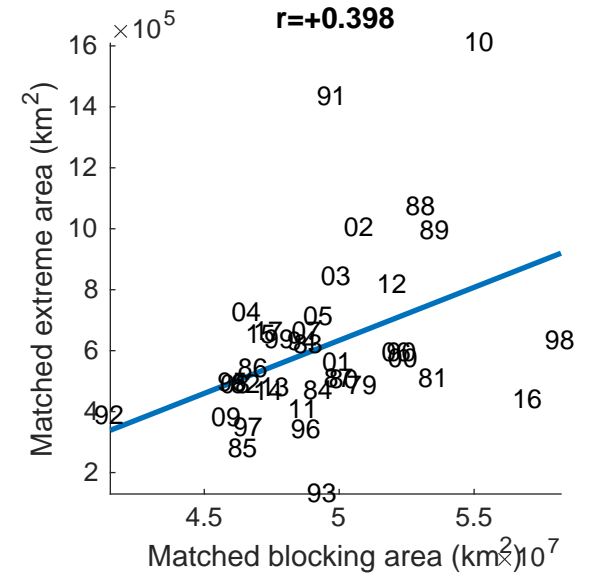
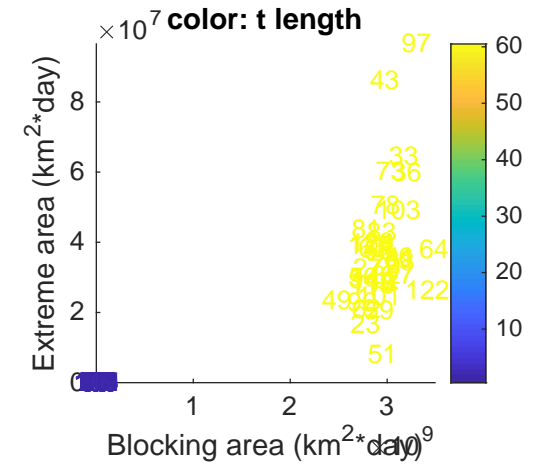
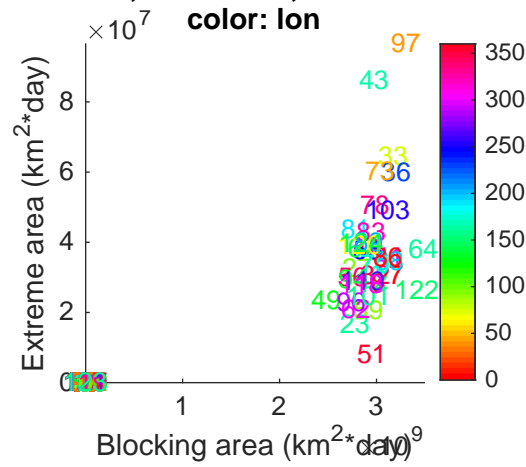
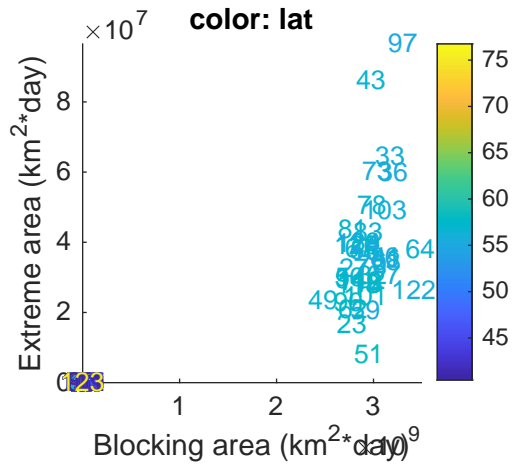
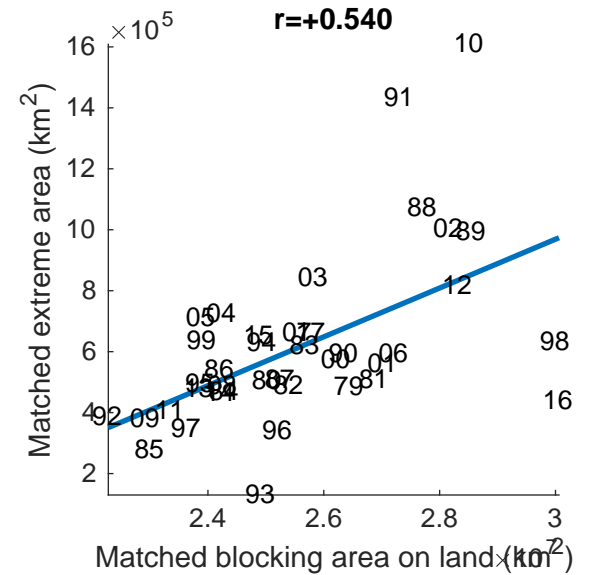
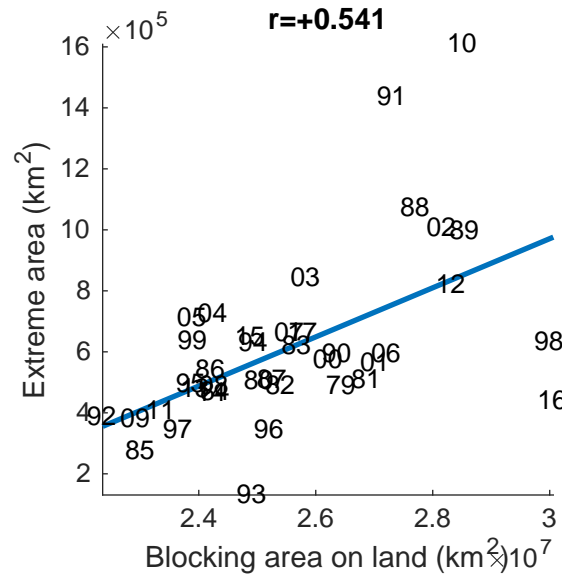
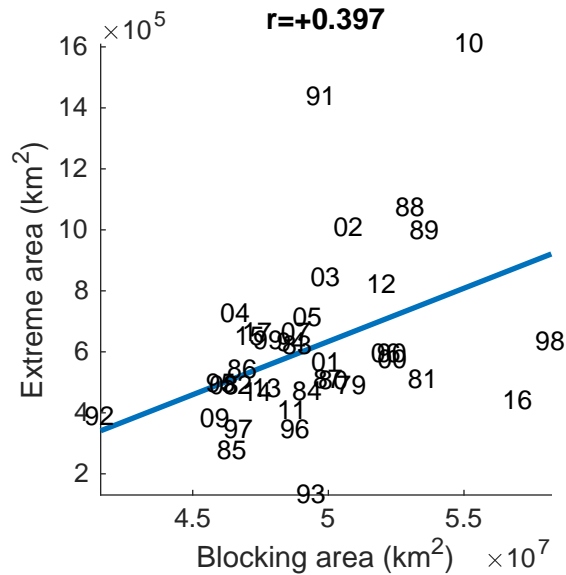
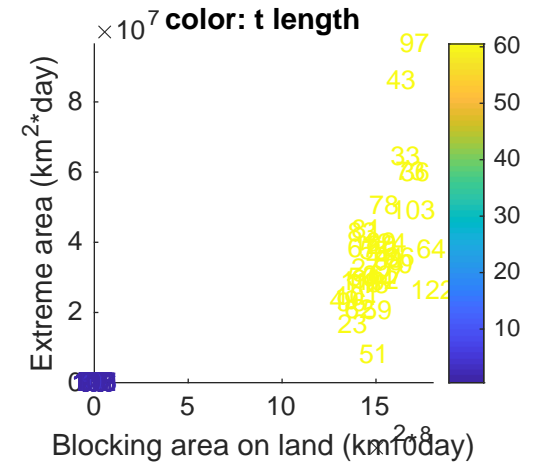
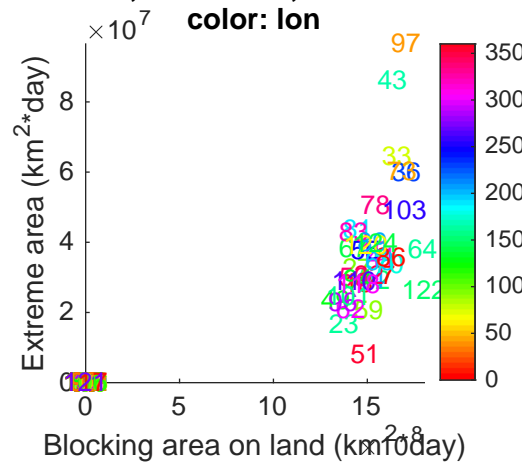
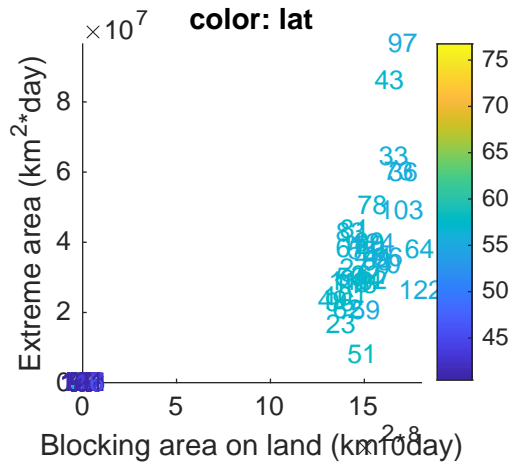


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
hot, frac=0.999, r=+0.887

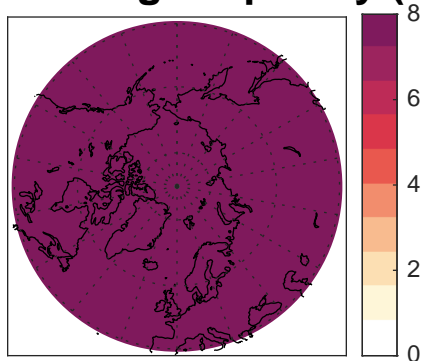


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
hot, frac=0.999, r=+0.895

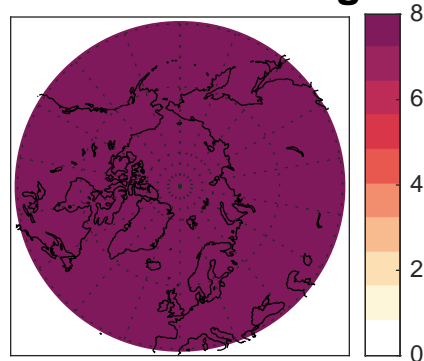


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr

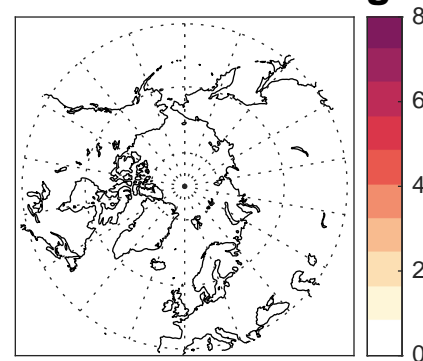
JJA blocking frequency (%)



matched blocking

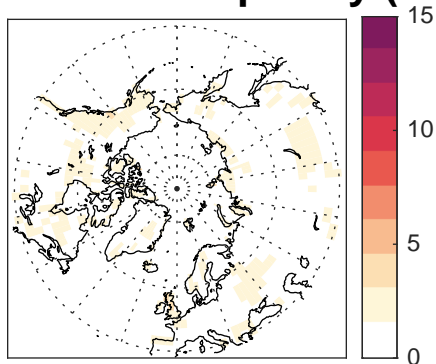


unmatched blocking

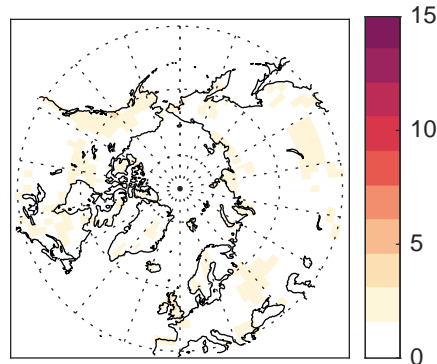


x918: Extreme, 15/15day*11yr, 2.3localstd 0K 50lat

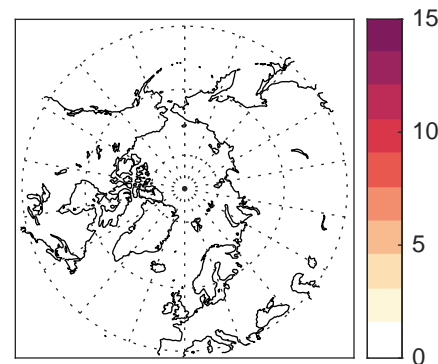
JJA extreme frequency (%)



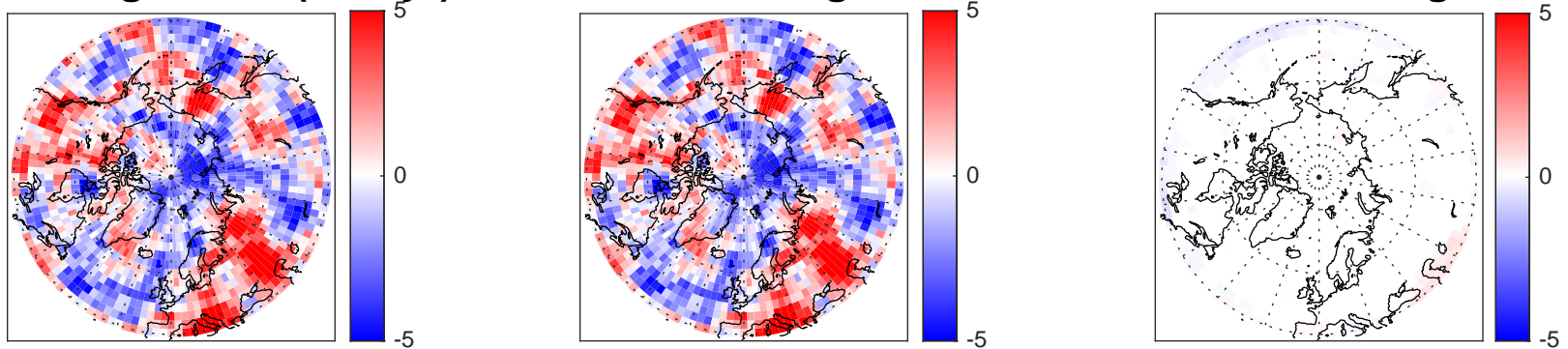
matched extreme



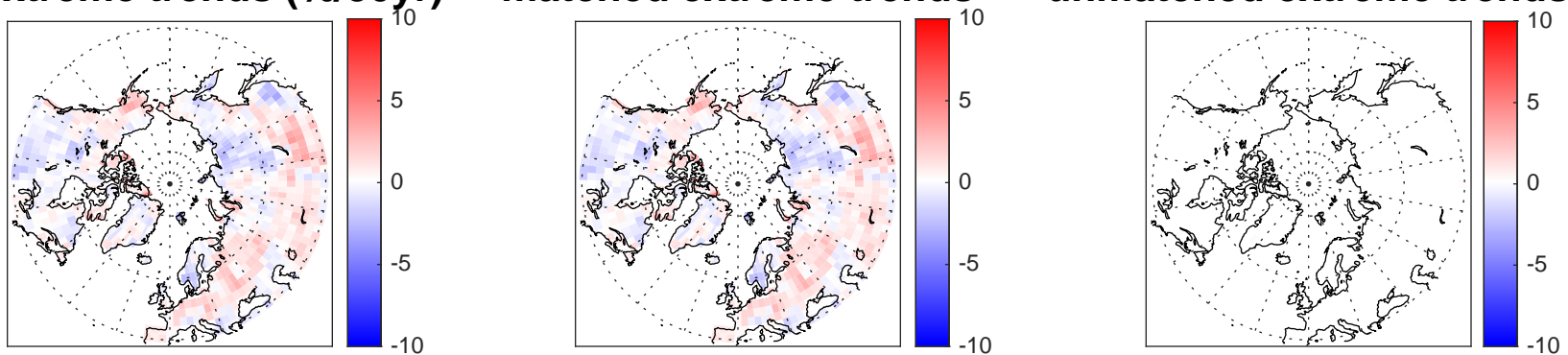
unmatched extreme

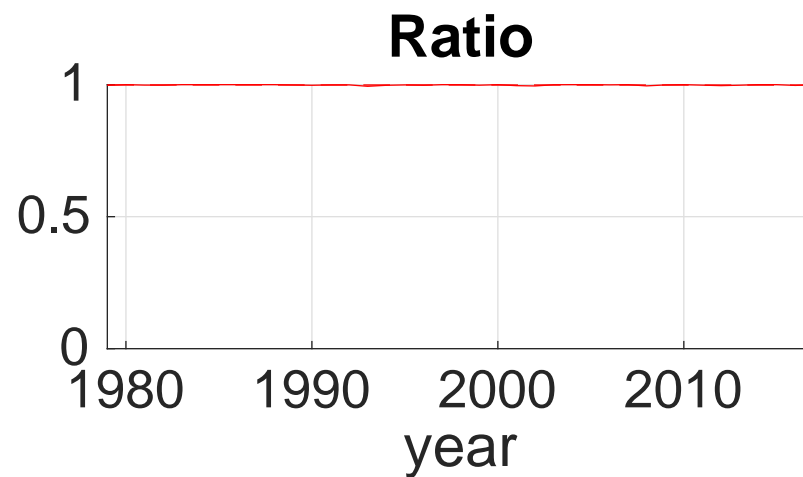
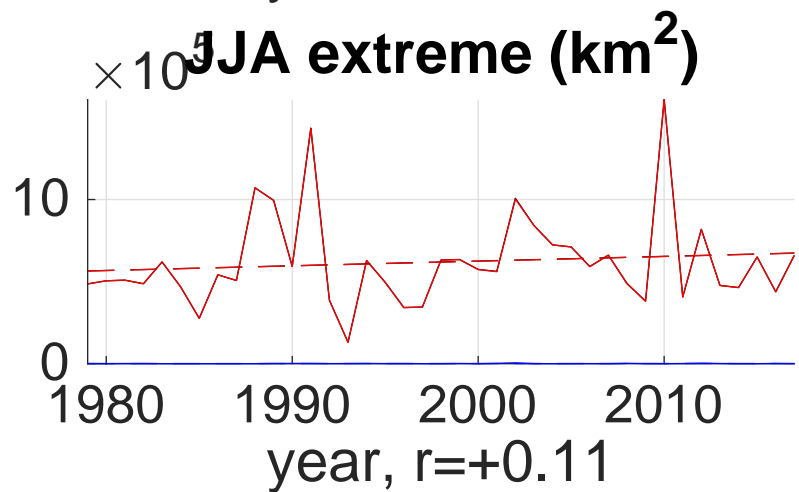
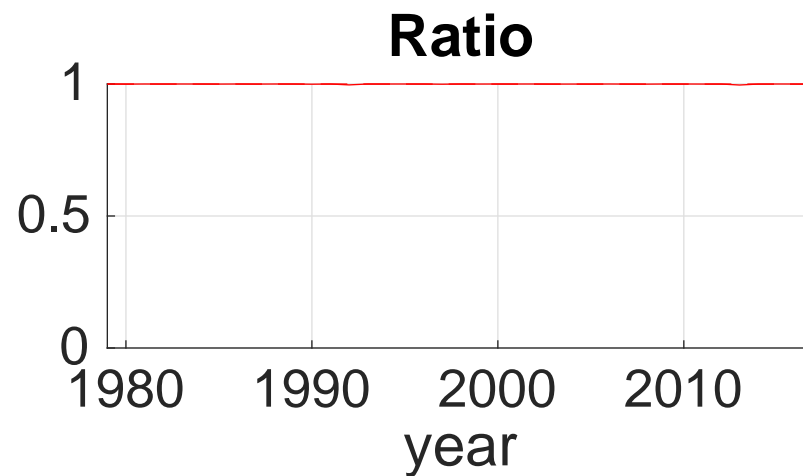
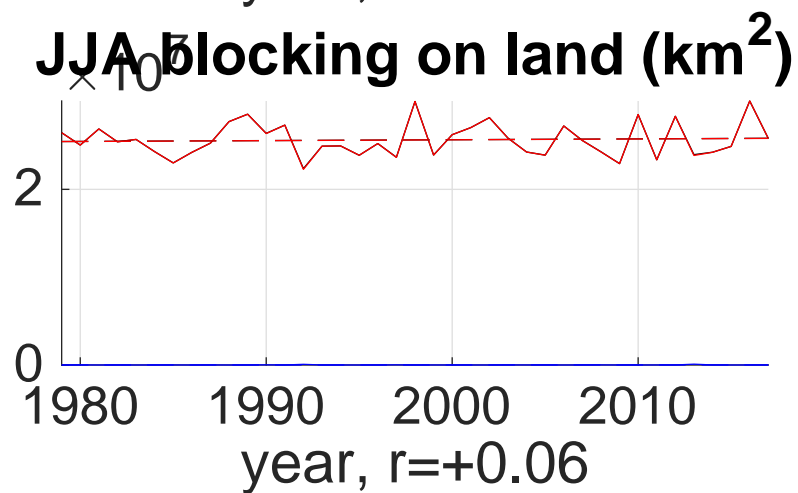
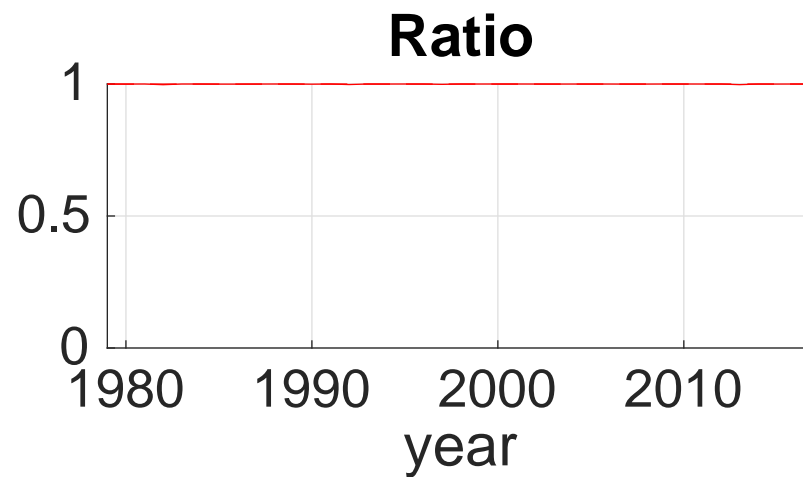
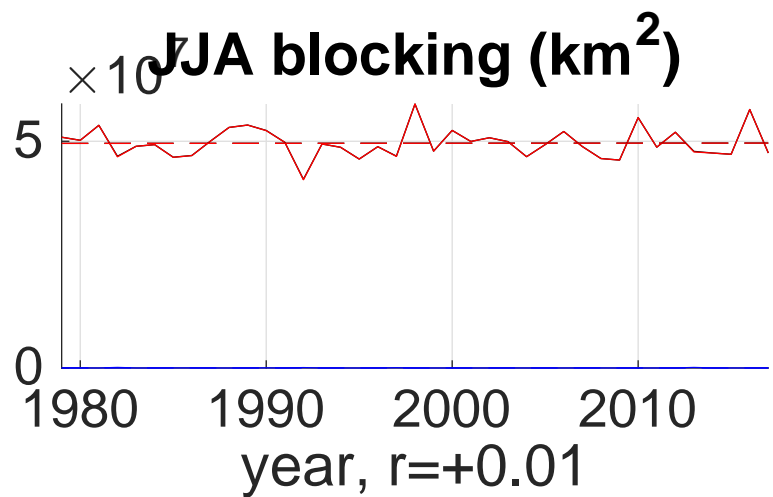


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
 JJA blocking trends (%/30yr) matched blocking trends unmatched blocking trends

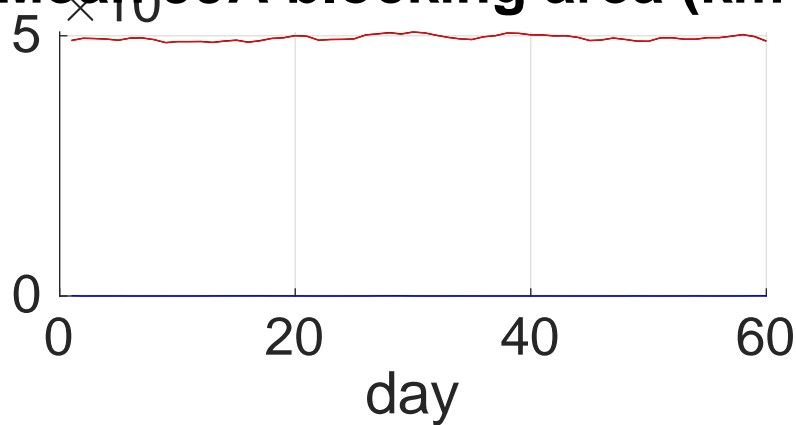


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
 JJA extreme trends (%/30yr) matched extreme trends unmatched extreme trends

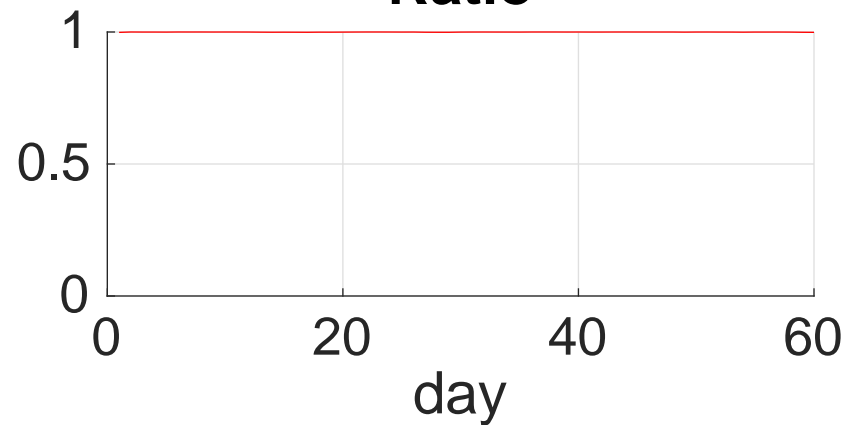




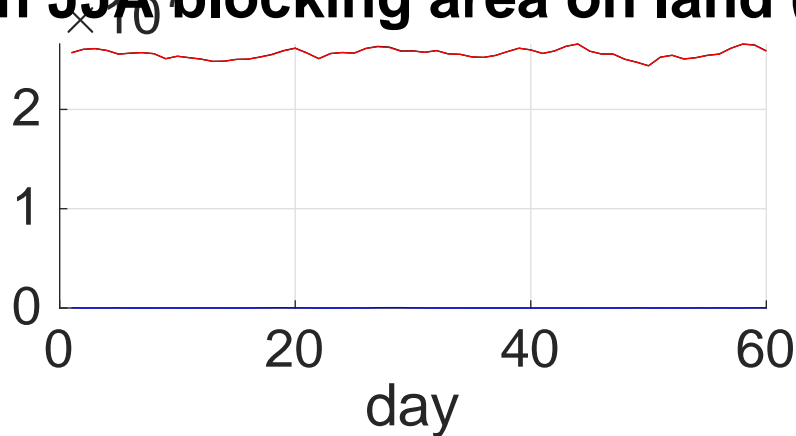
Mean JJA blocking area (km²)



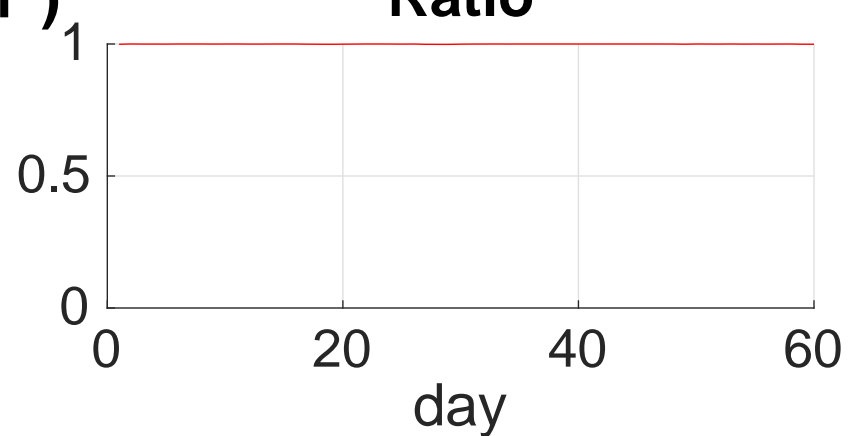
Ratio



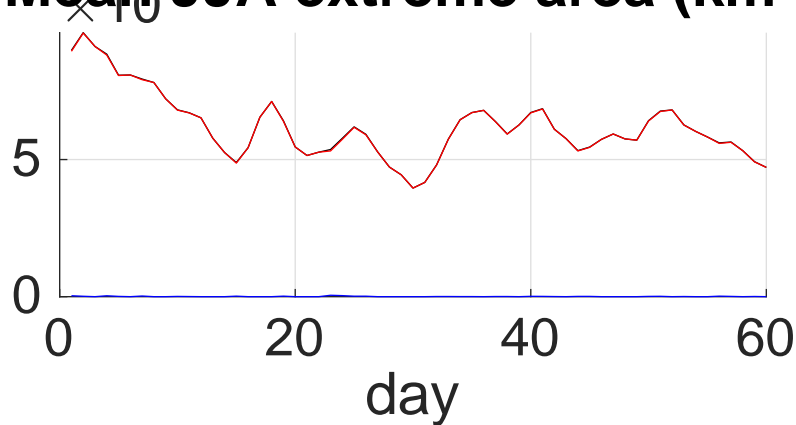
Mean JJA blocking area on land (km²)



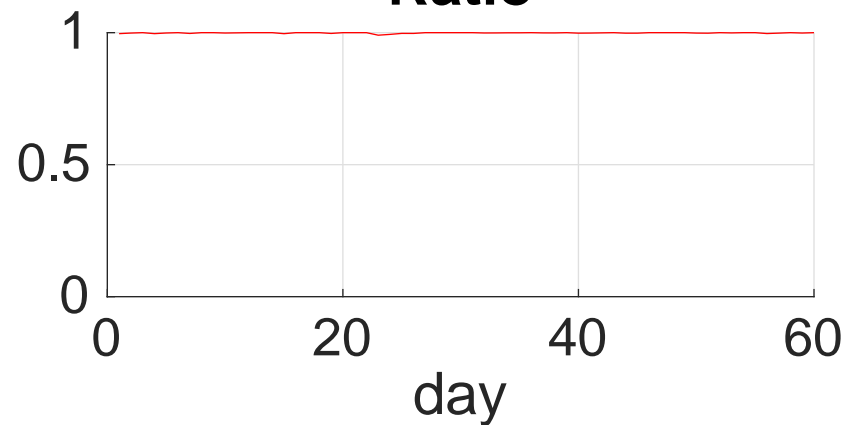
Ratio



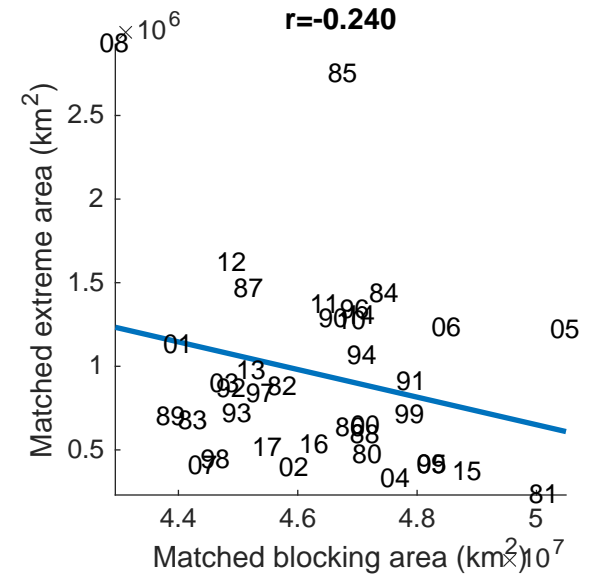
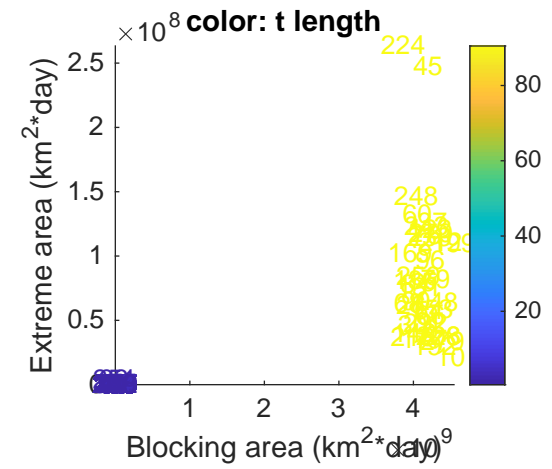
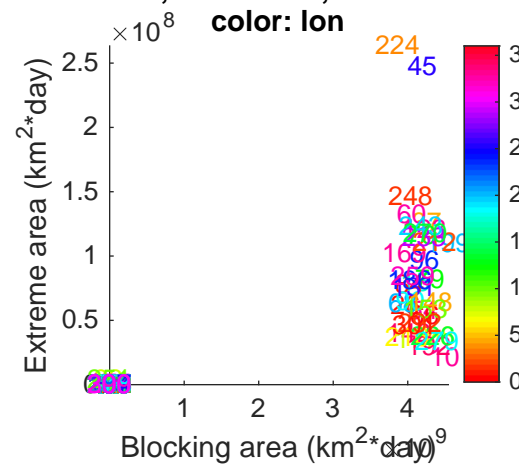
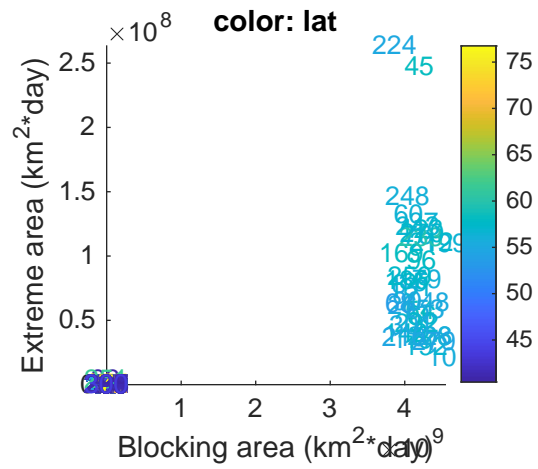
Mean JJA extreme area (km²)



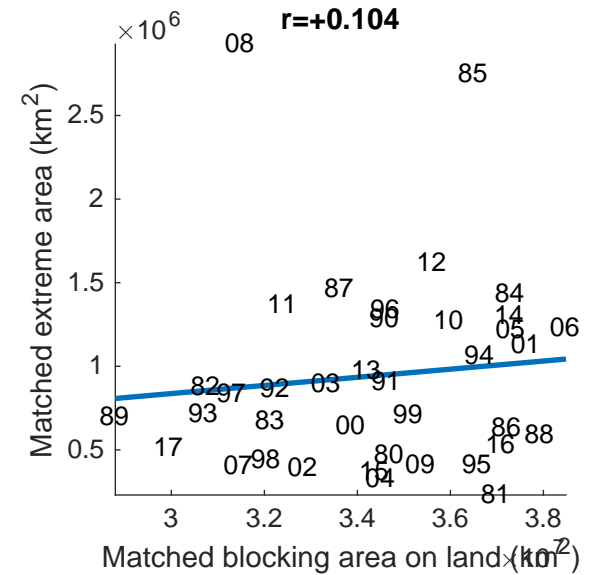
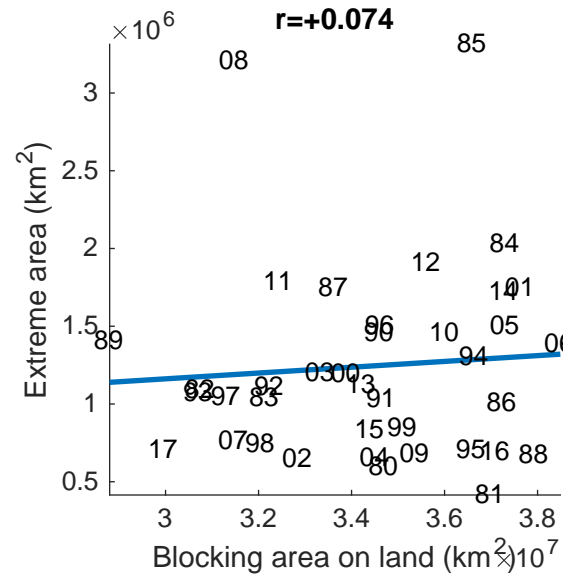
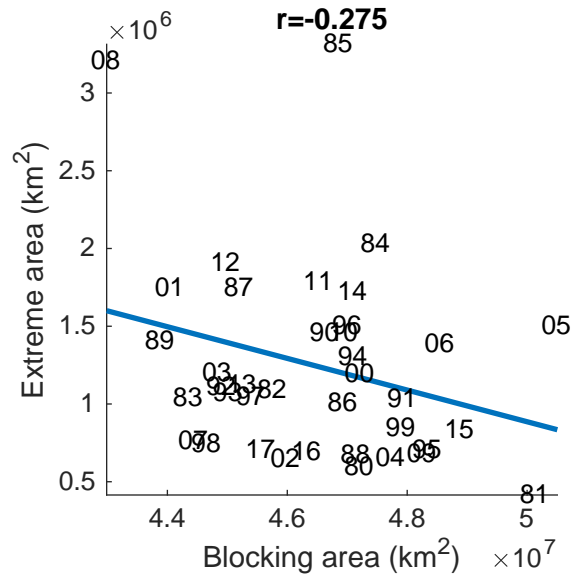
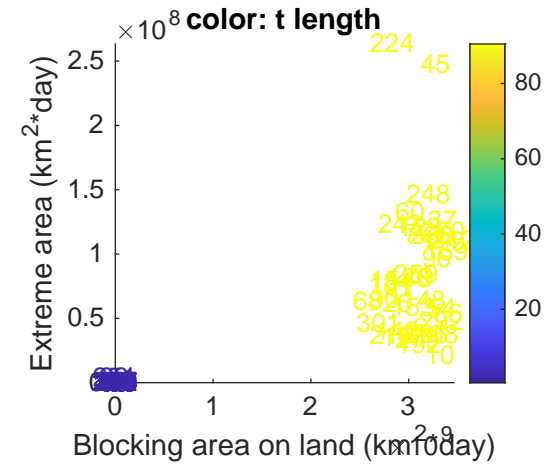
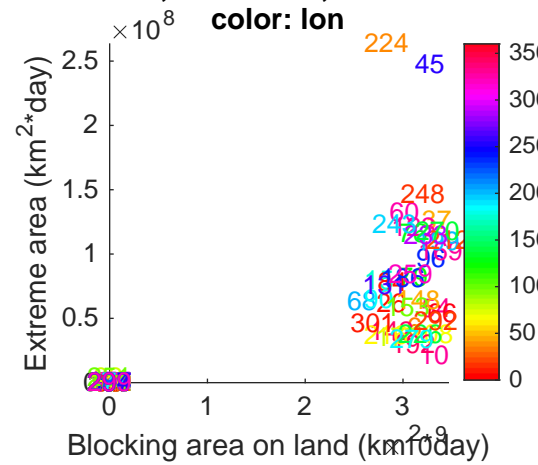
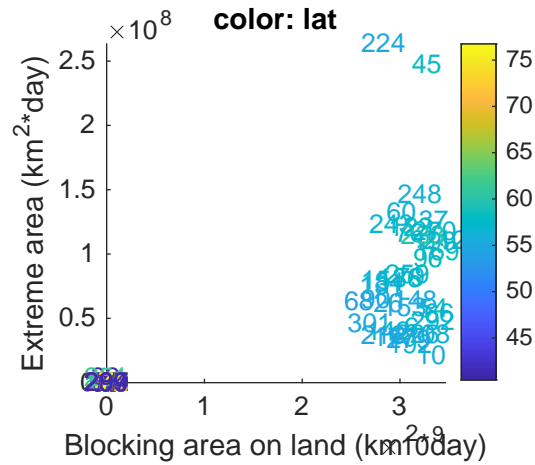
Ratio



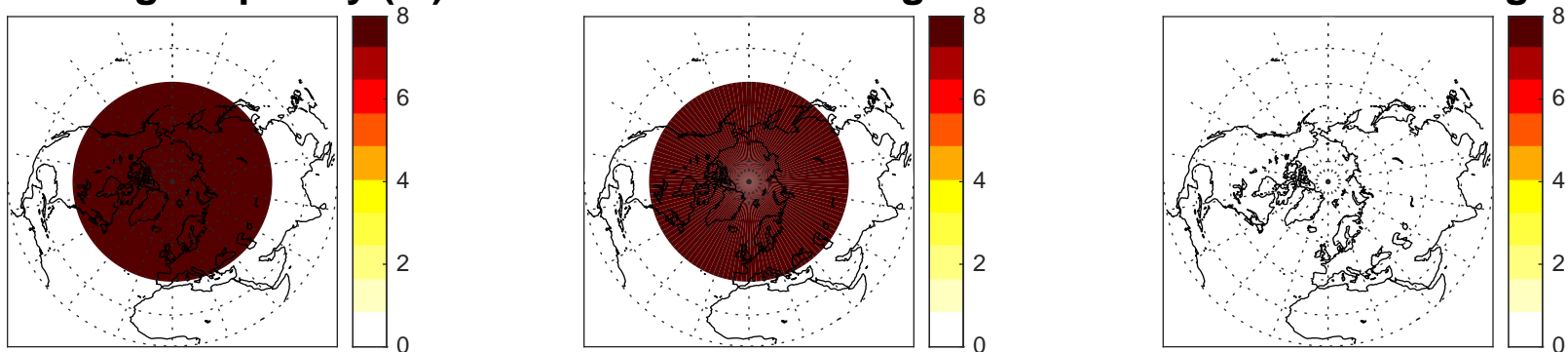
2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
cold, frac=0.759, r=+0.829



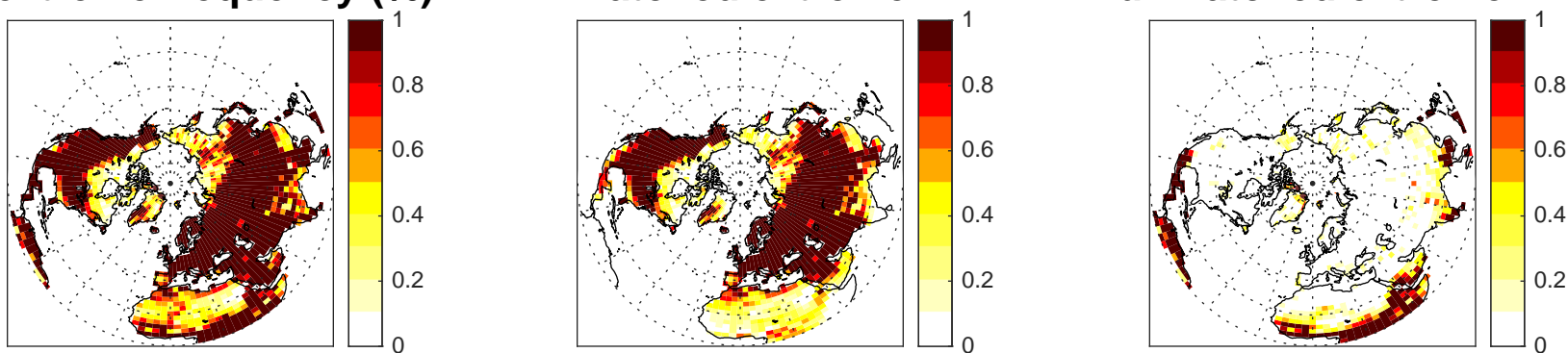
2a69: DG83, psi500, D=1,astd40-90N,S=1,A=0 15/15day*11yr
cold, frac=0.759, r=+0.837



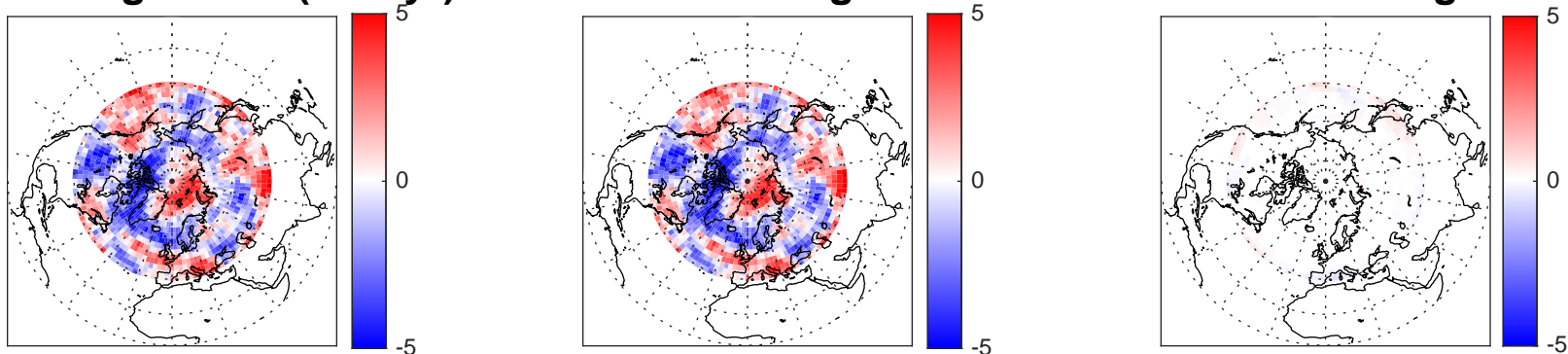
2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
DJF blocking frequency (%) **matched blocking** **unmatched blocking**



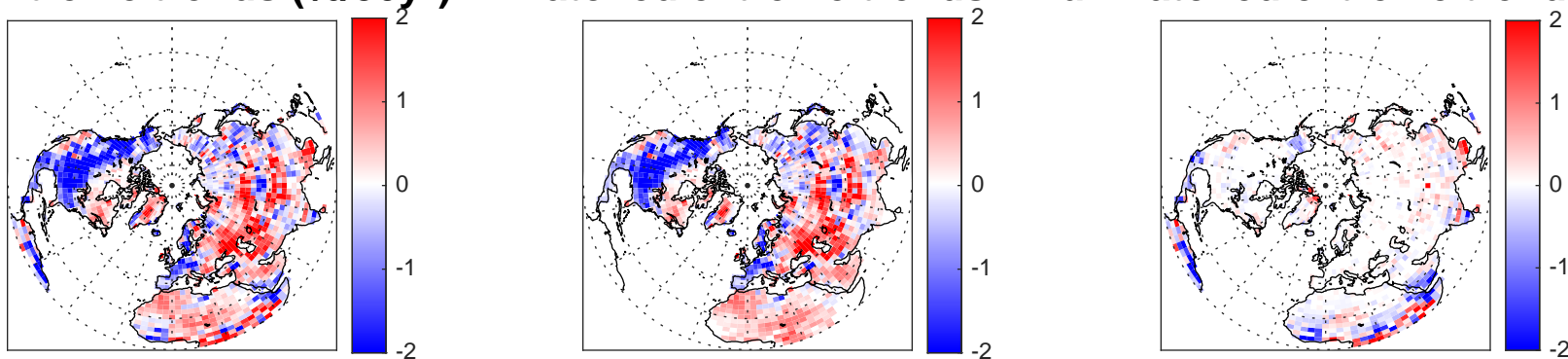
x918: Extreme, 15/15day*11yr, 2.3localstd 0K 50lat
DJF extreme frequency (%) **matched extreme** **unmatched extreme**

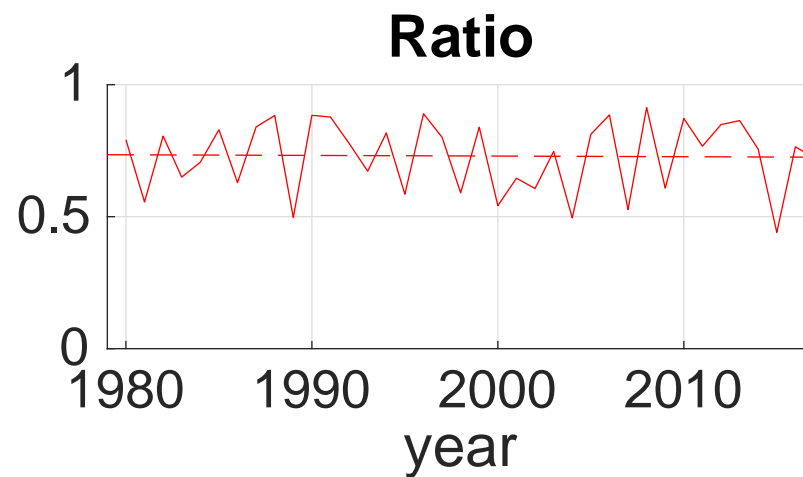
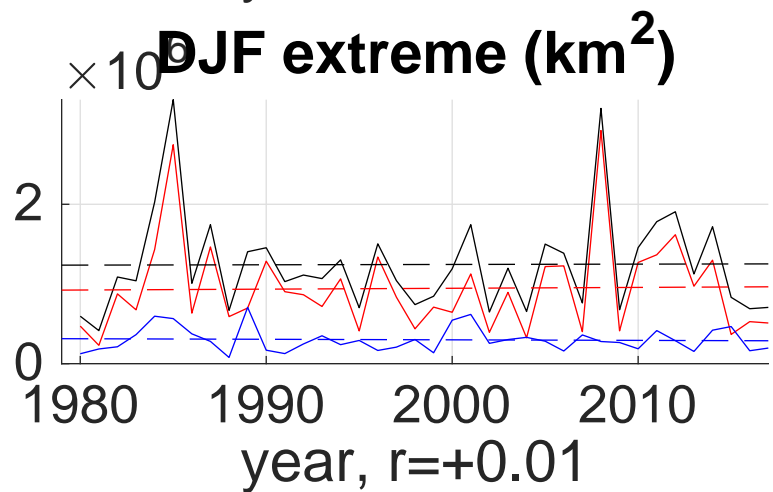
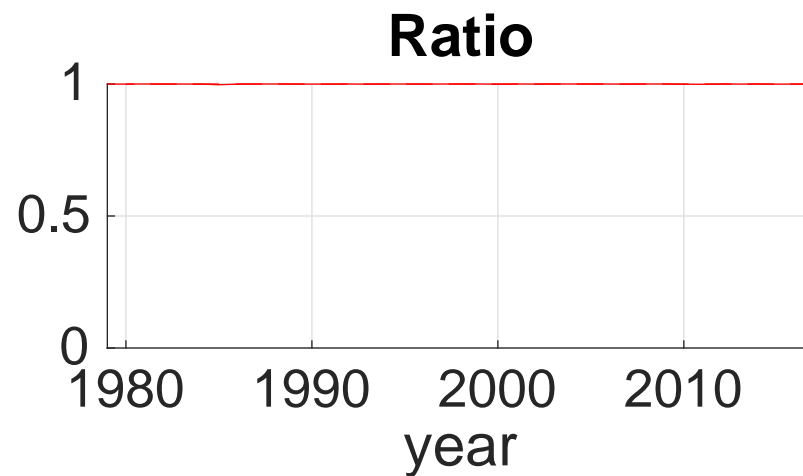
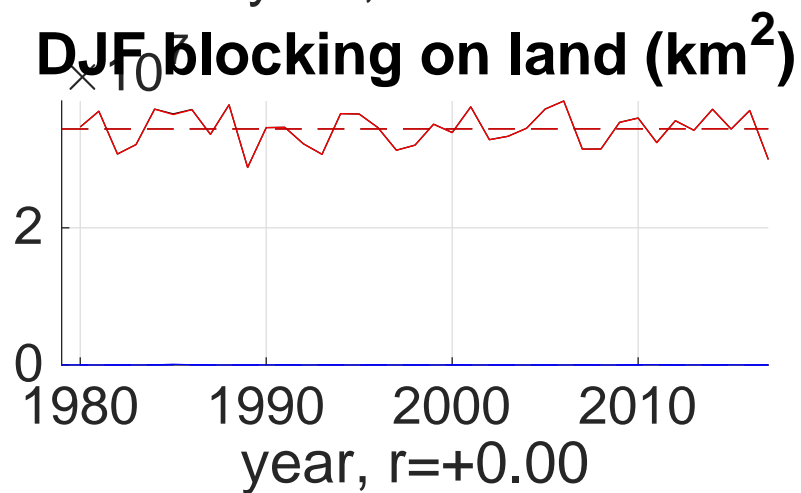
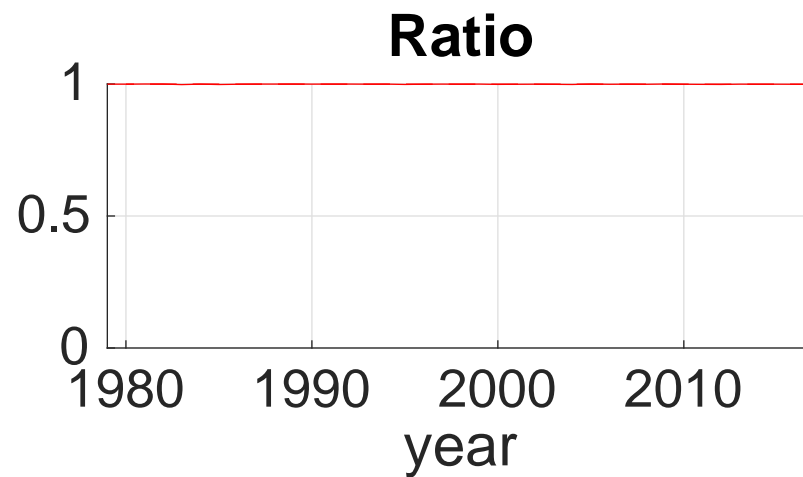
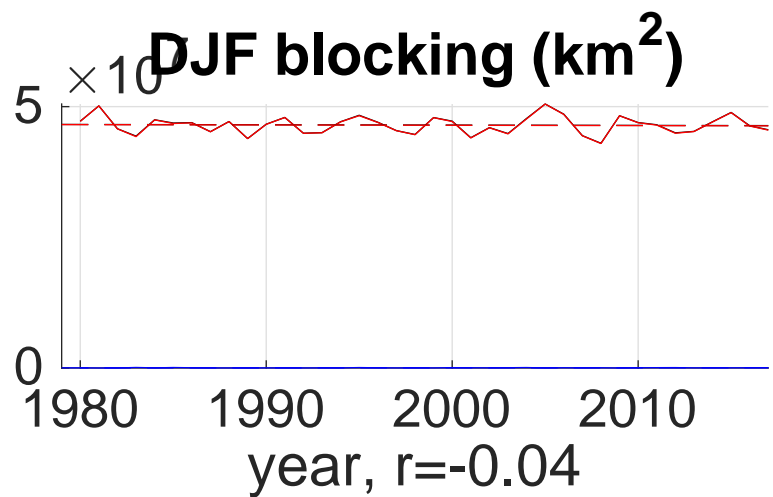


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
 DJF blocking trends (%/30yr) matched blocking trends unmatched blocking trends

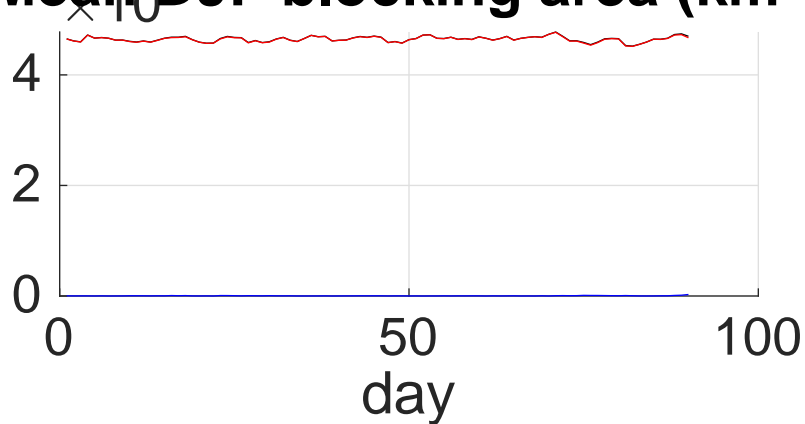


2a69: DG83, psi500, D=1, astd40-90N, S=1, A=0 15/15day*11yr
 DJF extreme trends (%/30yr) matched extreme trends unmatched extreme trends





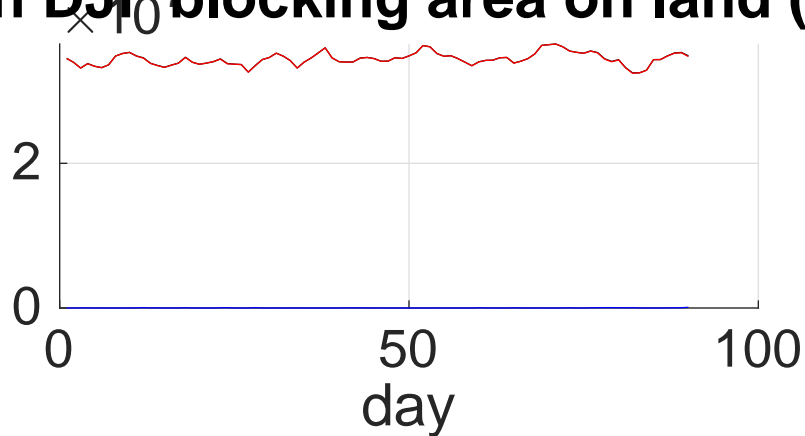
Mean DJF blocking area (km²)



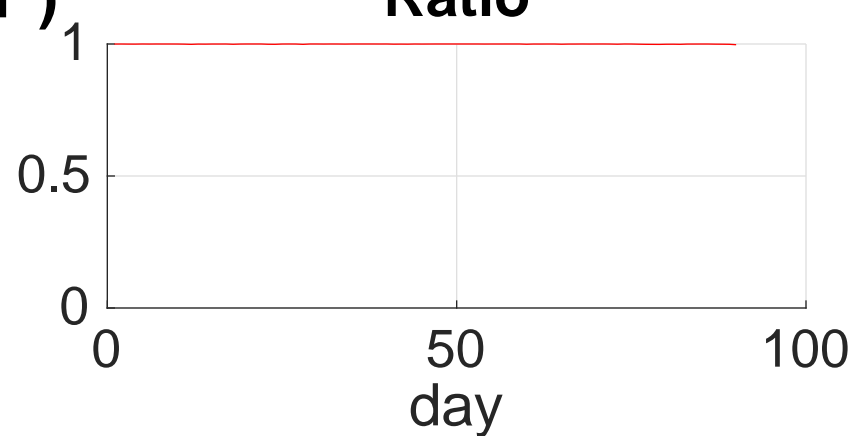
Ratio



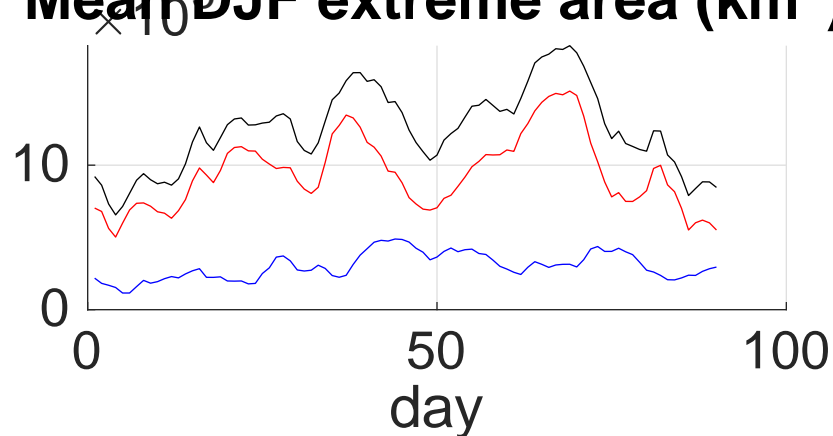
Mean DJF blocking area on land (km²)



Ratio



Mean DJF extreme area (km²)



Ratio

