

## Profile Summary

Generated 04-Nov-2015 13:09:11 using cpu time.

| <a href="#">Function Name</a>                     | <a href="#">Calls</a> | <a href="#">Total Time</a> | <a href="#">Self Time*</a> |
|---|-----------------------|----------------------------|----------------------------|
| <a href="#">dmvgt</a>                             | 224                   | 38.512 s                   | 9.000 s                    |
| <a href="#">MitISEM_new</a>                       | 10                    | 37.082 s                   | 0.018 s                    |
| <a href="#">dmvt</a>                              | 3298000               | 29.513 s                   | 29.513 s                   |
| <a href="#">fn_optimt</a>                         | 26                    | 23.922 s                   | 0.003 s                    |
| <a href="#">fn_ISEM</a>                           | 52                    | 11.992 s                   | 0.222 s                    |
| <a href="#">Mit_MH</a>                            | 10                    | 2.479 s                    | 0.002 s                    |
| <a href="#">fn_rmvgt_robust</a>                   | 82                    | 0.384 s                    | 0.015 s                    |
| <a href="#">rmvgt2</a>                            | 96                    | 0.235 s                    | 0.006 s                    |
| <a href="#">rmvt</a>                              | 160                   | 0.179 s                    | 0.030 s                    |
| <a href="#">Mit_MH&gt;fn_MH</a>                   | 10                    | 0.179 s                    | 0.179 s                    |
| <a href="#">fminunc</a>                           | 10                    | 0.173 s                    | 0.022 s                    |
| <a href="#">fn_initopt</a>                        | 10                    | 0.173 s                    | 0.000 s                    |
| <a href="#">posterior_debug</a>                   | 266                   | 0.144 s                    | 0.048 s                    |
| <a href="#">@(x)posterior_debug(x,y,a,b,true)</a> | 96                    | 0.134 s                    | 0.003 s                    |
| <a href="#">optim\private\fminsub</a>             | 10                    | 0.129 s                    | 0.035 s                    |
| <a href="#">chi2rnd</a>                           | 160                   | 0.122 s                    | 0.007 s                    |
| <a href="#">randg (MEX-file)</a>                  | 160                   | 0.115 s                    | 0.115 s                    |
| <a href="#">posterior_debug&gt;prior_debug</a>    | 266                   | 0.096 s                    | 0.096 s                    |
| <a href="#">randsample</a>                        | 96                    | 0.050 s                    | 0.050 s                    |
| <a href="#">optim\private\fminsub&gt;testStop</a> | 50                    | 0.036 s                    | 0.000 s                    |
| <a href="#">createExitMsg</a>                     | 10                    | 0.036 s                    | 0.036 s                    |
| <a href="#">optim\private\lineSearch</a>          | 50                    | 0.030 s                    | -0.000 s                   |



|   |     |         |         |
|---|-----|---------|---------|
| <a href="#">finitedifferences</a>                           | 70  | 0.027 s | 0.018 s |
| <a href="#">mvnrnd</a>                                      | 160 | 0.027 s | 0.012 s |
| <a href="#">fn_CVstop</a>                                   | 46  | 0.025 s | 0.001 s |
| <a href="#">fn_select</a>                                   | 16  | 0.024 s | 0.016 s |
| <a href="#">std</a>   | 92  | 0.023 s | 0.018 s |
| <a href="#">fzero</a>                                       | 7   | 0.021 s | 0.020 s |
| <a href="#">optim\private\lineSearch&gt;sectioningPhase</a> | 10  | 0.018 s | 0.001 s |
| <a href="#">optimfcnchk</a>                                 | 10  | 0.017 s | 0.017 s |
| <a href="#">...te\lineSearch&gt;pickAlphaWithinInterval</a> | 10  | 0.015 s | 0.000 s |
| <a href="#">...earch&gt;globalMinimizerOfPolylnInterval</a> | 10  | 0.015 s | 0.015 s |
| <a href="#">cholcov</a>                                     | 160 | 0.015 s | 0.015 s |
| <a href="#">optimget</a>                                    | 265 | 0.013 s | 0.000 s |
| <a href="#">optimget&gt;optimgetfast</a>                    | 265 | 0.013 s | 0.013 s |
| <a href="#">@(x)-posterior_debug(x,y,a,b,true)</a>          | 170 | 0.013 s | 0.000 s |
| <a href="#">optim\private\lineSearch&gt;bracketingPhase</a> | 50  | 0.012 s | 0.000 s |
| <a href="#">sortrows</a>                                    | 16  | 0.008 s | 0.000 s |
| <a href="#">sortrows&gt;sort_back_to_front</a>              | 16  | 0.008 s | 0.008 s |
| <a href="#">finDiffEvalAndChkErr</a>                        | 70  | 0.007 s | 0.001 s |
| <a href="#">fn_lSwgts</a>                                   | 72  | 0.006 s | 0.006 s |
| <a href="#">var</a>   | 92  | 0.005 s | 0.005 s |
| <a href="#">fn_muSigma</a>                                  | 26  | 0.005 s | 0.005 s |
| <a href="#">fn_testSigma</a>                                | 90  | 0.004 s | 0.001 s |
| <a href="#">fn_shrink_mit</a>                               | 32  | 0.004 s | 0.000 s |
| <a href="#">fn_testSigma&gt;fn_isPDS</a>                    | 90  | 0.003 s | 0.003 s |
| <a href="#">optim\private\fminusub&gt;finDiffHessian</a>    | 10  | 0.002 s | 0.000 s |
| <a href="#">nonzerosign</a>                                 | 140 | 0.002 s | 0.002 s |
| <a href="#">mean</a>  | 56  | 0.002 s | 0.002 s |
| <a href="#">...&gt;@(nu)-psi(nu/2)+log(nu/2)+1-w_exp(h)</a> | 161 | 0.002 s | 0.002 s |
| <a href="#">fn_PL</a>                                       | 10  | 0.002 s | 0.002 s |



|   |     |         |         |
|---|-----|---------|---------|
| <a href="#">getNumericOrStringFieldValue</a>                | 10  | 0.001 s | 0.000 s |
| <a href="#">validateFinDiffRelStep</a>                      | 10  | 0.001 s | 0.000 s |
| <a href="#">fn_updateMit</a>                                | 16  | 0.001 s | 0.001 s |
| <a href="#">prepareOptionsForSolver</a>                     | 10  | 0 s     | 0.000 s |
| <a href="#">createOptionFeedback</a>                        | 10  | 0 s     | 0.000 s |
| <a href="#">isoptimargdbl</a>                               | 20  | 0 s     | 0.000 s |
| <a href="#">checkoptionsize</a>                             | 10  | 0 s     | 0.000 s |
| <a href="#">fcnchk</a>                                      | 17  | 0 s     | 0.000 s |
| <a href="#">optim\private\fminsub&gt;initialTestStop</a>    | 10  | 0 s     | 0.000 s |
| <a href="#">opt...fminsub&gt;initialQuasiNewtonMatrix</a>   | 10  | 0 s     | 0.000 s |
| <a href="#">opt...vate\lineSearch&gt;interpolatingCubic</a> | 10  | 0 s     | 0.000 s |
| <a href="#">roots</a>                                       | 10  | 0 s     | 0.000 s |
| <a href="#">polyval</a>                                     | 30  | 0 s     | 0.000 s |
| <a href="#">optim\private\relDeltaXFminunc</a>              | 40  | 0 s     | 0.000 s |
| <a href="#">opt...e\fminsub&gt;updateQuasiNewtonMatrix</a>  | 40  | 0 s     | 0.000 s |
| <a href="#">stats\private\statsizechk</a> (MEX-file)        | 160 | 0 s     | 0.000 s |
| <a href="#">...e@(nu)-psi(nu/2)+log(nu/2)+1-w_exp(h)</a>    | 100 | 0 s     | 0.000 s |
| <a href="#">fn_shrink_mit&gt;fn_testProb</a>                | 32  | 0 s     | 0.000 s |
| <a href="#">fn_PL&gt;create@(y)100*(exp(y/100)-1)</a>       | 10  | 0 s     | 0.000 s |
| <a href="#">fn_PL&gt;@(y)100*(exp(y/100)-1)</a>             | 10  | 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.

