

The purpose of this document is to record what was done to enable IVM in PST to use the structured global variable g and other ‘clean up’ actions taken.

Each paragraph describes the required changes to the PST file.

Initial globals:

```
%% Original globals block condensed into g...
%% ivm variables - 5
global n_ivm mac_ivm_idx ivmmod_data ivmmod_d_sig ivmmod_e_sig
% added
global ivmmod_d_sigst ivmmod_e_sigst
global divmmod_d_sigst divmmod_e_sigst
```

Modified globals:

```
global g
```

Non-Linear files

correctorIntegration

- Correction of ivm references to g.ivm

dynamicSolution

- Correction of ivm references to g.ivm

handleStDx

- Addition of IVM to function
- Correction of ivm references to g.ivm

initNLsim

- Correction of ivm references to g.ivm

initZeros

- Correction of ivm references to g.ivm

predictorIntegration

- Correction of ivm references to g.ivm

s_simu_BatchTestF

- Correction of ivm references to g.ivm

s_simu_BatchVTS

- Correction of ivm references to g.ivm

trimLogs

- Added ivm references to `g.ivm`

ivmmod_dyn_ORIG

- Added ivm references to `g.ivm`

mac_indx

- Added ivm references to `g.ivm`

mac_ivm

- Added ivm references to `g.ivm`
- updated internal function documentation

s_simu_Batch

- Correction of ivm references to `g.ivm`