1. Run tsprep.bat
2. Edit control.pst
   1. Change observation group number & names
   2. Set NOPTMAX = 0
3. Edit tsproc.dat
   1. Change context to model\_run
4. Run control.pst (C:\PEST\PEST control)
5. Run PWTADJ1 to adjust weights
   1. C:\PEST\pwtadj1 control controlwa 1000
6. Run controlwa.pst (C:\PEST\PEST controlwa)
7. Check results
8. Run PARREP to create calibrated control file
   1. C:\pest\parrep controlwa.par controlwa.pst calib.pst
9. Edit calib.pst
   1. Change NOPTMAX to -1
10. Run calib.pst
11. Run PCOV2MAT to create parameter covariance matrix
    1. C:\PEST\pcov2mat calib.rec calparcov.mat
12. Create calparcov.unc
13. Run RANDPAR to generate 500 random parameter sets
    1. C:\PEST\randpar
    2. Control file = calib.pst
    3. Lognormal distribution
    4. Means as existing parameter values
    5. Respect parameter ranges.
    6. Parameter uncertainty file = calparcov.unc
    7. Filename base = parset
    8. 500 files
14. Create copy of calib.pst and rename uncert.pst
15. Edit uncert.pst
    1. Change NOPTMAX to 1
16. Create response\_calib.in
17. Create and run uncert.bat
18. Copy uncert.pst and rename adjusted.pst
19. Edit adjusted.pst
    1. Set NOPTMAX to 0
20. Create and run cal\_adjusted\_runs.bat
21. Create parsets.txt with single column of filtered parameter set integers
22. Run MULPARTAB to compile adjusted parameter sets into single file
    1. C:\PEST\mulpartab adjparset\*.par parsets.txt adjpars.txt