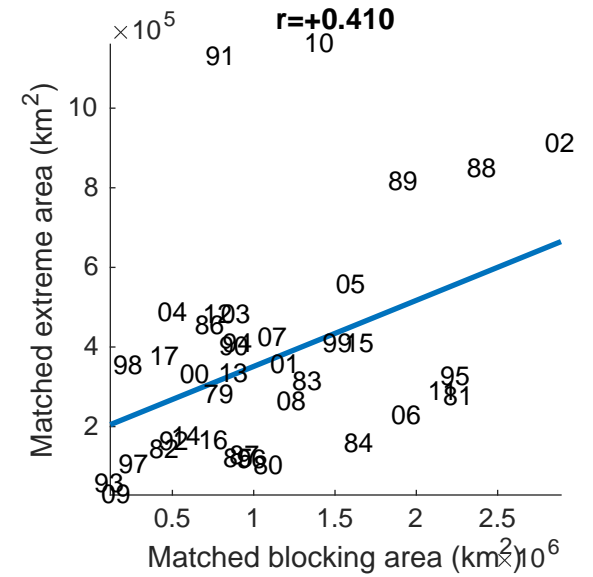
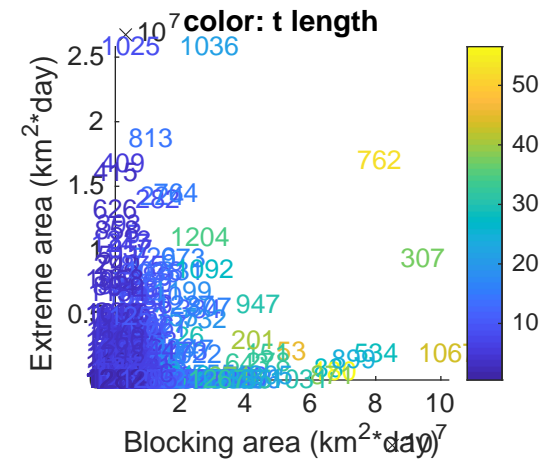
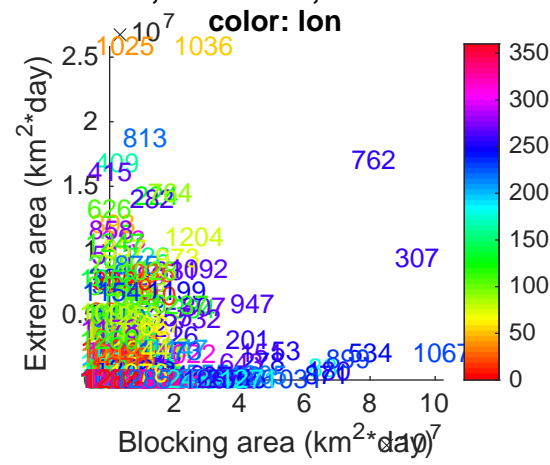
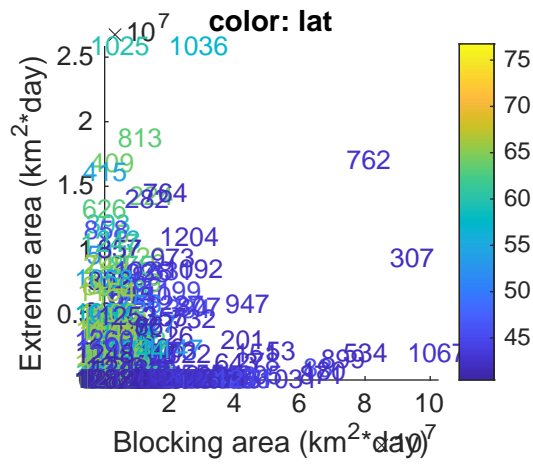
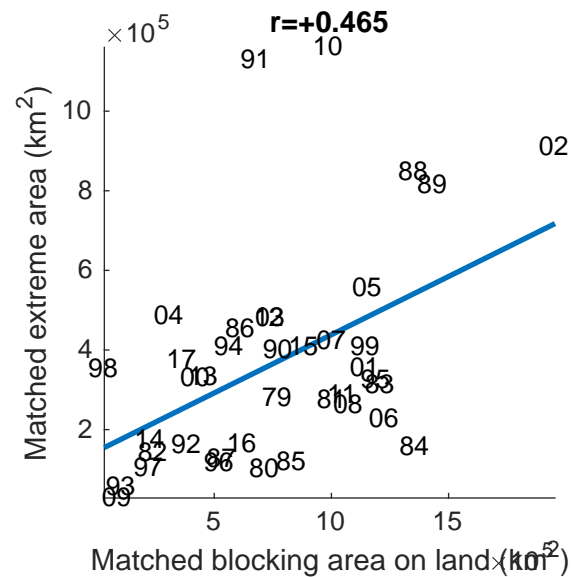
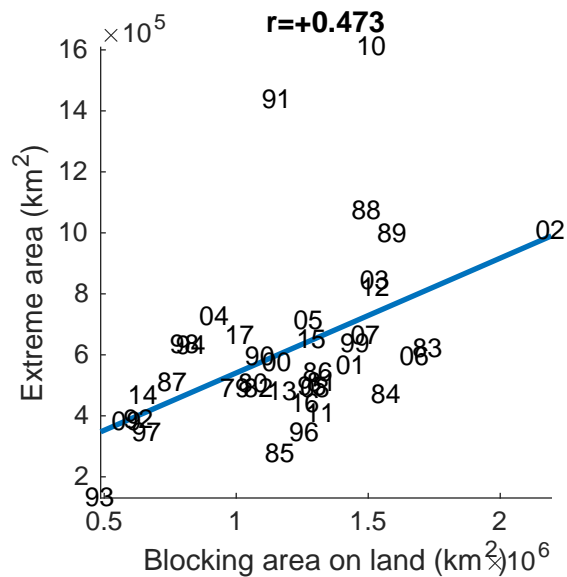
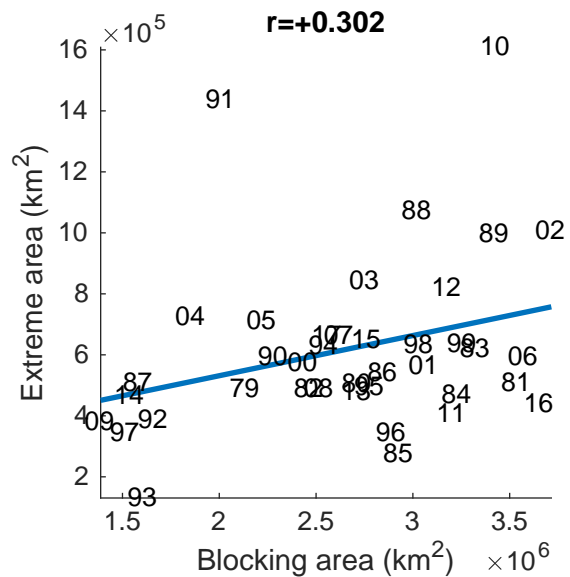
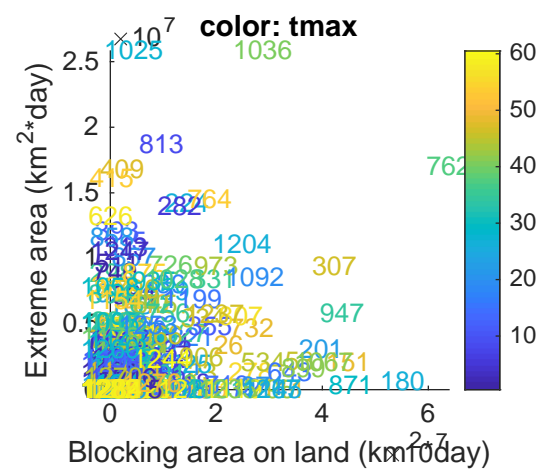
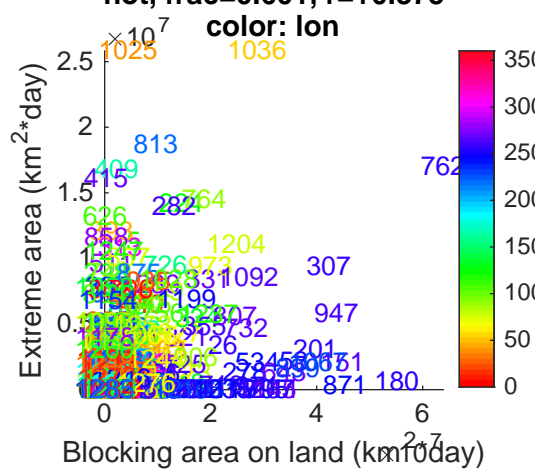
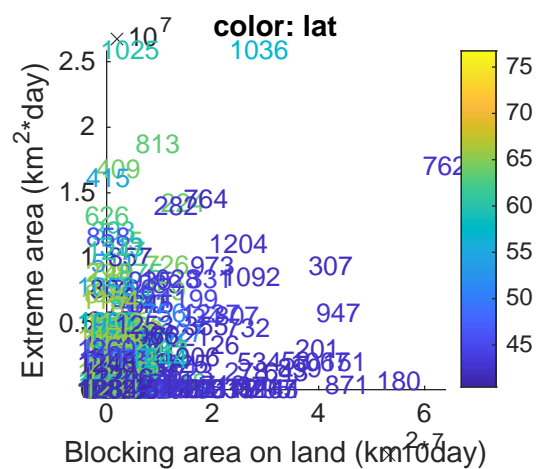


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8
hot, frac=0.601, r=+0.220

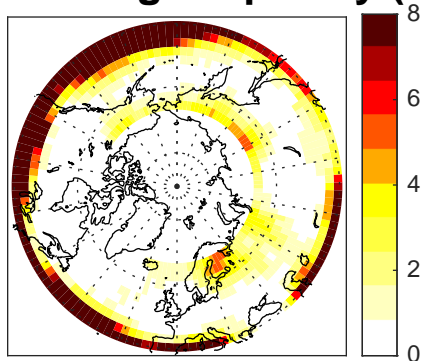


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8
hot, frac=0.601, r=+0.375

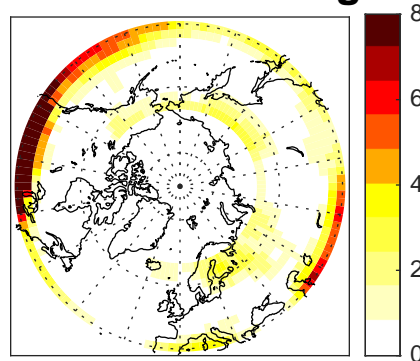


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8

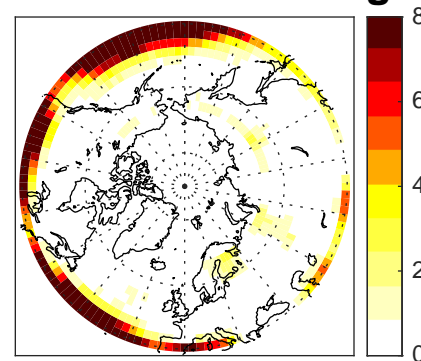
JJA blocking frequency (%)



matched blocking

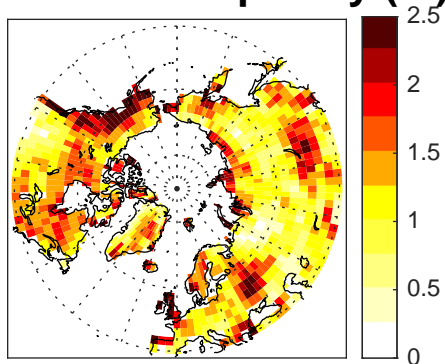


unmatched blocking

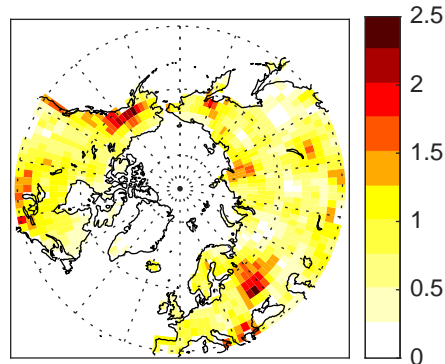


x918: Extreme, 15/15day*11yr, 2.3localstd 0K 50lat

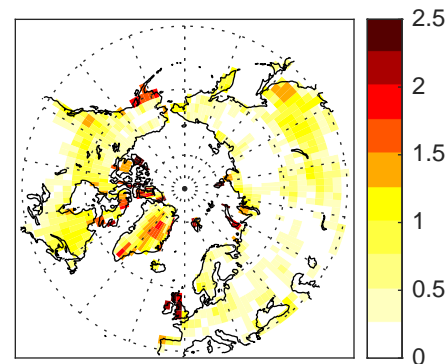
JJA extreme frequency (%)



matched extreme

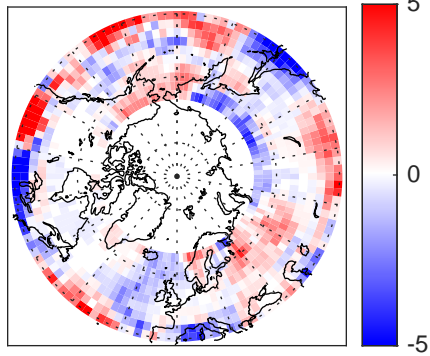


unmatched extreme

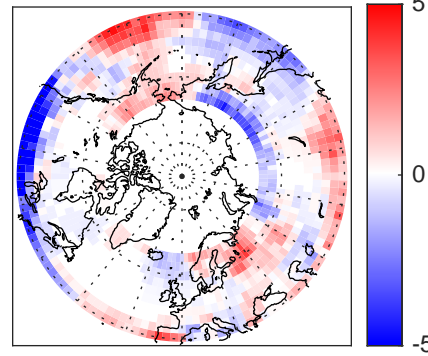


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8

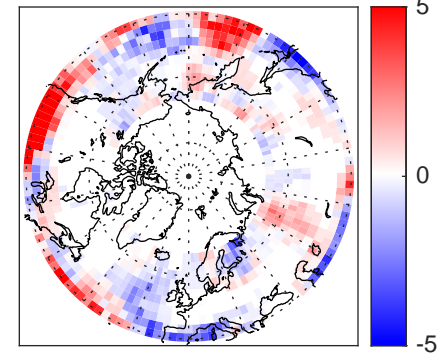
JJA blocking trends (%/30yr)



matched blocking trends

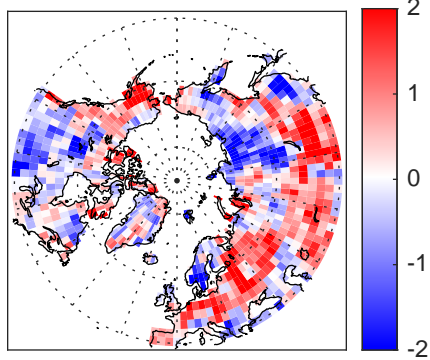


unmatched blocking trends

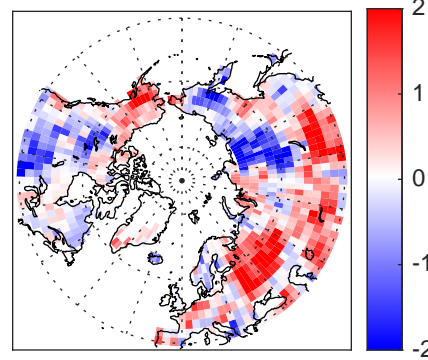


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8

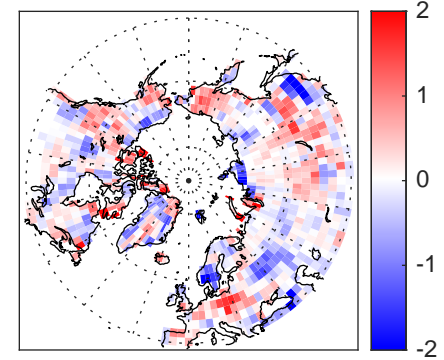
JJA extreme trends (%/30yr)

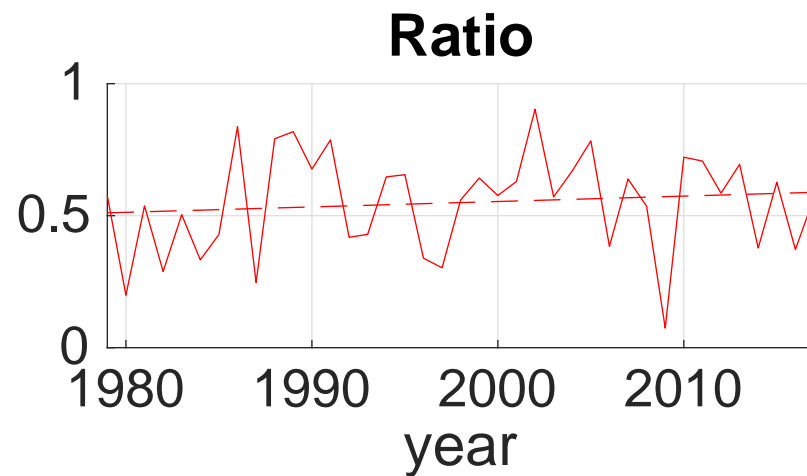
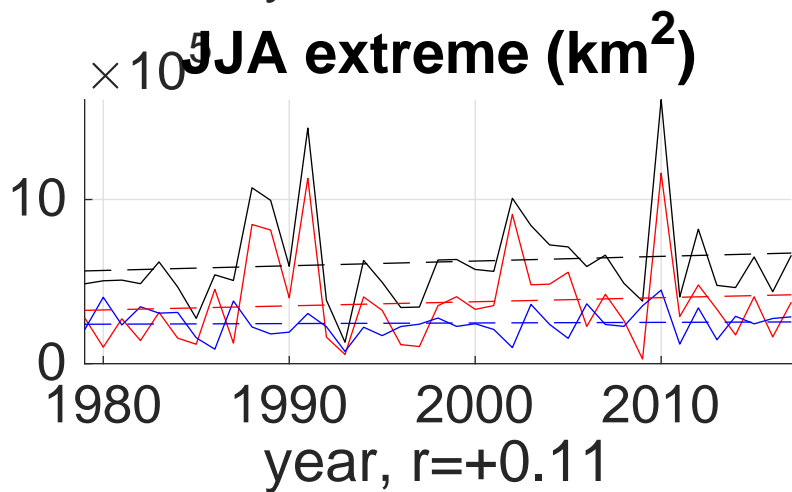
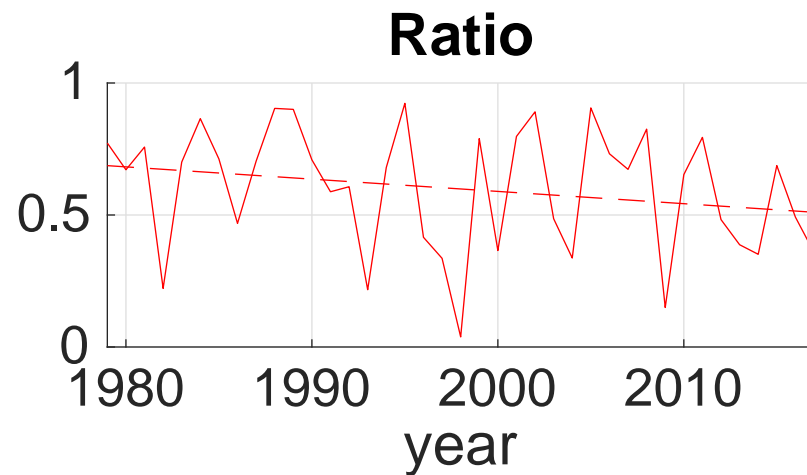
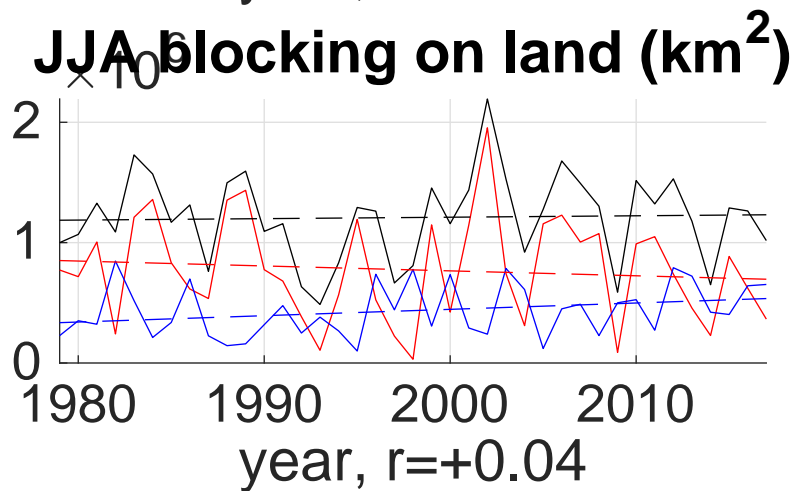
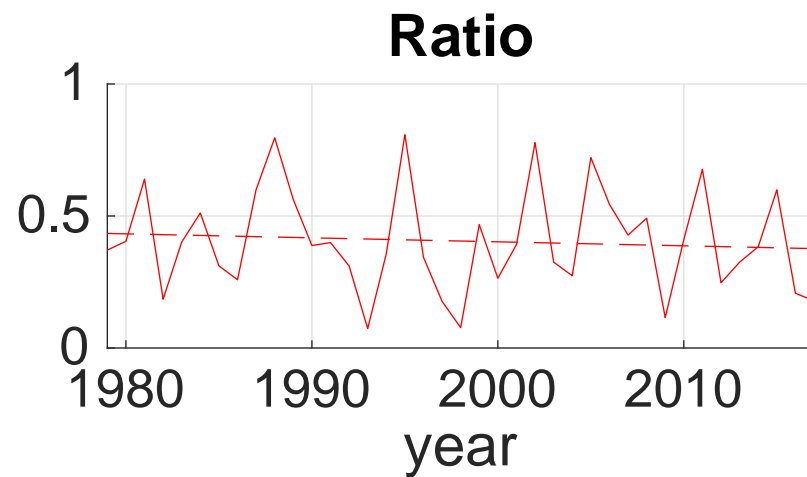
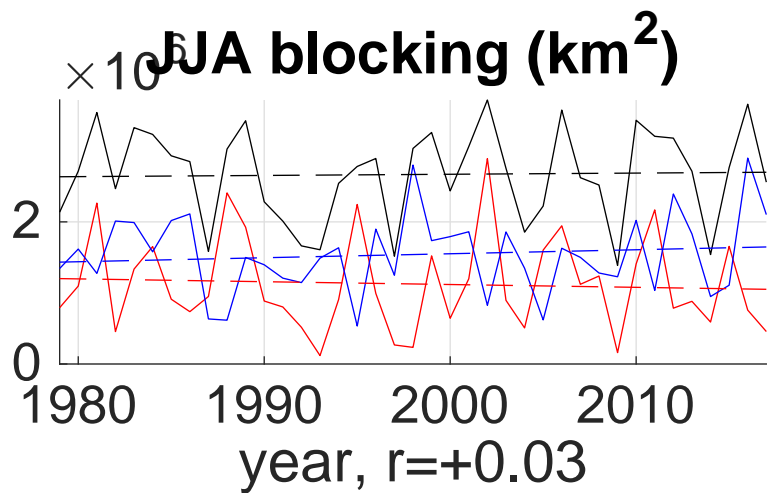


matched extreme trends

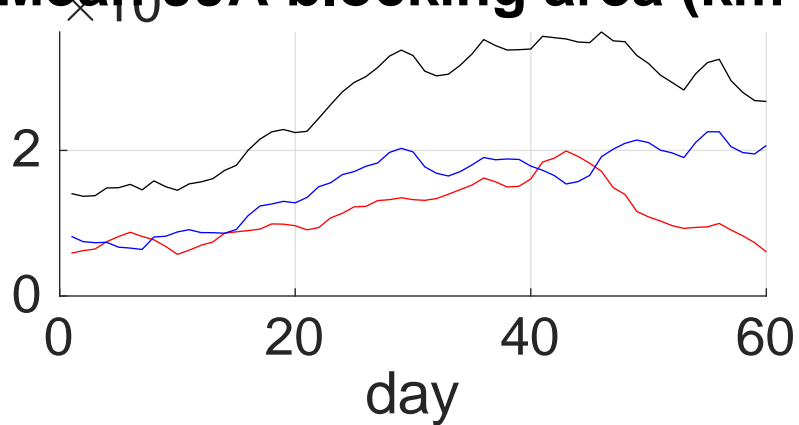


unmatched extreme trends

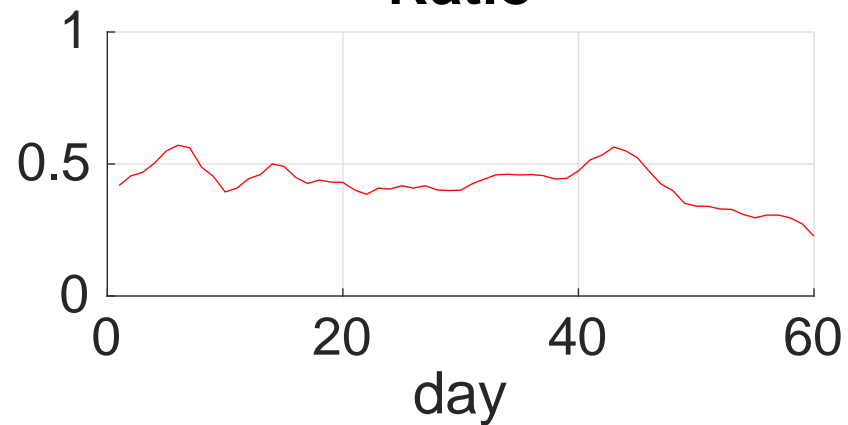




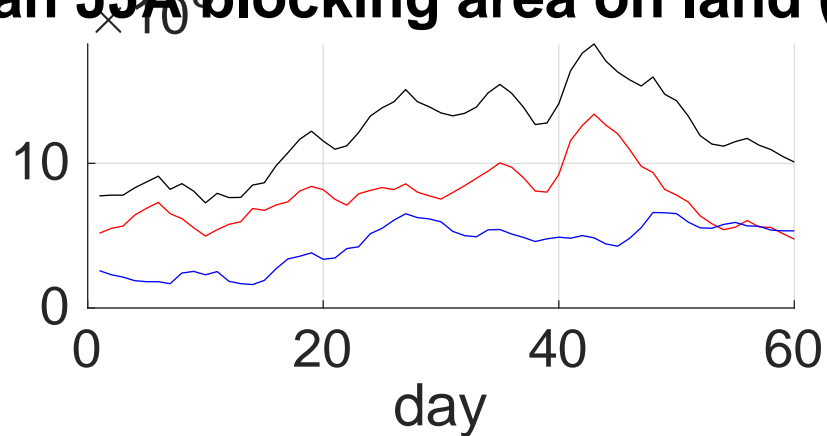
Mean JJA blocking area (km²)



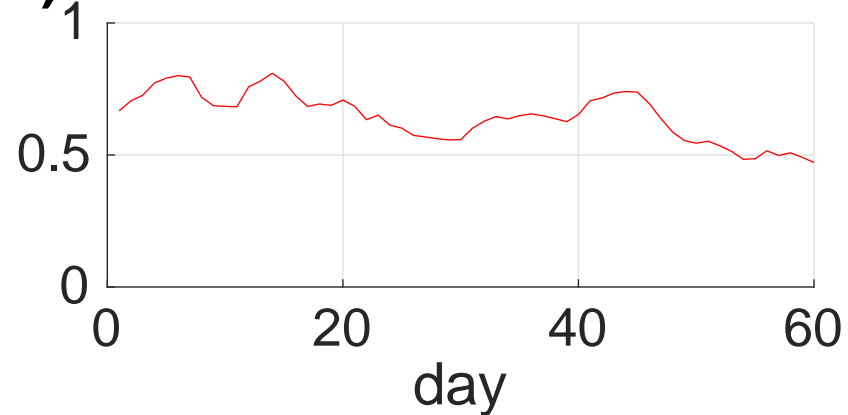
Ratio



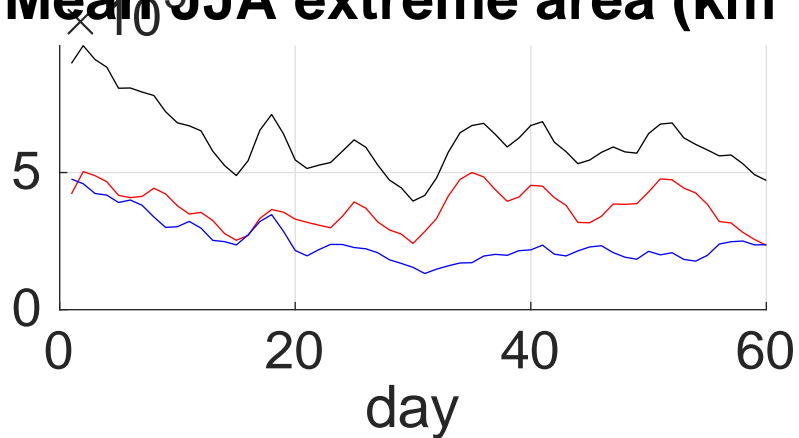
Mean JJA blocking area on land (km²)



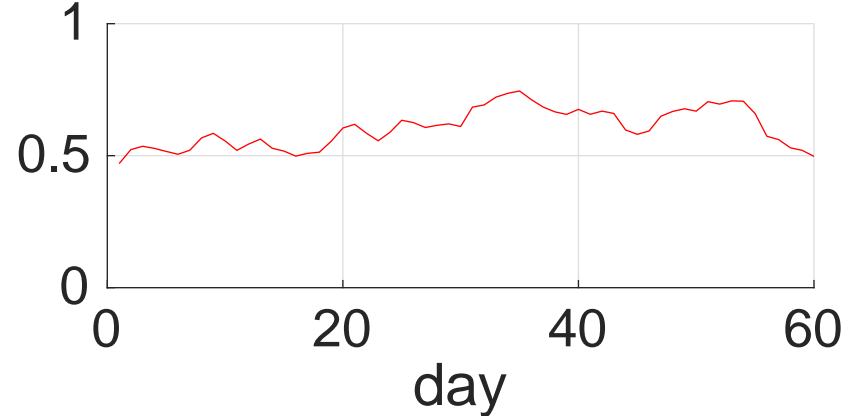
Ratio



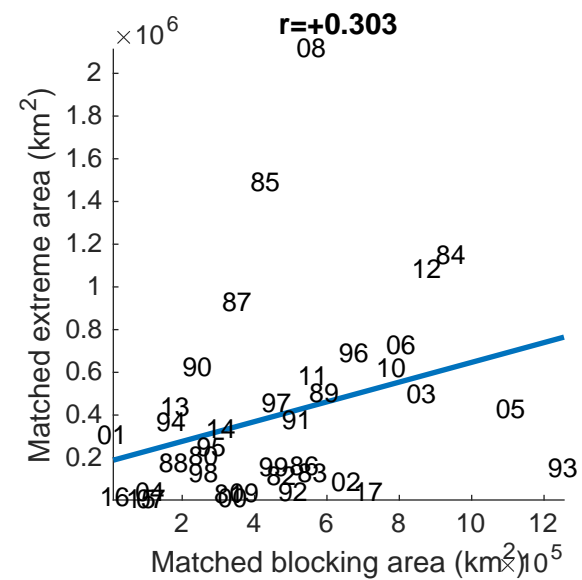
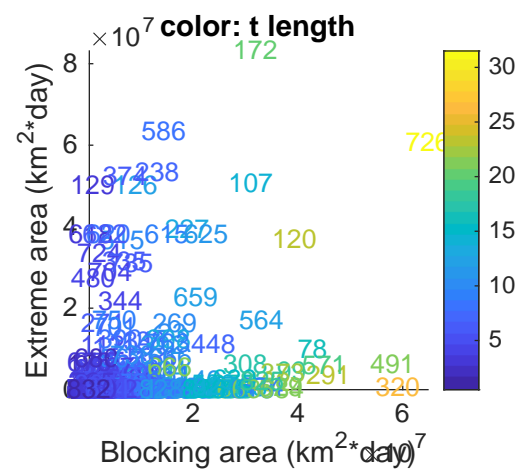
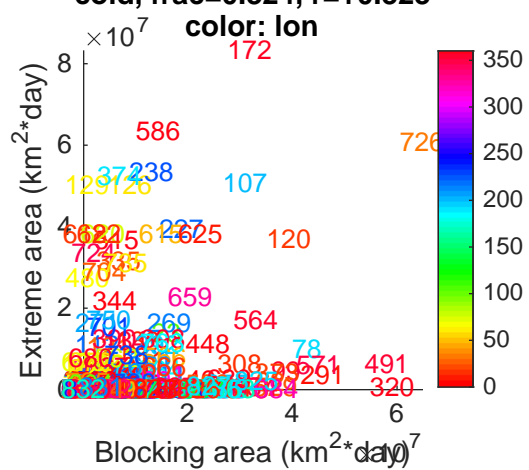
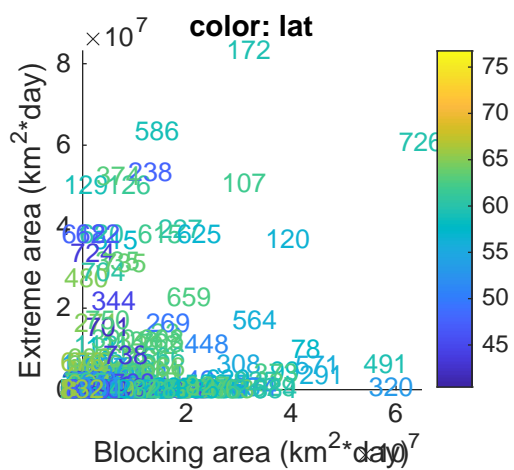
Mean JJA extreme area (km²)



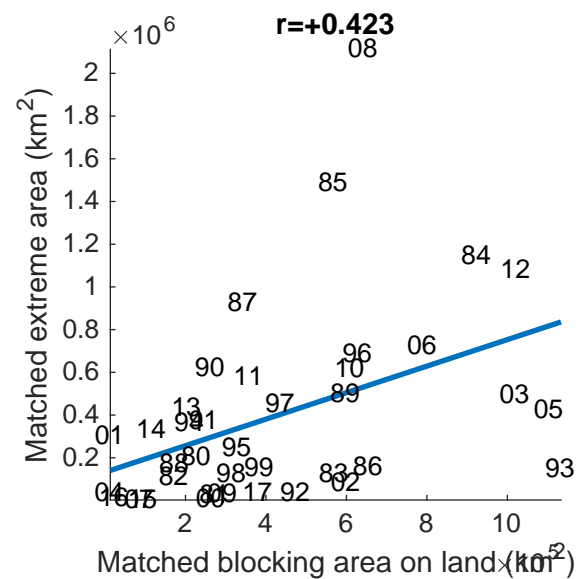
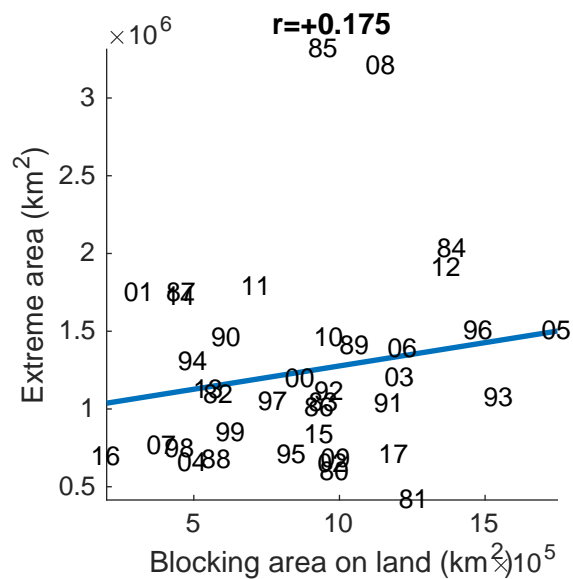
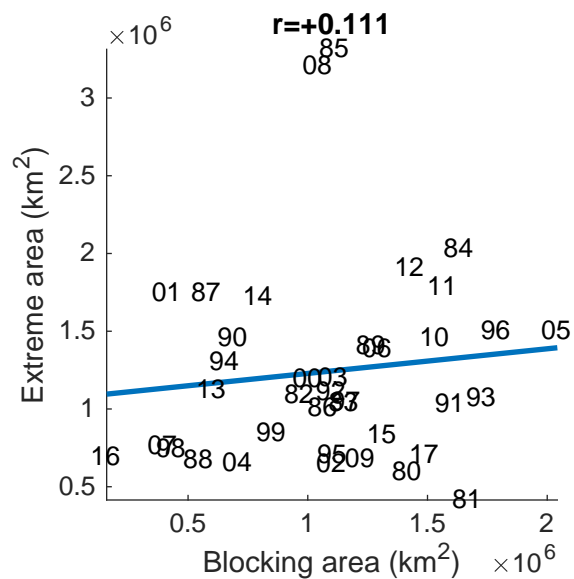
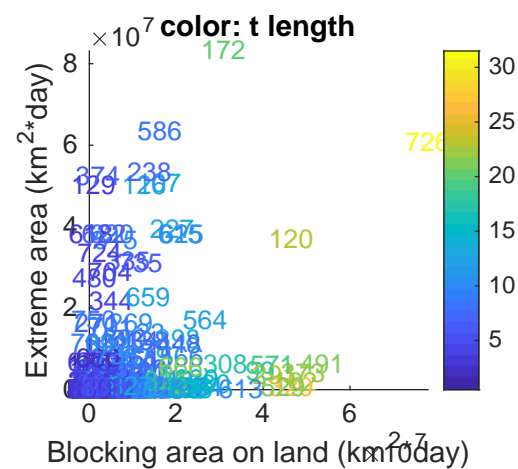
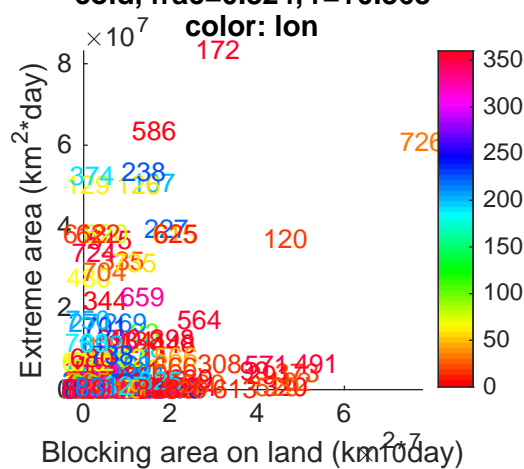
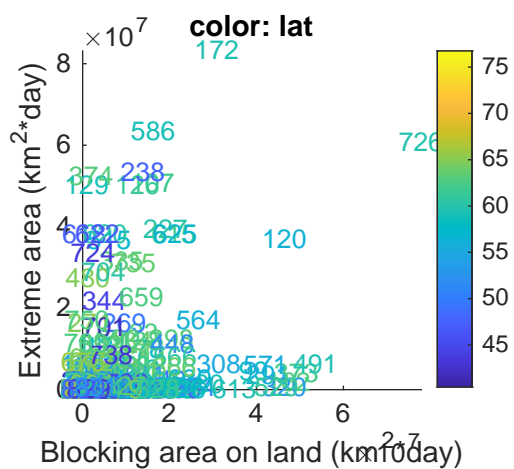
Ratio



4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8
cold, frac=0.324, r=+0.323

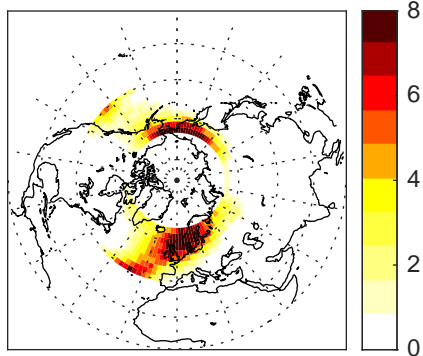


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8
cold, frac=0.324, r=+0.368

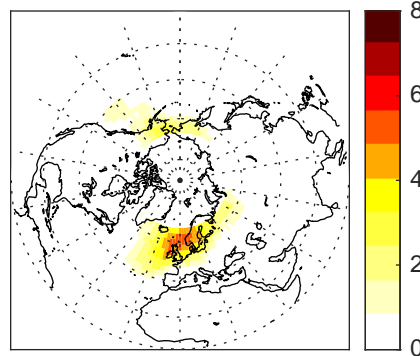


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8

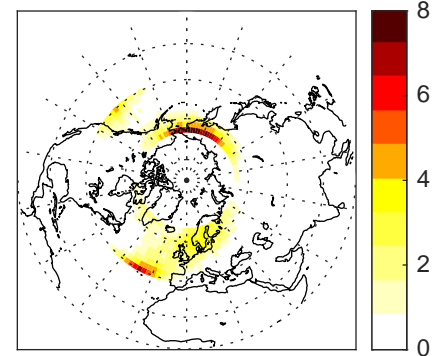
DJF blocking frequency (%)



matched blocking

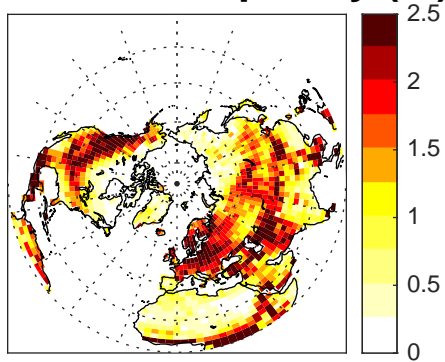


unmatched blocking

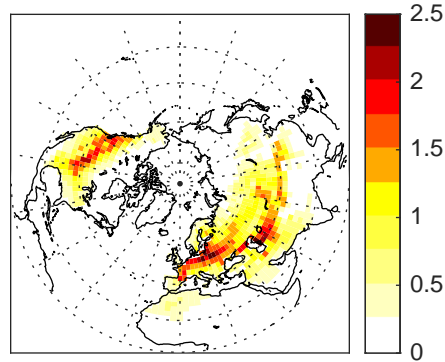


x918: Extreme, 15/15day*11yr, 2.3localstd 0K 50lat

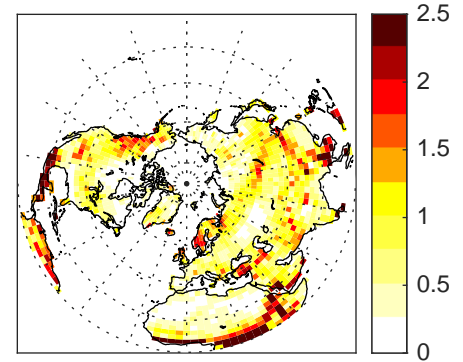
DJF extreme frequency (%)



matched extreme

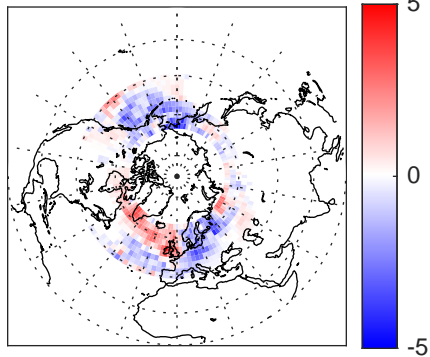


unmatched extreme

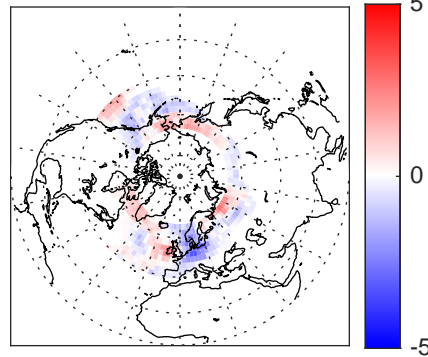


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8

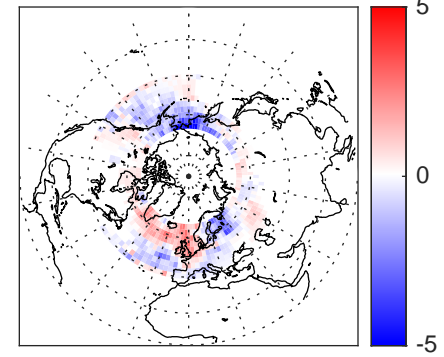
DJF blocking trends (%/30yr)



matched blocking trends

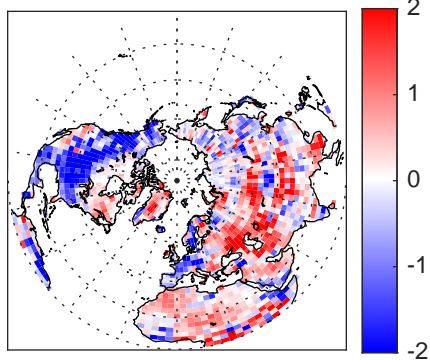


unmatched blocking trends

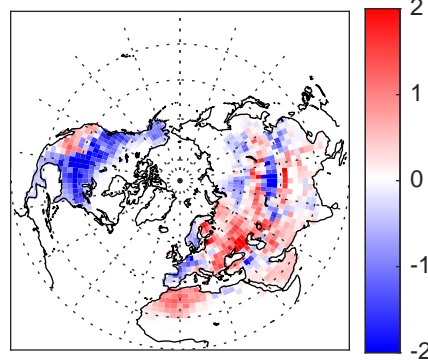


4a29: S06, 40N-, D=3,GHGNT=-10,GHGST=0,dphi=8

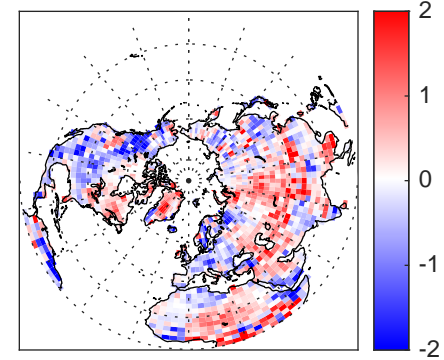
DJF extreme trends (%/30yr)

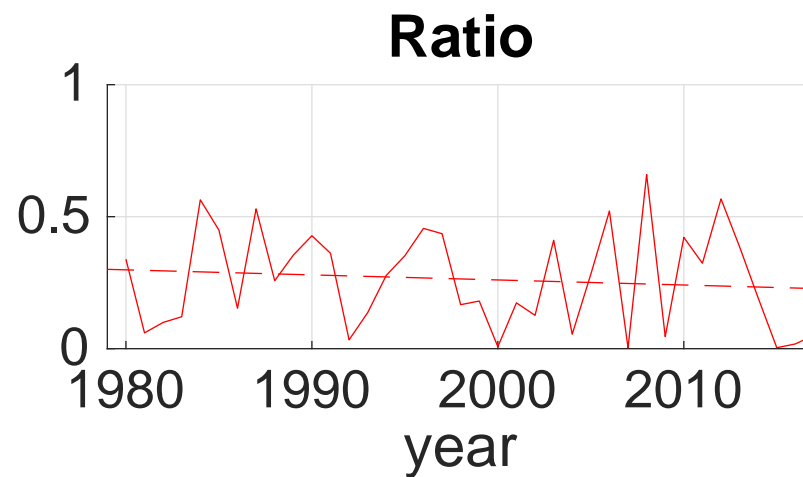
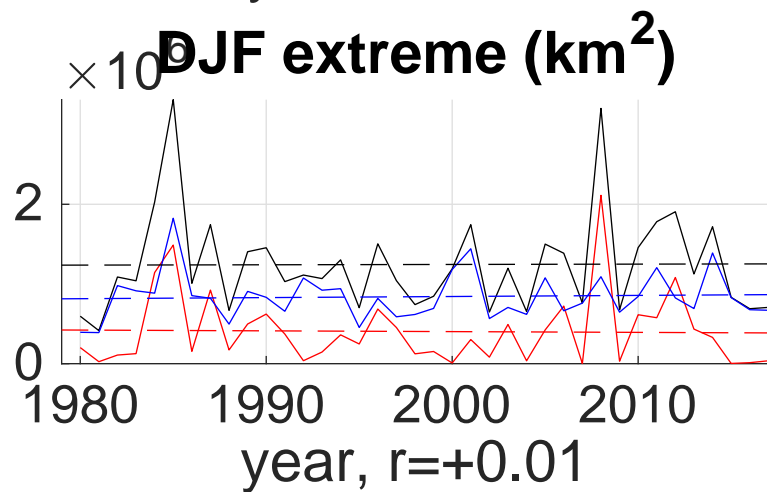
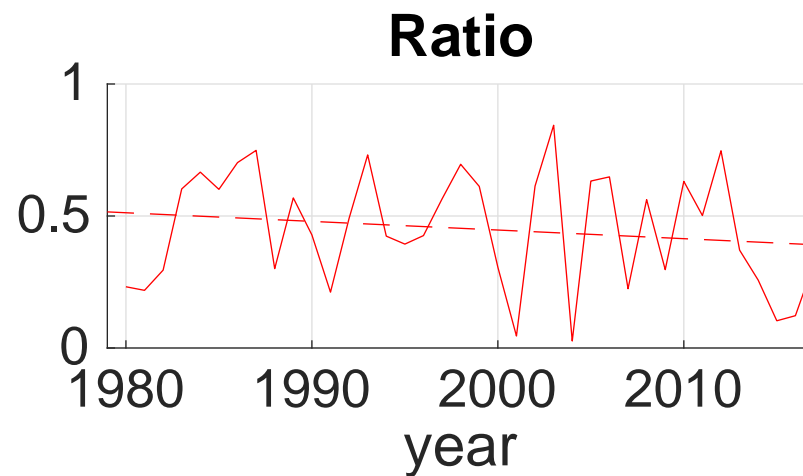
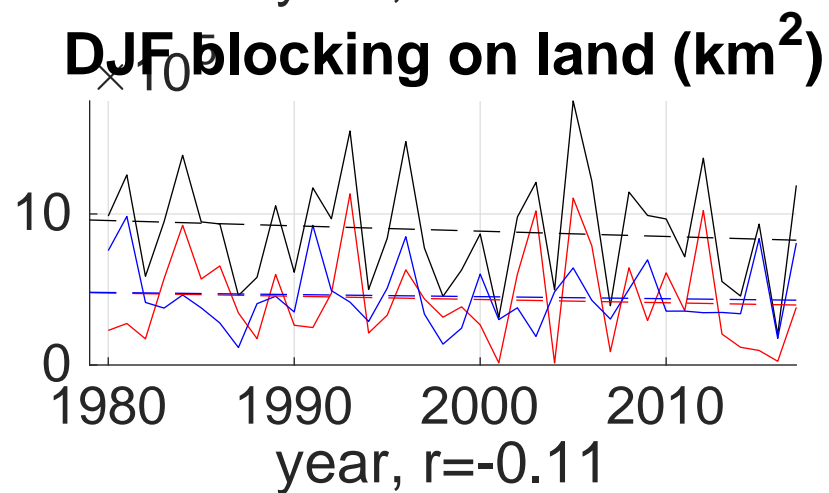
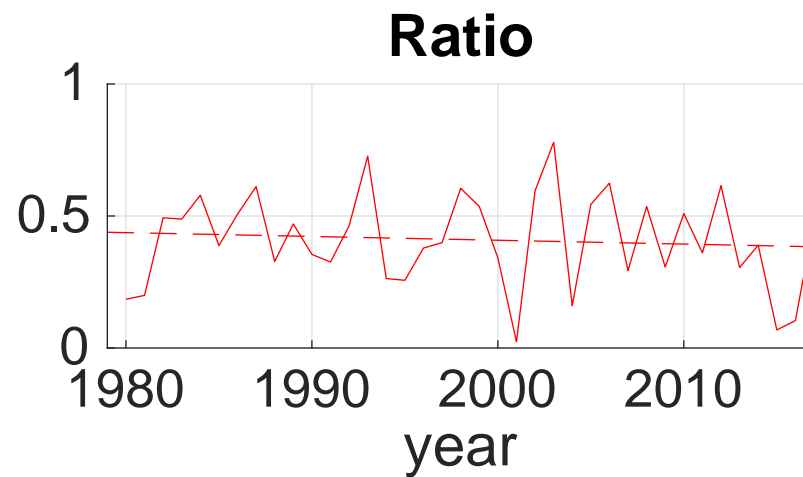
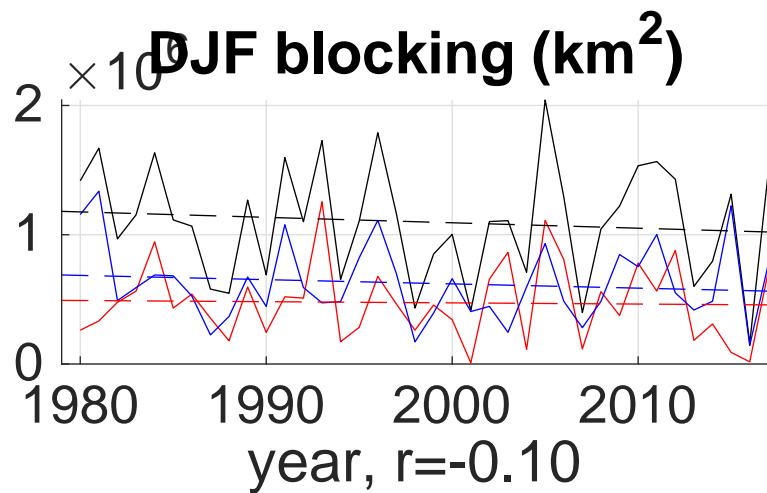


matched extreme trends

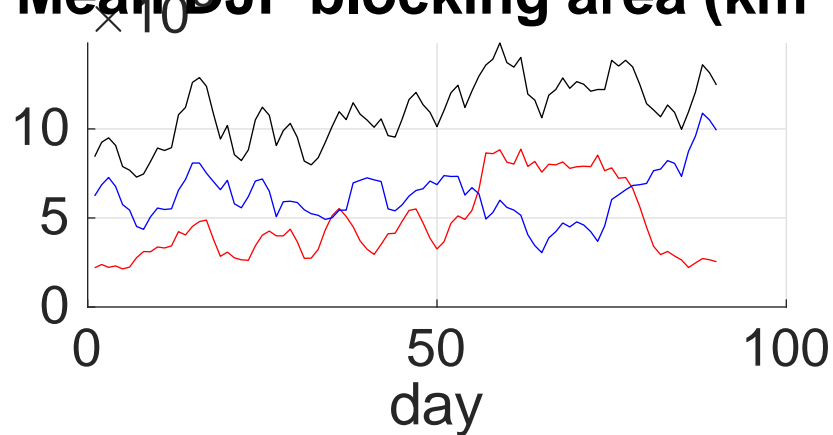


unmatched extreme trends

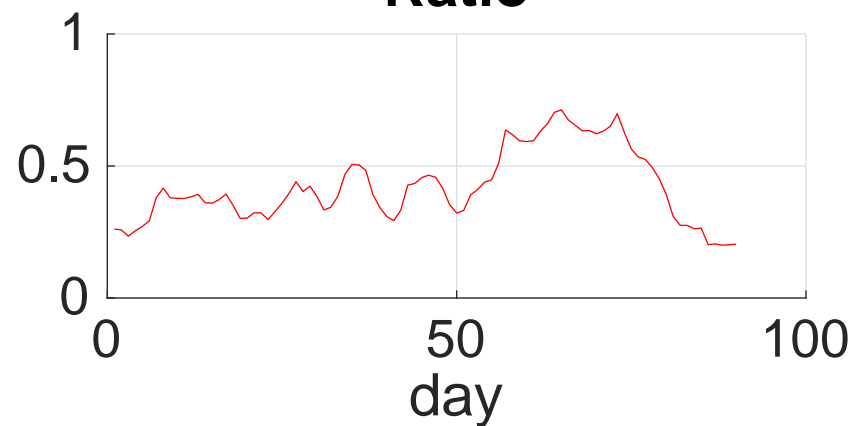




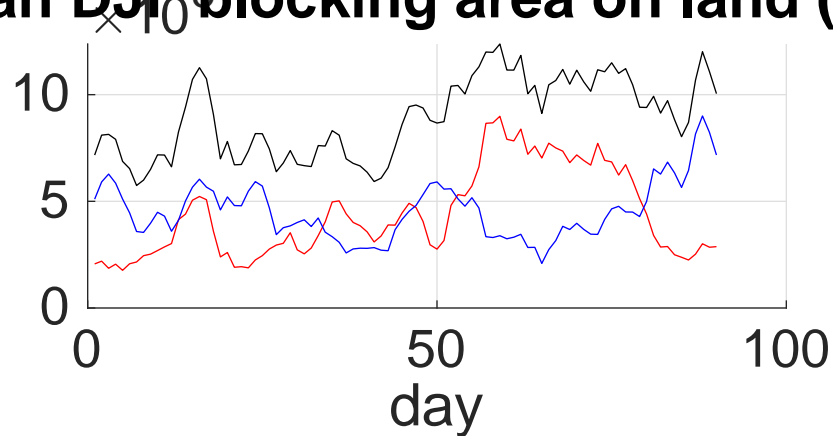
Mean DJF blocking area (km²)



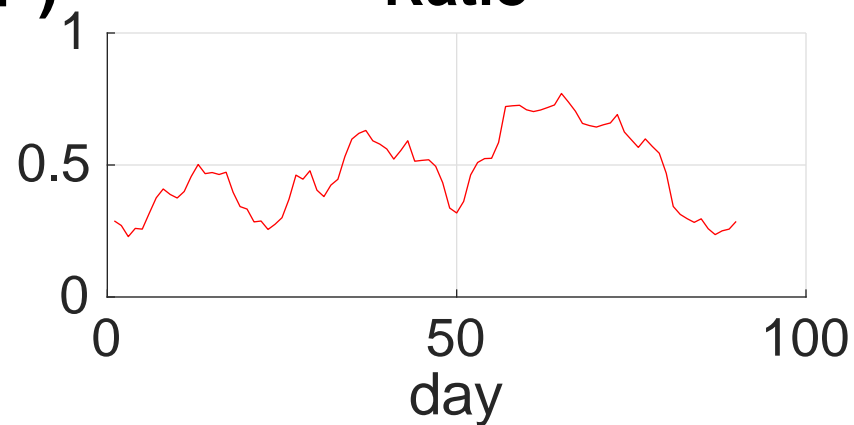
Ratio



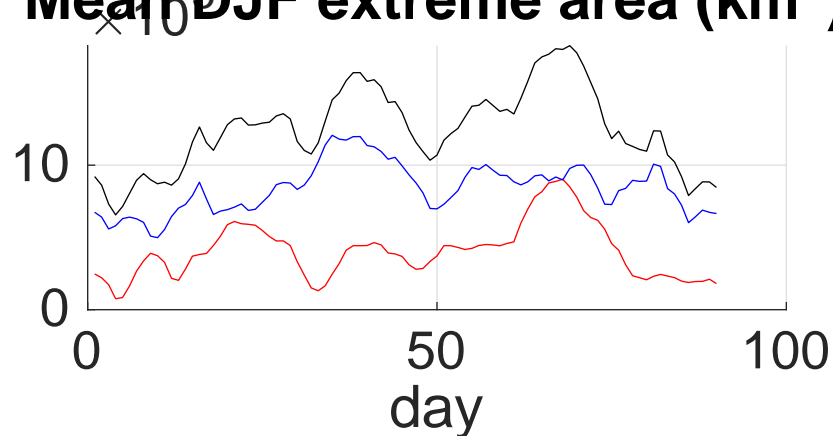
Mean DJF blocking area on land (km²)



Ratio



Mean DJF extreme area (km²)



Ratio

