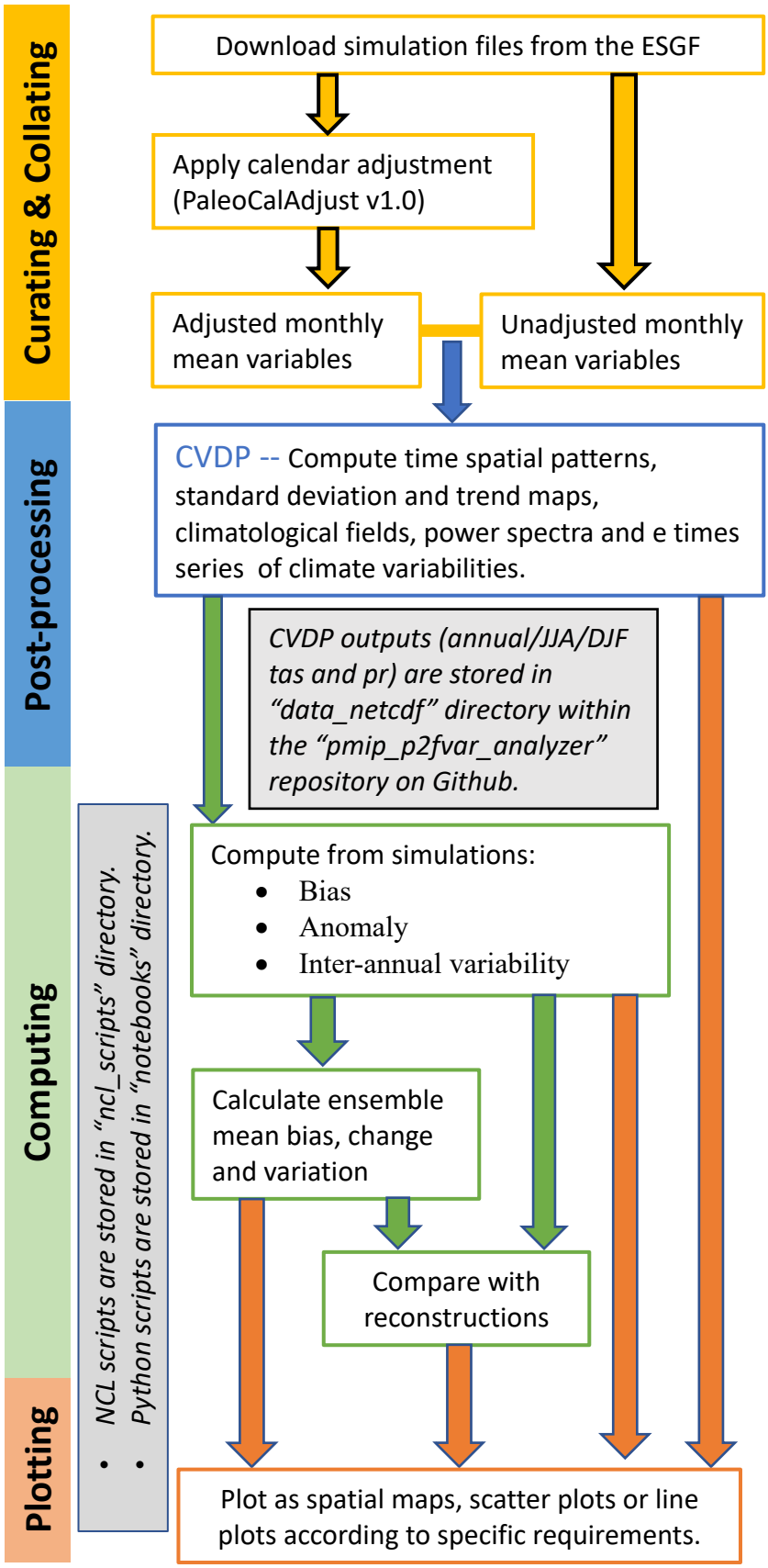
Curating & Collating
Download simulation files from the ESGF
Apply calendar adjustment (PaleoCalAdjust v1.0)
Adjusted monthly mean variables
Unadjusted monthly mean variables
Post-processing
CVDP -- Compute time spatial patterns, standard deviation and trend maps, climatological fields, power spectra and e times series of climate variabilities.
CVDP outputs (annual/JJA/DJF tas and pr) are stored in "data_netcdf" directory within the "pmip_p2fvar_analyzer" repository on Github.
Computing
Compute from simulations:
Bias
Anomaly
Inter-annual variability
Calculate ensemble mean bias, change and variation
Compare with reconstructions
NCL scripts are stored in "ncl_scripts" directory.
Python scripts are stored in "notebooks" directory.
Plotting
Plot as spatial maps, scatter plots or line plots according to specific requirements.