This is a static copy of a profile report

Profile Summary
Generated 21-Feb-2016 18:28:17 using cpu time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
master	1	36.775 s	1.489 s	
GetImpossibleHouseholds	25	28.637 s	1.810 s	
GenerateData	75	26.827 s	8.760 s	
GenerateData2Check	490	17.949 s	14.581 s	
samplezHHwithHHnewv1_2HHvar (MEX-file)	25	4.653 s	4.653 s	
randomsample_new (MEX-file)	413232	1.879 s	1.879 s	
UpdatePhi	25	1.071 s	0.866 s	
unique	2146	0.847 s	0.127 s	
unique>uniqueR2012a	2146	0.720 s	0.720 s	
hist	2171	0.701 s	0.633 s	
init	1	0.341 s	0.000 s	
betarnd	1002	0.321 s	0.302 s	
initParameters	1	0.273 s	0.029 s	
gamrnd	2175	0.185 s	0.097 s	
groupcount (MEX-file)	200	0.165 s	0.165 s	
samplezmemberv1 (MEX-file)	25	0.156 s	0.156 s	
UpdateLambda	25	0.136 s	0.039 s	
UpdatePi	25	0.127 s	0.010 s	
checkingconstraints (MEX-file)	490	0.117 s	0.117 s	
UpdateW	25	0.097 s	0.029 s	
randg (MEX-file)	4179	0.088 s	0.088 s	
axescheck	2171	0.068 s	0.068 s	

[postsave](#)	25	0.068 s	0.068 s	
[addpath](#)	1	0.019 s	0.010 s	
[initInputData](#)	1	0.019 s	0.019 s	
[stats/private/statsizechk](#) (MEX-file)	3177	0.019 s	0.019 s	
[initOutput](#)	1	0.019 s	0.019 s	
[path](#)	1	0.010 s	0.010 s	
[initHyperParameters](#)	1	0.010 s	0.010 s	
[general/private/catdirs](#)	1	0 s	0.000 s	
[general/private/parsedirs](#)	2	0 s	0.000 s	
[pathsep](#)	3	0 s	0.000 s	
[filesep](#)	2	0 s	0.000 s	
[UpdateAlpha](#)	25	0 s	0.000 s	
[UpdateBeta](#)	25	0 s	0.000 s	
[fliplr](#)	50	0 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.