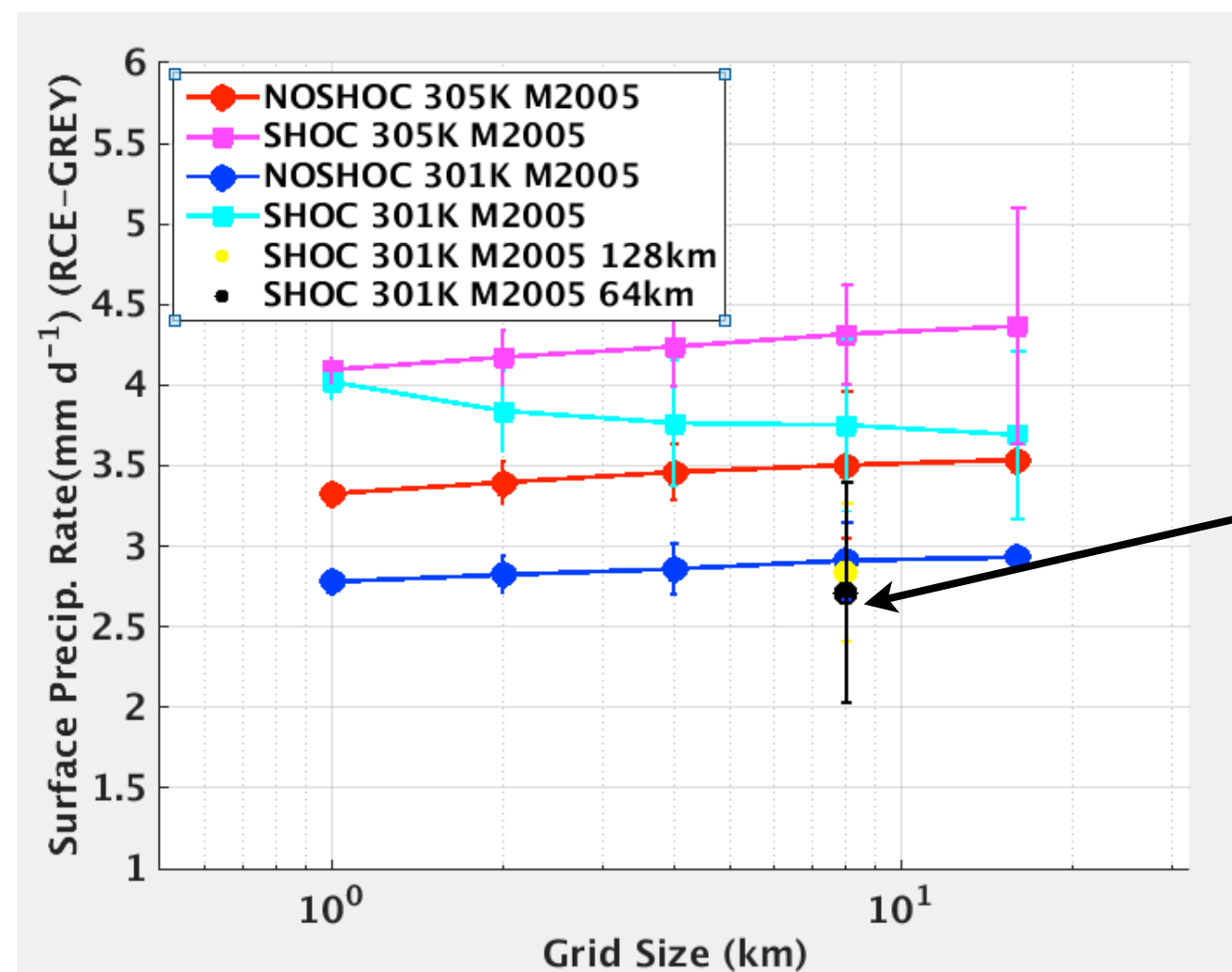
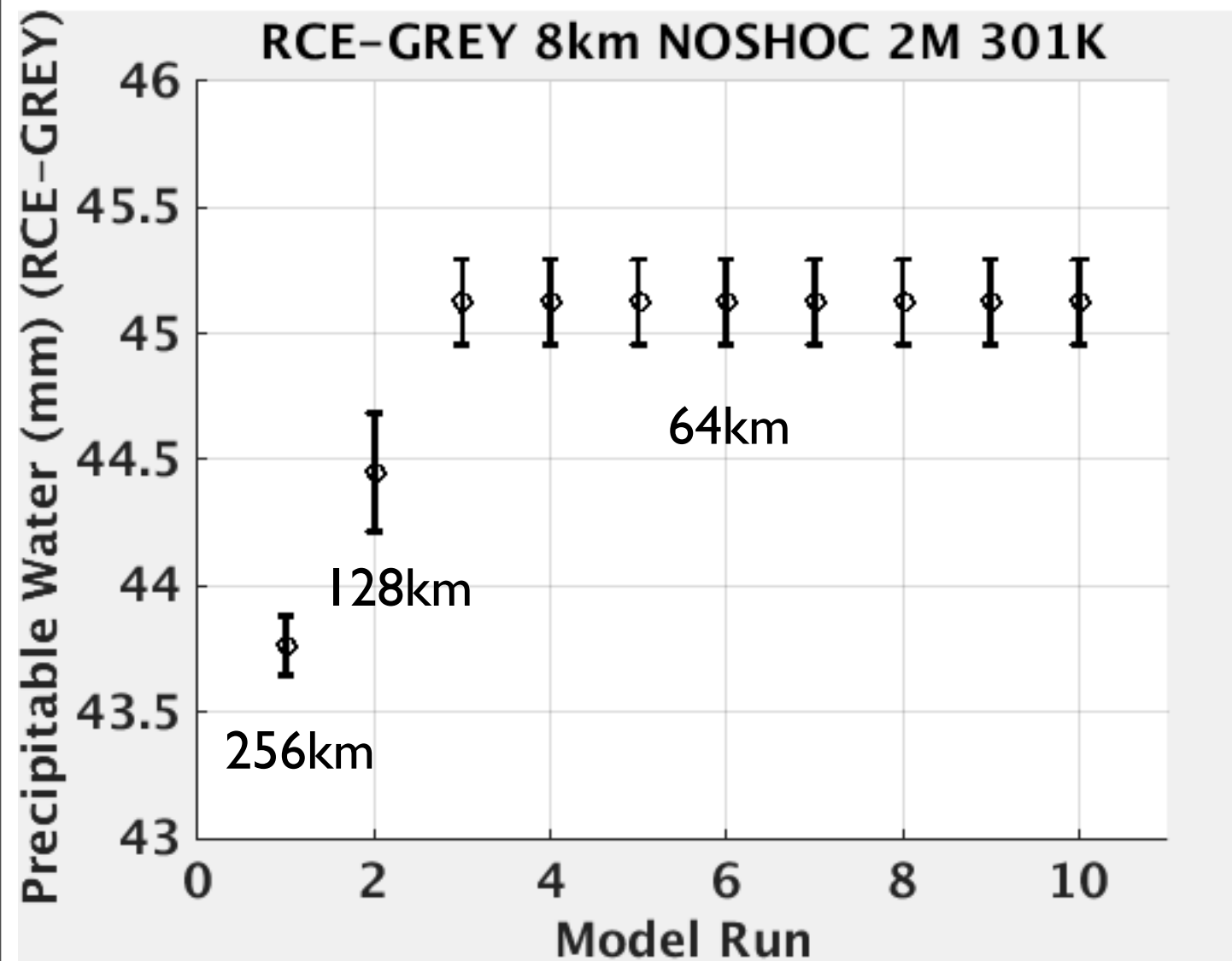


Previously...



Want a set of 7 more 64km domain runs to see how much variation exists.

Attempt 1



PW_G202M	50x1 si...	44.6367	43.4487
PW_G202M_128	50x1 si...	44.8495	43.8492
PW_G202M_64	50x1 si...	45.4343	44.3623
PW_G202M_64v2	50x1 si...	45.4343	44.3623
PW_G202M_64v3	50x1 si...	45.4343	44.3623
PW_G202M_64v4	50x1 si...	45.4343	44.3623
PW_G202M_64v5	50x1 si...	45.4343	44.3623
PW_G202M_64v6	50x1 si...	45.4343	44.3623
PW_G202M_64v7	50x1 si...	45.4343	44.3623
PW_G202M_64v8	50x1 si...	45.4343	44.3623

```

call ranset_(3*rank)
ptype = perturb_type
call setperturb_sgs(ptype) ! set sgs fields
select case (ptype)
  case(0)
    do k=1,nzm
      do j=1,ny
        do i=1,nx
          rrr=1.-2.*ranf_()
          if(k.le.5) then
            t(i,j,k)=t(i,j,k)+0.02*rrr*(6-k)
          endif
        end do
      end do
    end do
  end do

```

Needs to be different each run, so let's just set it to be different each run.

Attempt 2

64km Domain, NOSHOC, 305K, 2M, 1km grid

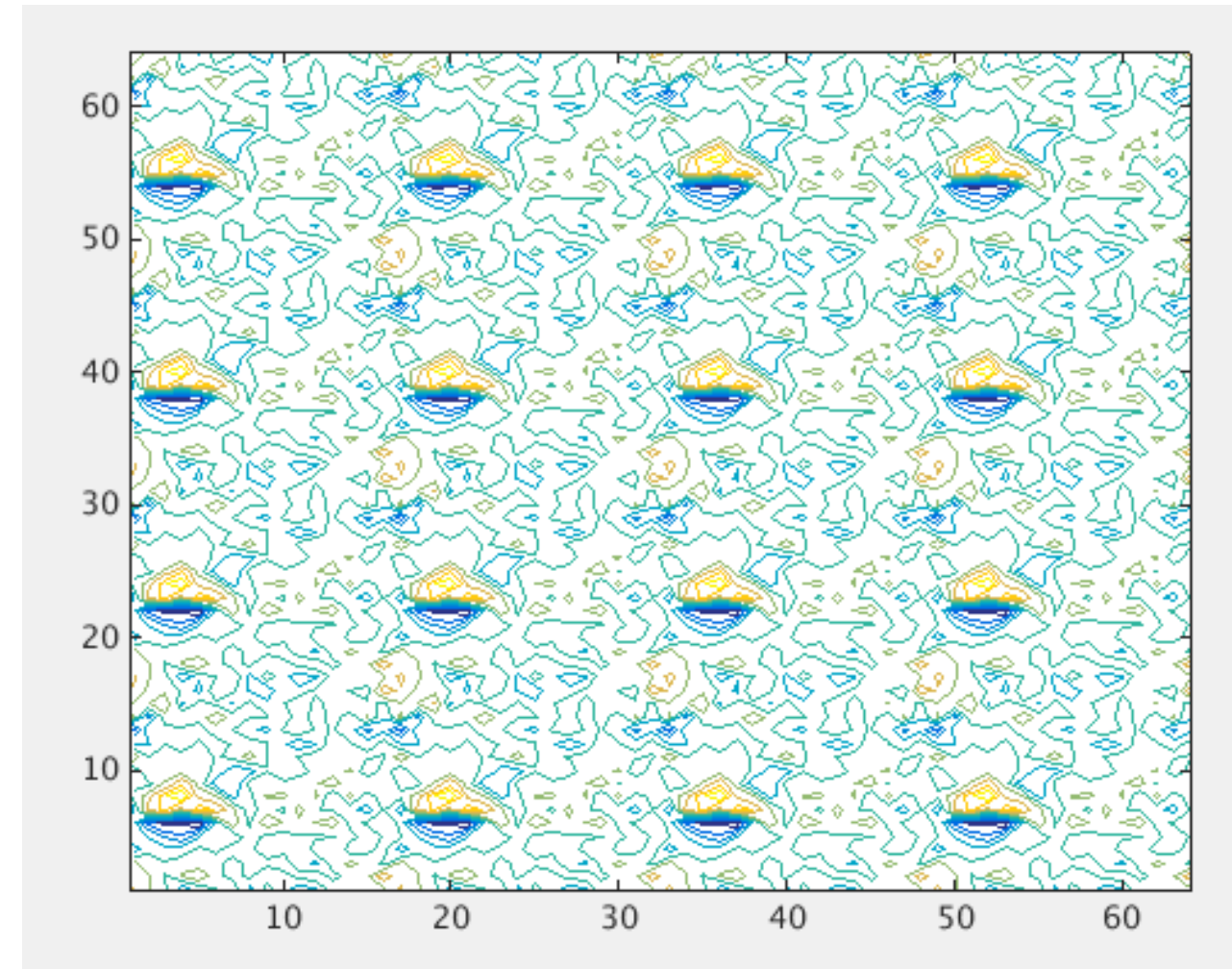
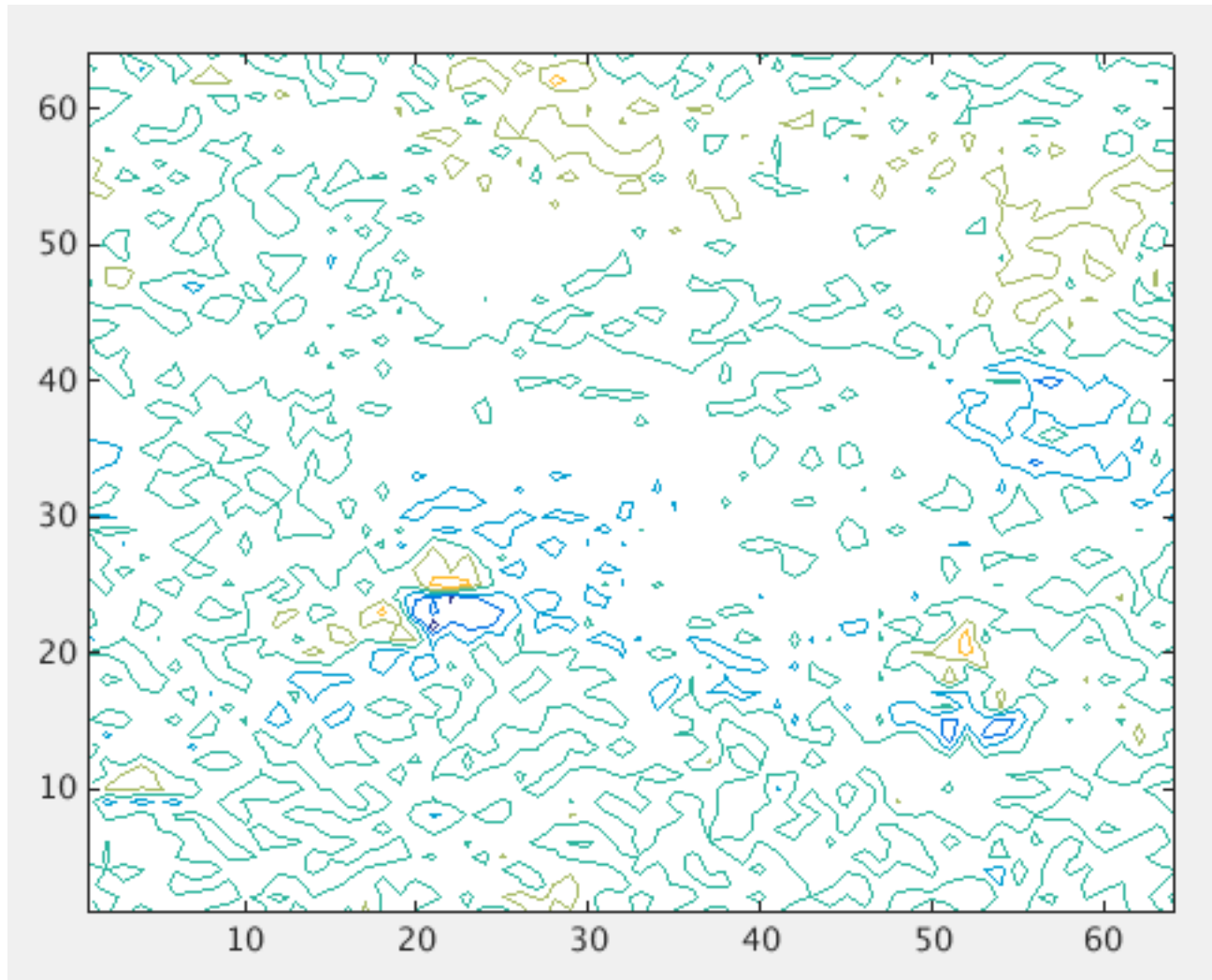
Usfc

Usfc

Original (3*rank)

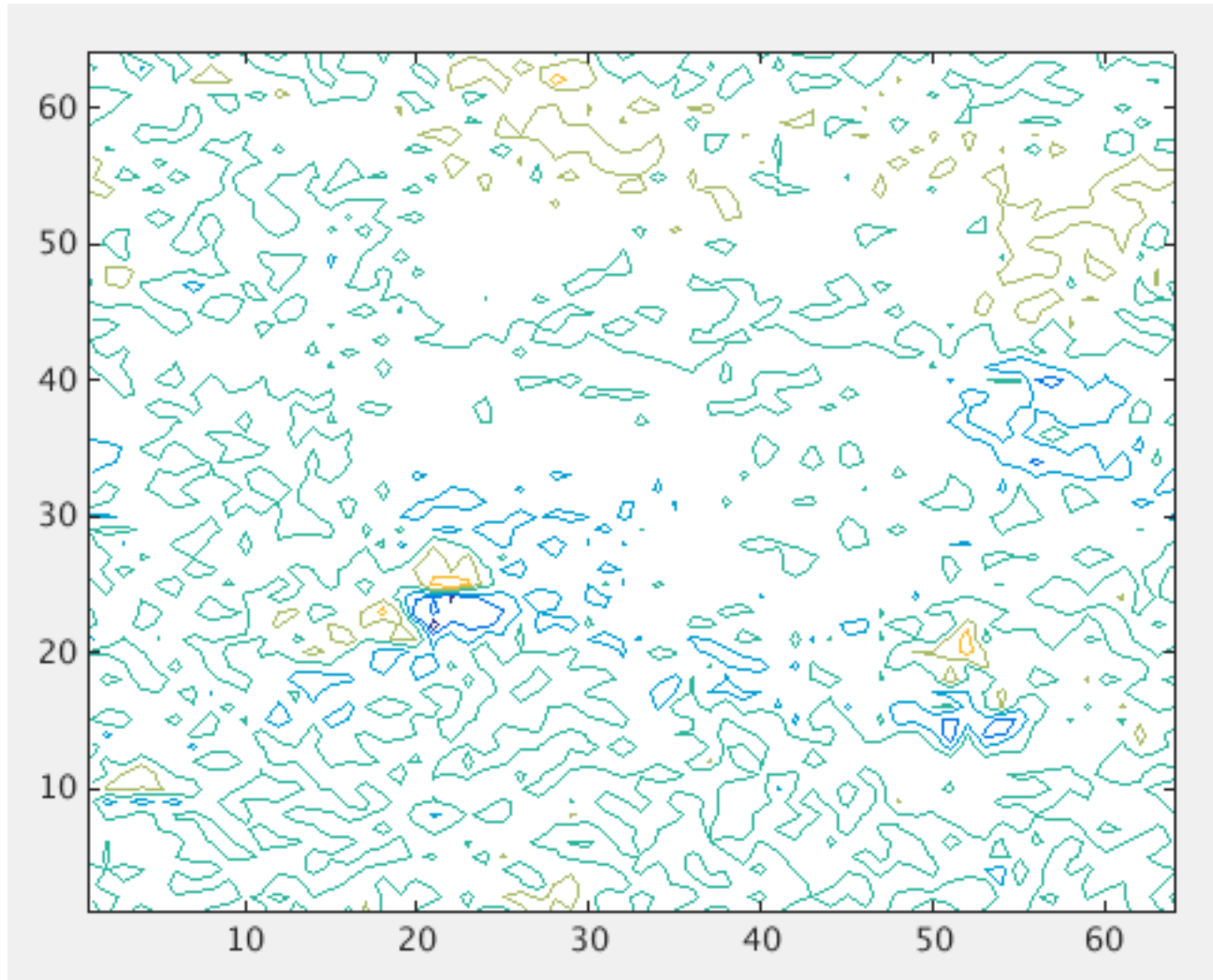
(37)

Run 2



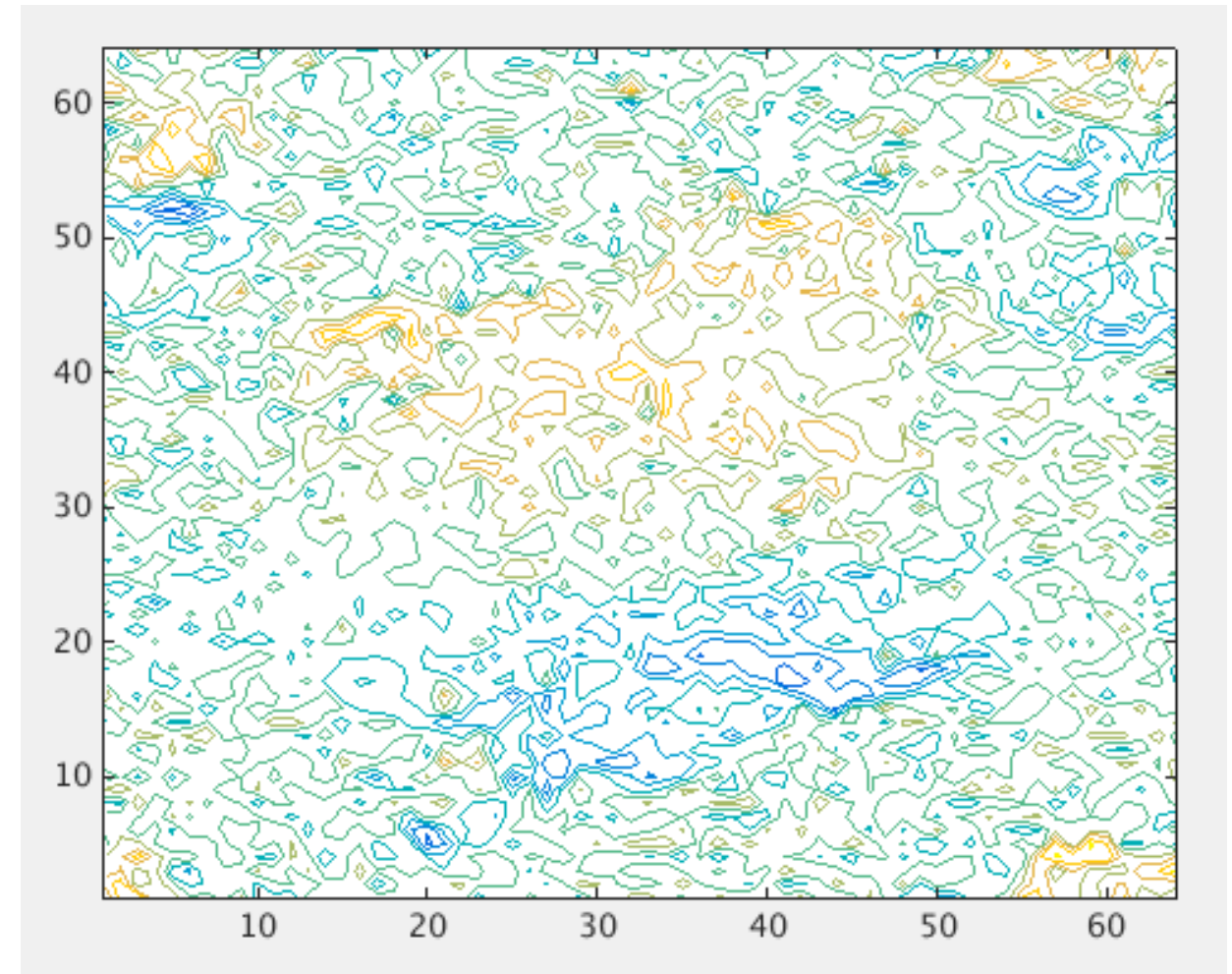
Usfc

Original (3*rank)

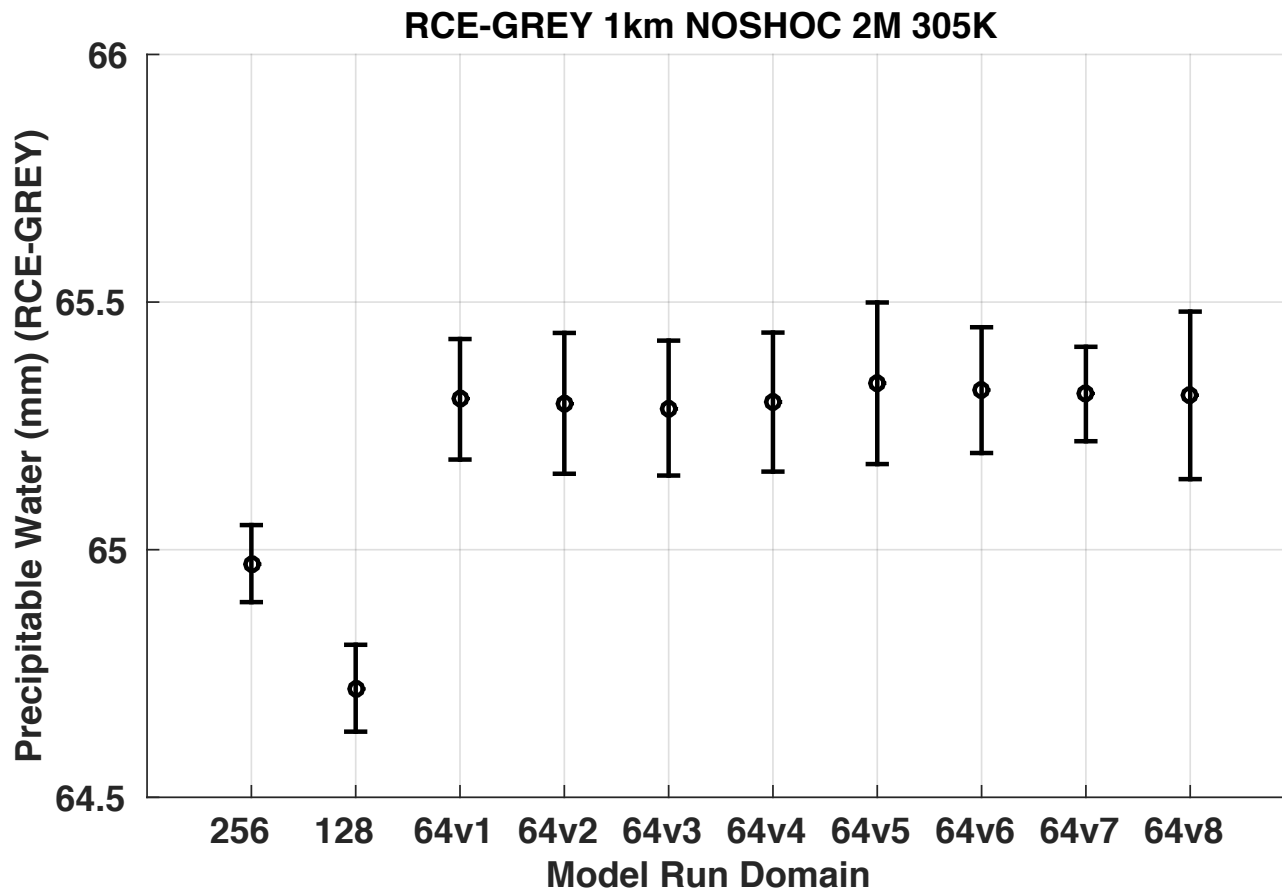


Usfc

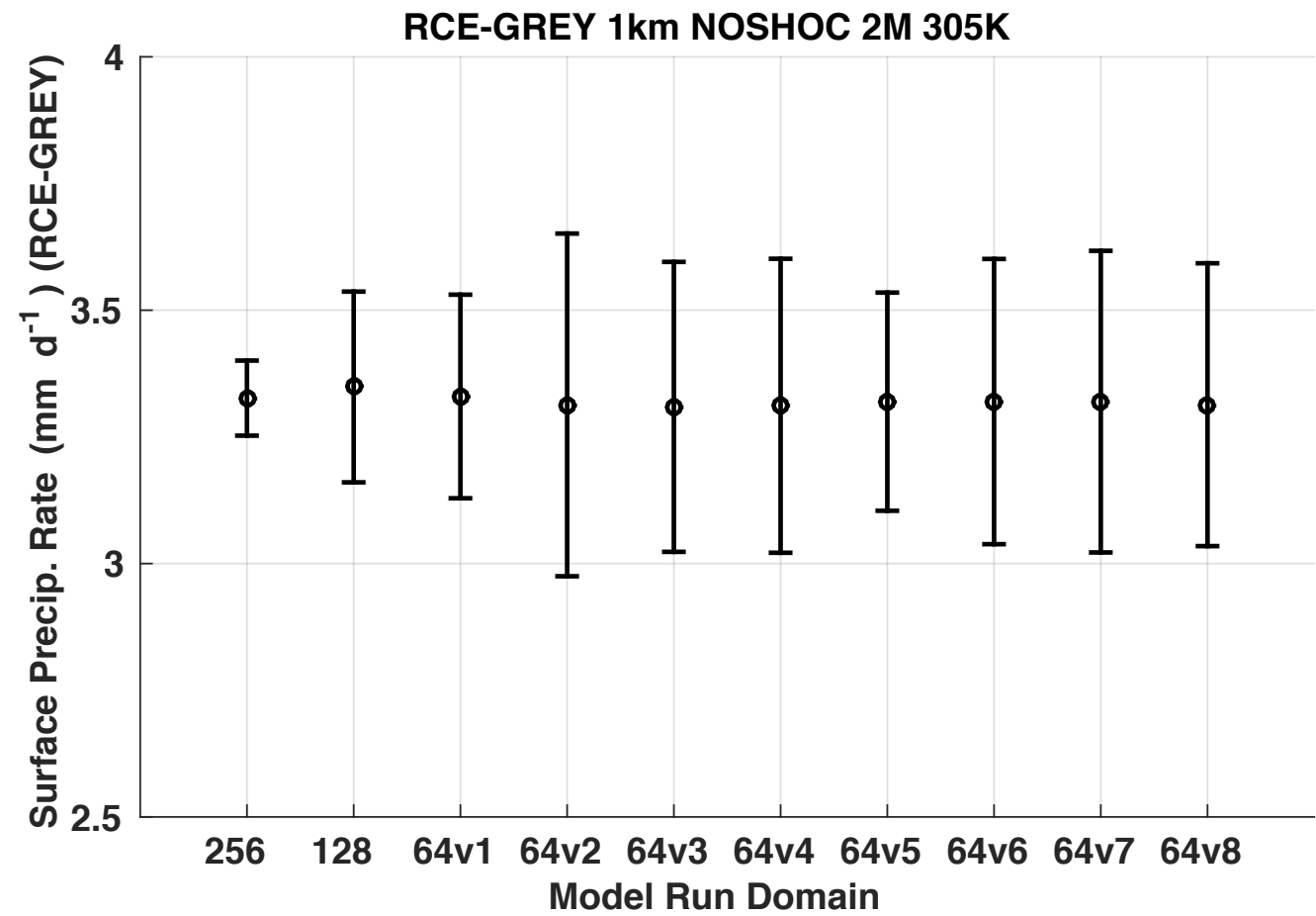
(7*rank + 50) New Run 2



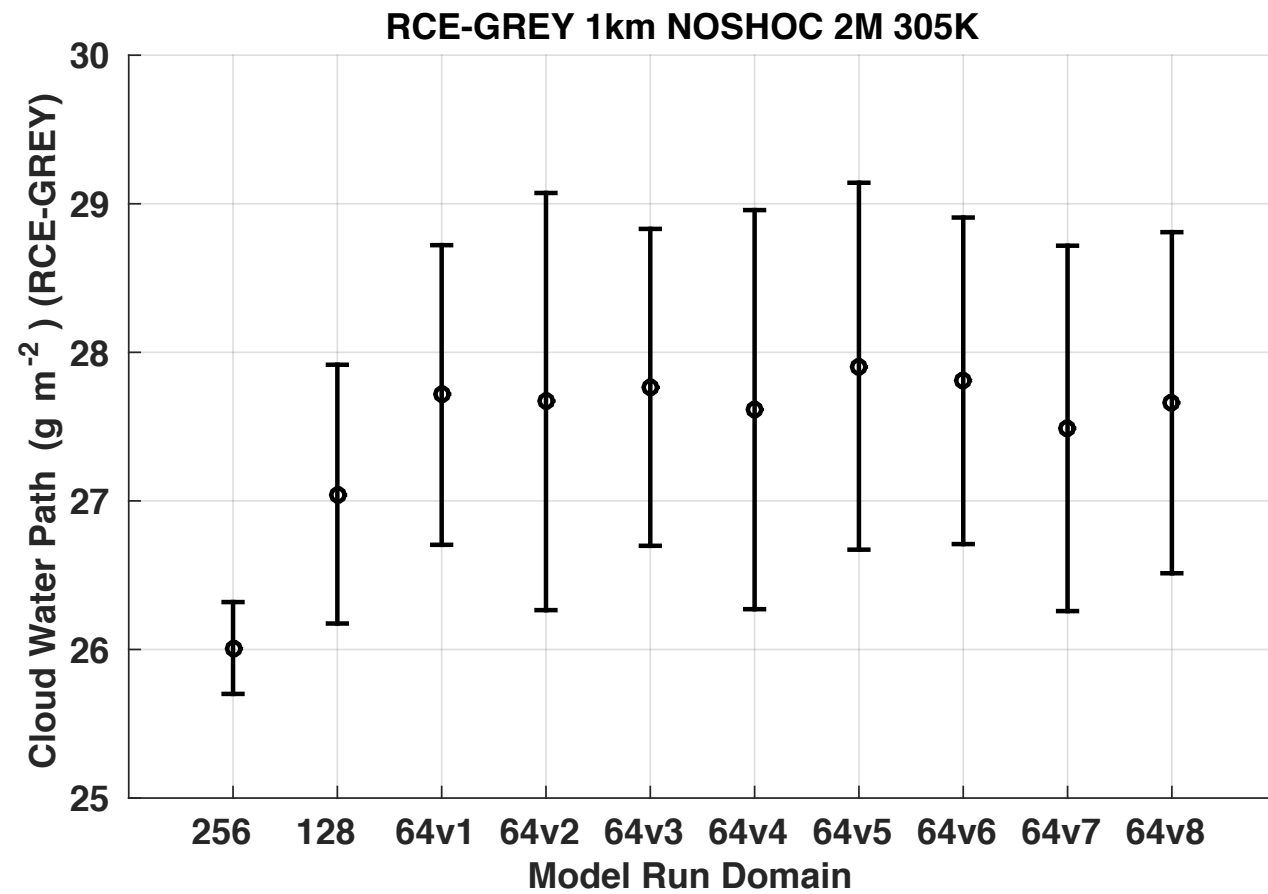
PW



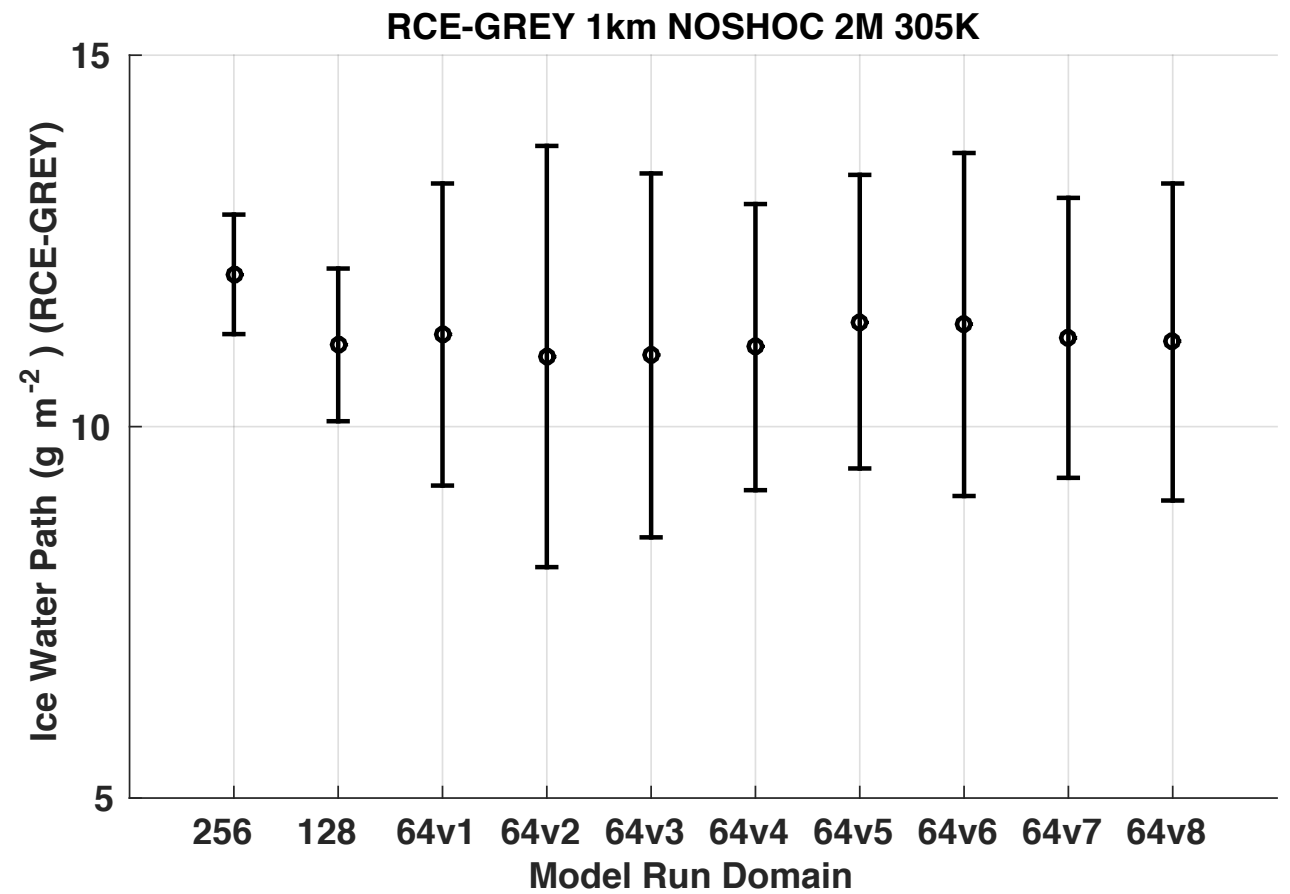
PREC



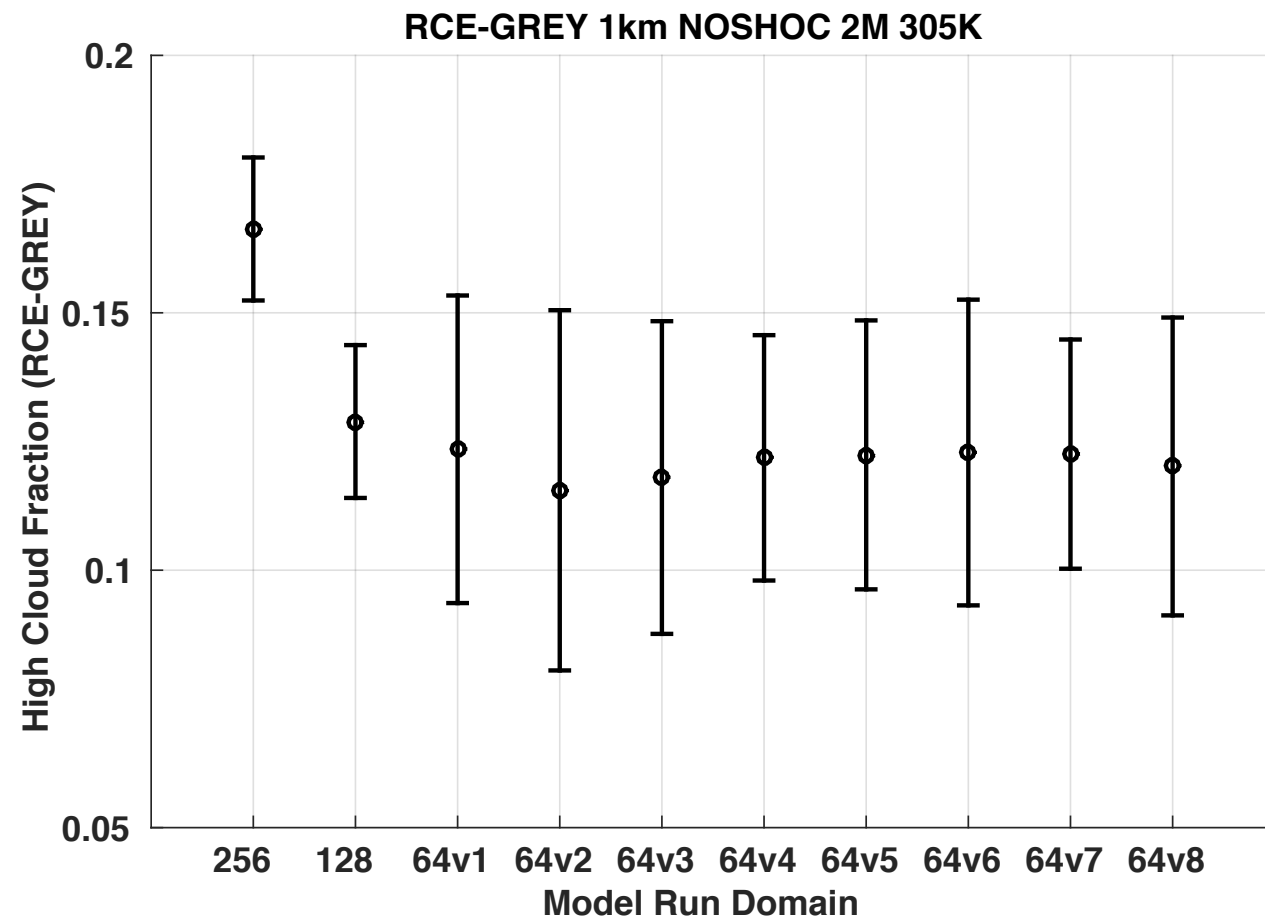
CWP



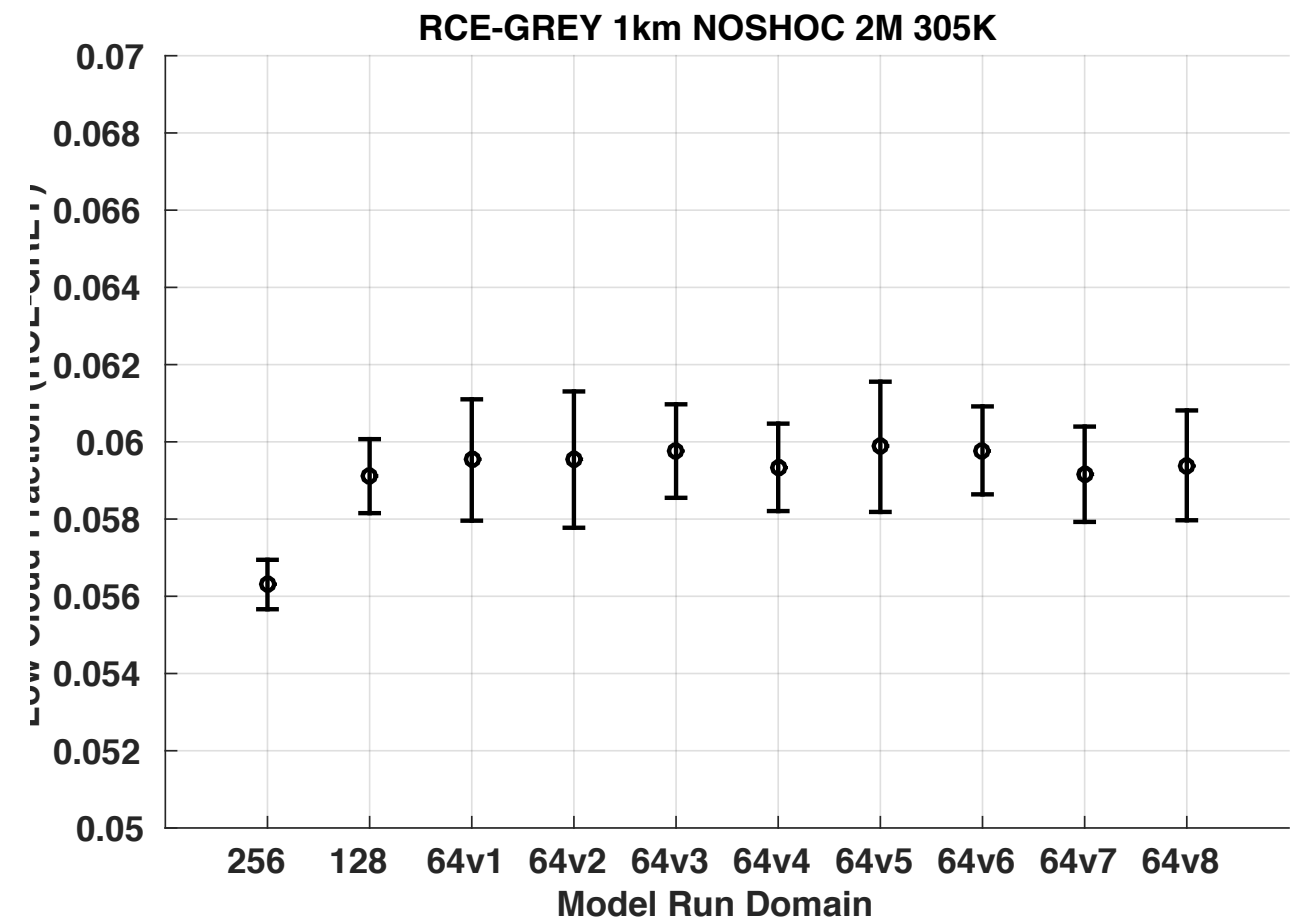
IWP



High Cloud

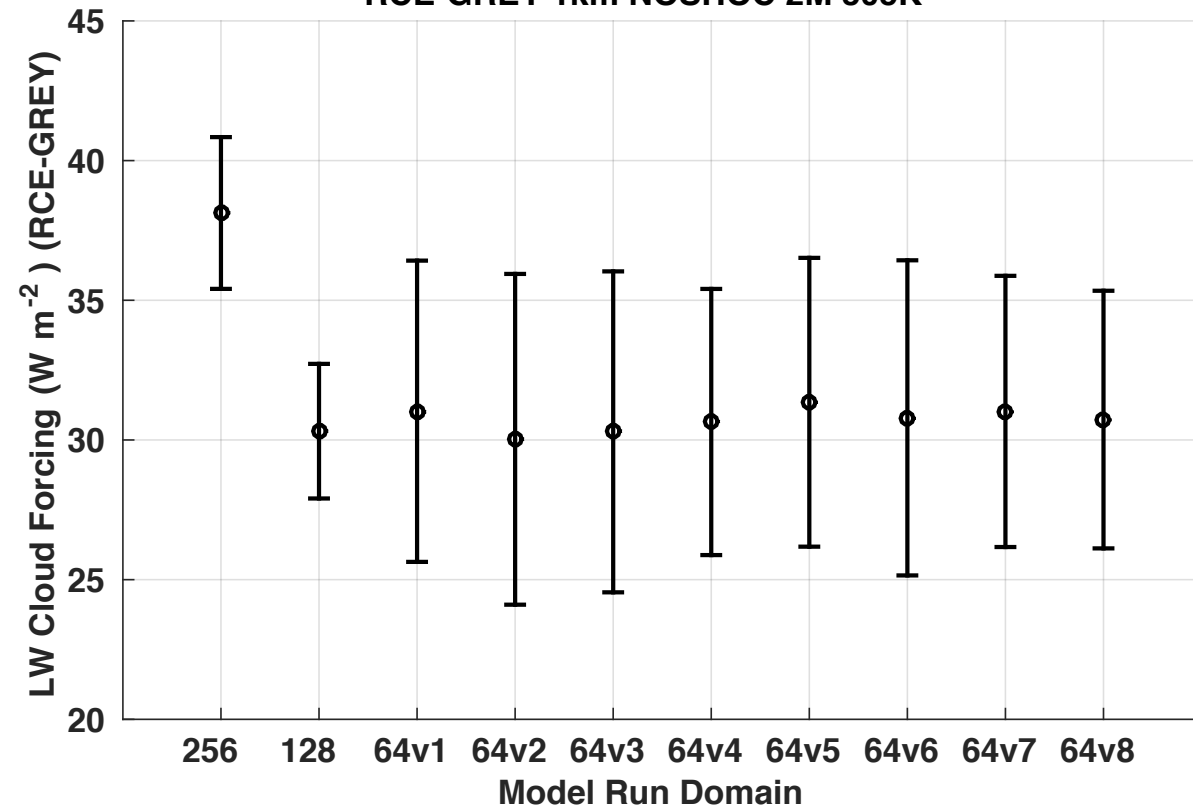


Low Cloud



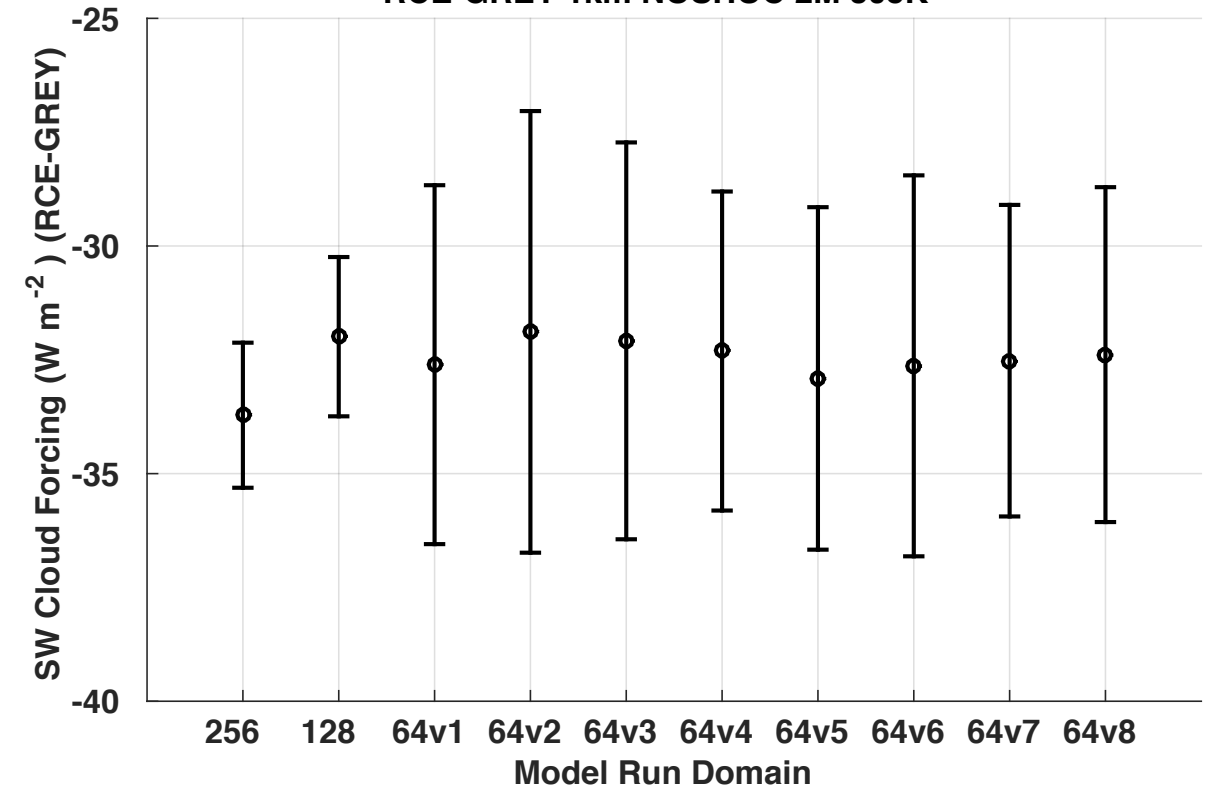
LWCF

RCE-GREY 1km NOSHOC 2M 305K



SWCF

RCE-GREY 1km NOSHOC 2M 305K



NCF

RCE-GREY 1km NOSHOC 2M 305K

