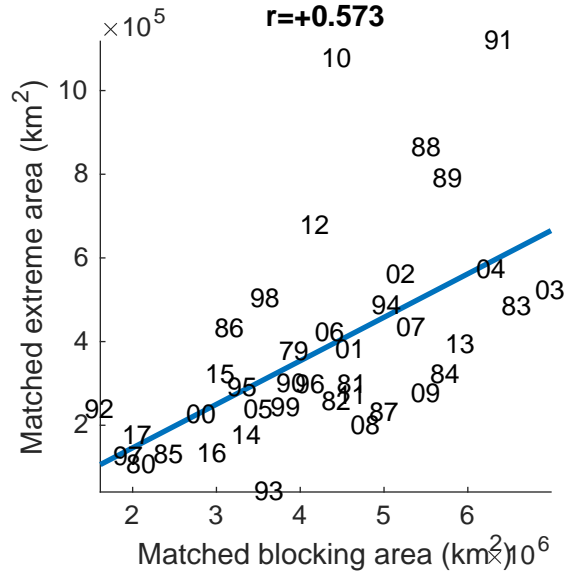
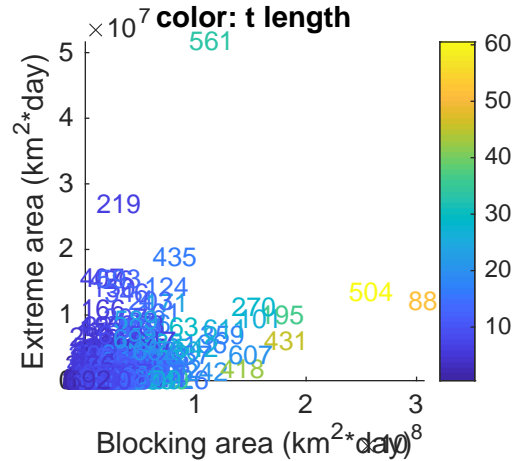
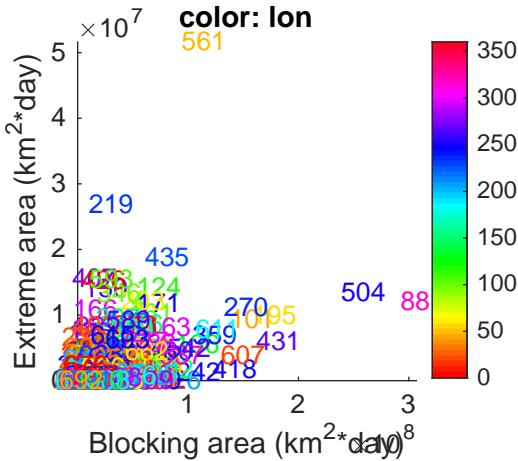
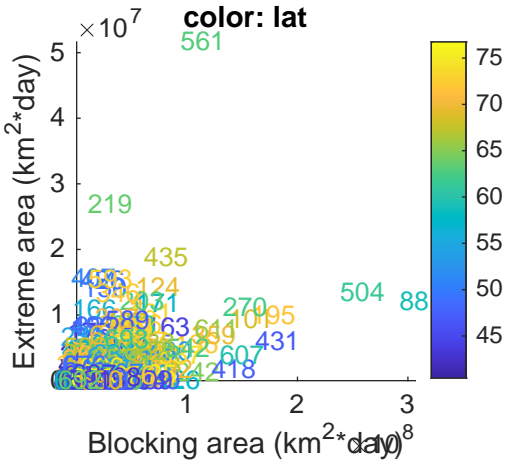
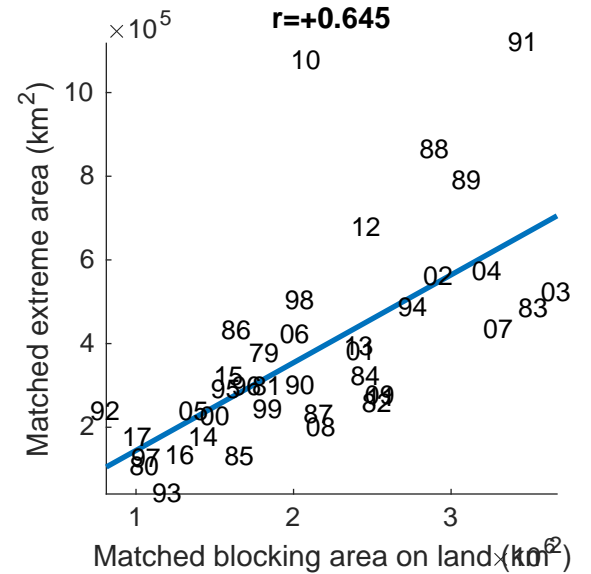
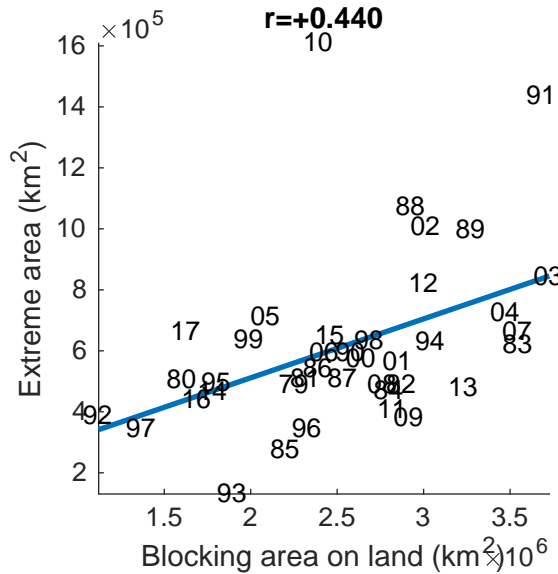
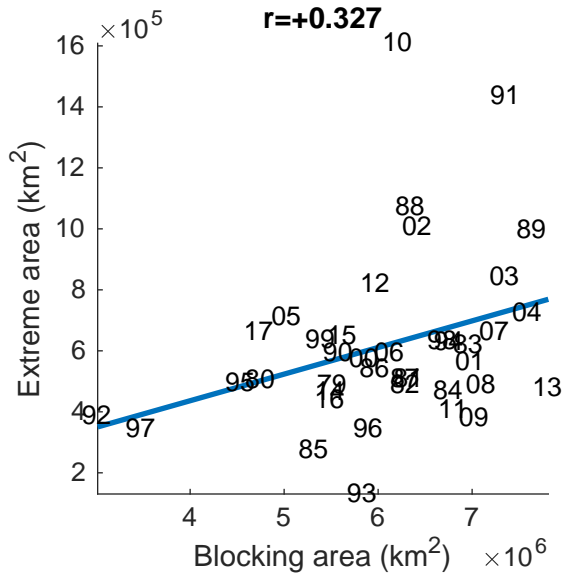
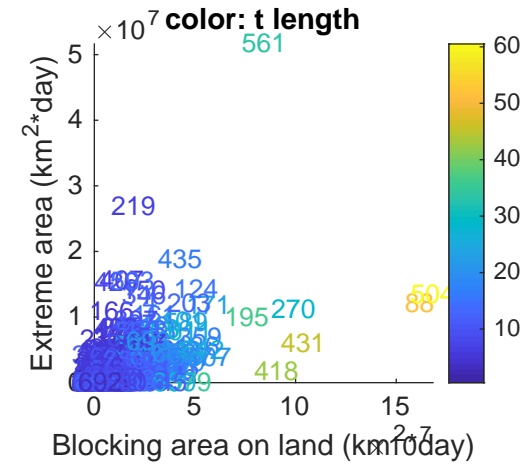
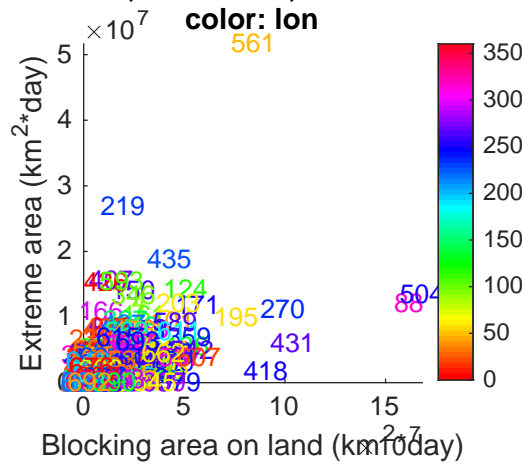
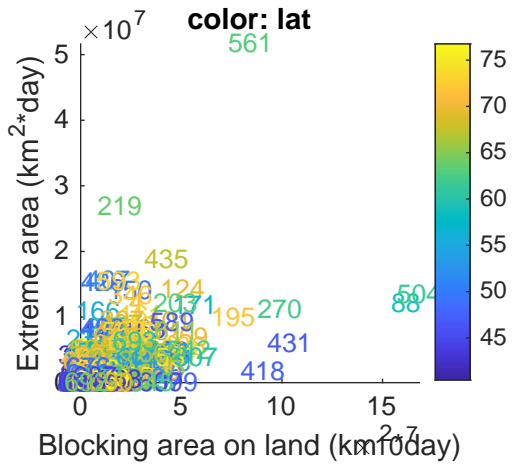


hot, frac=0.618, r=+0.489

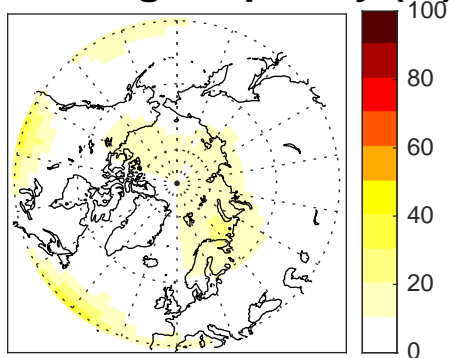


hot, frac=0.618, r=+0.579

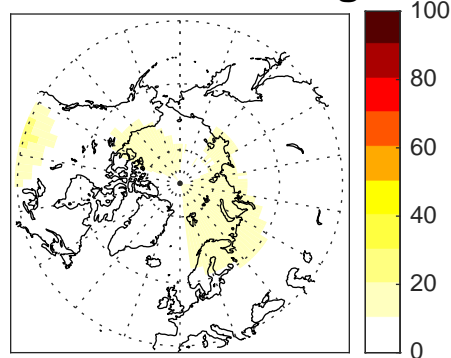


9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight

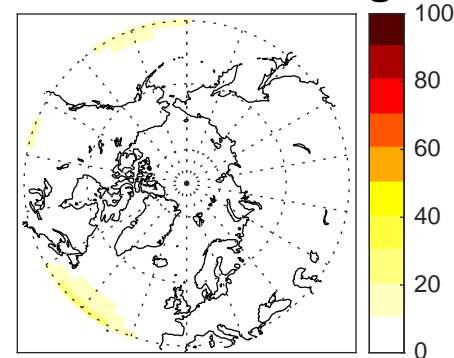
JJA blocking frequency (%)



matched blocking

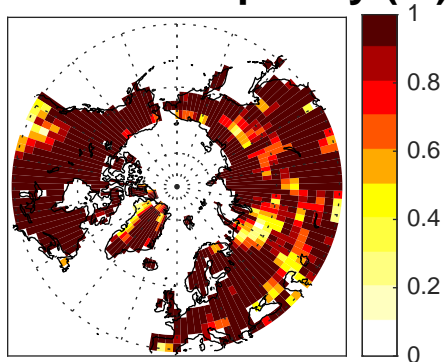


unmatched blocking

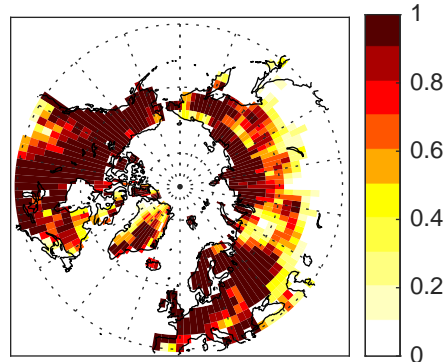


x918: Extreme, 15/15day*11yr, 2.3localstd 0K 50lat

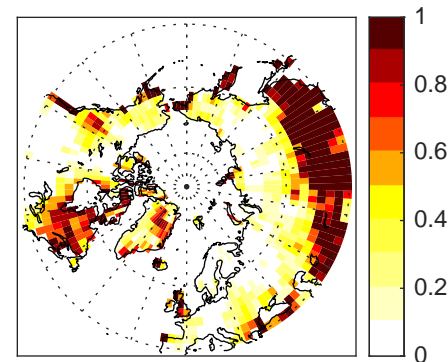
JJA extreme frequency (%)



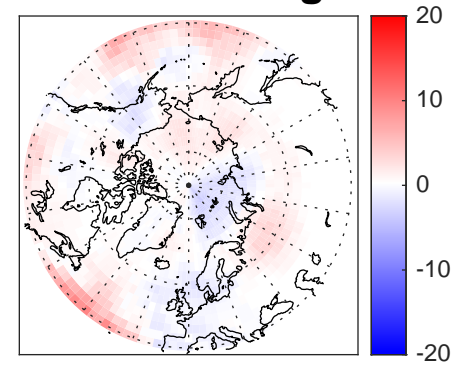
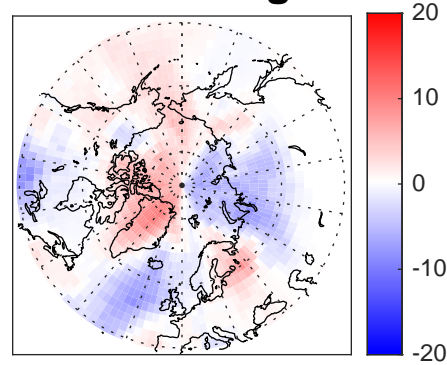
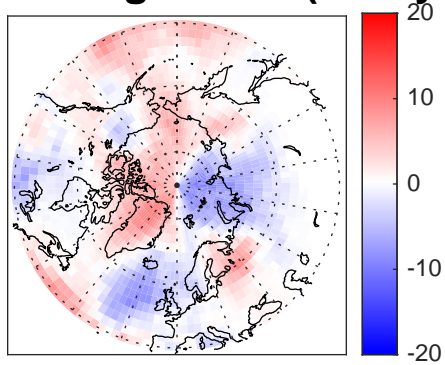
matched extreme



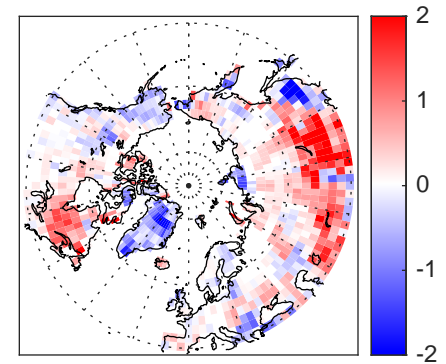
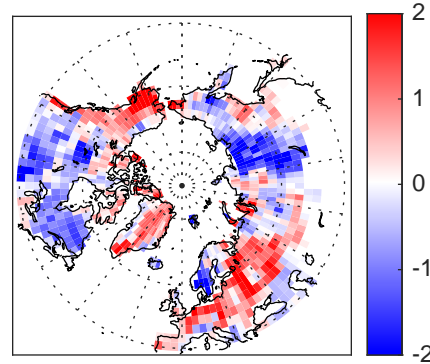
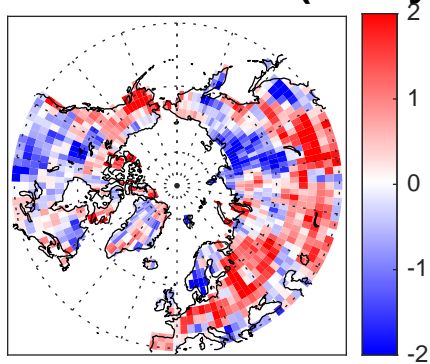
unmatched extreme

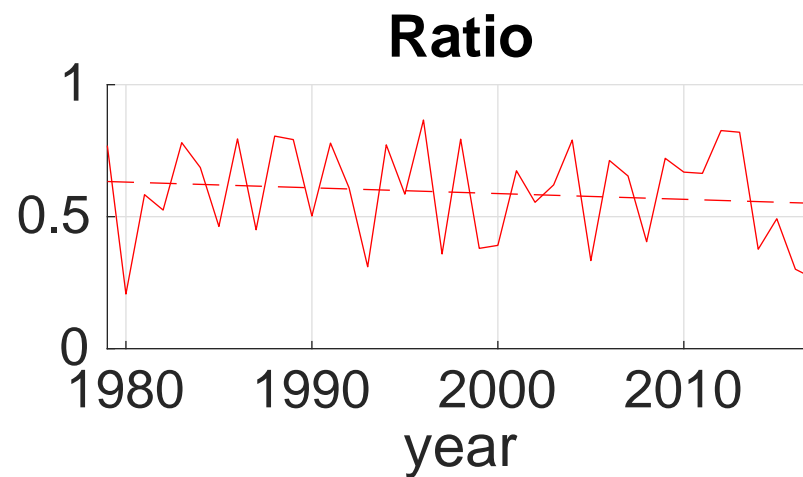
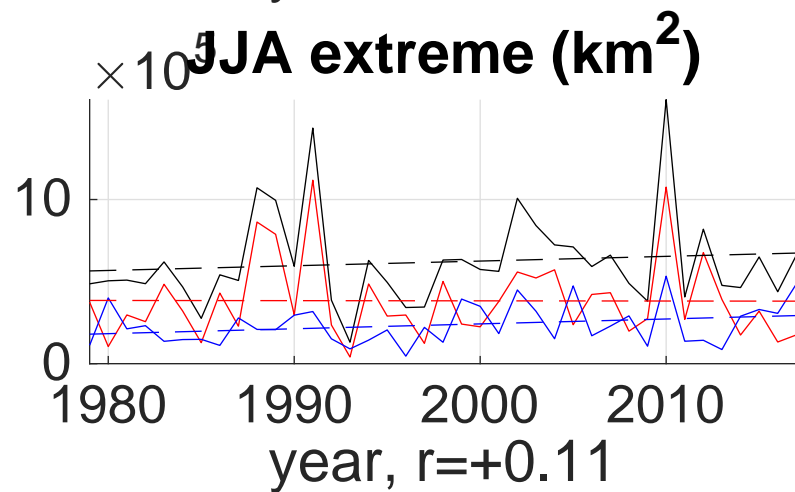
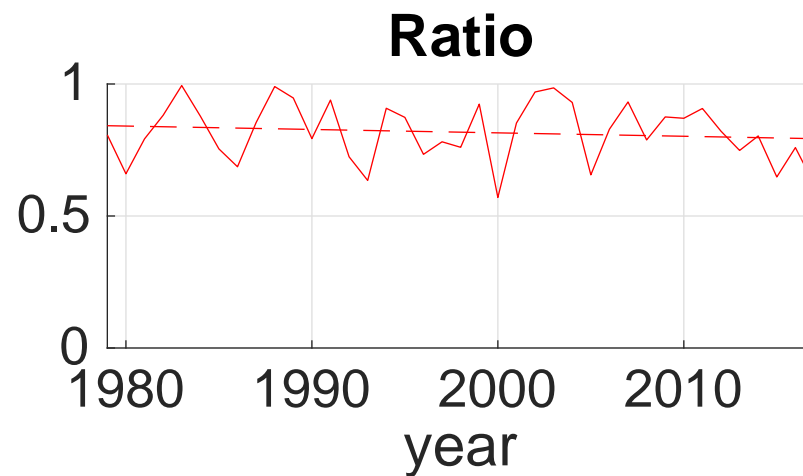
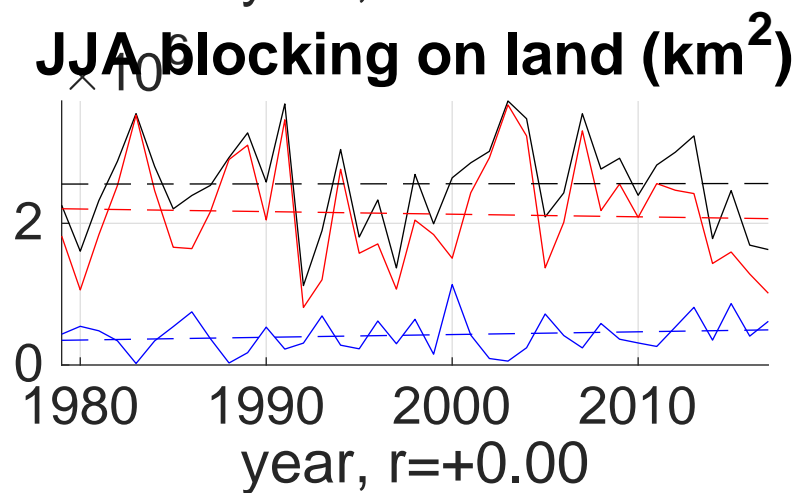
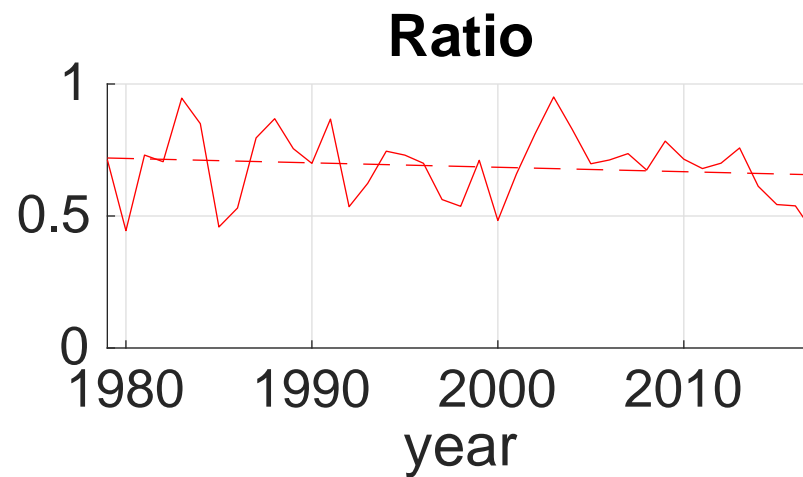
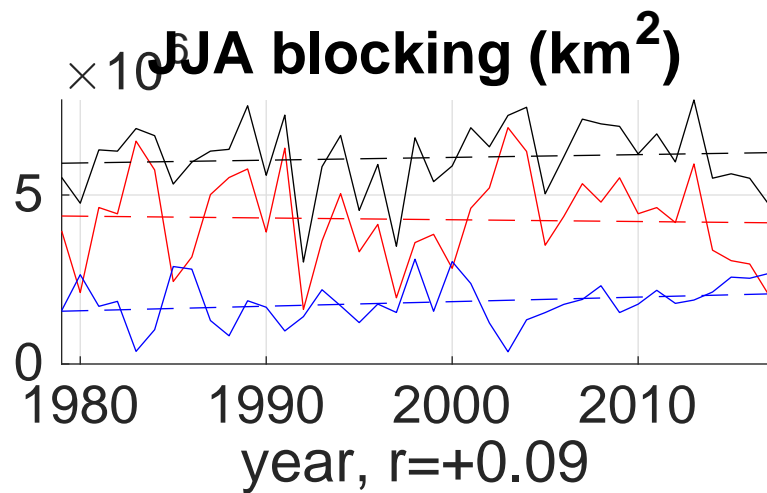


9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight
JJA blocking trends (%/30yr) matched blocking trends unmatched blocking trends

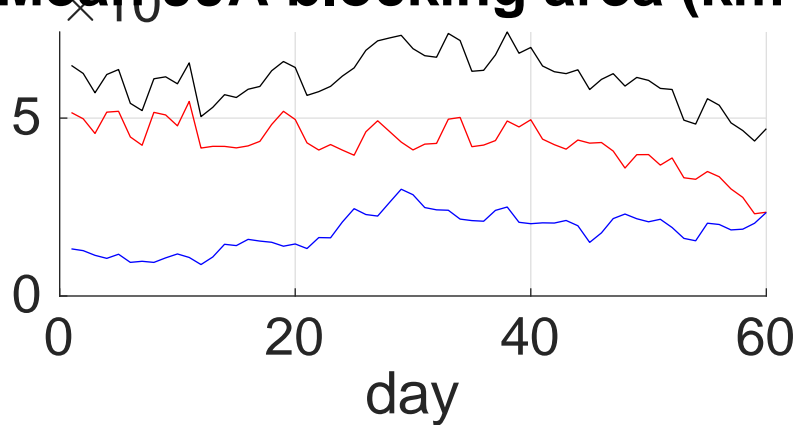


9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight
JJA extreme trends (%/30yr) matched extreme trends unmatched extreme trends

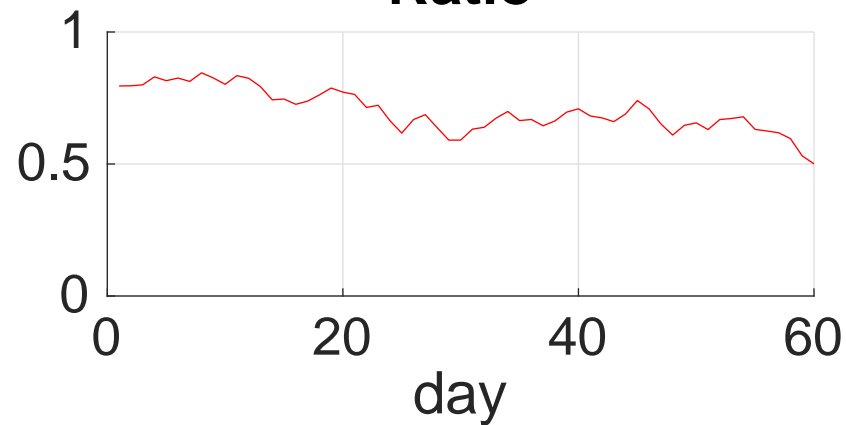




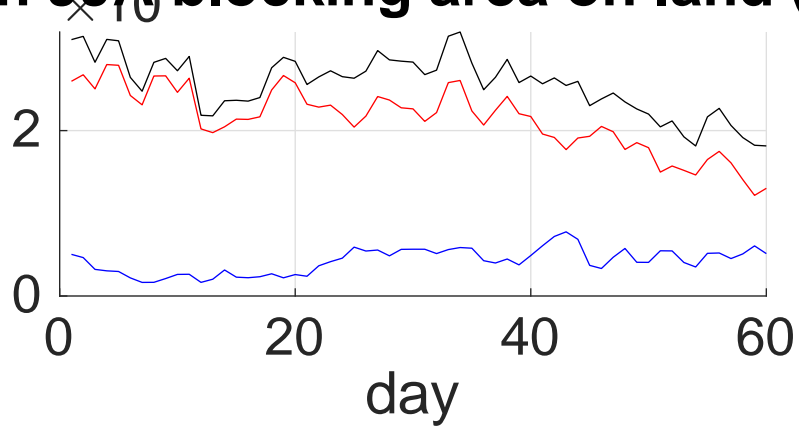
Mean JJA blocking area (km²)



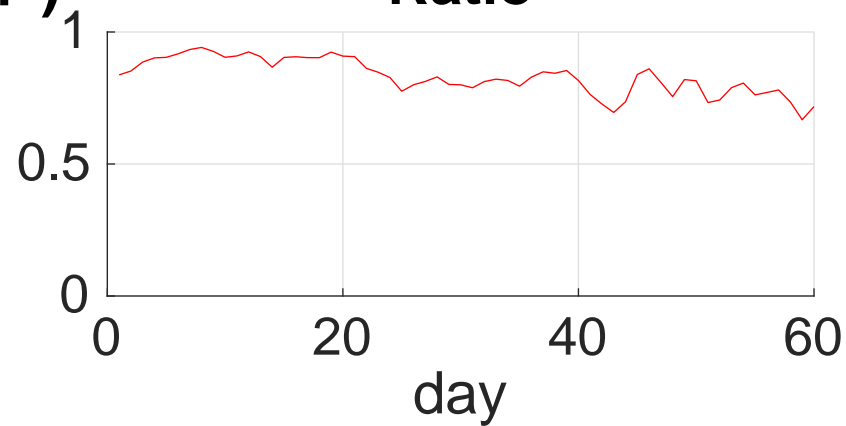
Ratio



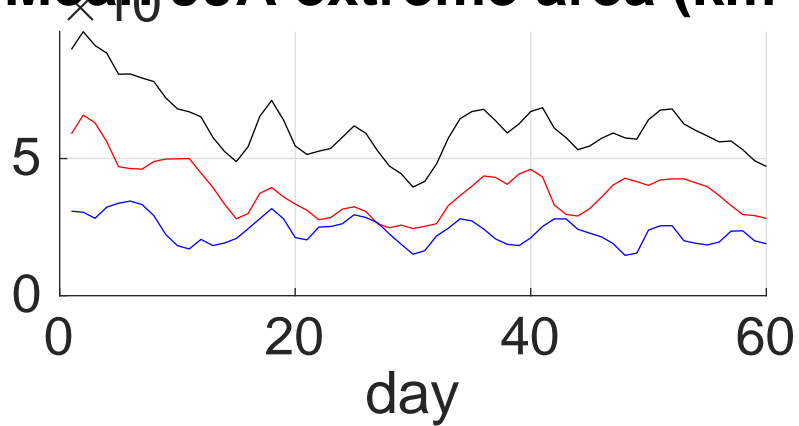
Mean JJA blocking area on land (km²)



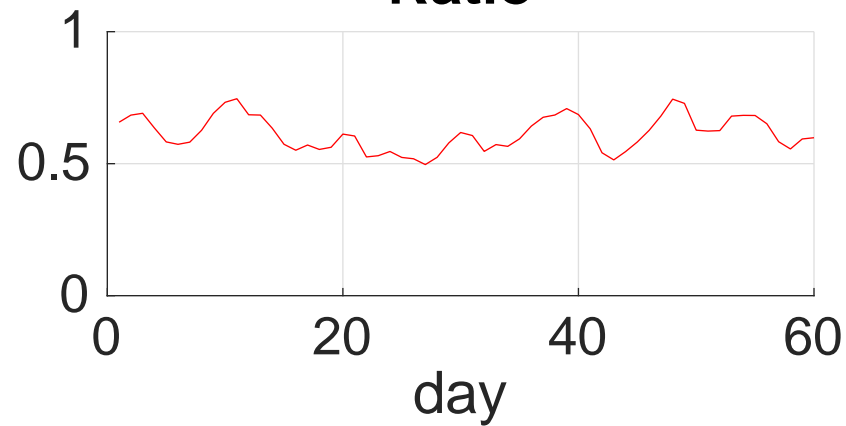
Ratio



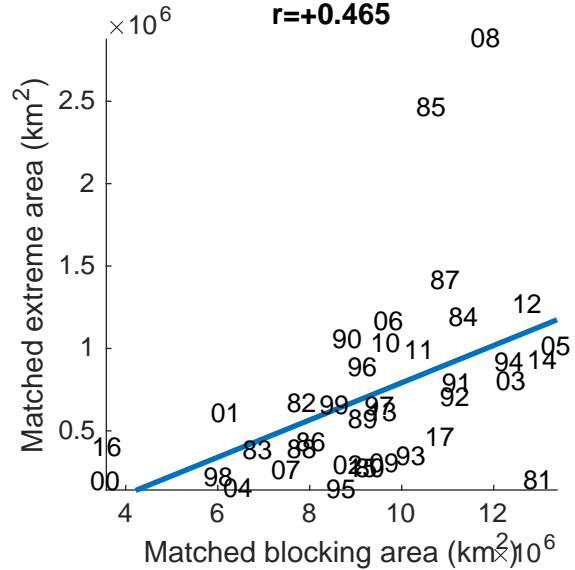
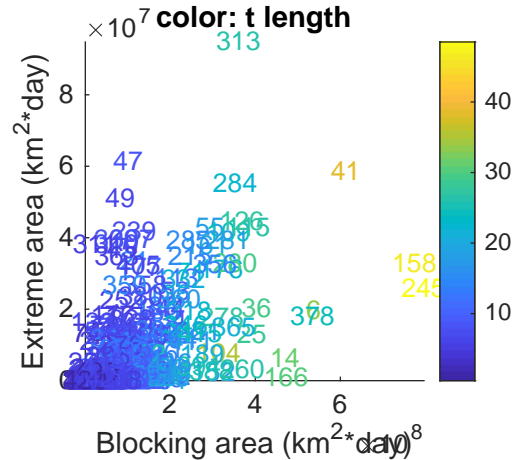
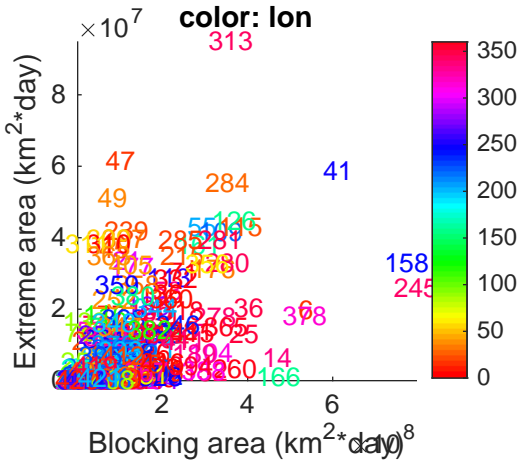
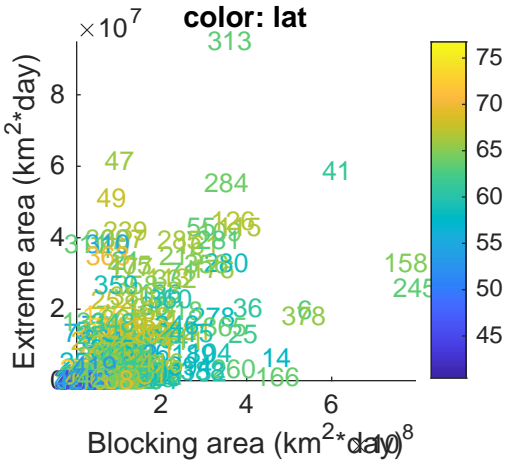
Mean JJA extreme area (km²)



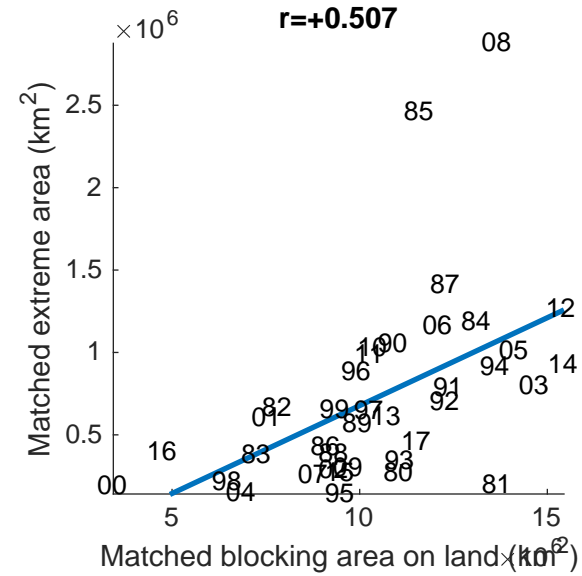
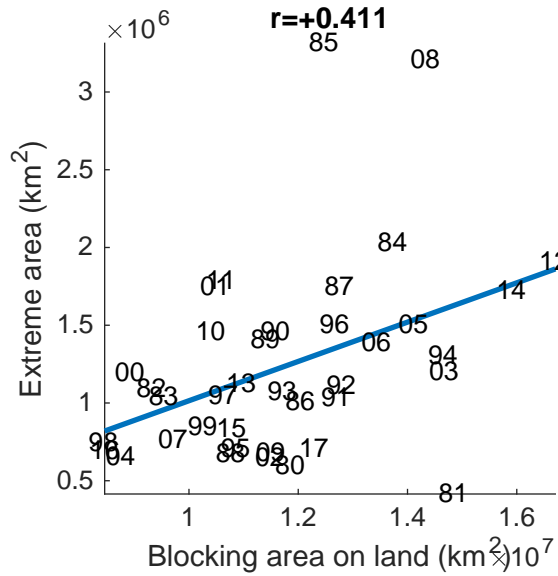
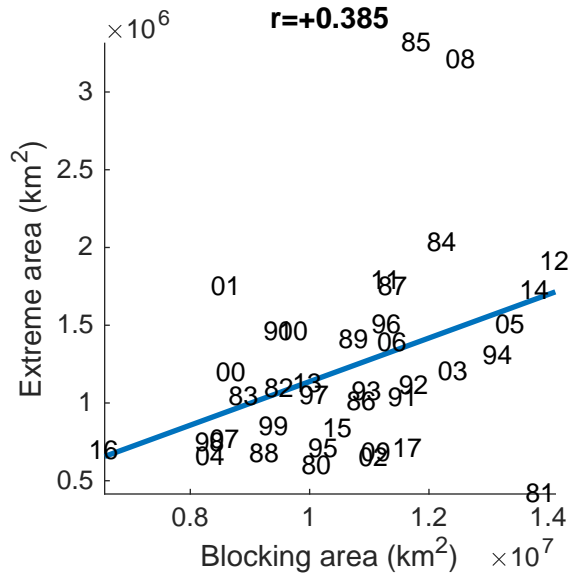
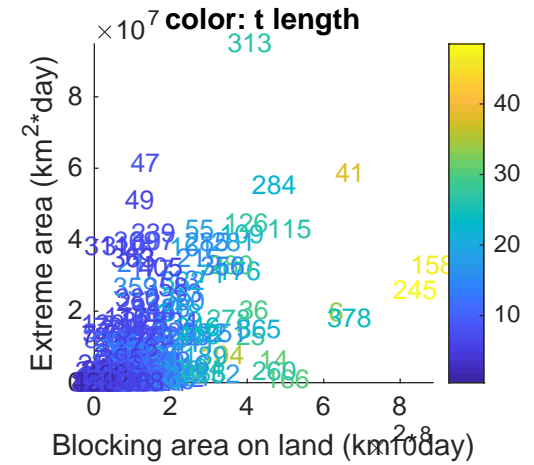
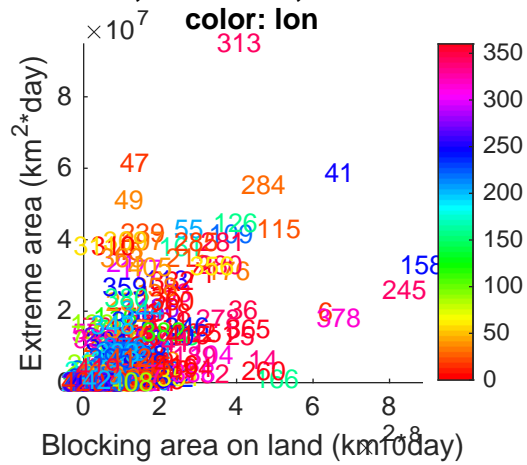
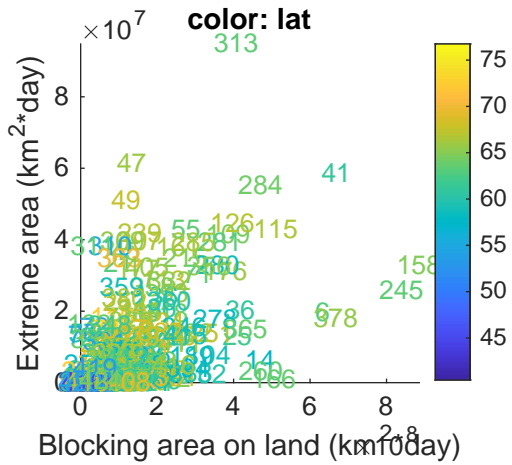
Ratio



**9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight
cold, frac=0.588, r=+0.579**

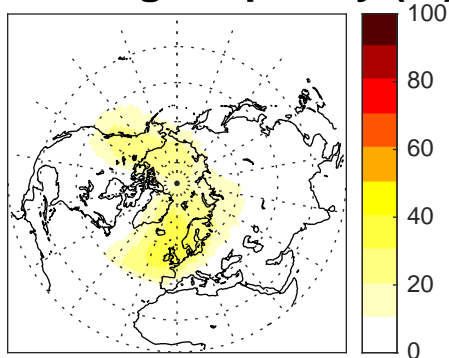


**9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight
cold, frac=0.588, r=+0.591**

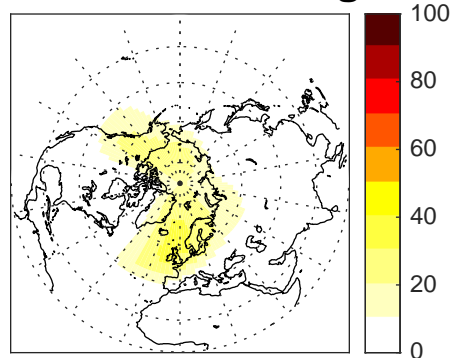


9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight

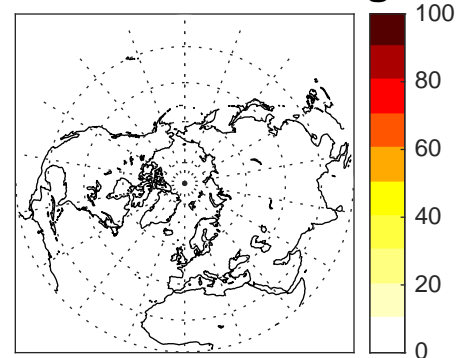
DJF blocking frequency (%)



matched blocking

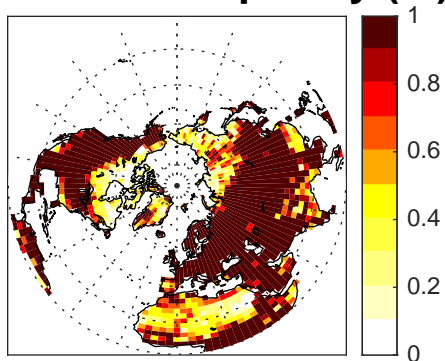


unmatched blocking

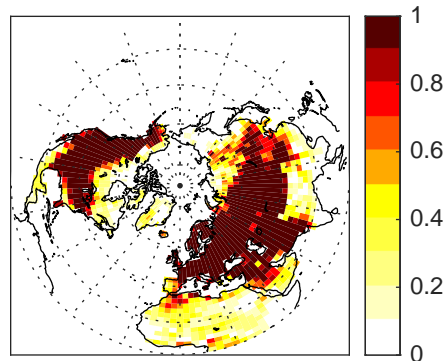


x918: Extreme, 15/15day*11yr, 2.3localstd 0K 50lat

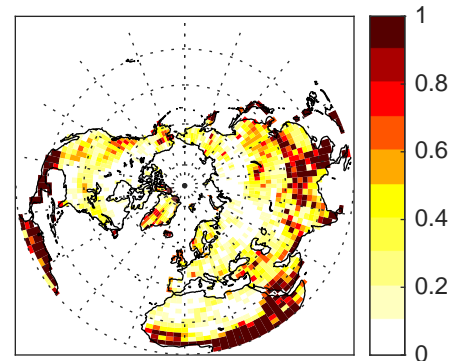
DJF extreme frequency (%)



matched extreme

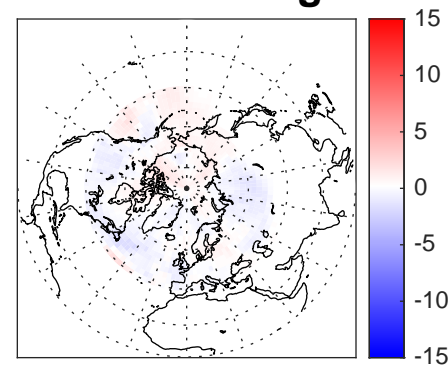
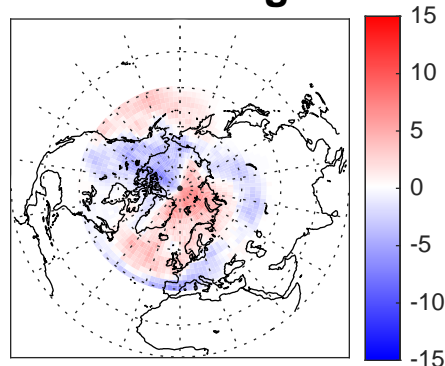
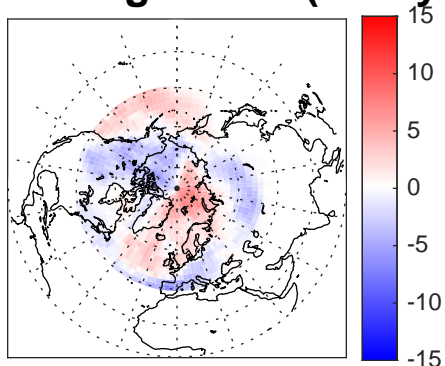


unmatched extreme



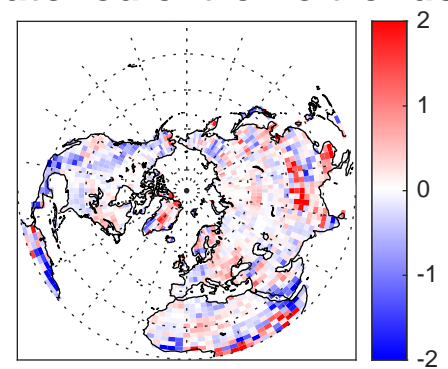
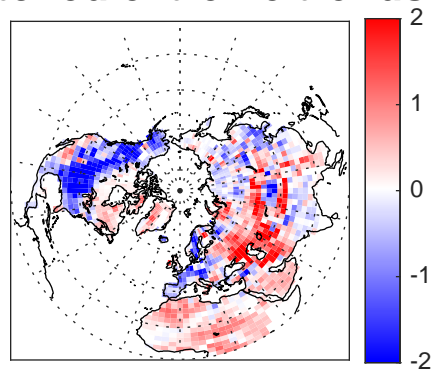
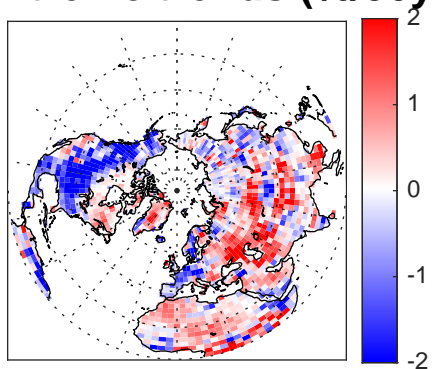
9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight

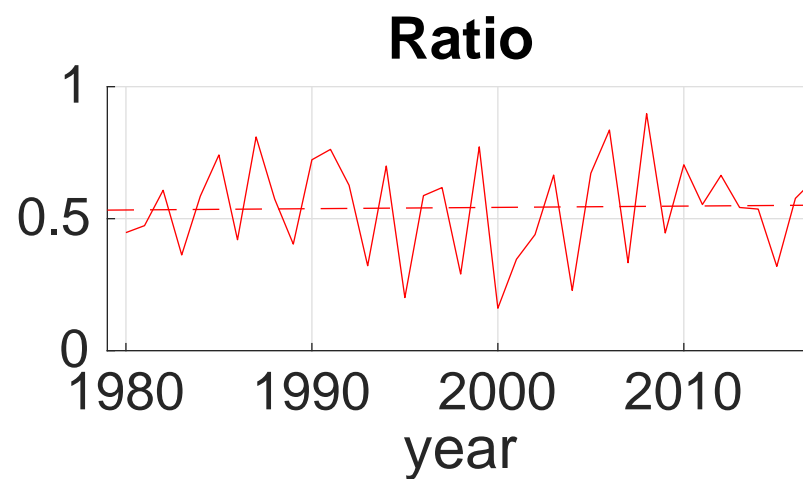
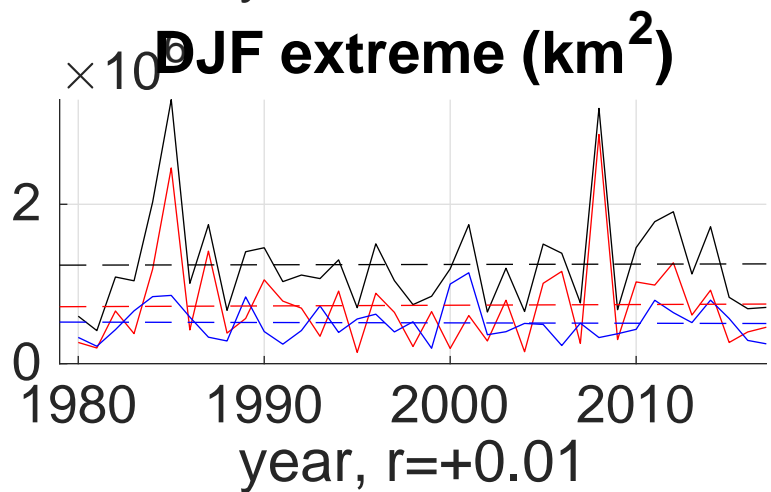
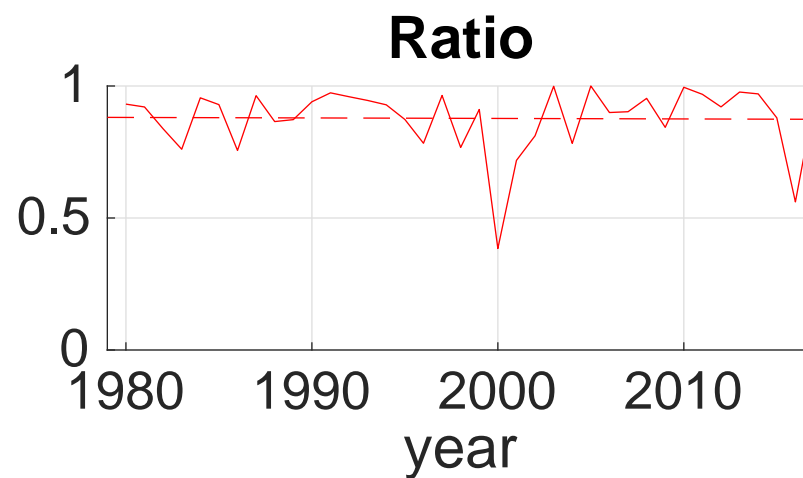
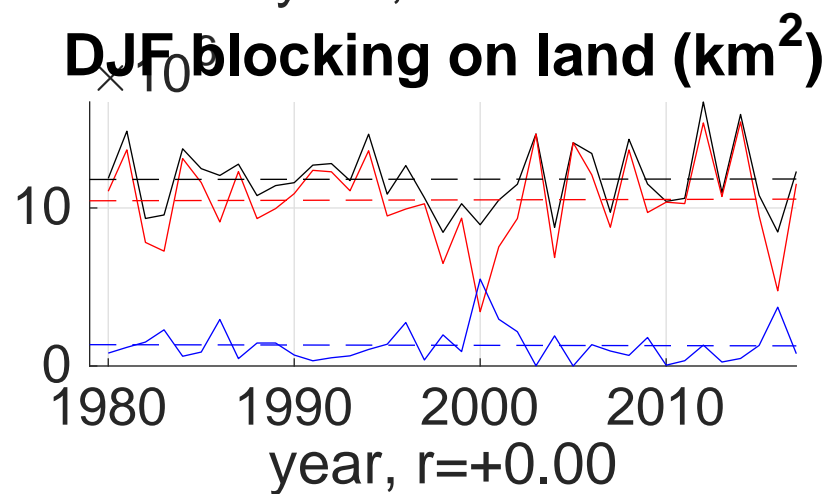
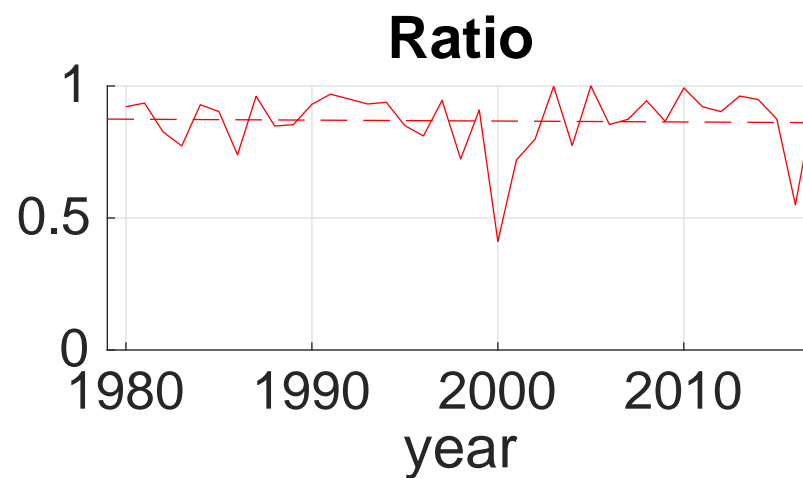
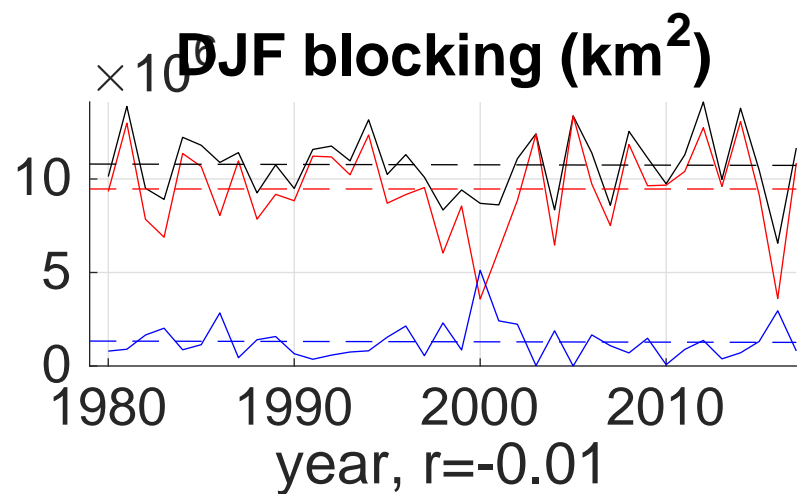
DJF blocking trends (%/30yr) matched blocking trends unmatched blocking trends



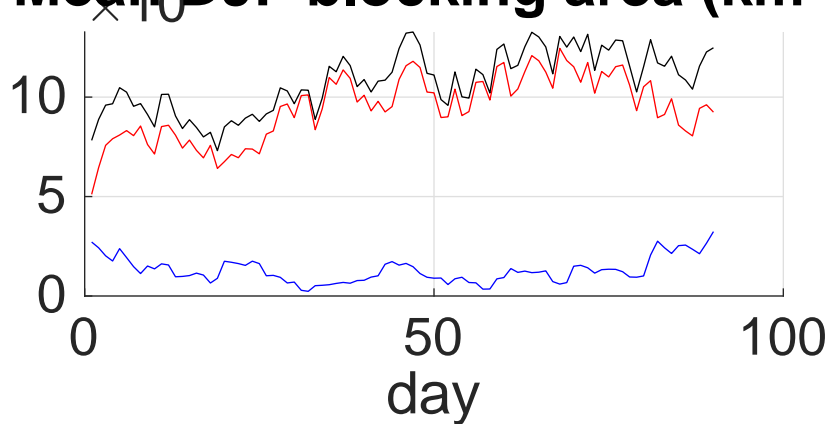
9a06: FALWA, z500, A+,40-90N,offset-3,A=7e+07,D=5,unweight

DJF extreme trends (%/30yr) matched extreme trends unmatched extreme trends

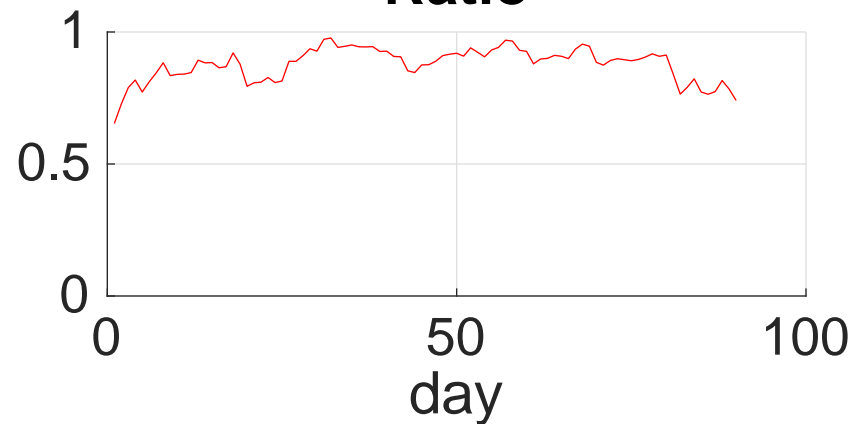




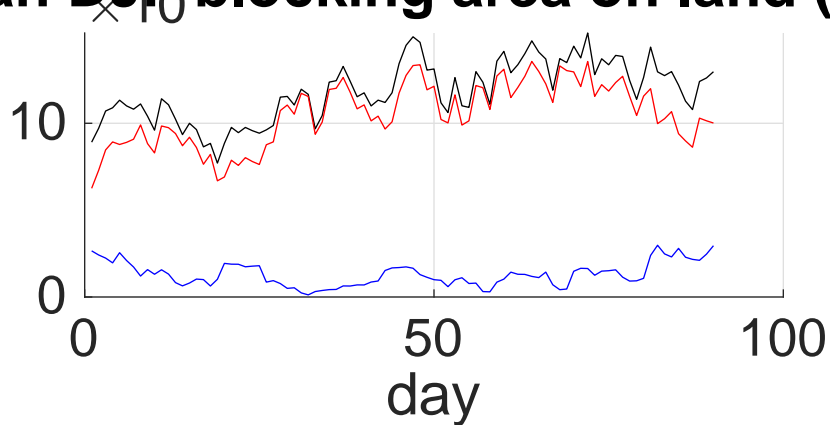
Mean DJF blocking area (km²)



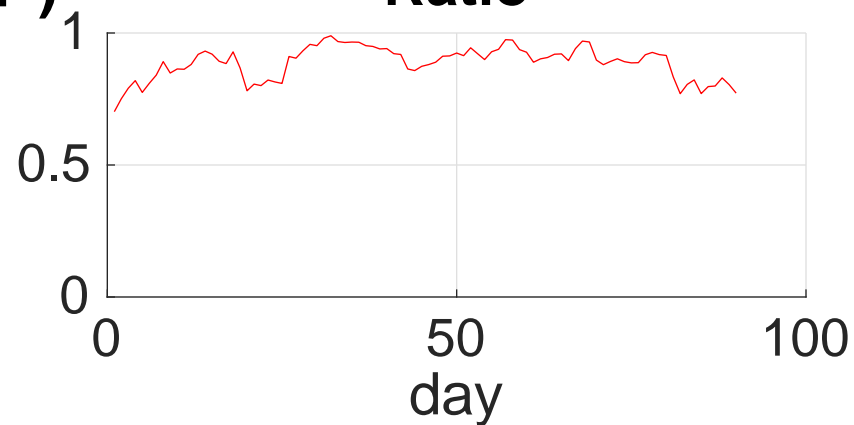
Ratio



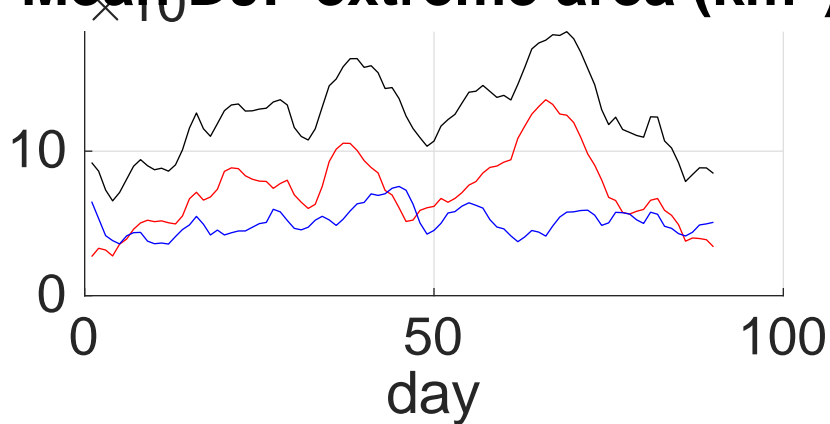
Mean DJF blocking area on land (km²)



Ratio



Mean DJF extreme area (km²)



Ratio

