPrediction 5 0.002 s 0.001 s convolution2D.setupForHostPrediction 5 0.002 s 0.002 s sificationPartitionedModel.get.Prior 1 0.002 s 0.002 s sificationPartitionedModel.get.Prior 1 0.002 s 0.000 s sificationPartitionedModel.get.Prior 1 0.002 s 0.000 s sificationPartitionedModel.get.Prior 1 0.002 s 0.000 s sificationPartitionedModel.get.Prior 1 0.002 s 0.001 s sificationPartitionedModel.get.	ImageInput>ImageInput.ImageInput	2	0.002 s	0.002 s
categorical>categorical.castCodes 63 0.002 s 0.002 s rmfield 2 0.002 s 0.002 s isConcreteSubclassOf 1 0.002 s 0.002 s GPUShouldBeUsed 1 0.002 s 0.001 s maxPooling2dLayer>iCreateParser 1 0.002 s 0.002 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabeLisempty 218 0.002 s 0.001 s :Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.001 s MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s	ClassLabel>ClassLabel.subsasgn	1	0.002 s	0.001 s
rmfield 2 0.002 s 0.002 s isConcreteSubclassOf 1 0.002 s 0.002 s GPUShouldBeUsed 1 0.002 s 0.001 s maxPooling2dLayer>iCreateParser 1 0.002 s 0.002 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty. 218 0.002 s 0.001 s :Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s IlyConnectedLayer FullyConnectedLayer 28 0.002 s	able>Externalizable.Externalizable	217	0.002 s	0.002 s
isConcreteSubclassOf 1 0.002 s 0.002 s GPUShouldBeUsed 1 0.002 s 0.001 s maxPooling2dLayer>iCreateParser 1 0.002 s 0.002 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s :Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.001 s sificationPartitionedModel.get.Prior 1 0.002 s 0.001 s sificationPartitionedModel.get.Prior 1 0.002 s 0.002 s ismissingKernel>arraySwitch 11 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s	categorical>categorical.castCodes	63	0.002 s	0.002 s
GPUShouldBeUsed 1 0.002 s 0.001 s maxPooling2dLayer>iCreateParser 1 0.002 s 0.002 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s ;Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s sificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.001 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t.MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s	rmfield	2	0.002 s	0.002 s
maxPooling2dLayer>iCreateParser 1 0.002 s 0.002 s convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s :Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizelsGreaterThanPaddingSize	<u>isConcreteSubclassOf</u>	1	0.002 s	0.002 s
convolution2dLayer>iCalculatePaddingMode 1 0.002 s 0.000 s categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizelsGreaterThanPaddingSize 1 0.002 s 0.000 s	GPUShouldBeUsed	1	0.002 s	0.001 s
categorical.subsasgn>convertCodesLocal 1 0.002 s 0.001 s ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s ;Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s IlyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizelsGreaterThanPaddingSize 1 0.002 s 0.000 s	maxPooling2dLayer>iCreateParser	1	0.002 s	0.002 s
ClassLabel>ClassLabel.isempty 218 0.002 s 0.001 s ;Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s IlyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizelsGreaterThanPaddingSize 1 0.002 s 0.000 s	convolution2dLayer>iCalculatePaddingMode	1	0.002 s	0.000 s
;Convolution2D.setupForHostPrediction 5 0.002 s 0.001 s Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s IlyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizelsGreaterThanPaddingSize 1 0.002 s 0.000 s	categorical.subsasgn>convertCodesLocal	1	0.002 s	0.001 s
Layer>@(x)x.Name 69 0.002 s 0.002 s @ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s IlyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizeIsGreaterThanPaddingSize 1 0.002 s 0.000 s	ClassLabel>ClassLabel.isempty	218	0.002 s	0.001 s
@ImageDatastore\private\isSupportedIRI 1 0.002 s 0.002 s fullfile>ensureTrailingFilesep 29 0.002 s 0.001 s ssificationPartitionedModel.get.Prior 1 0.002 s 0.000 s ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s IlyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizelsGreaterThanPaddingSize 1 0.002 s 0.000 s	;Convolution2D.setupForHostPrediction	5	0.002 s	0.001 s
fullfile>ensureTrailingFilesep290.002 s0.001 sssificationPartitionedModel.get.Prior10.002 s0.000 sismissingKernel>arraySwitch110.002 s0.002 sconvertStringToCharArgs20.002 s0.001 s>MaxPooling2D.forwardPropagateSize120.002 s0.001 sllyConnectedLayer.FullyConnectedLayer280.002 s0.001 sDim>varNamesDim.checkReservedNames20.002 s0.001 st;MaxPooling2DLayer.MaxPooling2DLayer280.002 s0.001 sssertPoolSizelsGreaterThanPaddingSize10.002 s0.000 s	Layer>@(x)x.Name	69	0.002 s	0.002 s
ssificationPartitionedModel.get.Prior10.002 s0.000 sismissingKernel>arraySwitch110.002 s0.002 sconvertStringToCharArgs20.002 s0.001 s>MaxPooling2D.forwardPropagateSize120.002 s0.001 sIlyConnectedLayer.FullyConnectedLayer280.002 s0.001 sDim>varNamesDim.checkReservedNames20.002 s0.001 st;MaxPooling2DLayer.MaxPooling2DLayer280.002 s0.001 sssertPoolSizelsGreaterThanPaddingSize10.002 s0.000 s	@ImageDatastore\private\isSupportedIRI	1	0.002 s	0.002 s
ismissingKernel>arraySwitch 11 0.002 s 0.002 s convertStringToCharArgs 2 0.002 s 0.001 s >MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s llyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t;MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s t;MaxPooling2DLayer.MaxPooling2DLayer 1 0.002 s 0.000 s	fullfile>ensureTrailingFilesep	29	0.002 s	0.001 s
convertStringToCharArgs20.002 s0.001 s>MaxPooling2D.forwardPropagateSize120.002 s0.001 sIlyConnectedLayer.FullyConnectedLayer280.002 s0.001 sDim>varNamesDim.checkReservedNames20.002 s0.001 st;MaxPooling2DLayer.MaxPooling2DLayer280.002 s0.001 sssertPoolSizelsGreaterThanPaddingSize10.002 s0.000 s	ssificationPartitionedModel.get.Prior	1	0.002 s	0.000 s
>MaxPooling2D.forwardPropagateSize 12 0.002 s 0.001 s llyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t:MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizeIsGreaterThanPaddingSize 1 0.002 s 0.000 s	ismissingKernel>arraySwitch	11	0.002 s	0.002 s
llyConnectedLayer.FullyConnectedLayer 28 0.002 s 0.001 s Dim>varNamesDim.checkReservedNames 2 0.002 s 0.001 s t;MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 s ssertPoolSizeIsGreaterThanPaddingSize 1 0.002 s 0.000 s	convertStringToCharArgs	2	0.002 s	0.001 s
t;MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 stssertPoolSizeIsGreaterThanPaddingSize 1 0.002 s 0.000 s	>MaxPooling2D.forwardPropagateSize	12	0.002 s	0.001 s
t;MaxPooling2DLayer.MaxPooling2DLayer 28 0.002 s 0.001 sssertPoolSizeIsGreaterThanPaddingSize 1 0.002 s 0.000 s	llyConnectedLayer.FullyConnectedLayer	28	0.002 s	0.001 s
ssertPoolSizeIsGreaterThanPaddingSize 1 0.002 s 0.000 s	Dim>varNamesDim.checkReservedNames	2	0.002 s	0.001 s
•	t;MaxPooling2DLayer.MaxPooling2DLayer	28	0.002 s	0.001 s
	ssertPoolSizeIsGreaterThanPaddingSize	1	0.002 s	0.000 s
<u>Layer>Layer.Layer</u> 33 0.002 s	Layer>Layer.Layer	33	0.002 s	0.002 s
SeriesNetwork>iInputSize 9 0.002 s 0.001 s	SeriesNetwork>iInputSize	9	0.002 s	0.001 s
<u>istabular</u> 58 0.002 s 0.002 s	<u>istabular</u>	58	0.002 s	0.002 s

ingSame>ilisValidStringOrCharArray 12 0.002 s 0.001 s gobjects 8 0.002 s 0.002 s cell2mat 2 0.002 s 0.002 s Generator>Generator 1 0.002 s 0.001 s mean≥parseInputs 24 0.002 s 0.001 s attributes>sizeTypeAttributor 9 0.002 s 0.001 s FitTemplate>FitTemplate.catchType 1 0.002 s 0.001 s softmaxLayer>iParseInputArguments 1 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.001 s ReLULayer>Rel ULayer.getOneLineDisplay 7 0.002 s 0.000 s cationPartitionedModel.get ClassNames 1 0.002 s 0.000 s gt.ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.001 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s ficationRegressionModel.catchWeights 2 0.001 s 0.001 s	meter.createNewCacheHandleIfOneExists	40	0.002 s	0.001 s
cell/2mat 2 0.002 s 0.002 s Generator>Generator Generator 1 0.002 s 0.001 s mean≥parseInputs 24 0.002 s 0.001 s attributes>sizeTypeAttributor 9 0.002 s 0.001 s FitTemplate>FitTemplate.catchType 1 0.002 s 0.001 s softmaxLayer>iParseInputArguments 1 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.001 s ReLULayer>ReLULayer getOneLineDisplay 7 0.002 s 0.000 s cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 s gt:ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.002 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s nLayer>iParseInputArguments 1 0.002 s 0.001 s ficationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002	ingSame>ilisValidStringOrCharArray	12	0.002 s	0.001 s
Generator>Generator Generator 1 0.002 s 0.001 s mean>parseInputs 24 0.002 s 0.001 s attributes>sizeTypeAttributor 9 0.002 s 0.001 s EitTemplate>FitTemplate.catchType 1 0.002 s 0.001 s softmaxLayer>iParseInputArguments 1 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.001 s ReLULayer>ReLULayer.getOneLineDisplay 7 0.002 s 0.000 s cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 s gt.ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.001 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s nLayer>ParseInputArguments 1 0.002 s 0.001 s ficationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s ayer>iDisplayOneLine 23	gobjects	8	0.002 s	0.002 s
mean>parseInputs 24 0.002 s 0.001 s attributes>sizeTypeAttributor 9 0.002 s 0.001 s FitTemplate>FitTemplate.catchType 1 0.002 s 0.001 s softmaxLayer>iParseInputArguments 1 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.001 s ReLULayer>ReLULayer.getOneLineDisplay 7 0.002 s 0.000 s cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 s gt.ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.002 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s reluLayer>iParseInputArguments 1 0.002 s 0.001 s ificationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s isprop>hasProp 1 0.002 s	<u>cell2mat</u>	2	0.002 s	0.002 s
attributes>sizeTypeAttributor FitTemplate>FitTemplate.catchType 1 0.002 s 0.001 s softmaxLayer≥iParseInputArguments 1 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.000 s cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 s gt:ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.001 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s reluLayer≥iParseInputArguments 1 0.002 s 0.001 s SoftmaxLayer>SoftmaxLayer.SoftmaxLayer 10 0.002 s 0.001 s ificationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s layer>iparseInputArguments 1 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s Layer>Layer.getVectorHeader 1 0.001 s 0.001 s RandStream>localGetSetGlobalStream 1 0.001 s 0.001 s rams>EnsembleParams.EnsembleParams 1 0.001 s 0.001 s FileBasedDatastore.FileBasedDatastore 1 0.001 s 0.001 s	Generator>Generator.Generator	1	0.002 s	0.001 s
FitTemplate>FitTemplate.catchType 1 0.002 s 0.001 s softmaxLayer>iParseInputArguments 1 0.002 s 0.001 s zeBasedSplitter.FileSizeBasedSplitter 5 0.002 s 0.001 s ReLULayer>ReLULayer.getOneLineDisplay 7 0.002 s 0.000 s cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 s gt.ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.002 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s SoftmaxLayer>iParseInputArguments 1 0.002 s 0.001 s ificationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s ayer>iDisplayOneLine 23 0.002 s 0.002 s sprop>hasProp 1 0.002 s 0.001 s ayer>iDarseInputArguments <td< td=""><td>mean>parseInputs</td><td>24</td><td>0.002 s</td><td>0.001 s</td></td<>	mean>parseInputs	24	0.002 s	0.001 s
softmaxLayer>iParseInputArguments10.002 s0.001 szeBasedSplitter. FileSizeBasedSplitter50.002 s0.001 sReLULayer>ReLULayer.getOneLineDisplay70.002 s0.000 scationPartitionedModel.get.ClassNames10.002 s0.000 sgt:ImageDatastore.setIsReadFcnDefault10.002 s0.001 ssificationTree.removeZeroPriorAndCost110.002 s0.002 snLayer.CrossChannelNormalizationLayer190.002 s0.001 sreluLayer>iParseInputArguments10.002 s0.001 sSoftmaxLayer>SoftmaxLayer.SoftmaxLayer100.002 s0.001 sificationRegressionModel.catchWeights20.002 s0.001 sectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sestificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sRandStream>localGetSetGlobalStream10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	attributes>sizeTypeAttributor	9	0.002 s	0.001 s
zeBasedSplitter.FileSizeBasedSplitter50.002 s0.001 sReLULayer>ReLULayer.getOneLineDisplay70.002 s0.000 scationPartitionedModel.get.ClassNames10.002 s0.000 sgt:ImageDatastore.setIsReadFcnDefault10.002 s0.001 ssificationTree.removeZeroPriorAndCost110.002 s0.002 snLayer.CrossChannelNormalizationLayer190.002 s0.001 sreluLayer>iParseInputArguments10.002 s0.001 sSoftmaxLayer>SoftmaxLayer SoftmaxLayer100.002 s0.001 sificationRegressionModel.catchWeights20.002 s0.001 sectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.001 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	FitTemplate>FitTemplate.catchType	1	0.002 s	0.001 s
ReLULayer>ReLULayer.getOneLineDisplay 7 0.002 s 0.000 s cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 s gt.ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.002 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s reluLayer>iParseInputArguments 1 0.002 s 0.001 s SoftmaxLayer>SoftmaxLayer.SoftmaxLayer 10 0.002 s 0.001 s ificationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s isprop>hasProp 1 0.002 s 0.002 s classificationLayer>iParseInputArguments 1 0.002 s 0.001 s RandStream>localGetSetGlobalStream 12 0.001 s 0.001 s Layer>Layer.getVectorHeader 1 0.001 s 0.001 s rams>EnsembleParams.EnsembleParams <	softmaxLayer>iParseInputArguments	1	0.002 s	0.001 s
cationPartitionedModel.get.ClassNames 1 0.002 s 0.000 sgt:ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 ssificationTree.removeZeroPriorAndCost 11 0.002 s 0.002 snLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s reluLayer>iParseInputArguments 1 0.002 s 0.001 s SoftmaxLayer>SoftmaxLayer.SoftmaxLayer 10 0.002 s 0.001 sificationRegressionModel.catchWeights 2 0.002 s 0.001 sectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s isprop>hasProp 1 0.002 s 0.002 s classificationLayer>iParseInputArguments 1 0.002 s 0.001 sRandStream>localGetSetGlobalStream 12 0.001 s 0.001 s Layer>Layer_getVectorHeader 1 0.001 s 0.001 srams>EnsembleParams.EnsembleParams 1 0.001 s 0.001 sFileBasedDatastore.FileBasedDatastore 1 0.001 s 0.001 s	zeBasedSplitter.FileSizeBasedSplitter	5	0.002 s	0.001 s
gt:ImageDatastore.setIsReadFcnDefault 1 0.002 s 0.001 s sificationTree.removeZeroPriorAndCost 11 0.002 s 0.002 s nLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s reluLayer>iParseInputArguments 1 0.002 s 0.001 s SoftmaxLayer>SoftmaxLayer.SoftmaxLayer 10 0.002 s 0.001 s ificationRegressionModel.catchWeights 2 0.002 s 0.001 s ectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s isprop>hasProp 1 0.002 s 0.002 s classificationLayer>iParseInputArguments 1 0.002 s 0.001 s RandStream>localGetSetGlobalStream 12 0.001 s 0.001 s Layer>Layer.getVectorHeader 1 0.001 s 0.001 s rams>EnsembleParams.EnsembleParams 1 0.001 s 0.001 s FileBasedDatastore.FileBasedDatastore 1 0.001 s 0.001 s	ReLULayer>ReLULayer.getOneLineDisplay	7	0.002 s	0.000 s
sificationTree.removeZeroPriorAndCostnLayer.CrossChannelNormalizationLayer 19 0.002 s 0.001 s reluLayer>iParseInputArguments 1 0.002 s 0.001 s SoftmaxLayer>SoftmaxLayer.SoftmaxLayer 10 0.002 s 0.001 sificationRegressionModel.catchWeights 2 0.002 s 0.001 sectedLayer>iConvertToCanonicalForm 1 0.002 s 0.002 s 0.002 s Layer>iDisplayOneLine 23 0.002 s 0.002 s isprop>hasProp 1 0.002 s 0.002 s classificationLayer>iParseInputArguments 1 0.002 s 0.001 sRandStream>localGetSetGlobalStream 12 0.001 s 0.001 s 0.001 sRandStream>localGetSetGlobalStream 12 0.001 s 0.001 s 0.001 srams>EnsembleParams.EnsembleParams 1 0.001 s 0.001 s	cationPartitionedModel.get.ClassNames	1	0.002 s	0.000 s
nLayer.CrossChannelNormalizationLayer190.002 s0.001 sreluLayer>iParseInputArguments10.002 s0.001 sSoftmaxLayer>SoftmaxLayer.SoftmaxLayer100.002 s0.001 sificationRegressionModel.catchWeights20.002 s0.001 sectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	gt;ImageDatastore.setIsReadFcnDefault	1	0.002 s	0.001 s
reluLayer>iParseInputArguments10.002 s0.001 sSoftmaxLayer>SoftmaxLayer.SoftmaxLayer100.002 s0.001 sificationRegressionModel.catchWeights20.002 s0.001 sectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	sificationTree.removeZeroPriorAndCost	11	0.002 s	0.002 s
SoftmaxLayer>SoftmaxLayer SoftmaxLayer100.002 s0.001 sificationRegressionModel.catchWeights20.002 s0.001 sectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	nLayer.CrossChannelNormalizationLayer	19	0.002 s	0.001 s
ificationRegressionModel.catchWeights20.002 s0.001 sectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	reluLayer>iParseInputArguments	1	0.002 s	0.001 s
ectedLayer>iConvertToCanonicalForm10.002 s0.002 sLayer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	SoftmaxLayer>SoftmaxLayer.SoftmaxLayer	10	0.002 s	0.001 s
Layer>iDisplayOneLine230.002 s0.002 sisprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	ificationRegressionModel.catchWeights	2	0.002 s	0.001 s
isprop>hasProp10.002 s0.002 sclassificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	ectedLayer>iConvertToCanonicalForm	1	0.002 s	0.002 s
classificationLayer>iParseInputArguments10.002 s0.001 sRandStream>localGetSetGlobalStream120.001 s0.001 sLayer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	<u>Layer>iDisplayOneLine</u>	23	0.002 s	0.002 s
RandStream>localGetSetGlobalStream 12 0.001 s 0.001 s Layer>Layer.getVectorHeader 1 0.001 s 0.001 s rams>EnsembleParams.EnsembleParams 1 0.001 s 0.001 s FileBasedDatastore.FileBasedDatastore 1 0.001 s 0.001 s	isprop>hasProp	1	0.002 s	0.002 s
Layer>Layer.getVectorHeader10.001 s0.001 srams>EnsembleParams.EnsembleParams10.001 s0.001 sFileBasedDatastore.FileBasedDatastore10.001 s0.001 s	classificationLayer>iParseInputArguments	1	0.002 s	0.001 s
rams>EnsembleParams 1 0.001 s 0.001 s FileBasedDatastore.FileBasedDatastore 1 0.001 s 0.001 s	RandStream>localGetSetGlobalStream	12	0.001 s	0.001 s
FileBasedDatastore.FileBasedDatastore 1 0.001 s 0.001 s	Layer>Layer.getVectorHeader	1	0.001 s	0.001 s
	rams>EnsembleParams.EnsembleParams	1	0.001 s	0.001 s
graph2d\private\labelcheck 2 0.001 s 0.001 s	FileBasedDatastore.FileBasedDatastore	1	0.001 s	0.001 s
	graph2d\private\labelcheck	2	0.001 s	0.001 s

assificationPartitionedModel.get.Cost 2OutputLayer.ClassificationOutputLayer 10 calculatePaddingMode 3D.selectHostStrategyBasedOnNumOutputs 7	0.001 s 0.001 s 0.001 s 0.001 s 0.001 s	0.001 s 0.000 s 0.001 s
calculatePaddingMode 3	0.001 s 0.001 s 0.001 s	s 0.000 s s 0.001 s
	0.001 s	s 0.001 s
D.selectHostStrategyBasedOnNumOutputs 7	0.001 s	
		o.001 s
<u>ClassLabel>ClassLabel.size</u> 31	0.001 s	1
>showHiddenHandlesToFindAllHandles 5		0.001 s
BlankModifier>BlankModifier.makeCombiner 1	0.001 s	0.000 s
gt;Convolution2DLayer.get.NumChannels 10	0.001 s	0.001 s
fullyConnectedLayer>iCreateParser 1	0.001 s	0.001 s
averagePooling2dLayer>iCreateParser 1	0.001 s	0.001 s
markFigure 2	0.001 s	0.001 s
isCharString 11	0.001 s	0.001 s
tils>@()set(h,unitsProp,origUnits) 10	0.001 s	0.001 s
arameter.PredictionLearnableParameter 20	0.001 s	0.001 s
ficationModelAdapter>@(x)istall(x) 24	0.001 s	0.001 s
Convolution2DLayer>iGetMessageString 10	0.001 s	0.001 s
rDisplay.propertyGroupHyperparameters 1	0.001 s	0.000 s
<u>javachk</u> 1	0.001 s	0.001 s
Ensemble>Ensemble.catchUOFL 2	0.001 s	0.001 s
imageInputLayer>ilsPositiveInteger 1	0.001 s	0.001 s
ClassificationECOC>@()warning(warnState) 11	0.001 s	0.001 s
startsWith 2	0.001 s	0.001 s
convolution2dLayer>iCalculatePaddingSize 1	0.001 s	0.000 s
unpackRNGscheme 23	0.001 s	0.001 s
imdsHasCustomReadFcn 2	0.001 s	0.001 s
usejava 24	0.001 s	0.001 s

≥iPoolSizeIsGreaterThanPaddingSize 1 0.001 s 0.000 s attributes>checkClass 9 0.001 s 0.001 s ePooling2DLayer.AveragePooling2DLayer 1 0.001 s 0.001 s ePooling2DLayer.AveragePooling2DLayer 1 0.001 s 0.000 s eparams>EnsembleParams.makeModifier 1 0.001 s 0.001 s ationLayer>iConvertToCanonicalForm 1 0.001 s 0.001 s ationLayer>iConvertToCanonicalForm 1 0.001 s 0.001 s bread the color process 2 0.001 s 0.001 s bread the color process 47 0.001 s 0.001 s compactClassificationECOC>lossToString 21 0.001 s 0.001 s tiexerunalMap>iInternalLayersClasses 11 0.001 s 0.001 s tiexecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s tiexecutionStrategy.ExecutionStrategy 3 0.001 s 0.001 s tiexecutionStrategy.ExecutionStrategy 3 0.001 s 0.001 s tiexecutionStrategy.Execution	t;FullyConnected.forwardPropagateSize	9	0.001 s	0.001 s
ePooling2DLayer.AveragePooling2DLayer 1 0.001 s 0.001 s Params>EnsembleParams.makeModifier 1 0.001 s 0.000 s ationLayer>iConvertToCanonicalForm 1 0.001 s 0.001 s imshow>processReduceSyntax 2 0.001 s 0.001 s pathLookup>isIncludeSubfoldersLogical 1 0.001 s 0.001 s r>Predictor.get.ObservationsInRows 47 0.001 s 0.001 s DropoutLayer>DropoutLayer.DropoutLayer 1 0.001 s 0.001 s CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s tiExecutionStrategy.ExecutionStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation	>iPoolSizeIsGreaterThanPaddingSize	1	0.001 s	0.000 s
Params>EnsembleParams.makeModifier 1 0.001 s 0.000 sationLayer>iConvertToCanonicalForm 1 0.001 s 0.001 s imshow>processReduceSyntax 2 0.001 s 0.001 s 0.000 spathLookup>isIncludeSubfoldersLogical 1 0.001 s 0.000 spPredictor.get.ObservationsInRows 47 0.001 s 0.001	attributes>checkClass	9	0.001 s	0.001 s
ationLayer>iConvertToCanonicalForm 1 0.001 s 0.001 s imshow>processReduceSyntax 2 0.001 s 0.001 s pathLookup>isIncludeSubfoldersLogical 1 0.001 s 0.000 s r>Predictor.get.ObservationsInRows 47 0.001 s 0.001 s DropoutLayer>DropoutLayer.DropoutLayer 1 0.001 s 0.001 s CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t.ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s Softmax>Softmax.getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s SVMImpl>mapldx 44 0.001 s 0.001 s </td <td>ePooling2DLayer.AveragePooling2DLayer</td> <td>1</td> <td>0.001 s</td> <td>0.001 s</td>	ePooling2DLayer.AveragePooling2DLayer	1	0.001 s	0.001 s
imshow>processReduceSyntax 2 0.001 s 0.001 s pathLookup>isIncludeSubfoldersLogical 1 0.001 s 0.000 s r>Predictor.get.ObservationsInRows 47 0.001 s 0.001 s DropoutLayer>DropoutLayer.DropoutLayer 1 0.001 s 0.001 s CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s tip 2 0.001 s 0.001 s tip 2 0.001 s 0.001 s </td <td>Params>EnsembleParams.makeModifier</td> <td>1</td> <td>0.001 s</td> <td>0.000 s</td>	Params>EnsembleParams.makeModifier	1	0.001 s	0.000 s
pathLookup>isIncludeSubfoldersLogical 1 0.001 s 0.000 s r>Predictor.get.ObservationsInRows 47 0.001 s 0.001 s DropoutLayer>DropoutLayer.DropoutLayer 1 0.001 s 0.001 s CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s tiExecutionStrategy.ExecutionStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.000 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizelsValid 3 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s tClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s etVUlayer>iGetMessageString </td <td>ationLayer>iConvertToCanonicalForm</td> <td>1</td> <td>0.001 s</td> <td>0.001 s</td>	ationLayer>iConvertToCanonicalForm	1	0.001 s	0.001 s
r>Predictor.get.ObservationsInRows 47 0.001 s 0.001 s DropoutLayer>DropoutLayer.DropoutLayer 1 0.001 s 0.001 s CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s tiExecutionStrategy.ExecutionStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s earNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s<	imshow>processReduceSyntax	2	0.001 s	0.001 s
DropoutLayer>DropoutLayer DropoutLayer 1 0.001 s 0.001 s CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s Softmax>Softmax getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s EitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iC	pathLookup>isIncludeSubfoldersLogical	1	0.001 s	0.000 s
CompactClassificationECOC>lossToString 21 0.001 s 0.001 s getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s Softmax>Softmax.getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	r>Predictor.get.ObservationsInRows	47	0.001 s	0.001 s
getImWidth 2 0.001 s 0.001 s ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s Softmax>Softmax.getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s rmshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	DropoutLayer>DropoutLayer.DropoutLayer	1	0.001 s	0.001 s
ExternalMap>iInternalLayersClasses 11 0.001 s 0.001 s t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s Softmax>Softmax.getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.001 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	CompactClassificationECOC>lossToString	21	0.001 s	0.001 s
t:ExecutionStrategy.ExecutionStrategy 49 0.001 s 0.001 s Softmax>Softmax.getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	<u>getlmWidth</u>	2	0.001 s	0.001 s
Softmax>Softmax.getHostStrategy 3 0.001 s 0.001 s etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	ExternalMap>iInternalLayersClasses	11	0.001 s	0.001 s
etwork>iAssertMiniBatchSizeIsValid 3 0.001 s 0.000 s clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	t;ExecutionStrategy.ExecutionStrategy	49	0.001 s	0.001 s
clearNotify 1 0.001 s 0.001 s FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	Softmax>Softmax.getHostStrategy	3	0.001 s	0.001 s
FitTemplate>FitTemplate.isfilled 6 0.001 s 0.001 s r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	etwork>iAssertMiniBatchSizeIsValid	3	0.001 s	0.000 s
r>iCheckAndReturnValidAugmentation 1 0.001 s 0.000 s isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	clearNotify	1	0.001 s	0.001 s
isString 154 0.001 s 0.001 s SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	FitTemplate>FitTemplate.isfilled	6	0.001 s	0.001 s
SVMImpl>mapIdx 44 0.001 s 0.001 s imshow>preParseInputs 2 0.001 s 0.001 s ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	r>iCheckAndReturnValidAugmentation	1	0.001 s	0.000 s
imshow>preParseInputs20.001 s0.001 sctClassificationSVM.getContinuousLoss210.001 s0.001 sReLULayer>iGetMessageString140.001 s0.001 simshow>getBorder20.001 s0.001 s2D>iCalculateHeightAndWidthPadding200.001 s0.000 s	isString	154	0.001 s	0.001 s
ctClassificationSVM.getContinuousLoss 21 0.001 s 0.001 s ReLULayer>iGetMessageString 14 0.001 s 0.001 s imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	SVMImpl>mapIdx	44	0.001 s	0.001 s
ReLULayer>iGetMessageString140.001 s0.001 simshow>getBorder20.001 s0.001 s2D>iCalculateHeightAndWidthPadding200.001 s0.000 s	imshow>preParseInputs	2	0.001 s	0.001 s
imshow>getBorder 2 0.001 s 0.001 s 2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	ctClassificationSVM.getContinuousLoss	21	0.001 s	0.001 s
2D>iCalculateHeightAndWidthPadding 20 0.001 s 0.000 s	ReLULayer>iGetMessageString	14	0.001 s	0.001 s
	imshow>getBorder	2	0.001 s	0.001 s
ore.splitEachLabel>getNumericIndex 2 0.001 s 0.001 s	2D>iCalculateHeightAndWidthPadding	20	0.001 s	0.000 s
	ore.splitEachLabel>getNumericIndex	2	0.001 s	0.001 s

arDimension.checkDuplicateLabels_impl	2	0.001 s	0.001 s
categorical.cellstr	8	0.001 s	0.001 s
FullyConnected>i4DSize	12	0.001 s	0.001 s
imageInputLayer>ilsRowVectorOfTwoOrThree	1	0.001 s	0.000 s
fullfile>addTrailingFileSep	29	0.001 s	0.001 s
<u>calculatePaddingSize</u>	3	0.001 s	0.001 s
Predictor>Predictor.get.TableInput	25	0.001 s	0.001 s
helperImportMatConvNet>isConv2DLayer	8	0.001 s	0.001 s
FitTemplate>FitTemplate.FitTemplate	4	0.001 s	0.001 s
t;Predictor.get.CategoricalPredictors	24	0.001 s	0.001 s
calculatePaddingMode>ilsTheStringSame	3	0.001 s	0.000 s
<u>isGPUCompatible</u>	1	0.001 s	0.000 s
categorical.char	3	0.001 s	0.001 s
varNamesDim>varNamesDim.makeValidName	2	0.001 s	0.001 s
poolOrFilterSizeIsGreaterThanPaddingSize	2	0.001 s	0.001 s
categorical.categorical>removeUtil	6	0.001 s	0.001 s
FullyConnectedLayer>iGetMessageString	6	0.001 s	0.001 s
allchild>getchildren	3	0.001 s	0.001 s
MaxPooling2DLayer>iGetMessageString	6	0.001 s	0.001 s
assificationLayer.ClassificationLayer	2	0.001 s	0.001 s
SeriesNetwork>iDispatchesInputOfSize	3	0.001 s	0.001 s
ssificationOutputLayer.get.ClassNames	6	0.001 s	0.001 s
l>categorical.castCodesForBuiltins	36	0.001 s	0.001 s
refresh	1	0.001 s	0.001 s
FullyConnected>i3DSize	12	0.001 s	0.001 s
<u>isCellOfStrings</u>	2	0.001 s	0.001 s
ge>WeightedAverage.WeightedAverage	1	0.001 s	0.000 s

Generator>Generator.reserveFitInfo	1	0.001 s	0.001 s
ategy.FullyConnectedHostImageStrategy	7	0.001 s	0.000 s
SVMImpl>SVMImpl.SVMImpl	11	0.001 s	0.001 s
rmalizationLayer>iGetMessageString	4	0.001 s	0.001 s
set(rootobj,'ShowHiddenHandles',Temp)	5	0.001 s	0.001 s
FullyConnected.setupForHostPrediction	3	0.001 s	0.001 s
semble>CompactEnsemble.get.Trained	7	0.001 s	0.001 s
helperImportMatConvNet>getPadding	11	0.001 s	0.001 s
FileCustomReadSplitReader.copyElement	8	0.001 s	0.001 s
yer>SoftmaxLayer.getOneLineDisplay	1	0.001 s	0.000 s
ularDimension.checkReservedNames_impl	2	0.001 s	0.001 s
iscompatibleRNGscheme	11	0.001 s	0.001 s
imformats	1	0.001 s	0.001 s
ssertPoolSizeIsGreaterThanPaddingSize	1	0.001 s	0.000 s
Predictor>Predictor.get.VariableRange	12	0.001 s	0.001 s
t;rowNamesDim.validateAndAssignLabels	2	0.001 s	0.001 s
Convolution2DLayer>i2DSizeToString	5	0.001 s	0.001 s
ImageInputLayer>iGetMessageString	2	0.001 s	0.001 s
ageTransform.ZeroCenterImageTransform	2	0.001 s	0.001 s
dropoutLayer>iCreateParser	1	0.001 s	0.001 s
<u>checkDisplayRange</u>	2	0.001 s	0.001 s
<u>isValidStringOrCharArray</u>	12	0.001 s	0.001 s
>ImageInputLayer.get.Normalization	3	0.001 s	0.001 s
java.util.UUID(Java method)	23	0.001 s	0.001 s
designecoc	11	0.001 s	0.001 s
ayer>ilsValidCellStringOrStringArg	1	0.001 s	0.000 s
etwork>SeriesNetwork.SeriesNetwork	1	0.001 s	0.001 s

gcbf	4	0.001 s	0.001 s
Precision>Precision.zeros	3	0.001 s	0.001 s
alarLayerDisplay.propertyGroupGeneral	1	0.001 s	0.000 s
owSize(x,minWindowSize,maxWindowSize)	1	0.001 s	0.000 s
validateLogicalOption	1	0.001 s	0.001 s
yer>Convolution2DLayer.get.Weights	1	0.001 s	0.001 s
ationOutputLayer>iGetMessageString	2	0.001 s	0.001 s
odel>FullClassificationModel.get.Y	1	0.001 s	0.000 s
isGPUCompatible>iCanUsePCT	1	0.001 s	0.000 s
newplot>ObserveFigureNextPlot	4	0.001 s	0.001 s
ionLayer>@(x)iAssertValidK(x,minK)	1	0.001 s	0.000 s
tabular.size	2	0.001 s	0.001 s
getImHeight	2	0.001 s	0.001 s
<u>settings</u>	6	0.001 s	0.001 s
WeightedSum>WeightedSum.WeightedSum	1	0.001 s	0.001 s
ImageTransformFactory>iConstructors	2	0.001 s	0.001 s
difier>BlankModifier.BlankModifier	1	0.001 s	0.000 s
makeUniqueStrings>truncateString	2	0.001 s	0.001 s
ostStrategy.Convolution2DHostStrategy	11	0.001 s	0.001 s
t;FileBasedSplitter.FileBasedSplitter	5	0.001 s	0.001 s
ScalarLayerDisplay>iPropertyGroup	2	0.001 s	0.001 s
jorityUndersampler.getArgsFromCellstr	1	0.001 s	0.000 s
Dropout>Dropout.Dropout	1	0.001 s	0.001 s
SeriesNetwork>ilsPositiveIntegerScalar	3	0.001 s	0.000 s
Strings>validateExclStrOrElemToChk	2	0.001 s	0.001 s
CacheHandle>CacheHandle.CacheHandle	68	0.001 s	0.001 s
ing2dLayer>iMakeIntoRowVectorOfTwo	2	0.001 s	0.000 s

<u>calculateHeightAndWidthPadding</u>	32	0.001 s	0.001 s
imageDisplayValidateParams>findImageType	2	0.001 s	0.001 s
close>getEmptyHandleList	3	0.001 s	0.001 s
<u>deriveSizeFromScale</u>	1	0.001 s	0.001 s
typeof	78	0.001 s	0.001 s
tion2dLayer>iAssertValidFilterSize	1	0.001 s	0.000 s
sion>tabularDimension.assignLabels	2	0.001 s	0.001 s
UnsupportedInUifigure>isWebFigure	1	0.001 s	0.001 s
figparams	2	0.001 s	0.001 s
Model>PartitionedModel.get.Trained	2	0.001 s	0.000 s
<u>shiftdim</u>	4	0.001 s	0.001 s
ing2dLayer>iMakeIntoRowVectorOfTwo	2	0.001 s	0.000 s
splitapply>expandVariables	4	0.001 s	0.001 s
littableDatastore.SplittableDatastore	1	0.001 s	0.000 s
emble>CompactEnsemble.get.NTrained	1	0.001 s	0.000 s
>@(z)isa(z,'ClassificationLinear')	12	0.001 s	0.001 s
dropoutLayer>iConvertToCanonicalForm	1	0.001 s	0.001 s
imshow>@(c)isa(c,'imref2d')	3	0.001 s	0.001 s
montage>calculateMontageSize	1	0.001 s	0.001 s
ion2dLayer>iMakeIntoRowVectorOfTwo	2	0.001 s	0.000 s
initSize>getGutterHeight	2	0.001 s	0.001 s
MaxPooling2DLayer>i2DSizeToString	3	0.001 s	0.000 s
ScalarLayerDisplay>iGetStringMessage	1	0.001 s	0.001 s
pi(x,this.NamesDataPrepIn,length(x)))	5	0.001 s	0.001 s
strlength	62	0.001 s	0.001 s
FitTemplate>gettype	3	0.001 s	0.001 s
initSize>getAxesX	2	0.001 s	0.001 s

SeriesNetwork>iValidateOutputAs	3	0.001 s	0.000 s
sificationModel.processScoreTransform	23	0.001 s	0.001 s
uitools\private\allchildRootHelper	3	0.001 s	0.001 s
Modifier>Modifier.Modifier	1	0.001 s	0.000 s
Modifier>Modifier.updateT	10	0.001 s	0.001 s
ssificationOutputLayer.get.OutputSize	1	0.001 s	0.001 s
initSize>getGutterWidth	2	0.001 s	0.001 s
Layer>iGetStringMessage	1	0.001 s	0.001 s
istable	39	0.001 s	0.001 s
>ReLUHostStrategy.ReLUHostStrategy	15	0.001 s	0.000 s
ooling2dLayer>iAssertValidPoolSize	1	0.001 s	0.000 s
maxPooling2dLayer>iAssertValidPoolSize	1	0.001 s	0.000 s
softmaxLayer>iCreateParser	1	0.001 s	0.001 s
PartitionedModel>PartitionedModel.get.W	1	0.001 s	0.000 s
tabular.isempty	1	0.001 s	0.001 s
tabular.disp>getFloatFormats	1	0.001 s	0.001 s
close>checkfigs	2	0.001 s	0.001 s
SoftmaxLayer>iGetMessageString	2	0.001 s	0.001 s
num2str>cellPrintf	1	0.001 s	0.001 s
;ImageInputLayer.get.DataAugmentation	2	0.001 s	0.001 s
reluLayer>iCreateParser	1	0.001 s	0.001 s
<u>isenum</u>	1	0.001 s	0.001 s
montage>@()warning(origWarning)	1	0.001 s	0.001 s
eStrategy.FullyConnectedImageStrategy	7	0.001 s	0.000 s
imshow>convertImrefToXDataYData	2	0.001 s	0.001 s
etwork>SeriesNetwork.get.InputSize	3	0.001 s	0.001 s
on2D>iSplitBiasAlongThirdDimension	3	0.001 s	0.001 s

classificationLayer>iCreateParser	1	0.001 s	0.001 s
repmat>checkSizesType	200	0.001 s	0.001 s
re>CustomReadDatastore.get.ReadFcn	4	0.001 s	0.001 s
icationModel.checkNanCostForGoodPrior	1	0.001 s	0.001 s
maxPooling2dLayer>iCalculatePaddingSize	1	0.001 s	0.000 s
ptions>parforValidateStreamOptions	23	0.001 s	0.001 s
stStrategy.LocalMapNorm2DHostStrategy	5	0.001 s	0.000 s
>iPoolSizeIsGreaterThanPaddingSize	1	0.001 s	0.000 s
;FullyConnected.get.HasSizeDetermined	39	0.000 s	0.000 s
set(rootobj,'ShowHiddenHandles',Temp)	3	0.000 s	0.000 s
filesep	23	0.000 s	0.000 s
categorical.double	2	0.000 s	0.000 s
t;MaxPooling2D.setupForHostPrediction	3	0.000 s	0.000 s
e>SplittableDatastore.set.Splitter	13	0.000 s	0.000 s
HostStrategy.MaxPooling2DHostStrategy	7	0.000 s	0.000 s
nsemble.CompactClassificationEnsemble	1	0.000 s	0.000 s
reconcileStreamsAfterLoop	11	0.000 s	0.000 s
Ensemble>Ensemble.get.Method	1	0.000 s	0.000 s
onvolution2DLayer.filterGroupsAreUsed	10	0.000 s	0.000 s
Impl>CompactSVMImpl.CompactSVMImpl	22	0.000 s	0.000 s
<u>categorical.ismatrix</u>	34	0.000 s	0.000 s
Strategy.AveragePooling2DHostStrategy	1	0.000 s	0.000 s
canUsePCT	1	0.000 s	0.000 s
mageStrategy.SoftmaxHostImageStrategy	3	0.000 s	0.000 s
OutputLayer>OutputLayer.OutputLayer	2	0.000 s	0.000 s
<u>isString</u>	7	0.000 s	0.000 s
ner>Partitioner.getArgsFromCellstr	1	0.000 s	0.000 s

getrangefromclass 1 0.000 s 0.000 s ationLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s convertStringsToChars 2 0.000 s 0.000 s getHeader>getClassnameString 1 0.000 s 0.000 s cvpartitionImpl>checkindex 10 0.000 s 0.000 s softmaxLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s fullfile>@(x)~iscell(x)&&isempty(x) 2 0.000 s 0.000 s CompactClassificationECOC>@(z)size(z,3) 12 0.000 s 0.000 s sificationECOC>@(z)isa(z.'single') 12 0.000 s 0.000 s gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s	convolution2dLayer>iConvertToEmptyIfAuto	1	0.000 s	0.000 s
convertStringsToChars 2 0.000 s 0.000 s getHeader>getClassnameString 1 0.000 s 0.000 s cvpartitionImpl>checkindex 10 0.000 s 0.000 s softmaxLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s fullfile>@(x)~iscell(x)&&isempty(x) 2 0.000 s 0.000 s CompactClassificationECOC>@(z)size(z,3) 12 0.000 s 0.000 s sificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s gt;SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>Rel_U.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s	getrangefromclass	1	0.000 s	0.000 s
getHeader>getClassnameString 1 0.000 s 0.000 s cvpartitionImpl>checkindex 10 0.000 s 0.000 s softmaxLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s fullfile>@(x)=iscell(x)&&isempty(x) 2 0.000 s 0.000 s CompactClassificationECOC>@(z)size(z,3) 12 0.000 s 0.000 s sificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s .isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s	ationLayer>iConvertToCanonicalForm	1	0.000 s	0.000 s
cvpartitionImpl>checkindex 10 0.000 s 0.000 s softmaxLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s fullfile>@(x)~iscell(x)&&isempty(x) 2 0.000 s 0.000 s CompactClassificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s sificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s </td <td>convertStringsToChars</td> <td>2</td> <td>0.000 s</td> <td>0.000 s</td>	convertStringsToChars	2	0.000 s	0.000 s
softmaxLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s fullfile>@(x)~iscell(x)&&isempty(x) 2 0.000 s 0.000 s CompactClassificationECOC>@(z)size(z,3) 12 0.000 s 0.000 s sificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU:setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s	getHeader>getClassnameString	1	0.000 s	0.000 s
fullfile>@(x)~iscell(x)&&isempty(x) 2 0.000 s 0.000 s CompactClassificationECOC>@(z)size(z,3) 12 0.000 s 0.000 s sificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s gt;SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s <td>cvpartitionImpl>checkindex</td> <td>10</td> <td>0.000 s</td> <td>0.000 s</td>	cvpartitionImpl>checkindex	10	0.000 s	0.000 s
CompactClassificationECOC>@(z)size(z.3) 12 0.000 s 0.000 s sificationECOC>@(z)isa(z,'single') 12 0.000 s 0.000 s gt;SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	softmaxLayer>iConvertToCanonicalForm	1	0.000 s	0.000 s
sificationECOC>@(z)isa(z.'single') 12 0.000 s 0.000 s gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	fullfile>@(x)~iscell(x)&&isempty(x)	2	0.000 s	0.000 s
gt:SubspaceSampler.getArgsFromCellstr 1 0.000 s 0.000 s isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	CompactClassificationECOC>@(z)size(z,3)	12	0.000 s	0.000 s
isRSetImage 4 0.000 s 0.000 s movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	sificationECOC>@(z)isa(z,'single')	12	0.000 s	0.000 s
movegui>get_parent_fig 2 0.000 s 0.000 s Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	gt;SubspaceSampler.getArgsFromCellstr	1	0.000 s	0.000 s
Resampler>Resampler.getArgsFromCellstr 1 0.000 s 0.000 s >Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	<u>isRSetImage</u>	4	0.000 s	0.000 s
>Convolution2DLayer.get.NumFilters 15 0.000 s 0.000 s categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	movegui>get_parent_fig	2	0.000 s	0.000 s
categorical.isscalar 34 0.000 s 0.000 s validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	Resampler>Resampler.getArgsFromCellstr	1	0.000 s	0.000 s
validateLogical 62 0.000 s 0.000 s ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	>Convolution2DLayer.get.NumFilters	15	0.000 s	0.000 s
ReLU>ReLU.setupForHostPrediction 7 0.000 s 0.000 s DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	<u>categorical.isscalar</u>	34	0.000 s	0.000 s
DLayer>Convolution2DLayer.get.Name 5 0.000 s 0.000 s table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	validateLogical	62	0.000 s	0.000 s
table2FitMatrix>removeArg 23 0.000 s 0.000 s validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	ReLU>ReLU.setupForHostPrediction	7	0.000 s	0.000 s
validateFileExtensions 1 0.000 s 0.000 s istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	DLayer>Convolution2DLayer.get.Name	5	0.000 s	0.000 s
istall 24 0.000 s 0.000 s reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	table2FitMatrix>removeArg	23	0.000 s	0.000 s
reluLayer>iConvertToCanonicalForm 1 0.000 s 0.000 s	validateFileExtensions	1	0.000 s	0.000 s
	<u>istall</u>	24	0.000 s	0.000 s
2Ds i Calaudata Laintata na di Middata Da ddinar	reluLayer>iConvertToCanonicalForm	1	0.000 s	0.000 s
2D>ICalculateHeightAndwidthPadding	2D>iCalculateHeightAndWidthPadding	12	0.000 s	0.000 s
maxPooling2dLayer>iCalculatePaddingMode 1 0.000 s 0.000 s	maxPooling2dLayer>iCalculatePaddingMode	1	0.000 s	0.000 s
work>iValidateExecutionEnvironment 3 0.000 s 0.000 s	work>iValidateExecutionEnvironment	3	0.000 s	0.000 s
figure>@()lastwarn(lastmsg,lastid) 1 0.000 s 0.000 s	figure>@()lastwarn(lastmsg,lastid)	1	0.000 s	0.000 s

ImageDatastore>iAddUngroupedCounts	4	0.000 s	0.000 s
<u>categorical.end</u>	4	0.000 s	0.000 s
OC>PartitionedECOC.PartitionedECOC	1	0.000 s	0.000 s
ossChannelNormalizationLayer.get.Name	2	0.000 s	0.000 s
gt;FullyConnectedLayer.get.OutputSize	3	0.000 s	0.000 s
Softmax>Softmax.setupForHostPrediction	1	0.000 s	0.000 s
imageInputLayer>ilsRowVectorOfThree	1	0.000 s	0.000 s
SeriesNetwork>ilsDataDispatcher	9	0.000 s	0.000 s
gt;ClassificationOutputLayer.get.Name	2	0.000 s	0.000 s
SoftmaxLayer>SoftmaxLayer.get.Name	1	0.000 s	0.000 s
<u>isRNN</u>	1	0.000 s	0.000 s
<u>isunix</u>	6	0.000 s	0.000 s
returnsSequence	1	0.000 s	0.000 s
zationLayer>iAssertValidWindowSize	1	0.000 s	0.000 s
queStrings>validateMaxStringLength	2	0.000 s	0.000 s
gt;Convolution2DLayer.get.PaddingSize	5	0.000 s	0.000 s
ddenHandles',oldUDDShowHiddenHandles)	1	0.000 s	0.000 s
tabular.numArgumentsFromSubscript	1	0.000 s	0.000 s
<u>validateCustomReadFcn</u>	2	0.000 s	0.000 s
SeriesNetwork>ilsAClassificationNetwork	1	0.000 s	0.000 s
malizationLayer.get.WindowChannelSize	2	0.000 s	0.000 s
ReLULayer>ReLULayer.get.Name	7	0.000 s	0.000 s
<u>categorical.isrow</u>	5	0.000 s	0.000 s
Layer>iWrapApostrophe	23	0.000 s	0.000 s
CompactClassificationECOC>@(x)x	12	0.000 s	0.000 s
identity	12	0.000 s	0.000 s
<u>identity</u>			

>Convolution2DLayer.get.FilterSize 5 0.000 s 0.000 s mean≥isInvalidText 24 0.000 s 0.000 s uIlClassificationRegressionModel.getX 1 0.000 s 0.000 s splitapply>emptyGroups 4 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 1 0.000 s 0.000 s	elNormalizationLayer>iAssertValidK	1	0.000 s	0.000 s
ullClassificationRegressionModel.getX 1 0.000 s 0.000 s splitapply>emptyGroups 4 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 1 0.000 s 0.000 s	>Convolution2DLayer.get.FilterSize	5	0.000 s	0.000 s
splitapply>emptyGroups 4 0.000 s 0.000 s LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.000 s ImageInputLayer>ImageInputLayer.get.Name 1 0.000 s 0.000 s	mean>isInvalidText	24	0.000 s	0.000 s
LocalMapNorm2D.setupForHostPrediction 2 0.000 s 0.0	ullClassificationRegressionModel.getX	1	0.000 s	0.000 s
ImageInputLayer>ImageInputLayer.get.Name	splitapply>emptyGroups	4	0.000 s	0.000 s
2DLayer>MaxPooling2DLayer.get.Name 3 0.000 s 0.000 s stringToLegacyText 7 0.000 s 0.000 s Generator>Generator.get.UseObsForIter 1 0.000 s 0.000 s ayer>ImageInputLayer.get.InputSize 1 0.000 s 0.000 s yer>MaxPooling2DLayer.get.PoolSize 3 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s maxPooling2DLayer.get.PaddingSize 1 0.000 s 0.000 s SeriesNetwork>iIsInteger 3 0.000 s 0.000 s teattributes(x.{'char'}.{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3	LocalMapNorm2D.setupForHostPrediction	2	0.000 s	0.000 s
stringToLegacyText 7 0.000 s 0.000 s Generator>Generator.get.UseObsForIter 1 0.000 s 0.000 s ayer>ImageInputLayer.get.InputSize 1 0.000 s 0.000 s yer>MaxPooling2DLayer.get.PoolSize 3 0.000 s 0.000 s yarNamesDim>varNamesDim.orientAs 2 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{char},{nonempty}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s	ImageInputLayer>ImageInputLayer.get.Name	1	0.000 s	0.000 s
Generator>Generator.get.UseObsForIter 1 0.000 s 0.000 s ayer>ImageInputLayer.get.InputSize 1 0.000 s 0.000 s yer>MaxPooling2DLayer.get.PoolSize 3 0.000 s 0.000 s varNamesDim>varNamesDim.orientAs 2 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x.{'char'}.{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 <td< td=""><td>2DLayer>MaxPooling2DLayer.get.Name</td><td>3</td><td>0.000 s</td><td>0.000 s</td></td<>	2DLayer>MaxPooling2DLayer.get.Name	3	0.000 s	0.000 s
ayer>ImageInputLayer.get.InputSize 1 0.000 s 0.000 s yer>MaxPooling2DLayer.get.PoolSize 3 0.000 s 0.000 s varNamesDim>varNamesDim.orientAs 2 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x.{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.0	stringToLegacyText	7	0.000 s	0.000 s
yer>MaxPooling2DLayer.get.PoolSize 3 0.000 s 0.000 s varNamesDim>varNamesDim.orientAs 2 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s <td< td=""><td>Generator>Generator.get.UseObsForIter</td><td>1</td><td>0.000 s</td><td>0.000 s</td></td<>	Generator>Generator.get.UseObsForIter	1	0.000 s	0.000 s
varNamesDim>varNamesDim.orientAs 2 0.000 s 0.000 s ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	ayer>ImageInputLayer.get.InputSize	1	0.000 s	0.000 s
ayer>Convolution2DLayer.get.Stride 5 0.000 s 0.000 s isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	yer>MaxPooling2DLayer.get.PoolSize	3	0.000 s	0.000 s
isUniqueNumeric 1 0.000 s 0.000 s BlankModifier>BlankModifier.modify 10 0.000 s 0.000 s Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	varNamesDim>varNamesDim.orientAs	2	0.000 s	0.000 s
BlankModifier>BlankModifier.modify100.000 s0.000 sLayer>MaxPooling2DLayer.get.Stride30.000 s0.000 s>MaxPooling2DLayer.get.PaddingSize30.000 s0.000 simageInputLayer>ilsValidRGBImageSize10.000 s0.000 sSeriesNetwork>ilsInteger30.000 s0.000 steattributes(x,{'char'},{'nonempty'})10.000 s0.000 scategorical>categorical.isordinal70.000 s0.000 sPrecision>Precision.Precision30.000 s0.000 sCacheHandle>CacheHandle.fillCache40.000 s0.000 s@categorical\private\invalidCode240.000 s0.000 sinitSize>getAxesY20.000 s0.000 s	ayer>Convolution2DLayer.get.Stride	5	0.000 s	0.000 s
Layer>MaxPooling2DLayer.get.Stride 3 0.000 s 0.000 s >MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x.{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	<u>isUniqueNumeric</u>	1	0.000 s	0.000 s
>MaxPooling2DLayer.get.PaddingSize 3 0.000 s 0.000 s imageInputLayer>ilsValidRGBImageSize 1 0.000 s 0.000 s SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	BlankModifier>BlankModifier.modify	10	0.000 s	0.000 s
imageInputLayer>ilsValidRGBImageSize10.000 s0.000 sSeriesNetwork>ilsInteger30.000 s0.000 steattributes(x,{'char'},{'nonempty'})10.000 s0.000 scategorical>categorical.isordinal70.000 s0.000 sPrecision>Precision.Precision30.000 s0.000 sCacheHandle>CacheHandle.fillCache40.000 s0.000 s@categorical\private\invalidCode240.000 s0.000 sinitSize>getAxesY20.000 s0.000 s	Layer>MaxPooling2DLayer.get.Stride	3	0.000 s	0.000 s
SeriesNetwork>ilsInteger 3 0.000 s 0.000 s teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	>MaxPooling2DLayer.get.PaddingSize	3	0.000 s	0.000 s
teattributes(x,{'char'},{'nonempty'}) 1 0.000 s 0.000 s categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	imageInputLayer>ilsValidRGBImageSize	1	0.000 s	0.000 s
categorical>categorical.isordinal 7 0.000 s 0.000 s Precision>Precision.Precision 3 0.000 s 0.000 s CacheHandle>CacheHandle.fillCache 4 0.000 s 0.000 s @categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	SeriesNetwork>ilsInteger	3	0.000 s	0.000 s
Precision>Precision.30.000 s0.000 sCacheHandle>CacheHandle.fillCache40.000 s0.000 s@categorical\private\invalidCode240.000 s0.000 sinitSize>getAxesY20.000 s0.000 s	teattributes(x,{'char'},{'nonempty'})	1	0.000 s	0.000 s
CacheHandle>CacheHandle.fillCache40.000 s0.000 s@categorical\private\invalidCode240.000 s0.000 sinitSize>getAxesY20.000 s0.000 s	categorical>categorical.isordinal	7	0.000 s	0.000 s
@categorical\private\invalidCode 24 0.000 s 0.000 s initSize>getAxesY 2 0.000 s 0.000 s	Precision>Precision.Precision	3	0.000 s	0.000 s
initSize>getAxesY 2 0.000 s 0.000 s	CacheHandle>CacheHandle.fillCache	4	0.000 s	0.000 s
	@categorical\private\invalidCode	24	0.000 s	0.000 s
imageDisplayValidateParams>validateMap 2 0.000 s 0.000 s	initSize>getAxesY	2	0.000 s	0.000 s
	imageDisplayValidateParams>validateMap	2	0.000 s	0.000 s

playValidateParams>getCDataMapping	2	0.000 s	0.000 s
ry>ilsSequenceClassificationLayers	2	0.000 s	0.000 s
RandStream.rand	1	0.000 s	0.000 s
FitTemplate>@(x)strcmpi(name,x)	21	0.000 s	0.000 s
ternal.cnn.layer.lmageTransform.empty	1	0.000 s	0.000 s
Predictor>Predictor.get.ResponseName	1	0.000 s	0.000 s
Layer>iMaxLength	2	0.000 s	0.000 s
isdir	1	0.000 s	0.000 s
utLayer>ilsValidGrayscaleImageSize	1	0.000 s	0.000 s
tabular.tabular>tabular.tabular	2	0.000 s	0.000 s
Generator>Generator.reservePredForIter	1	0.000 s	0.000 s
AveragePooling2D>iIsTheStringSame	1	0.000 s	0.000 s
addingSize>iExpandFilterOrPoolSize	2	0.000 s	0.000 s
splitapply>@(ii){ii}	8	0.000 s	0.000 s
ImageInputLayer>iAugmentationsString	1	0.000 s	0.000 s
flipIr	1	0.000 s	0.000 s
oling2dLayer>iCalculatePaddingMode	1	0.000 s	0.000 s
<u>isdatetime</u>	2	0.000 s	0.000 s
categorical.length	12	0.000 s	0.000 s
calculatePaddingSize>ilsTheStringSame	3	0.000 s	0.000 s
dCapableDispatcher.setRunInBackground	2	0.000 s	0.000 s
CacheHandle>CacheHandle.clearCache	5	0.000 s	0.000 s
eArgumentDescriptor>isCharOrString	27	0.000 s	0.000 s
UnsupportedInUifigure>@()warning(w)	1	0.000 s	0.000 s
oling2dLayer>iCalculatePaddingSize	1	0.000 s	0.000 s
imageInputLayer>ilsRowVectorOfTwo	2	0.000 s	0.000 s
putLayer>iMakeIntoRowVectorOfThree	1	0.000 s	0.000 s

sa(x,'classreg.learning.FitTemplate')	1	0.000 s	0.000 s
calculatePaddingSize>iExpandPadding	3	0.000 s	0.000 s
lossCheck	1	0.000 s	0.000 s
<u>isNumLogical</u>	1	0.000 s	0.000 s
Ensemble>Ensemble.Ensemble	1	0.000 s	0.000 s
isduration	2	0.000 s	0.000 s
ayer>iAssertScalarOrRowVectorOfTwo	1	0.000 s	0.000 s
maxPooling2dLayer>ilsRowVectorOfTwo	2	0.000 s	0.000 s
localMapNormParamRanges	1	0.000 s	0.000 s
averagePooling2dLayer>ilsRowVectorOfTwo	2	0.000 s	0.000 s
convolution2dLayer>ilsRowVectorOfTwo	2	0.000 s	0.000 s
atasourceDispatcher>iGetClassNames	2	0.000 s	0.000 s
(isnumeric(z)&&isscalar(z))	1	0.000 s	0.000 s
ayer>iAssertScalarOrRowVectorOfTwo	1	0.000 s	0.000 s
ayer>iAssertScalarOrRowVectorOfTwo	1	0.000 s	0.000 s
LearnableParameter.LearnableParameter	20	0.000 s	0.000 s
nectedLayer>iAssertValidOutputSize	1	0.000 s	0.000 s
re>ImageDatastore.set.PrefetchSize	1	0.000 s	0.000 s
Modifier>Modifier.reserveFitInfo	1	0.000 s	0.000 s
form>ImageTransform.ImageTransform	2	0.000 s	0.000 s
hasDisplay	2	0.000 s	0.000 s
ReLU>ReLU.forwardPropagateSize	25	0.000 s	0.000 s
tion2dLayer>iAssertValidNumFilters	1	0.000 s	0.000 s
ableImageDatastoreMiniBatchDatasource	2	0.000 s	0.000 s
Partitioner>Partitioner.update	10	0.000 s	0.000 s
Splitter>Splitter.Splitter	5	0.000 s	0.000 s
convolution2dLayer>ilsAutoString	1	0.000 s	0.000 s

	I	I	I
rowNamesDim>rowNamesDim.orientAs	1	0.000 s	0.000 s
leBasedSupport.HadoopFileBasedSupport	1	0.000 s	0.000 s
missing>missing.missing	1	0.000 s	0.000 s
t;LocalMapNorm2D.forwardPropagateSize	8	0.000 s	0.000 s
<u>Datastore>Datastore.Datastore</u>	1	0.000 s	0.000 s
>TrainableNetwork.TrainableNetwork	1	0.000 s	0.000 s
wantedHideable.HandleUnwantedHideable	1	0.000 s	0.000 s
rk>iAssertActivationsInvalidForRNN	3	0.000 s	0.000 s
<u>simpleModels</u>	4	0.000 s	0.000 s
le>CompactEnsemble.CompactEnsemble	2	0.000 s	0.000 s
ibutableMiniBatchDatasourceDispatcher	2	0.000 s	0.000 s
t;CrossEntropy.setupForHostPrediction	1	0.000 s	0.000 s
<u>deal</u>	2	0.000 s	0.000 s
>PartitionedModel.PartitionedModel	1	0.000 s	0.000 s
>CrossEntropy.forwardPropagateSize	1	0.000 s	0.000 s
classificationModels	3	0.000 s	0.000 s
SeriesNetwork>iGetDefaultMiniBatchSize	3	0.000 s	0.000 s
ModelParams>ModelParams.expectedVersion	2	0.000 s	0.000 s
<u>regressionModels</u>	3	0.000 s	0.000 s
rFactory>ilsRealNumeric4DHostArray	2	0.000 s	0.000 s
DatasourceDispatcher>iResponseSize	2	0.000 s	0.000 s
>ImageInput.setupForHostPrediction	1	0.000 s	0.000 s
imlincombc (MEX-file)	1	0.000 s	0.000 s
mpactEnsembleImpl.CompactEnsembleImpl	1	0.000 s	0.000 s
DataDispatcherFactory>ilsRealNumericData	2	0.000 s	0.000 s
cher>DataDispatcher.DataDispatcher	2	0.000 s	0.000 s
<u>ensembleModels</u>	2	0.000 s	0.000 s
		<u> </u>	<u> </u>

ispatcher.BackgroundCapableDispatcher	2	0.000 s	0.000 s
niBatchDatasource.MiniBatchDatasource	2	0.000 s	0.000 s
urce.DistributableMiniBatchDatasource	2	0.000 s	0.000 s
pl>cvpartitionlmpl.cvpartitionlmpl	1	0.000 s	0.000 s
bleDispatcher.DistributableDispatcher	2	0.000 s	0.000 s
urce.BackgroundDispatchableDatasource	2	0.000 s	0.000 s
ClassificationPartitionedECOC>@(x)x	1	0.000 s	0.000 s
weakLearners	1	0.000 s	0.000 s
com.mathworks.mde.desk.MLDesktop (Java method)	1	0.000 s	0.000 s

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

3. Self