

The purpose of this document is to record what was done to enable **pss** PST model from version 3 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...
%% pss variables - 21
    global  pss_con pss_pot pss_mb_idx pss_exc_idx
    global  pss1 pss2 pss3 dpss1 dpss2 dpss3 pss_out
    global  pss_idx n_pss pss_sp_idx pss_p_idx;
    global  pss_T  pss_T2 pss_T4 pss_T4_idx
    global  pss_noT4_idx % misspelled in pss_idx as pss_noT4
```

Modified globals:

```
global g
```

## Non-Linear files

---

### **exc\_dc12**

- alteration of system globals to use **g.pss** structure

### **exc\_st3**

- alteration of system globals to use **g.pss** structure

### **handleNewGlobals**

- alteration of system globals to use **g.pss** structure
- alteration of system globals to use **g.sys.sw\_con**
- addition of **pssGainFix**

### **pss**

- alteration of system globals to use **g.pss** and **g.sys** structure
- Revised format of internal function documentation

### **pss\_idx**

- Revised format of internal function documentation
- alteration of system globals to use **g.pss** structure

### **smpexc**

- alteration of system globals to use **g.pss** structure

## **smppi**

- alteration of system globals to use `g.pss` structure

## **s\_simu\_Batch**

- alteration of system globals to use `g.pss` structure

## **y\_switch**

- alteration of system globals to use `g.sys.sw_con`

## **Linear Specific files**

---

## **xxx**

- alteration of system globals to use `g.pss` structure