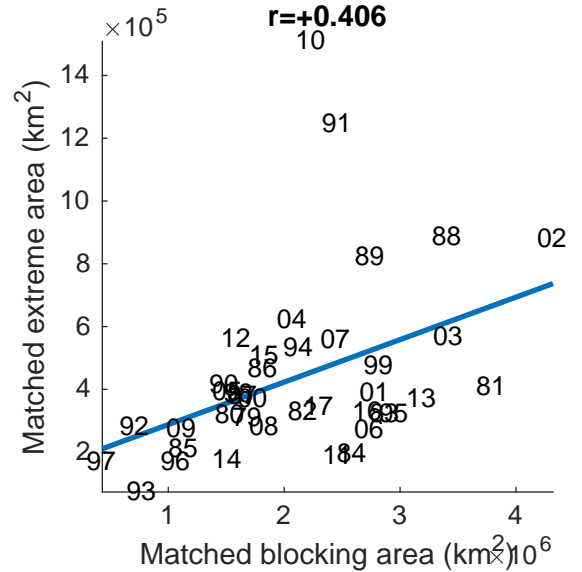
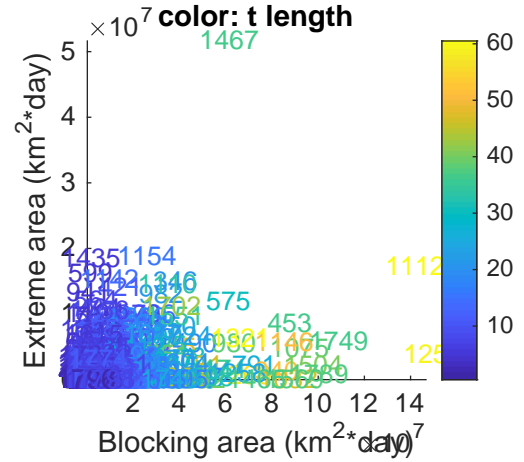
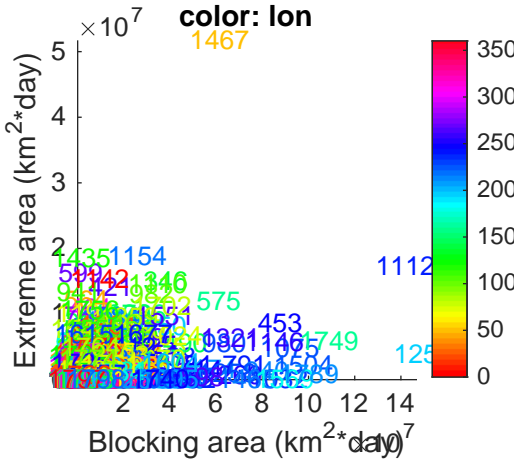
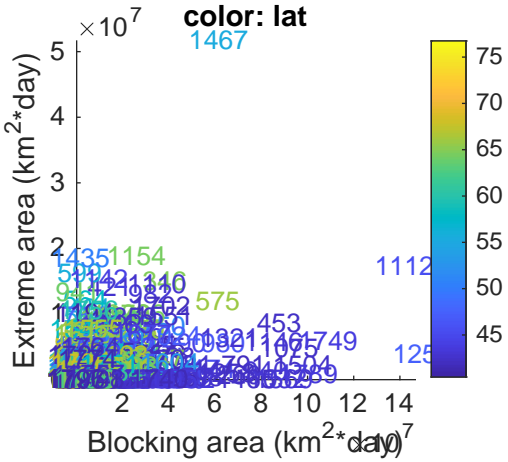
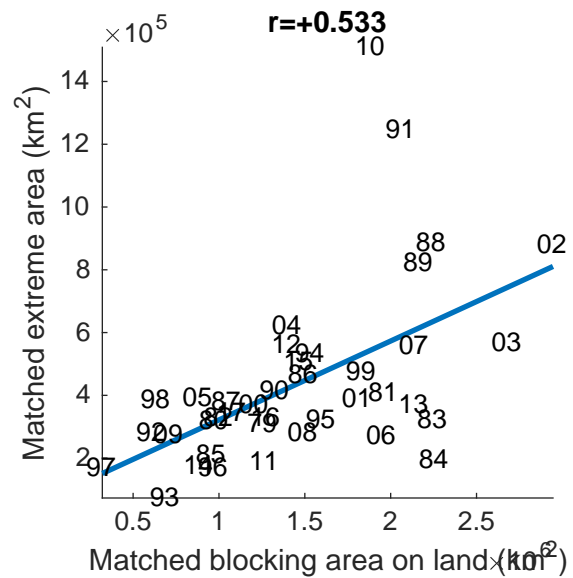
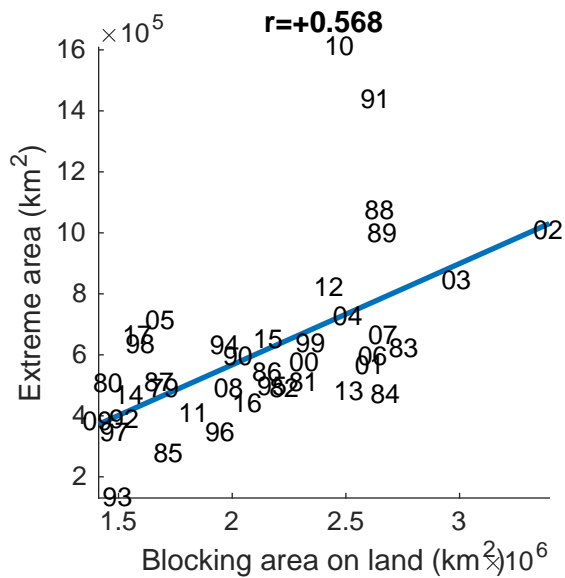
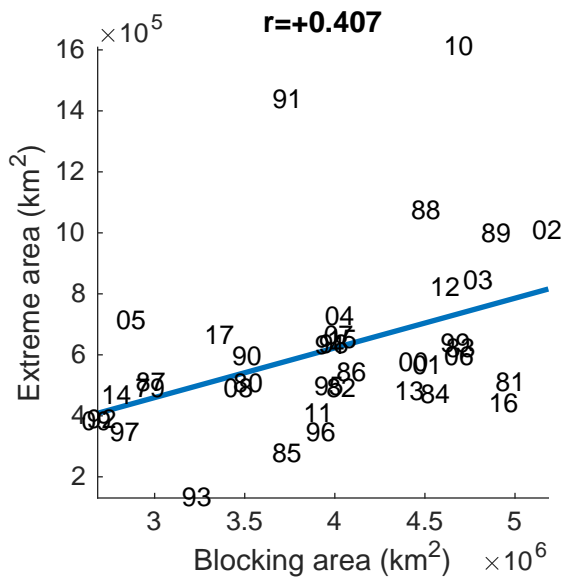
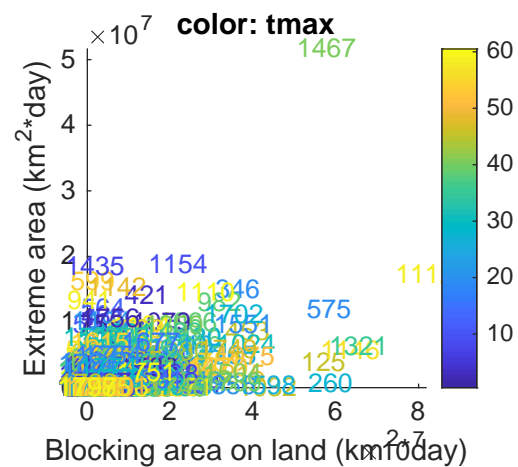
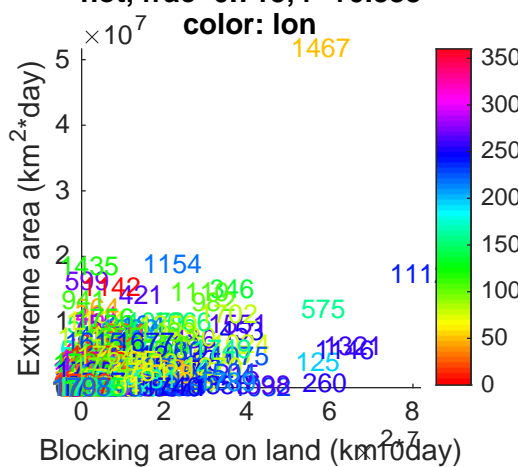
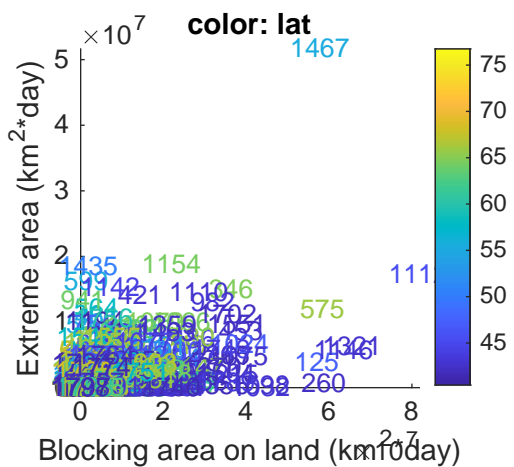


**4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7
hot, frac=0.715, r=+0.381**

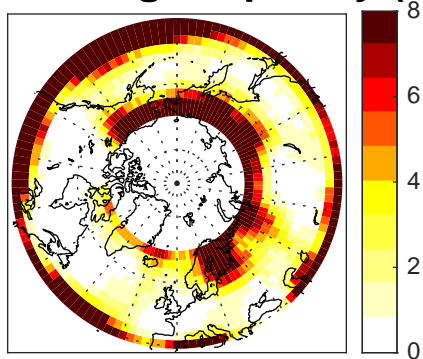


**4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7
hot, frac=0.715, r=+0.533**

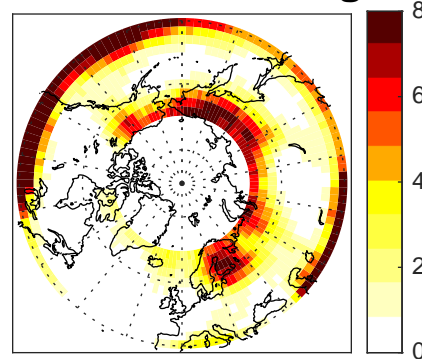


4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7

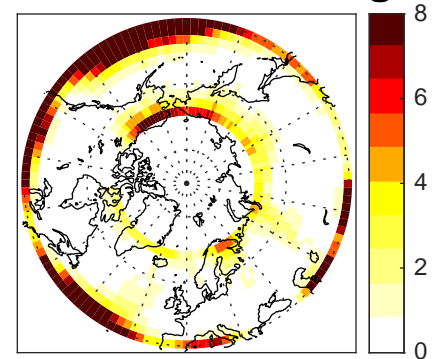
JJA blocking frequency (%)



matched blocking

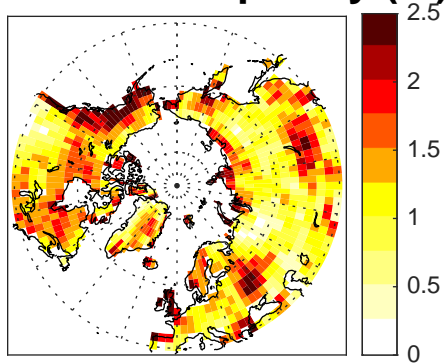


unmatched blocking

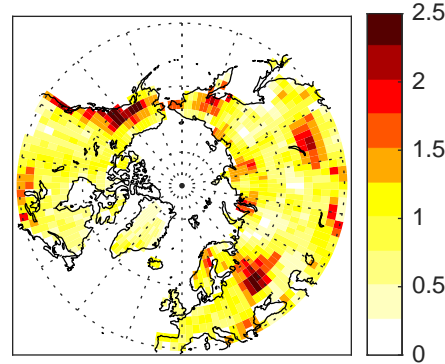


x919: Extreme, 15/15day*11yr, 2.3localstd 0K 40lat

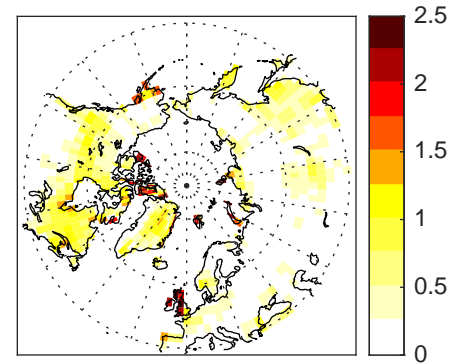
JJA extreme frequency (%)



matched extreme

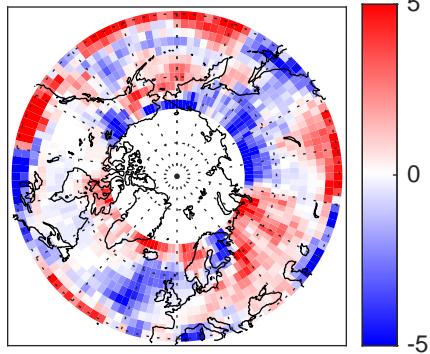


unmatched extreme

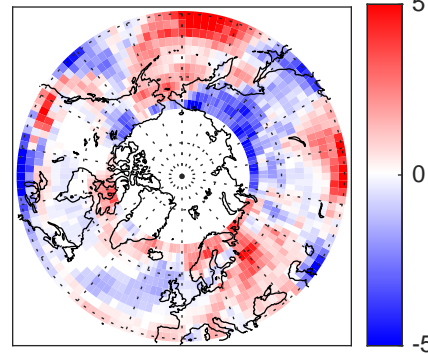


4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7

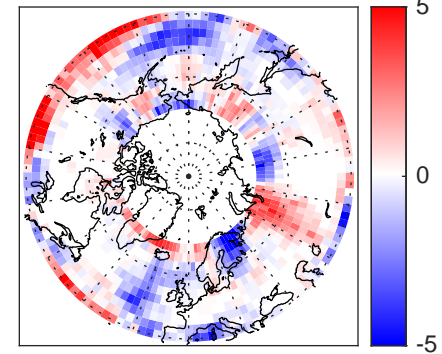
JJA blocking trends (%/30yr)



matched blocking trends

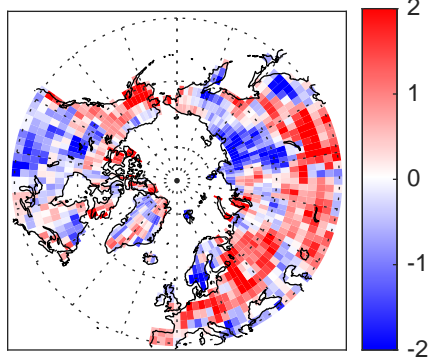


unmatched blocking trends

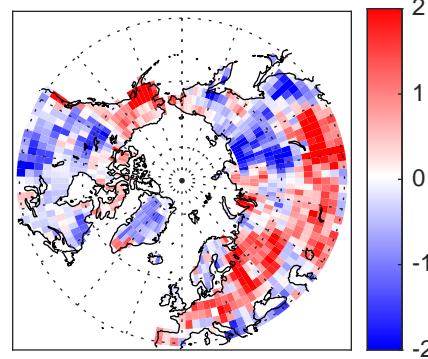


4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7

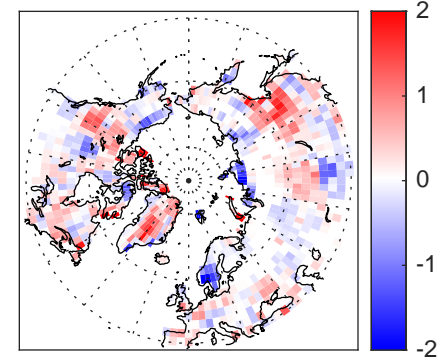
JJA extreme trends (%/30yr)

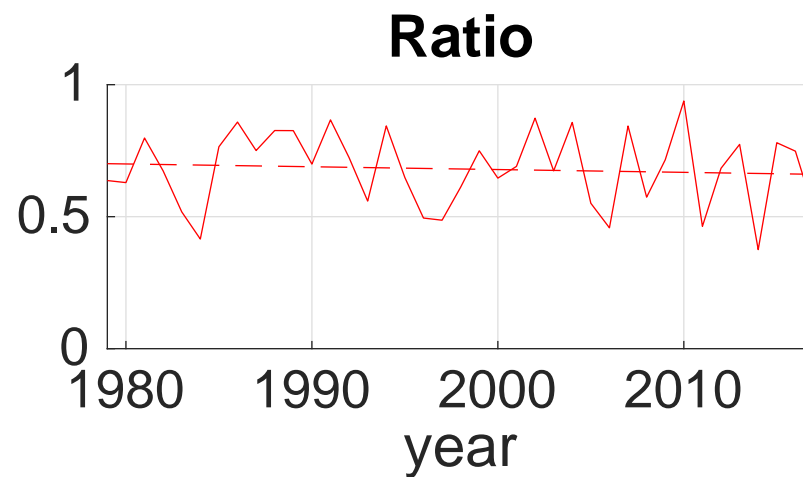
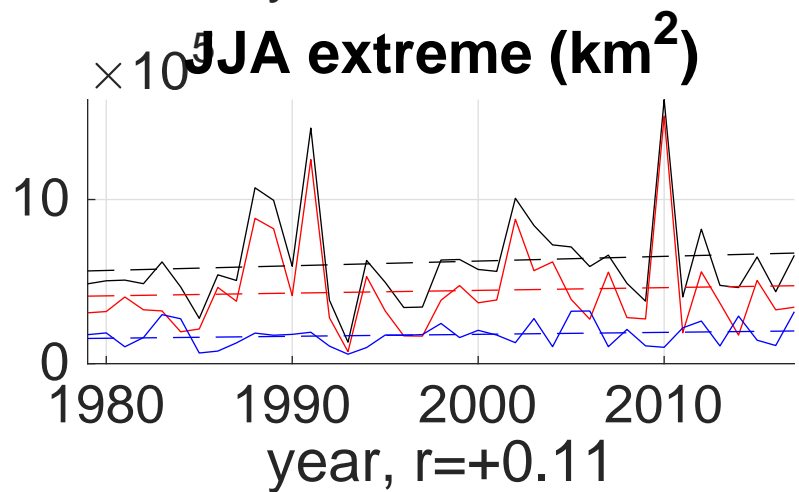
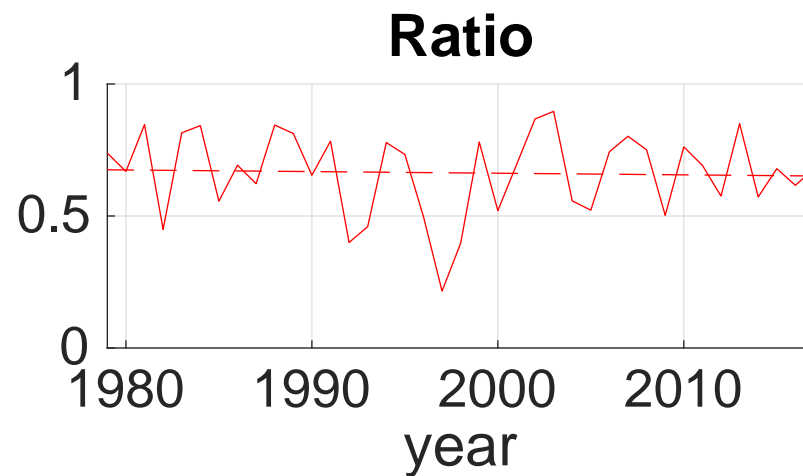
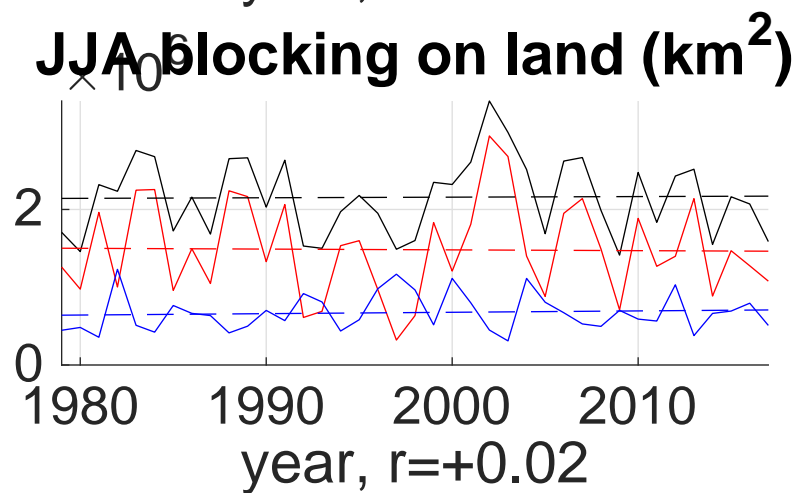
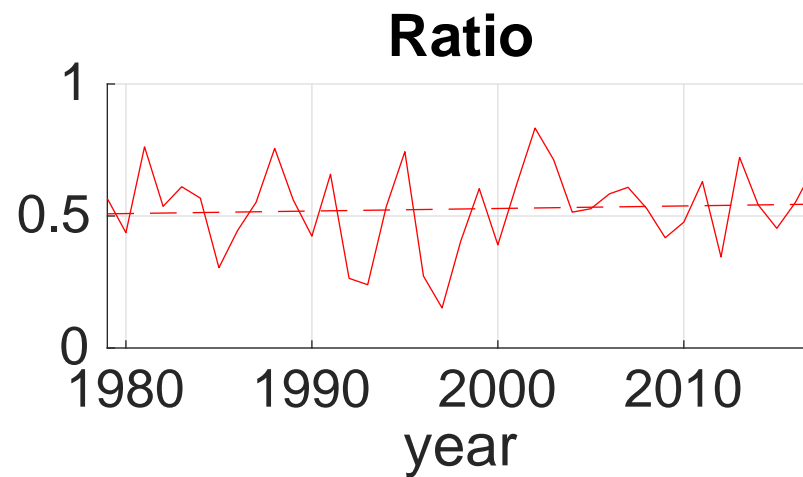
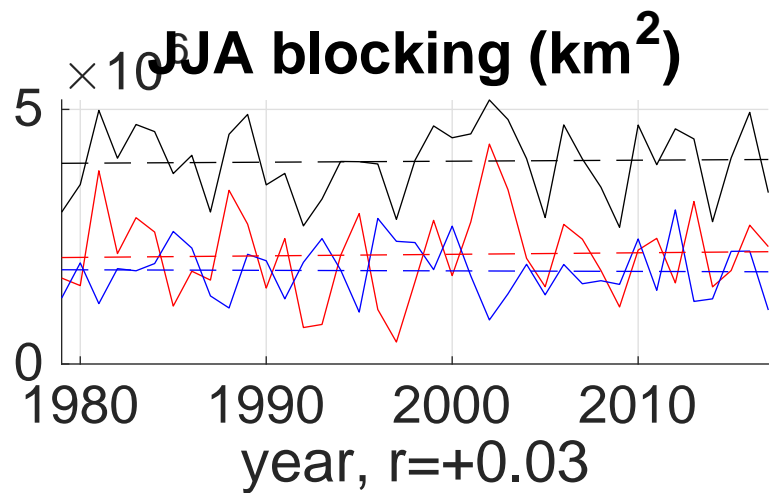


matched extreme trends

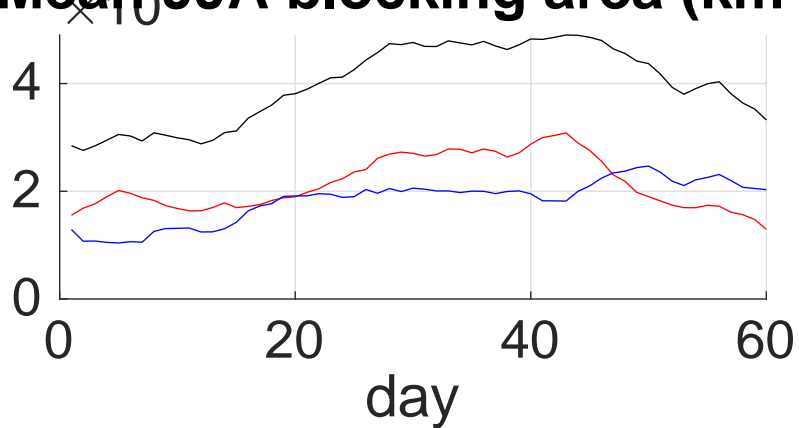


unmatched extreme trends

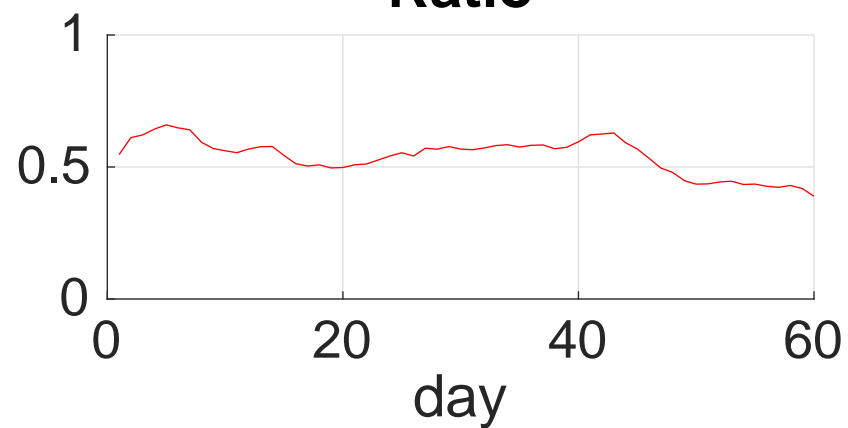




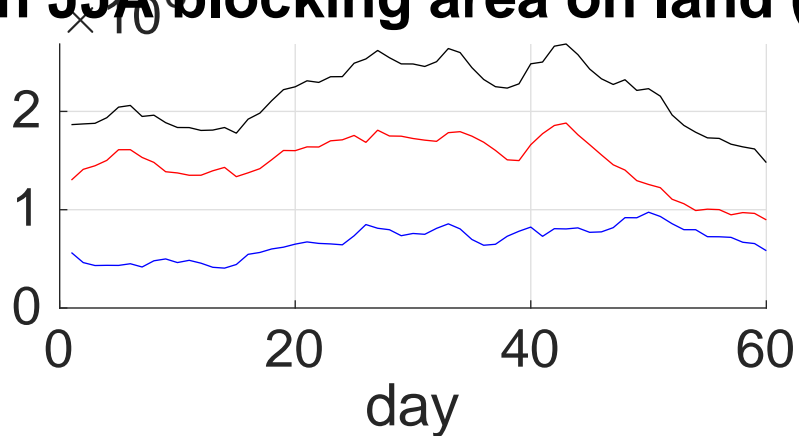
Mean JJA blocking area (km²)



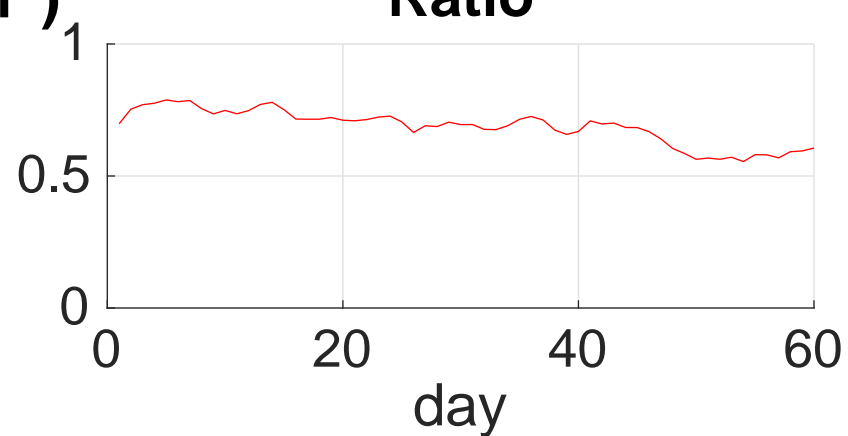
Ratio



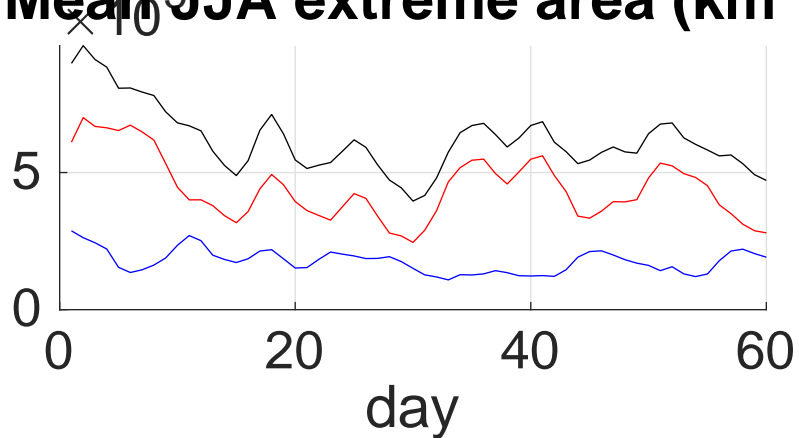
Mean JJA blocking area on land (km²)



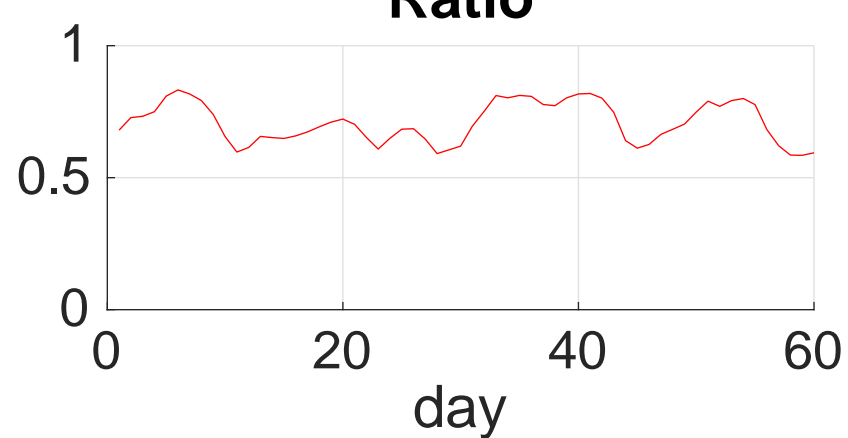
Ratio



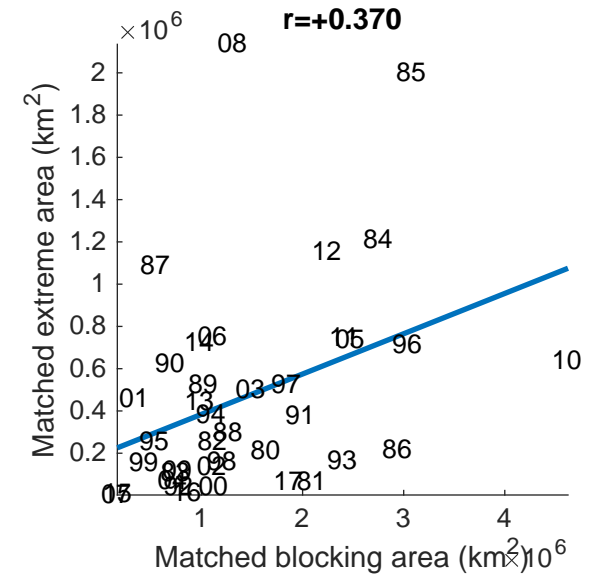
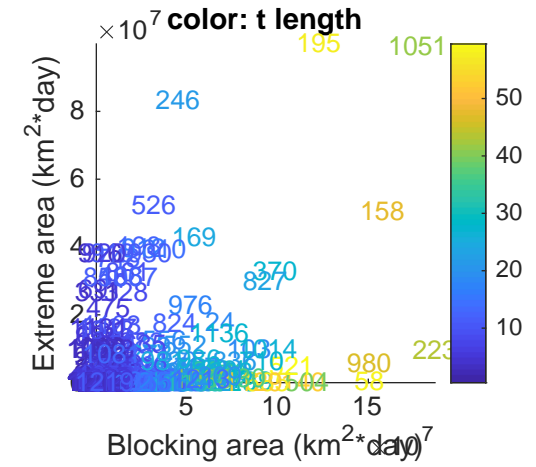
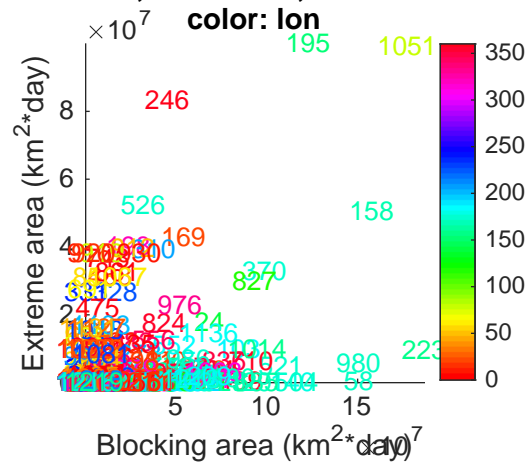
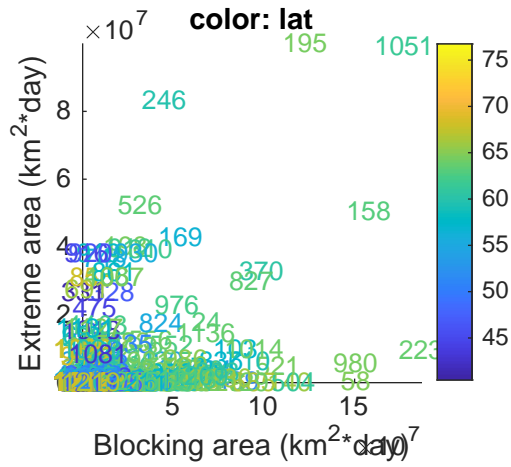
Mean JJA extreme area (km²)



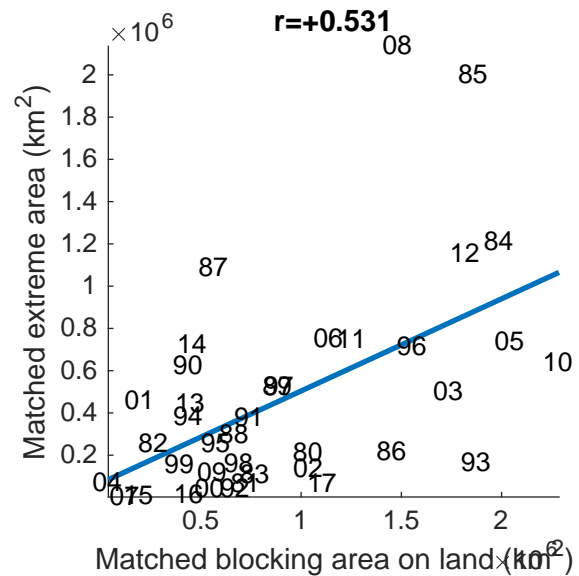
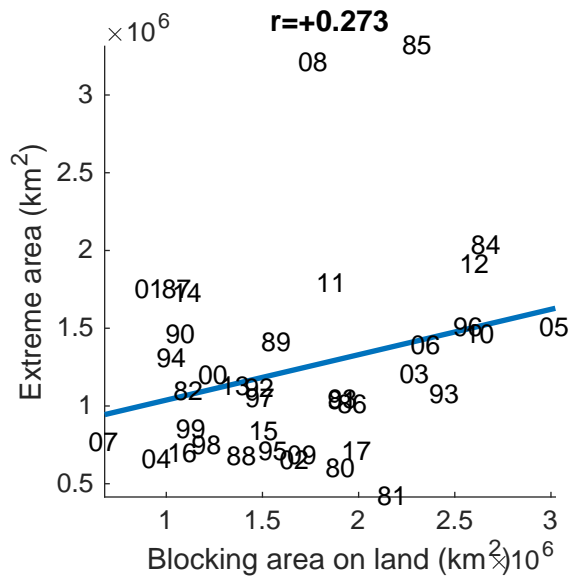
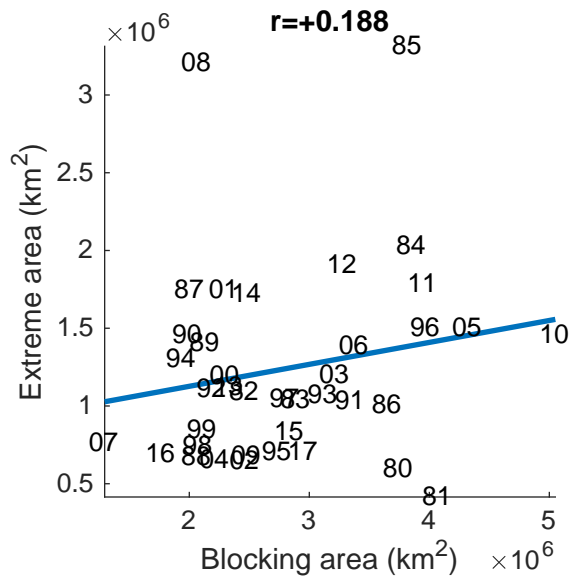
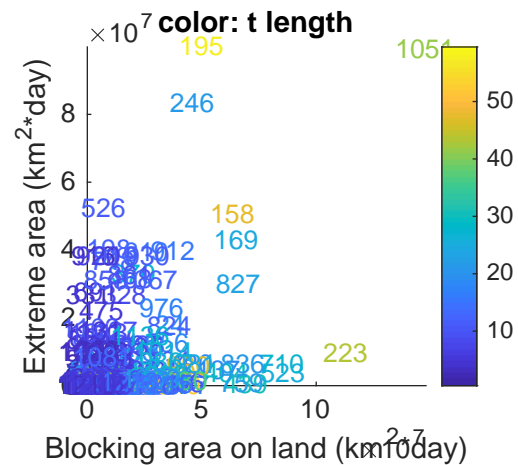
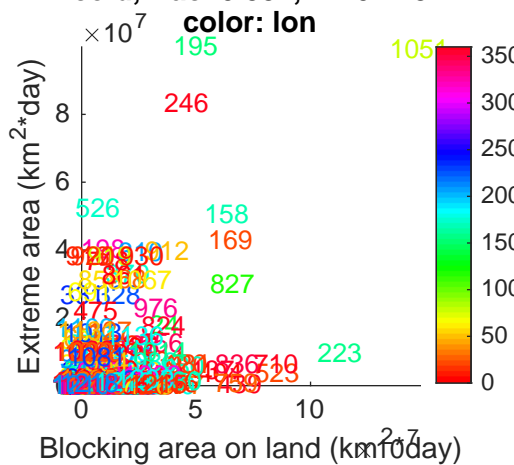
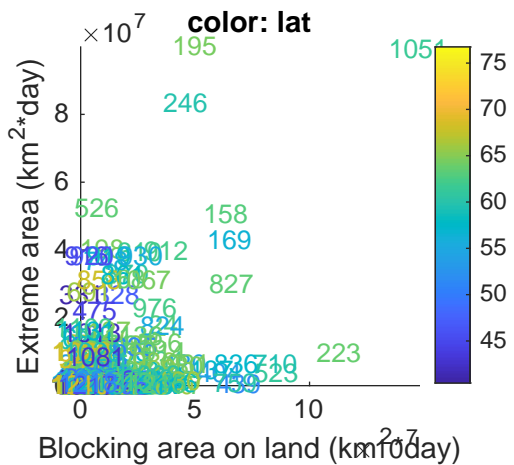
Ratio



4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7
cold, frac=0.382, r=+0.420

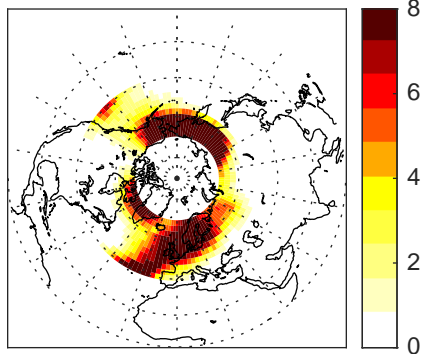


**4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7
cold, frac=0.382, r=+0.478**

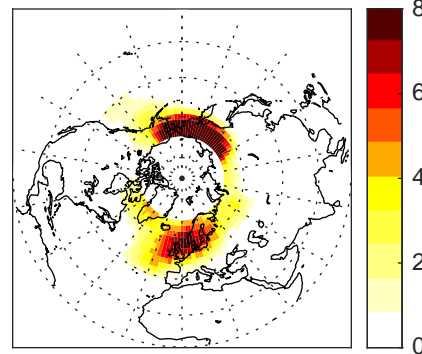


4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7

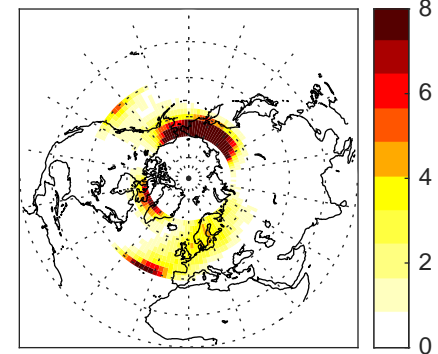
DJF blocking frequency (%)



matched blocking

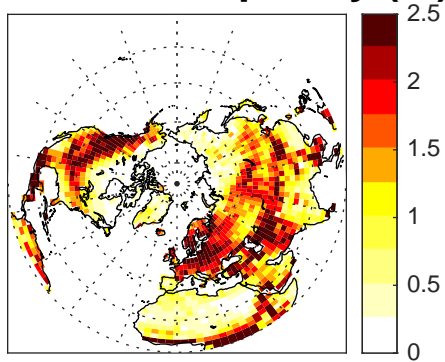


unmatched blocking

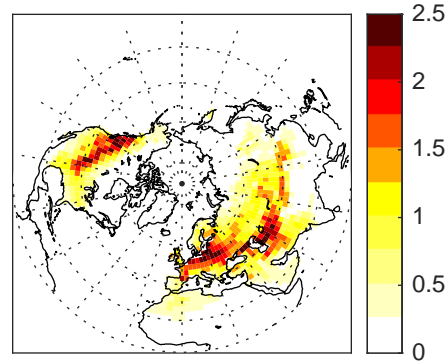


x919: Extreme, 15/15day*11yr, 2.3localstd 0K 40lat

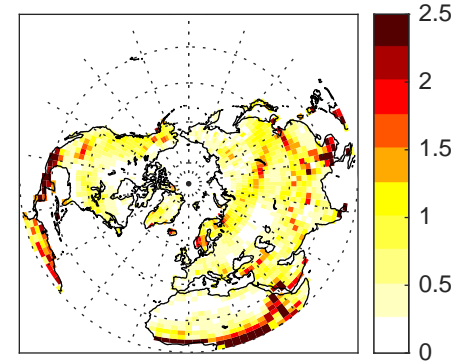
DJF extreme frequency (%)



matched extreme

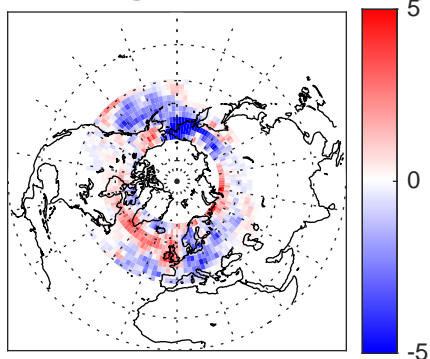


unmatched extreme

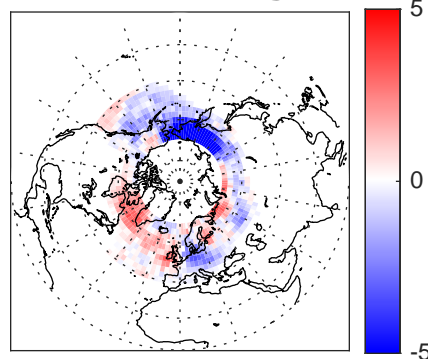


4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7

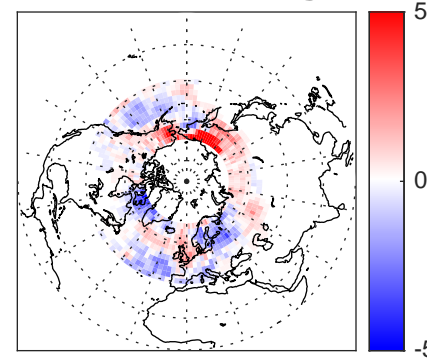
DJF blocking trends (%/30yr)



matched blocking trends

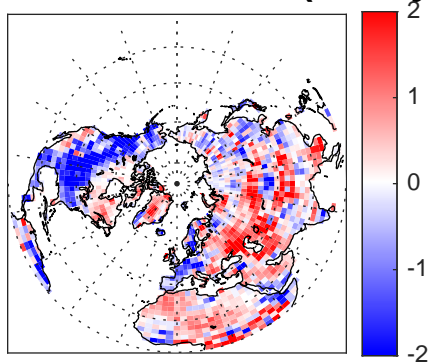


unmatched blocking trends

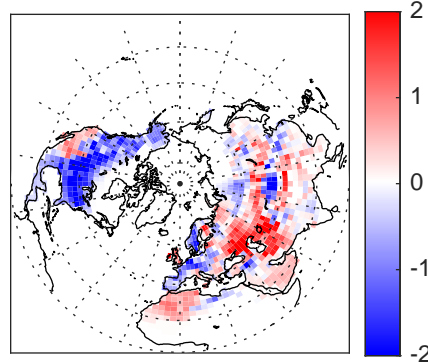


4a39: S06, 40N-, D=3,GHGNT=Inf,GHGST=0,dphi=7

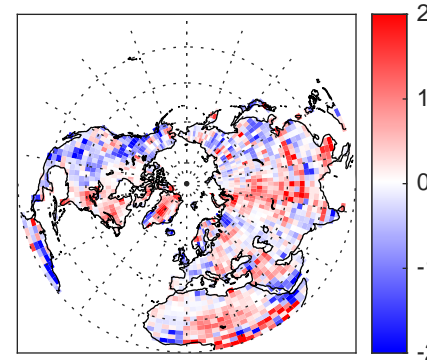
DJF extreme trends (%/30yr)

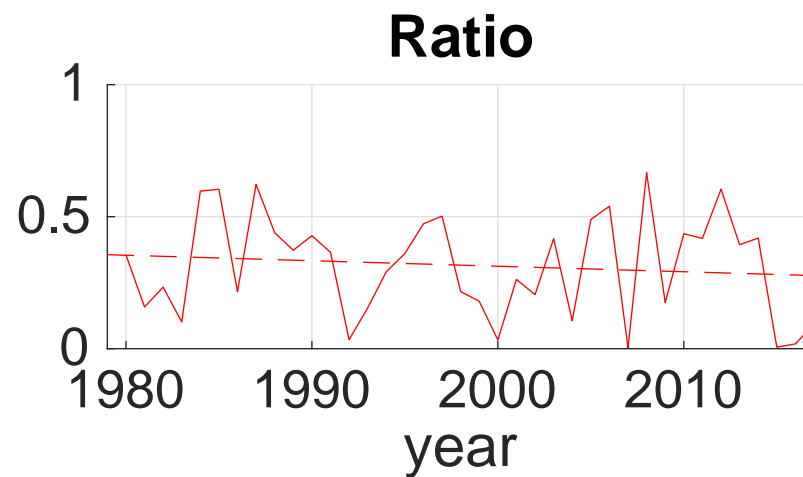
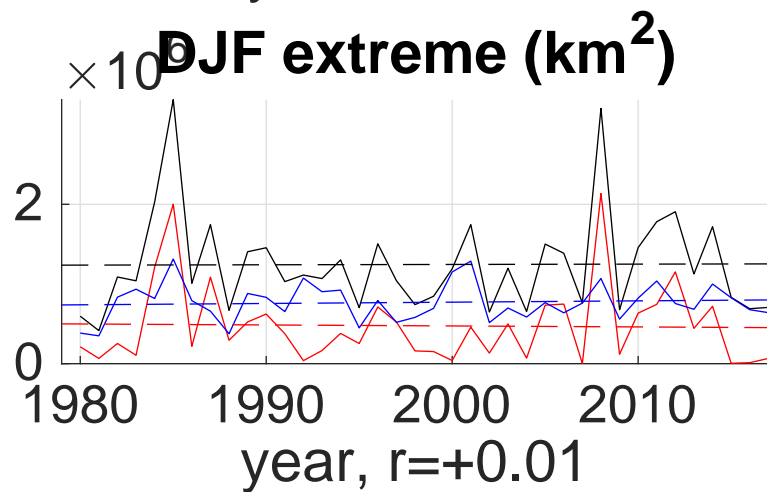
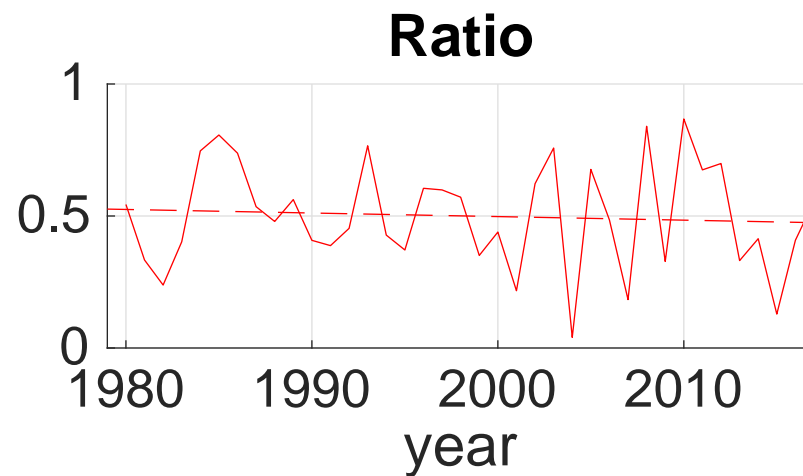
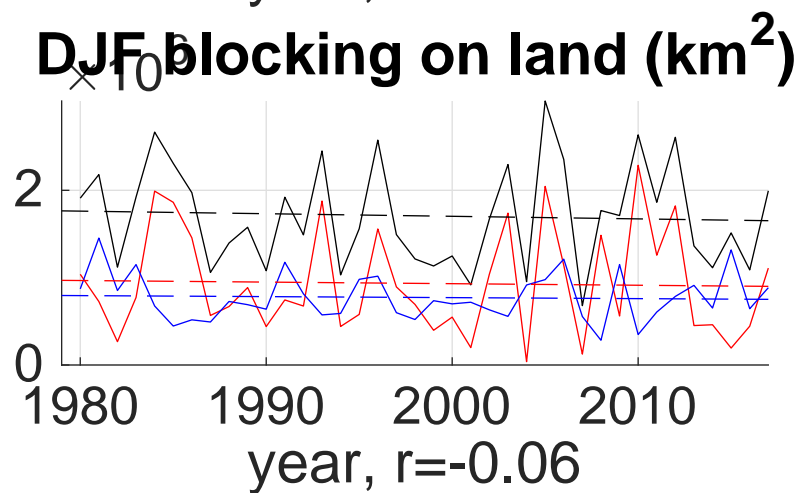
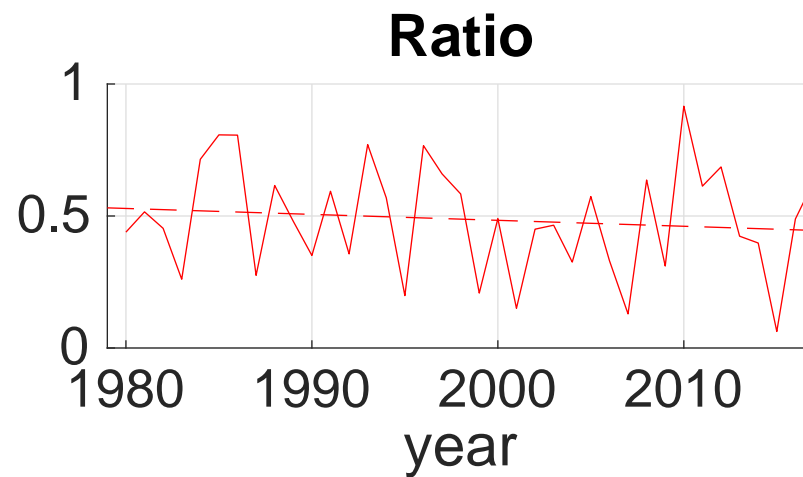
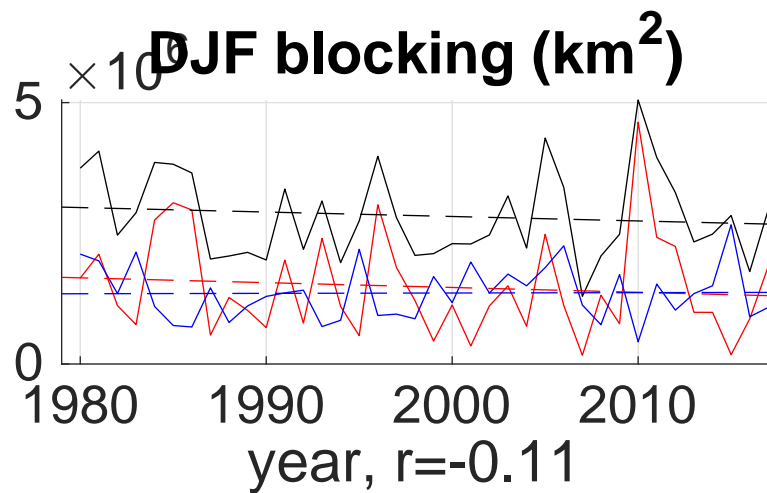


matched extreme trends

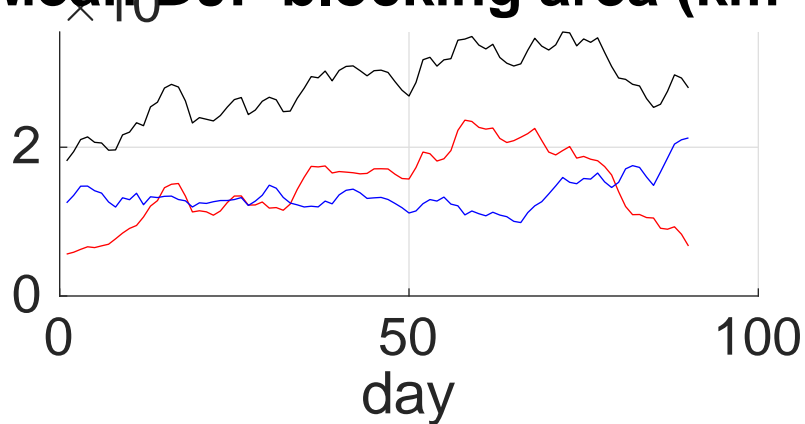


unmatched extreme trends

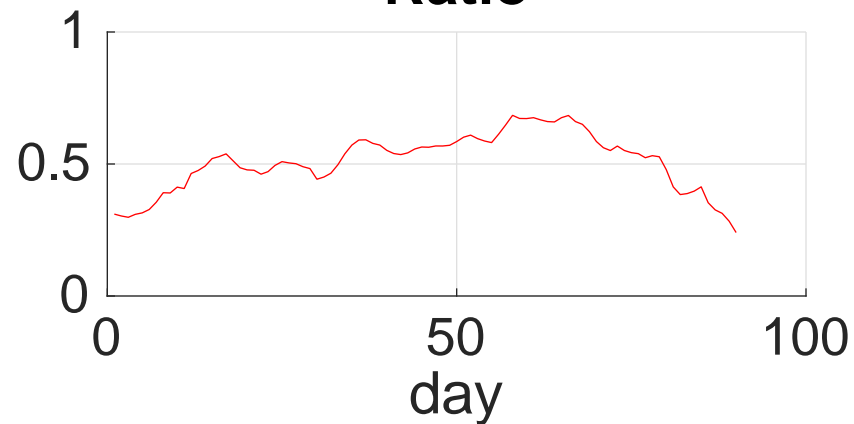




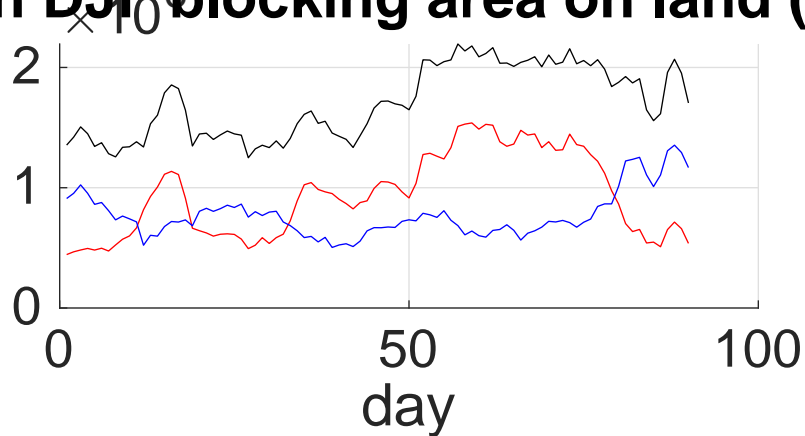
Mean DJF blocking area (km²)



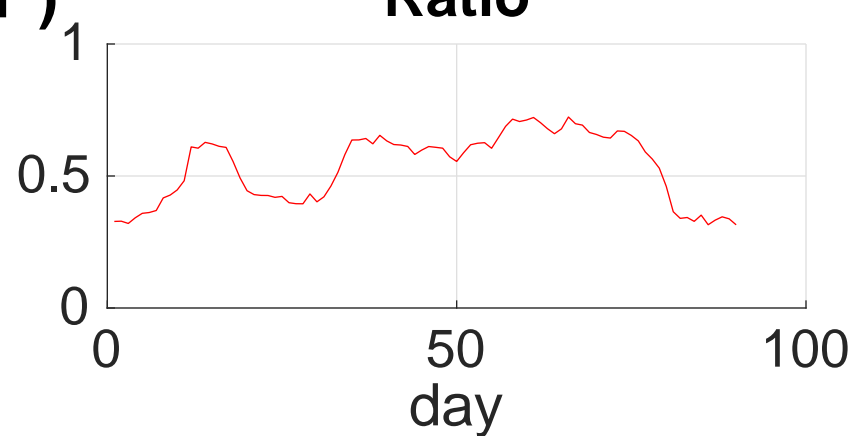
Ratio



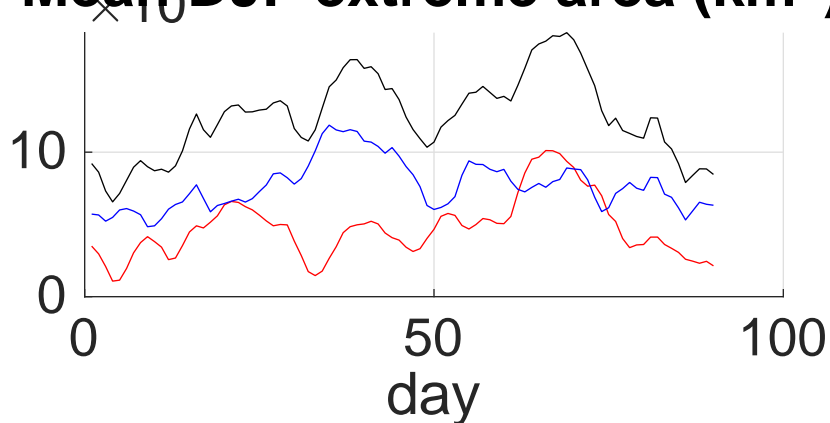
Mean DJF blocking area on land (km²)



Ratio



Mean DJF extreme area (km²)



Ratio

