Profile Summary

Function Name	Calls	Total Time	Self Time*
main_obj_comparison	1	935.240 s	0.400 s
optimization_M_one_against_one_BCD	10	934.421 s	0.002 s
...n_M_one_against_one_binary_R_Block_CD	10	934.419 s	0.144 s
optimization_M_DML_wei	10	934.231 s	0.508 s
...ssification_main_workflow_wei_partial	10	933.678 s	25.057 s
optimization_M_lobpcg	79000	798.045 s	745.941 s
optimization_M_Block_CD	79000	106.575 s	88.453 s
mean	2671363	30.584 s	25.032 s
cond	2671341	21.523 s	21.523 s
dml_gradient	83146	9.328 s	9.328 s
dml_obj	84544	8.869 s	8.869 s
mean>mysize	2671363	5.552 s	5.552 s
optimization_M_Block_CDdia_corrected	158	3.977 s	0.029 s
optimization_M_clipping	185	3.893 s	3.893 s
addpath	5	0.216 s	0.006 s
path	5	0.209 s	0.160 s
importdata	1	0.138 s	0.003 s
importdata>LocalTextRead	1	0.122 s	0.002 s
importdata>parse	1	0.081 s	0.001 s
importdata>readData	1	0.068 s	0.064 s
general\private\parsedirs	10	0.043 s	0.042 s

Total Time Plot (dark band = self time)
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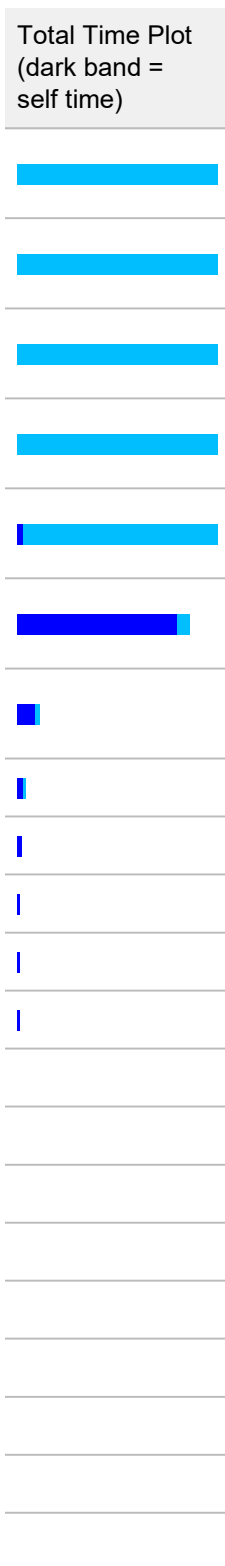
...tion_M_one_against_one_binary_results	10	0.039 s	0.039 s
...tion_M_one_against_one_voting_1_and_2	10	0.037 s	0.008 s
optimization_M_initialization	10	0.030 s	0.030 s
...ization_M_one_against_one_voted_label	10	0.027 s	0.027 s
importdata>fixLineEndings	2	0.024 s	0.024 s
rng	13	0.018 s	0.002 s
fileread	1	0.014 s	0.014 s
num2str	104	0.013 s	0.005 s
finfo	1	0.012 s	0.006 s
importdata>analyze	1	0.011 s	0.000 s
importdata>isvaliddata	1	0.011 s	0.001 s
importdata>maxNotData	1	0.009 s	0.001 s
importdata>isdata	502	0.008 s	0.008 s
rng>getCurrentType	13	0.007 s	0.002 s
crossvalind	1	0.007 s	0.002 s
num2str>handleNumericPrecision	62	0.007 s	0.001 s
std	30	0.006 s	0.001 s
...m.RandStream>RandStream.RandStream	13	0.006 s	0.004 s
num2str>convertUsingRecycledSprintf	62	0.006 s	0.006 s
strcat	5	0.005 s	0.005 s
...RandStream>localGetSetGlobalStream	26	0.005 s	0.004 s
var	30	0.005 s	0.004 s
collectOutput	1	0.004 s	0.000 s
grp2idx	1	0.004 s	0.000 s
grp2idx	1	0.004 s	0.001 s
...dStream>RandStream.setGlobalStream	13	0.003 s	0.000 s
optimization_M_confusion_matrix_setting	10	0.003 s	0.003 s
RandStream.RandStream>RandStream.subsref	13	0.003 s	0.003 s
fileparts	3	0.003 s	0.002 s

collectOutput>mergeColumns	1	0.003 s	0.003 s
...dStream>RandStream.getGlobalStream	13	0.003 s	0.000 s
finfo>getExtension	1	0.002 s	0.000 s
get_S_and_D	10	0.002 s	0.002 s
int2str	42	0.002 s	0.002 s
iofun\private\guessdelim	1	0.002 s	0.002 s
unique	1	0.002 s	0.001 s
strtok	1	0.002 s	0.001 s
RandStream.RandStream>getargs	13	0.002 s	0.002 s
general\private\catdirs	5	0.002 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
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	5	0.000 s	0.000 s
onCleanup>onCleanup.delete	1	0.000 s	0.000 s
pathsep	15	0.000 s	0.000 s
path>isValidInput	10	0.000 s	0.000 s
filesep	10	0.000 s	0.000 s
ispc	3	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
importdata>@(x)(isnan(x))	2	0.000 s	0.000 s
optimization_M_oao_oaa_error	10	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
finfo>@()warning(avWarnState)	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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