Profile Summary

Generated 16-Jun-2020 10:01:42 using performance time.

Function Name	Calls	Total Time	Self Time*
main_obj_comparison	1	938.438 s	0.402 s
optimization_M_one_against_one_BCD	10	937.664 s	0.002 s
...n_M_one_against_one_binary_R_Block_CD	10	937.662 s	0.146 s
...ssification_main_workflow_wei_partial	10	937.470 s	19.487 s
optimization_M_lobpcg	75500	795.374 s	741.918 s
optimization_M_Block_CD	75500	119.426 s	68.982 s
mean	2750851	31.687 s	25.842 s
optimization_M_set_gradient	79074	26.111 s	26.111 s
optimization_M_set_L_Mahalanobis	80207	24.526 s	24.526 s
cond	2750858	21.774 s	21.774 s
mean>mysize	2750851	5.844 s	5.844 s
optimization_M_Block_CDdia_corrected	151	3.087 s	0.024 s
optimization_M_clipping	161	2.920 s	2.920 s
addpath	4	0.164 s	0.005 s
path	4	0.158 s	0.119 s
importdata	1	0.142 s	0.003 s
importdata>LocalTextRead	1	0.122 s	0.002 s
importdata>parse	1	0.082 s	0.001 s
importdata>readData	1	0.069 s	0.065 s
...tion_M_one_against_one_binary_results	10	0.041 s	0.041 s
...tion_M_one_against_one_voting_1_and_2	10	0.037 s	0.008 s

Total Time Plot (dark band = self time)
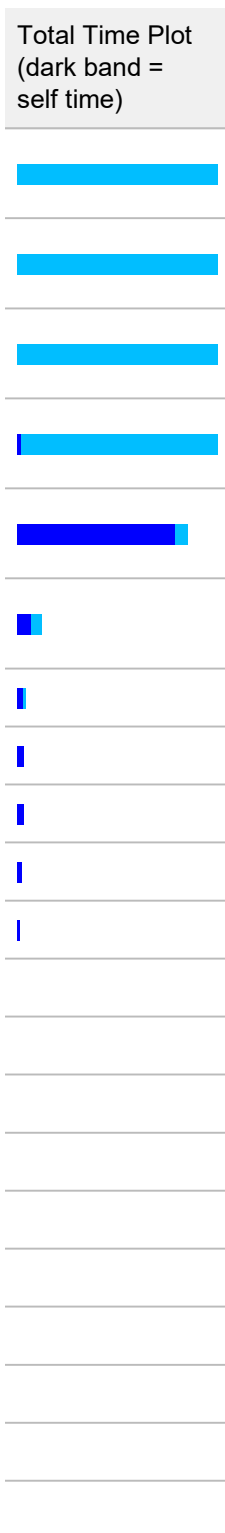
general\private\parsedirs	8	0.033 s	0.033 s
optimization_M_initialization	10	0.030 s	0.030 s
...ization_M_one_against_one_voted_label	10	0.027 s	0.027 s
importdata>fixLineEndings	2	0.023 s	0.023 s
rng	13	0.018 s	0.002 s
finfo	1	0.017 s	0.011 s
fileread	1	0.013 s	0.013 s
num2str	84	0.011 s	0.004 s
importdata>analyze	1	0.011 s	0.000 s
importdata>isvaliddata	1	0.010 s	0.001 s
importdata>maxNotData	1	0.009 s	0.001 s
crossvalind	1	0.008 s	0.002 s
importdata>isdata	502	0.008 s	0.008 s
rng>getCurrentType	13	0.007 s	0.002 s
std	30	0.006 s	0.002 s
...m.RandStream>RandStream.RandStream	13	0.006 s	0.004 s
strcat	4	0.005 s	0.005 s
grp2idx	1	0.005 s	0.000 s
num2str>handleNumericPrecision	42	0.005 s	0.001 s
grp2idx	1	0.005 s	0.001 s
var	30	0.005 s	0.004 s
collectOutput	1	0.004 s	0.000 s
num2str>convertUsingRecycledSprintf	42	0.004 s	0.004 s
...RandStream>localGetSetGlobalStream	26	0.004 s	0.004 s
unique	1	0.003 s	0.002 s
optimization_M_confusion_matrix_setting	10	0.003 s	0.003 s
...dStream>RandStream.setGlobalStream	13	0.003 s	0.000 s
collectOutput>mergeColumns	1	0.003 s	0.003 s
finfo>getExtension	1	0.003 s	0.001 s

RandStream.RandStream>RandStream.subsref	13	0.003 s	0.003 s
fileparts	3	0.002 s	0.002 s
...dStream>RandStream.getGlobalStream	13	0.002 s	0.000 s
int2str	42	0.002 s	0.002 s
iofun\private\guessdelim	1	0.002 s	0.002 s
strtok	1	0.002 s	0.001 s
RandStream.RandStream>getargs	13	0.002 s	0.002 s
general\private\catdirs	4	0.002 s	0.001 s
optimization_M_cy	10	0.001 s	0.001 s
strmatch	1	0.001 s	0.001 s
grp2idx>toString	1	0.001 s	0.001 s
collectOutput>getTypesLengths	1	0.001 s	0.001 s
optimization_M_oao_vae	10	0.001 s	0.001 s
strtok>doStrtok	1	0.001 s	0.001 s
importdata>TrimTrailing	1	0.001 s	0.001 s
ops\private\uniquelegacy	1	0.001 s	0.001 s
RandStream.RandStream>RandStream.algName	13	0.001 s	0.001 s
onCleanup>onCleanup.delete	1	0.001 s	0.000 s
var>mysize	30	0.001 s	0.001 s
xlsreadSupportedExtensions	3	0.001 s	0.001 s
RandStream.RandStream>RandStream.delete	13	0.001 s	0.001 s
rmfield	1	0.000 s	0.000 s
onCleanup>onCleanup.onCleanup	1	0.000 s	0.000 s
blanks	4	0.000 s	0.000 s
path>isValidInput	8	0.000 s	0.000 s
pathsep	12	0.000 s	0.000 s
ispc	3	0.000 s	0.000 s
filesep	8	0.000 s	0.000 s
finfo>@()warning(avWarnState)	1	0.000 s	0.000 s

importdata>split	1	0.000 s	0.000 s
importdata>getLines	2	0.000 s	0.000 s
intmax	2	0.000 s	0.000 s
optimization_M_oao_oaa_error	10	0.000 s	0.000 s
importdata>@(x)(isnan(x))	2	0.000 s	0.000 s
importdata>LocalRowColShuffle	1	0.000 s	0.000 s
intmin	1	0.000 s	0.000 s
optimization_M_net_error	1	0.000 s	0.000 s
isdatetime	1	0.000 s	0.000 s
isduration	1	0.000 s	0.000 s

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

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