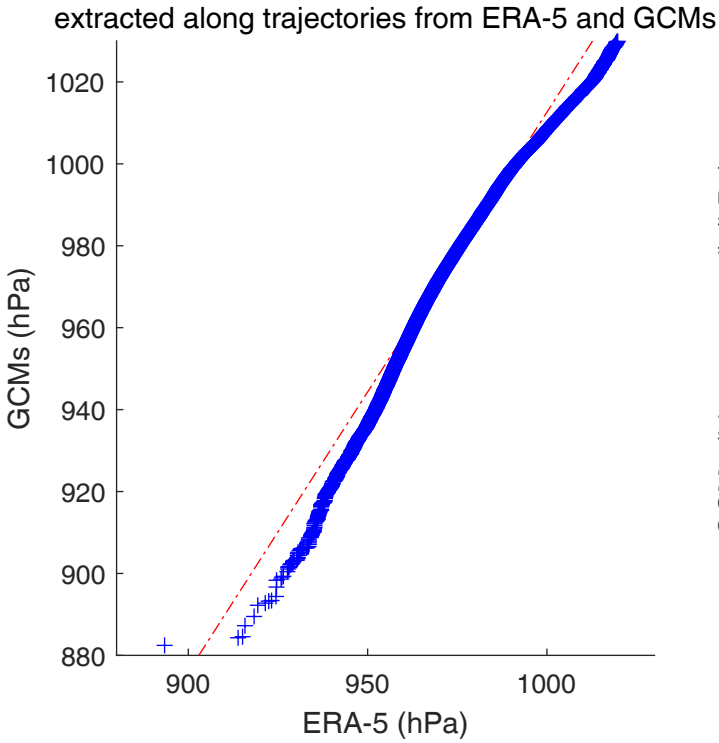
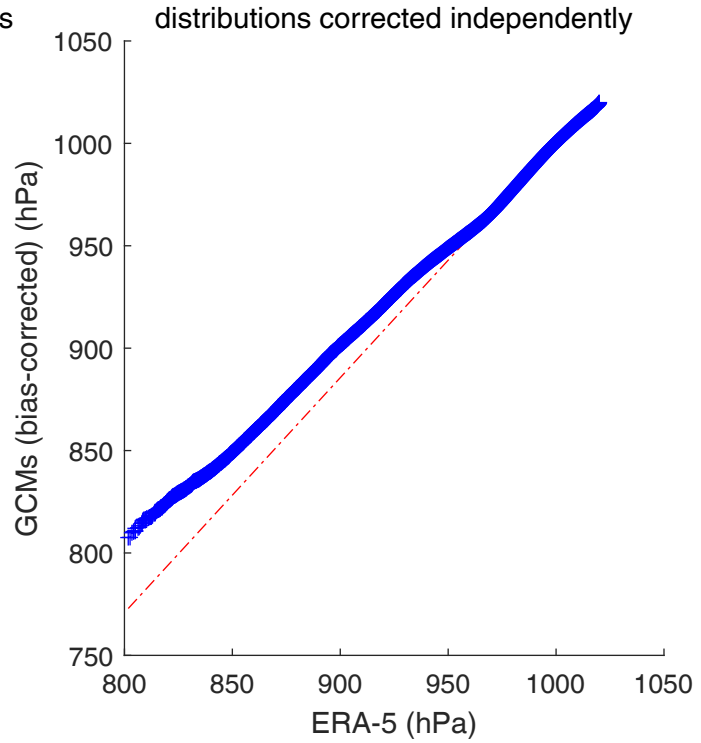


**(a) QQ plot MPI**

~ computed from MSLP, RH, SST and  $T_{\text{tropo}}$   
 extracted along trajectories from ERA-5 and GCMs

**(b) QQ plot MPI bias-corrected**

~ computed from MSLP, RH, SST and  $T_{\text{tropo}}$   
 distributions corrected independently

**(c) QQ plot MPI bias-corrected**

~ computed from MSLP, RH  
 and thermodynamic efficiency ( $\epsilon$ ) corrected

