Profile Summary

Generated 16-Jun-2020 21:11:11 using performance time.

Function Name	Calls	Total Time	Self Time*
main_obj_comparison	1	19363.445 s	0.060 s
optimization_M_one_against_one_BCD	10	19363.049 s	0.002 s
...n_M_one_against_one_binary_R_Block_CD	10	19363.047 s	0.024 s
...ssification_main_workflow_wei_partial	10	19363.016 s	1333.742 s
optimization_M_Block_CD	62000	15862.124 s	15428.889 s
optimization_M_lobpcg	62000	2163.297 s	2145.962 s
mcml_obj	51357	417.621 s	417.621 s
mcml_gradient	67669	16.184 s	16.184 s
mean	670309	10.624 s	8.748 s
cond	670277	6.717 s	6.717 s
optimization_M_Block_CDdia_corrected	31	2.920 s	0.099 s
optimization_M_clipping	32	2.539 s	2.539 s
mean>mysize	670309	1.876 s	1.876 s
optimization_M_initialization	10	0.619 s	0.619 s
addpath	5	0.212 s	0.006 s
path	5	0.205 s	0.157 s
importdata	1	0.088 s	0.003 s
importdata>LocalTextRead	1	0.070 s	0.001 s
importdata>parse	1	0.056 s	0.001 s
general\private\parsedirs	10	0.042 s	0.041 s
importdata>analyze	1	0.037 s	0.001 s
importdata>isvaliddata	1	0.037 s	0.001 s

Total Time Plot (dark band = self time)

importdata>maxNotData	1	0.034 s	0.004 s
importdata>isdata	2002	0.031 s	0.031 s
rng	13	0.018 s	0.002 s
importdata>readData	1	0.016 s	0.012 s
finfo	1	0.015 s	0.008 s
num2str	84	0.012 s	0.005 s
mcml_get_variables_ready	10	0.010 s	0.003 s
...tion_M_one_against_one_voting_1_and_2	10	0.008 s	0.004 s
unique	11	0.008 s	0.004 s
crossvalind	1	0.008 s	0.001 s
importdata>fixLineEndings	2	0.007 s	0.007 s
rng>getCurrentType	13	0.007 s	0.002 s
std	30	0.007 s	0.002 s
strcat	5	0.006 s	0.006 s
...m.RandStream>RandStream.RandStream	13	0.006 s	0.004 s
num2str>handleNumericPrecision	42	0.005 s	0.001 s
grp2idx	1	0.005 s	0.000 s
var	30	0.005 s	0.004 s
grp2idx	1	0.005 s	0.001 s
num2str>convertUsingRecycledSprintf	42	0.005 s	0.005 s
...RandStream>localGetSetGlobalStream	26	0.005 s	0.004 s
fileread	1	0.004 s	0.004 s
collectOutput	1	0.004 s	0.000 s
...ization_M_one_against_one_voted_label	10	0.003 s	0.003 s
unique>uniqueR2012a	10	0.003 s	0.003 s
...dStream>RandStream.setGlobalStream	13	0.003 s	0.000 s
finfo>getExtension	1	0.003 s	0.001 s
fileparts	3	0.003 s	0.002 s
RandStream.RandStream>RandStream.subsref	13	0.003 s	0.003 s

...dStream>RandStream.getGlobalStream	13	0.002 s	0.000 s
collectOutput>getTypesLengths	1	0.002 s	0.002 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	5	0.001 s	0.001 s
...tion_M_one_against_one_binary_results	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>mergeColumns	1	0.001 s	0.001 s
strtok>doStrtok	1	0.001 s	0.001 s
optimization_M_oao_vae	10	0.001 s	0.001 s
optimization_M_confusion_matrix_setting	10	0.001 s	0.001 s
importdata>TrimTrailing	1	0.001 s	0.001 s
importdata>split	1	0.001 s	0.001 s
RandStream.RandStream>RandStream.algName	13	0.001 s	0.001 s
var>mysize	30	0.001 s	0.001 s
onCleanup>onCleanup.delete	1	0.001 s	0.000 s
ops\private\uniquelegacy	1	0.001 s	0.001 s
RandStream.RandStream>RandStream.delete	13	0.001 s	0.001 s
xlsreadSupportedExtensions	3	0.001 s	0.001 s
blanks	5	0.000 s	0.000 s
onCleanup>onCleanup.onCleanup	1	0.000 s	0.000 s
rmfield	1	0.000 s	0.000 s
pathsep	15	0.000 s	0.000 s
ispc	3	0.000 s	0.000 s
path>isValidInput	10	0.000 s	0.000 s
importdata>getLines	2	0.000 s	0.000 s

[filesep](#)	10	0.000 s	0.000 s
[finfo>@()warning(avWarnState)](#)	1	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 functions.
Self time also includes overhead resulting from the process of profiling.