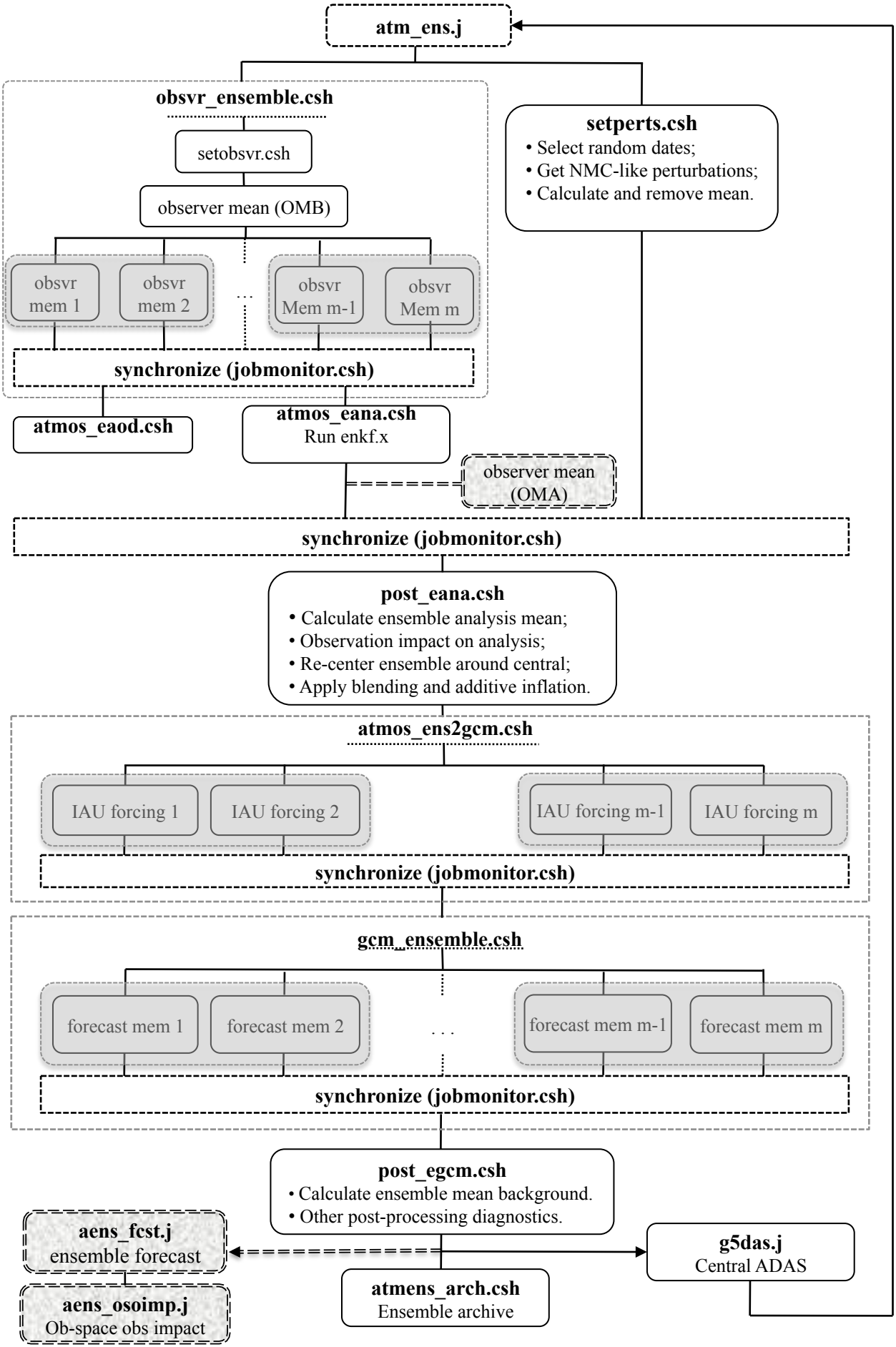
atm_ens.j
obsvr_ensemble.csh
setobsvr.csh
observer mean (OMB)
obsvr mem 1
obsvr mem 2
...
obsvr Mem m-1
obsvr Mem m
synchronize (jobmonitor.csh)
atmos_eaod.csh
atmos_eana.csh
Run enkf.x
setperts.csh
• Select random dates;
• Get NMC-like perturbations;
• Calculate and remove mean.
observer mean (OMA)
synchronize (jobmonitor.csh)
post_eana.csh
• Calculate ensemble analysis mean;
• Observation impact on analysis;
• Re-center ensemble around central;
• Apply blending and additive inflation.
atmos_ens2gcm.csh
IAU forcing 1
IAU forcing 2
IAU forcing m-1
IAU forcing m
synchronize (jobmonitor.csh)
gcm_ensemble.csh
forecast mem 1
forecast mem 2
...
forecast mem m-1
forecast mem m
synchronize (jobmonitor.csh)
post_egcm.csh
• Calculate ensemble mean background.
• Other post-processing diagnostics.
aens_fcst.j
ensemble forecast
g5das.j
Central ADAS
aens_osoimp.j
Ob-space obs impact
atmens_arch.csh
Ensemble archive