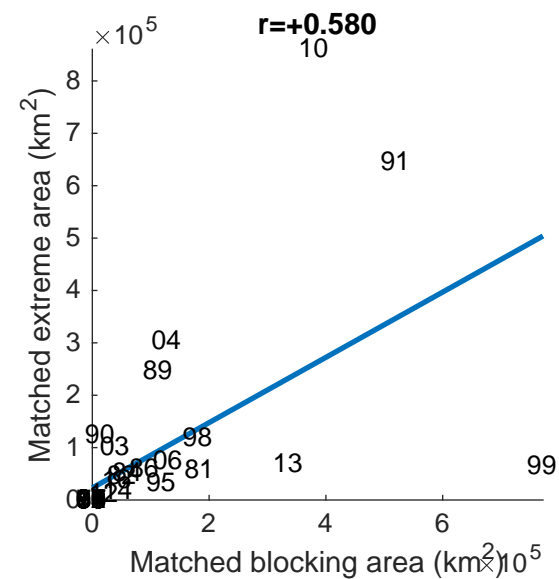
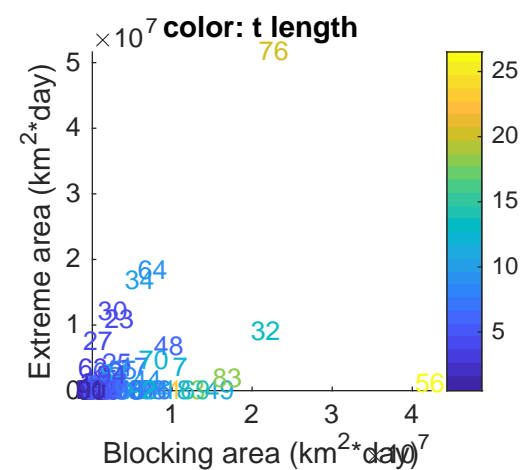
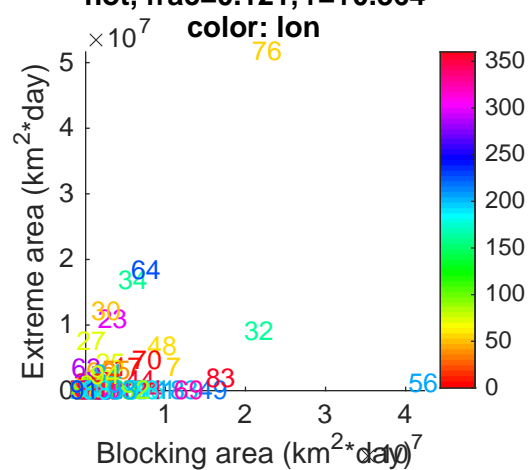
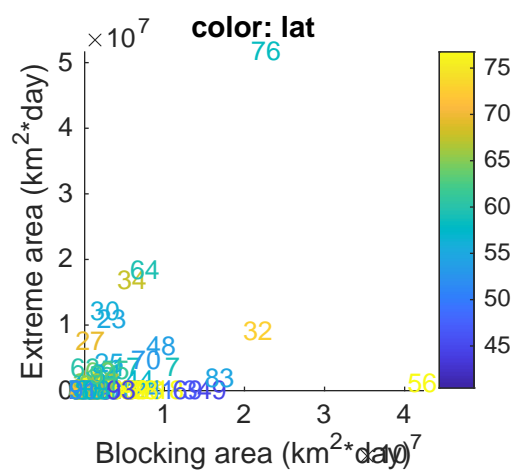
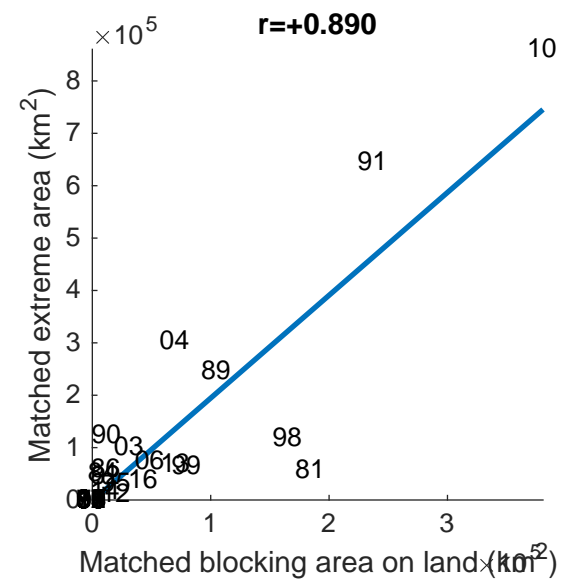
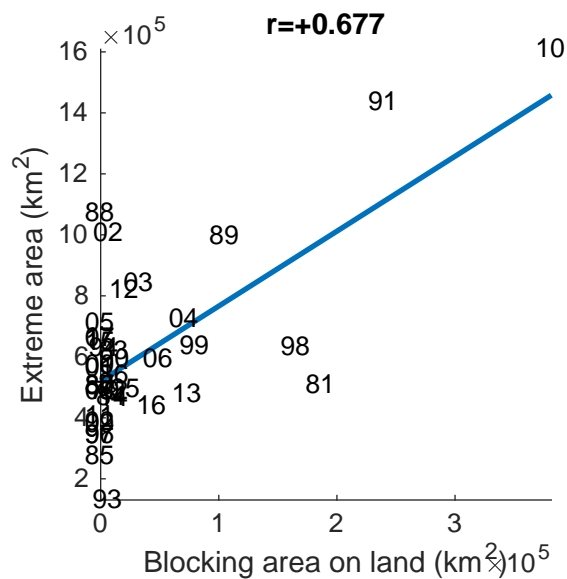
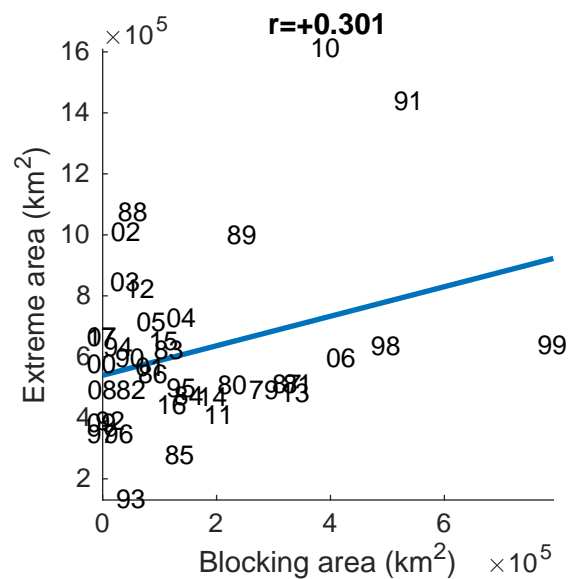
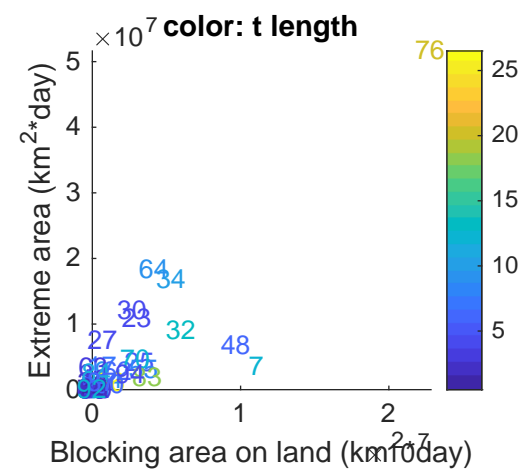
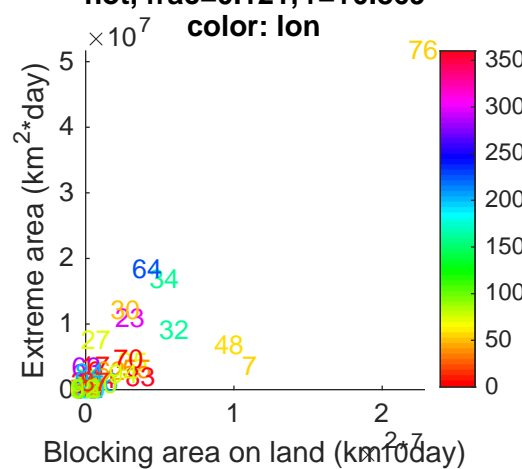
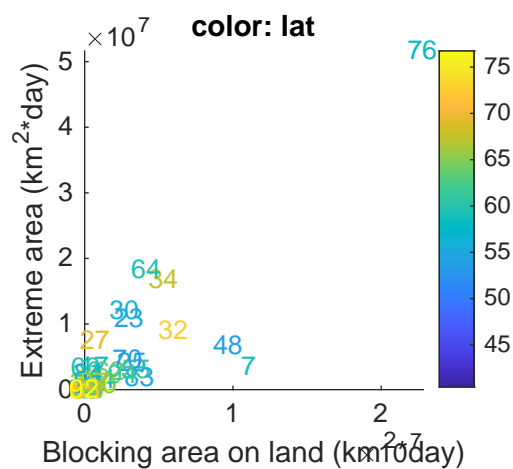


2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr  
hot, frac=0.121, r=+0.364

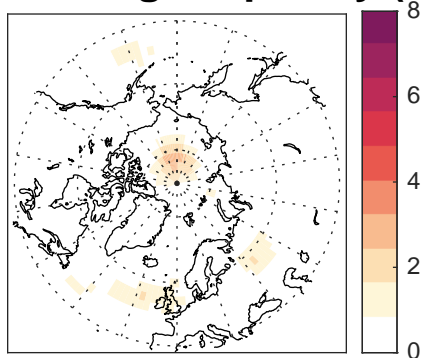


2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr  
hot, frac=0.121, r=+0.869

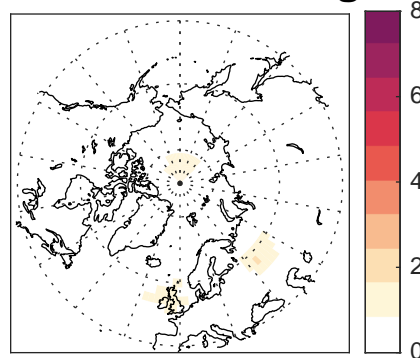


**2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr**

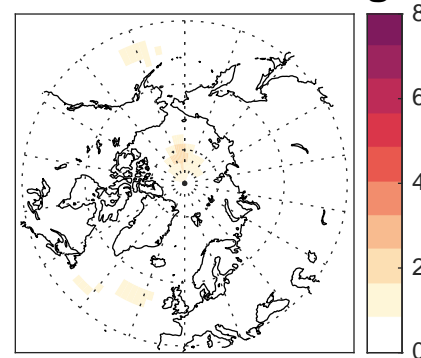
**JJA blocking frequency (%)**



**matched blocking**

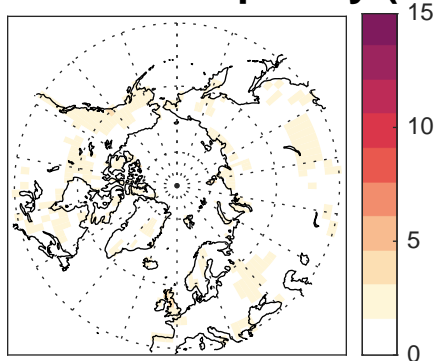


**unmatched blocking**

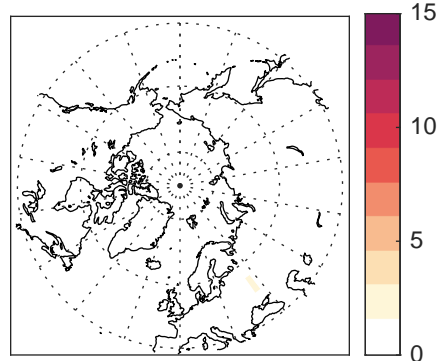


**x918: Extreme, 15/15day\*11yr, 2.3localstd 0K 50lat**

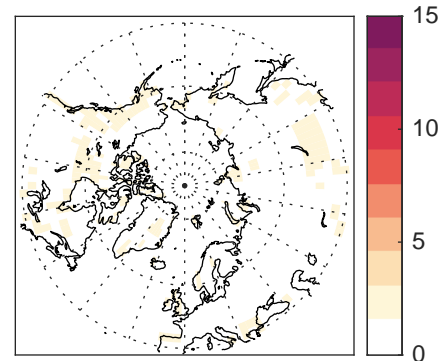
**JJA extreme frequency (%)**



**matched extreme**

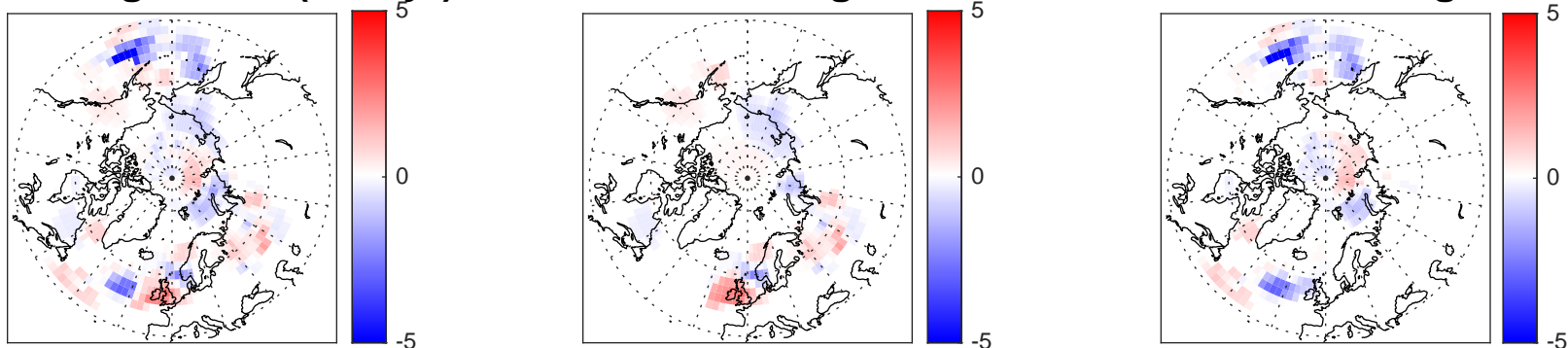


**unmatched extreme**



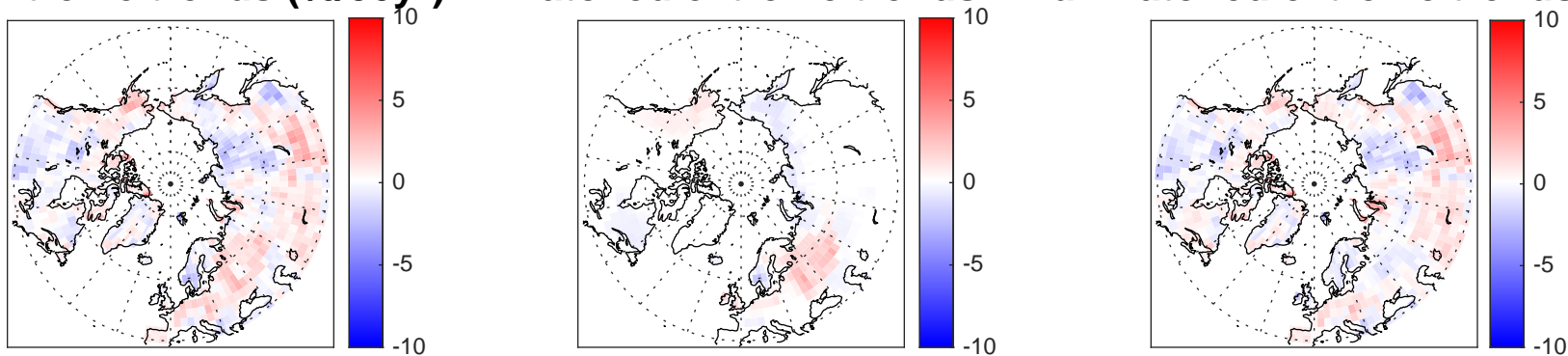
2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr

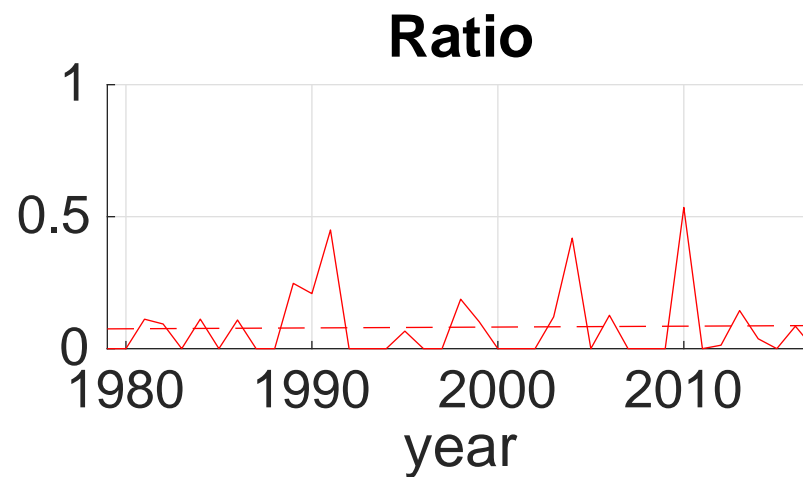
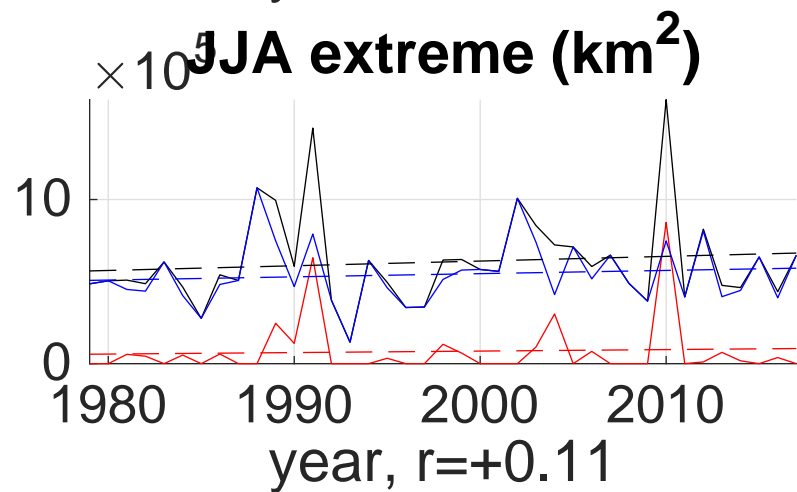
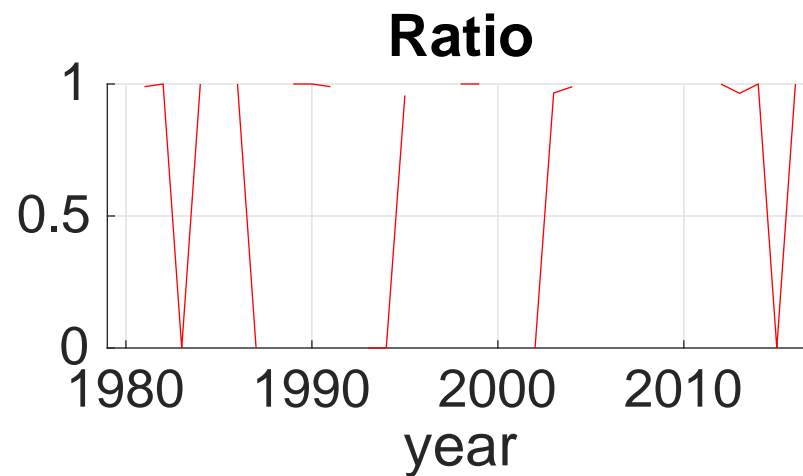
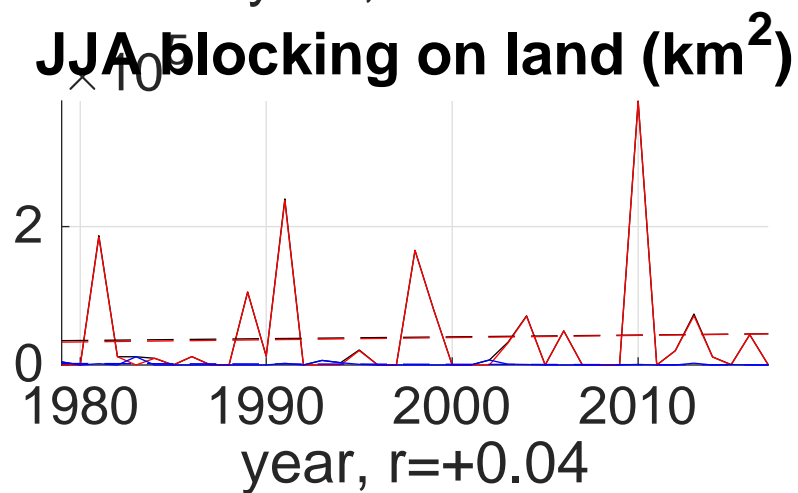
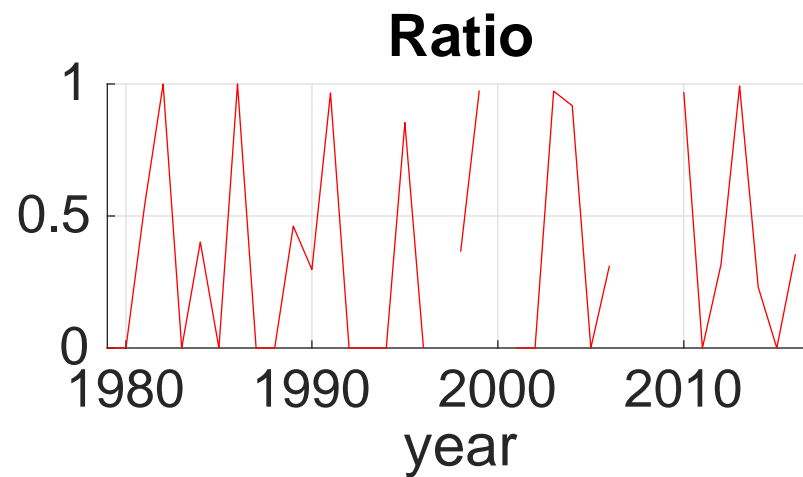
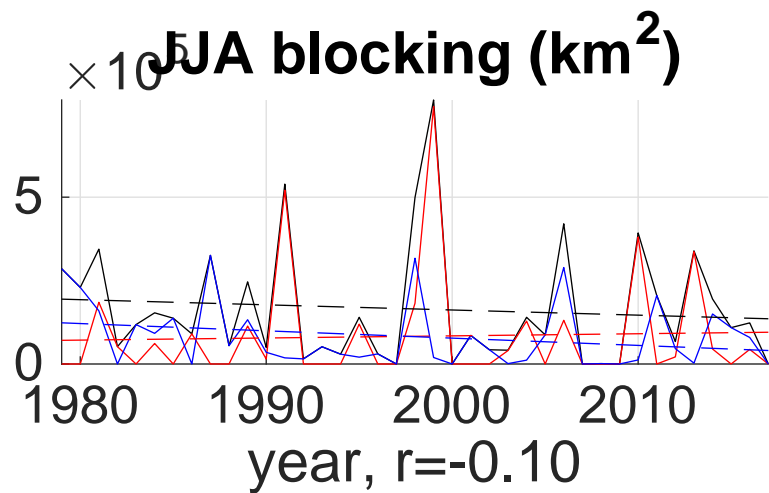
JJA blocking trends (%/30yr)    matched blocking trends    unmatched blocking trends



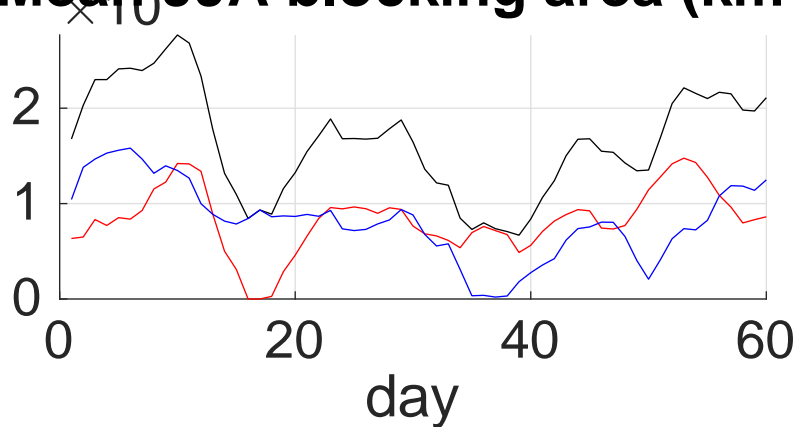
2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr

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

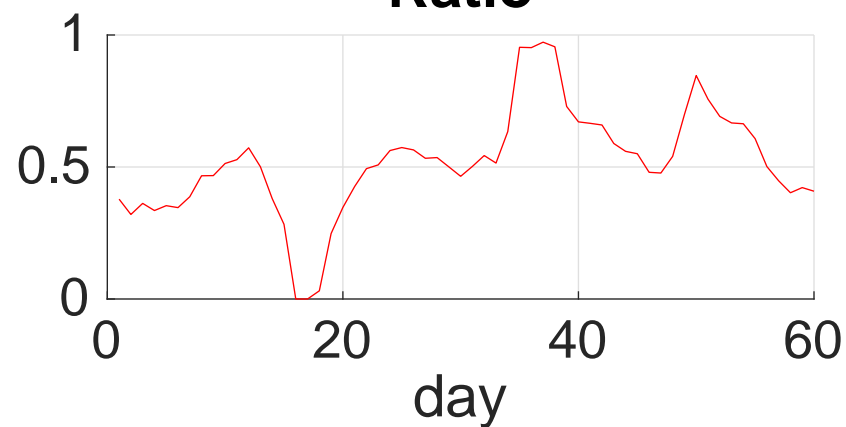




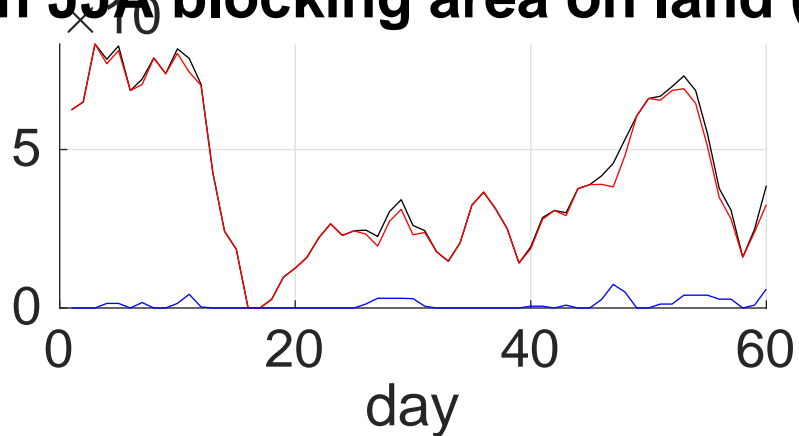
**Mean JJA blocking area (km<sup>2</sup>)**



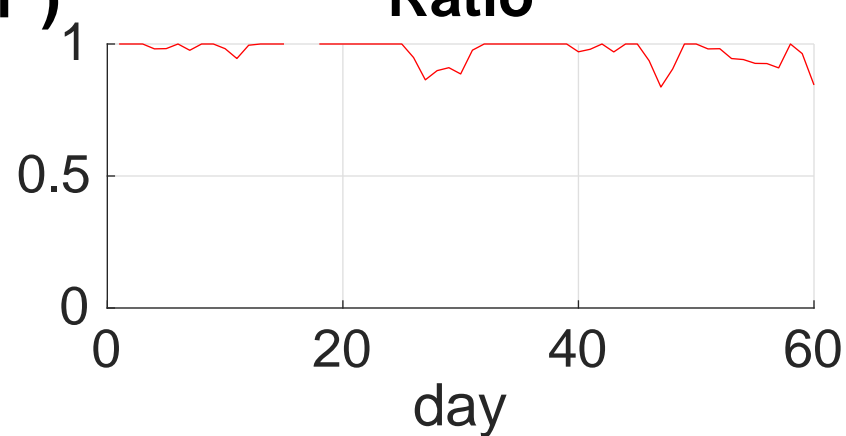
**Ratio**



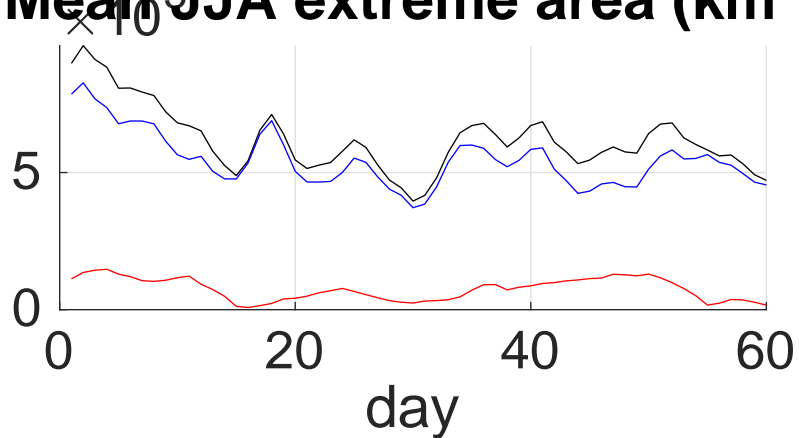
**Mean JJA blocking area on land (km<sup>2</sup>)**



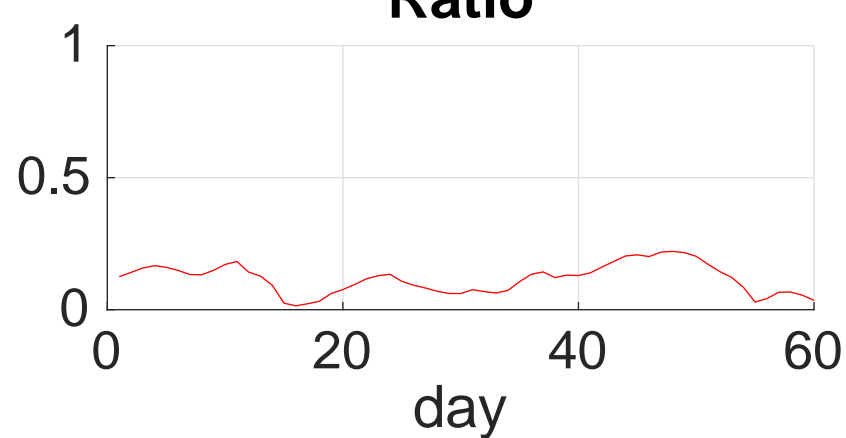
**Ratio**



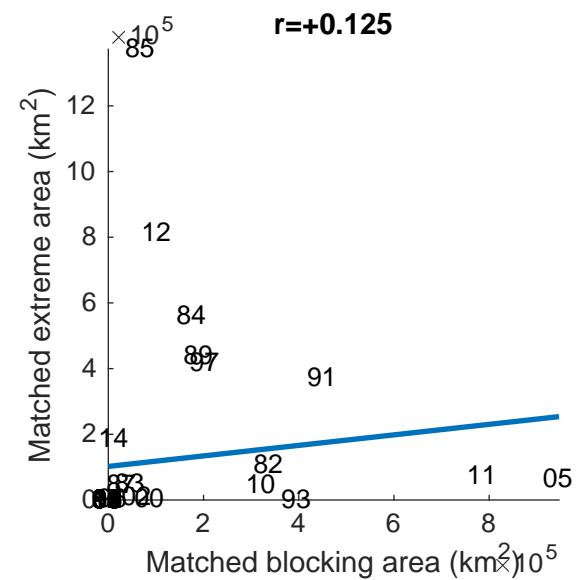
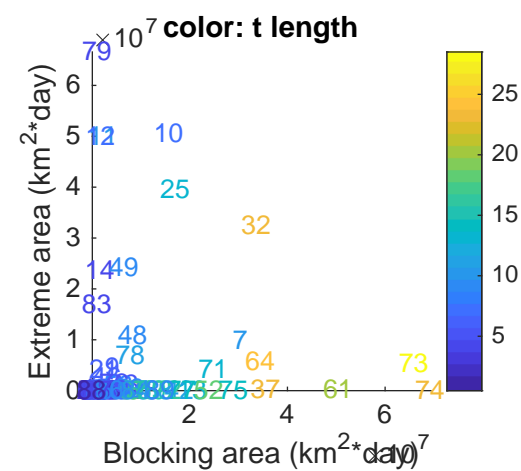
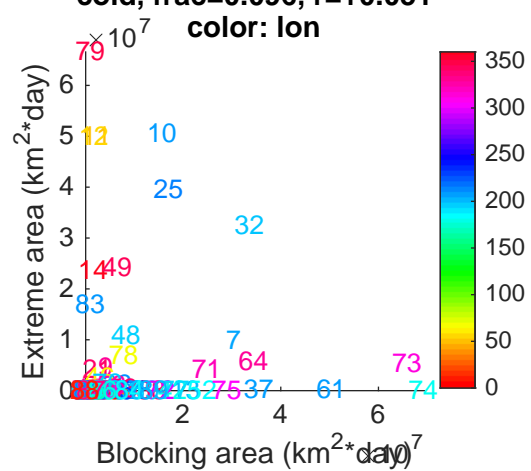
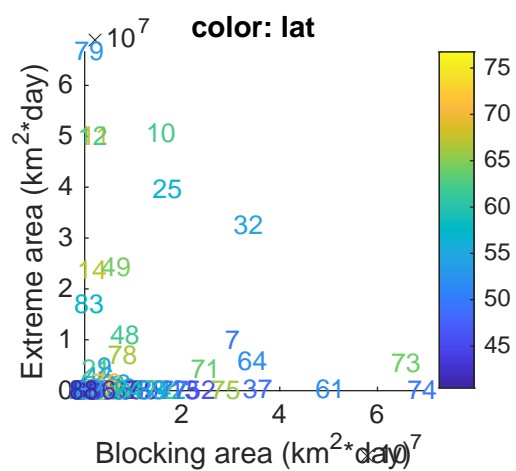
**Mean JJA extreme area (km<sup>2</sup>)**



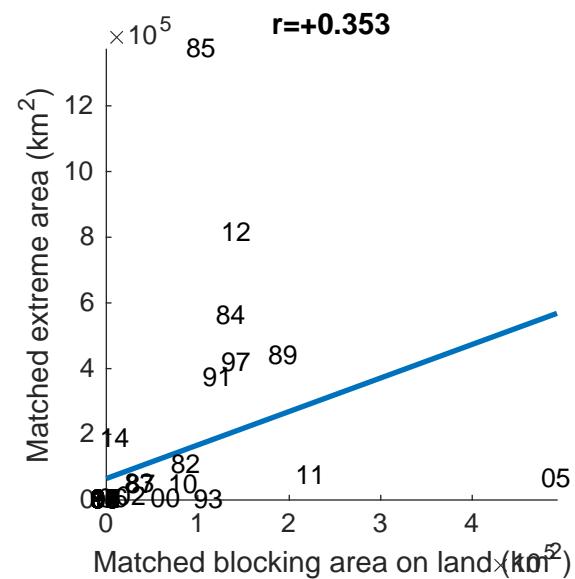
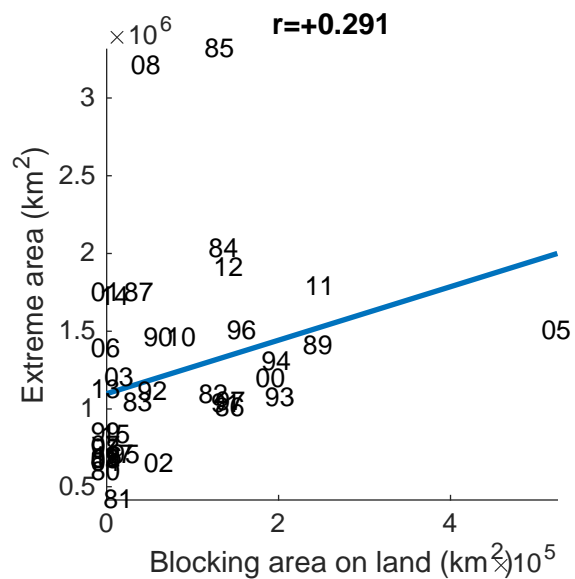
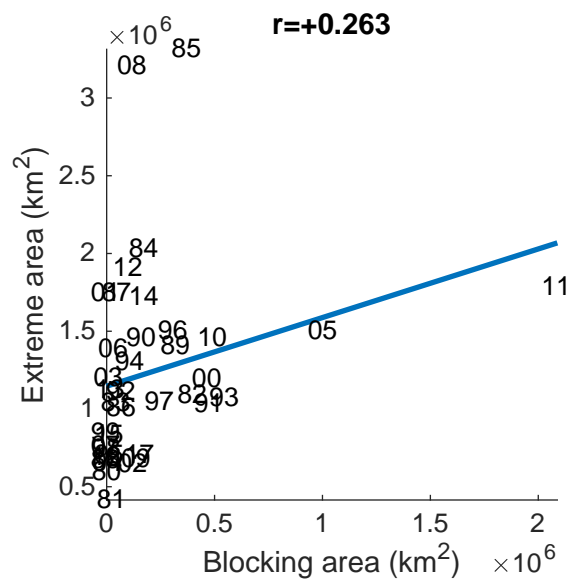
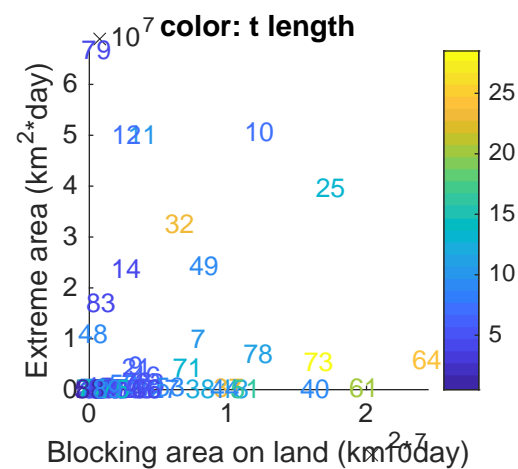
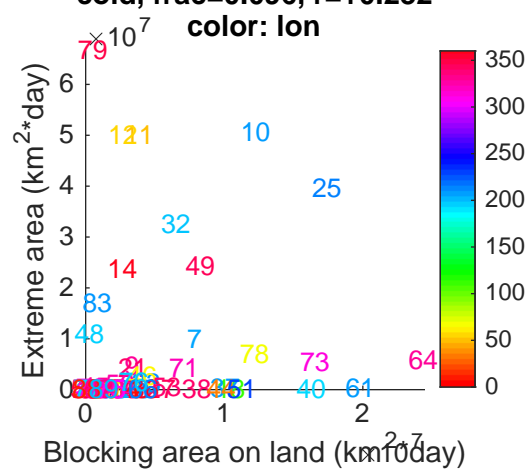
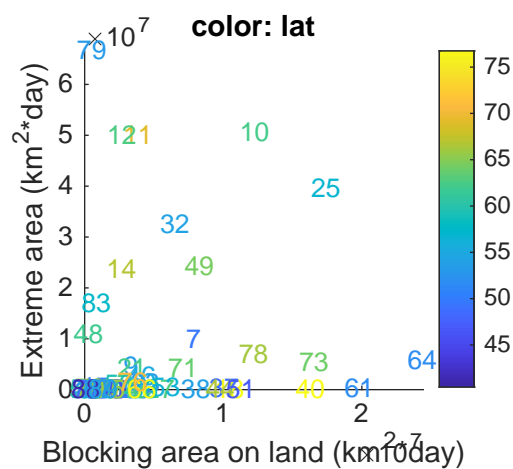
**Ratio**



**2a74: H14, psi500, prst=0.88,astd40-90N,S=1,A=3 15/15day\*11yr  
cold, frac=0.096, r=+0.051**



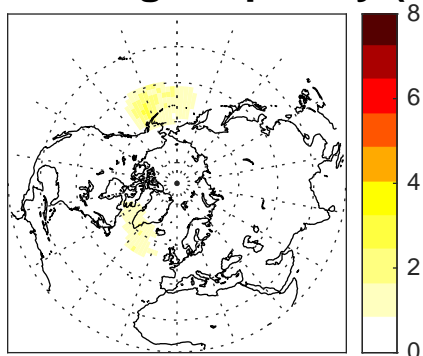
**2a74: H14, psi500, prst=0.88,astd40-90N,S=1,A=3 15/15day\*11yr  
cold, frac=0.096, r=+0.232**



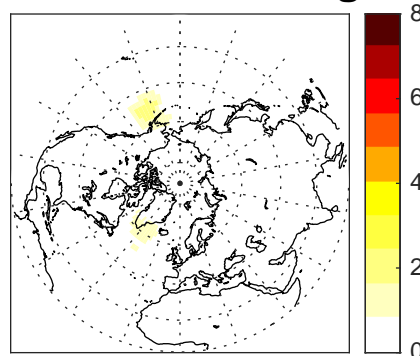


**2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr**

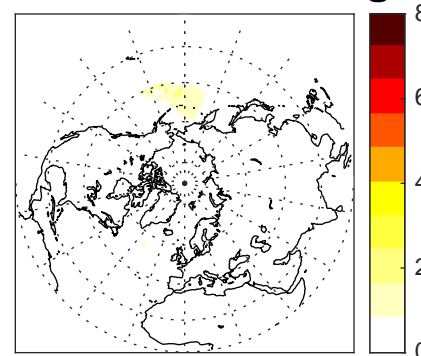
**DJF blocking frequency (%)**



**matched blocking**

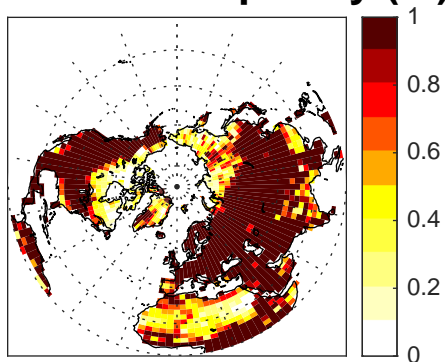


**unmatched blocking**

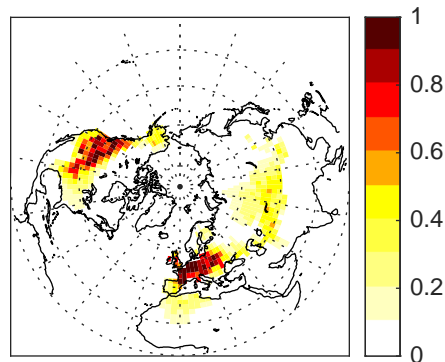


**x918: Extreme, 15/15day\*11yr, 2.3localstd 0K 50lat**

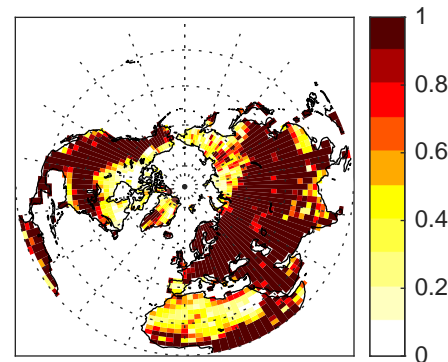
**DJF extreme frequency (%)**



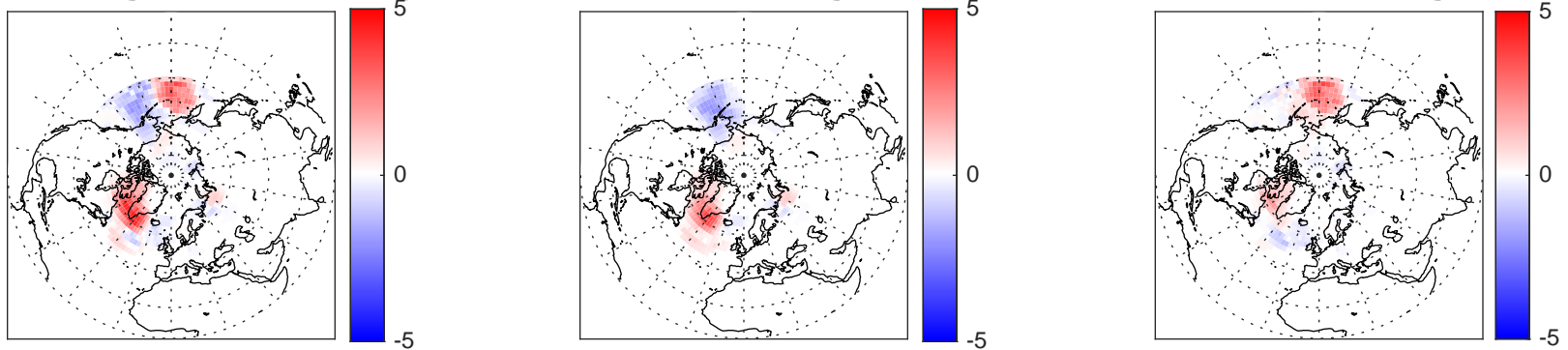
**matched extreme**



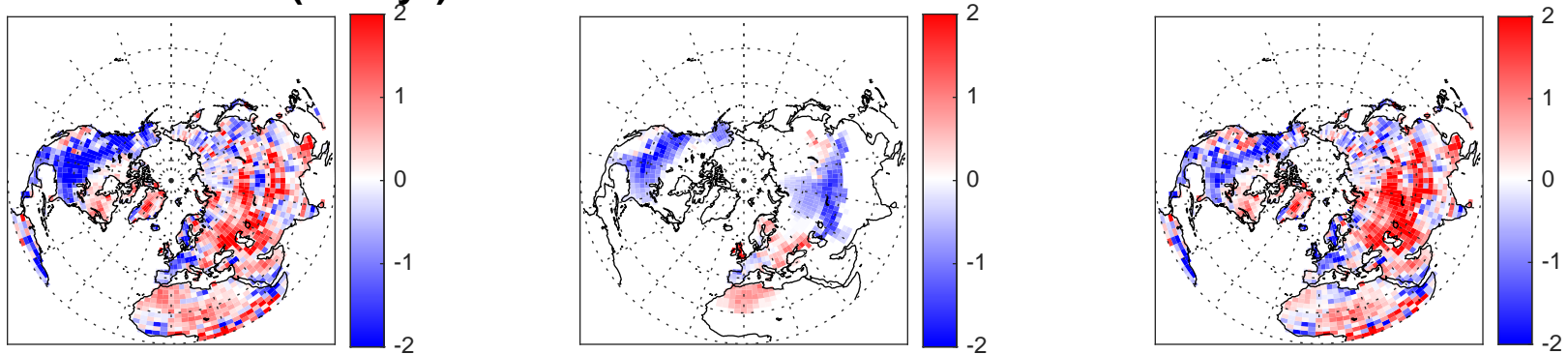
**unmatched extreme**

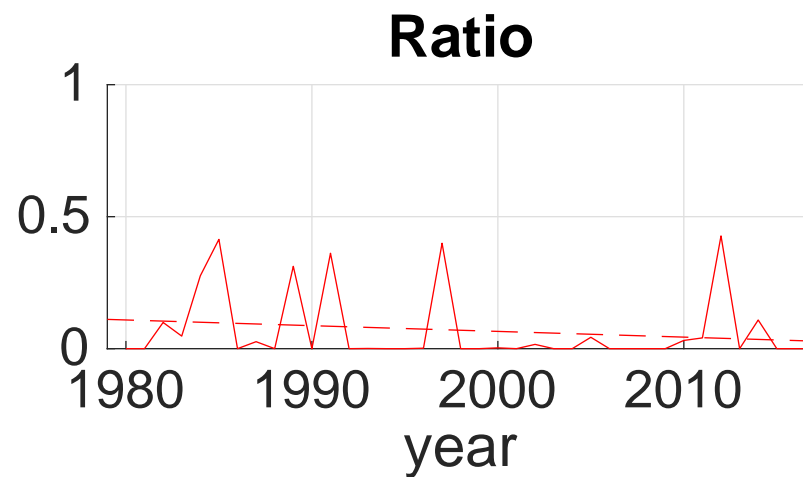
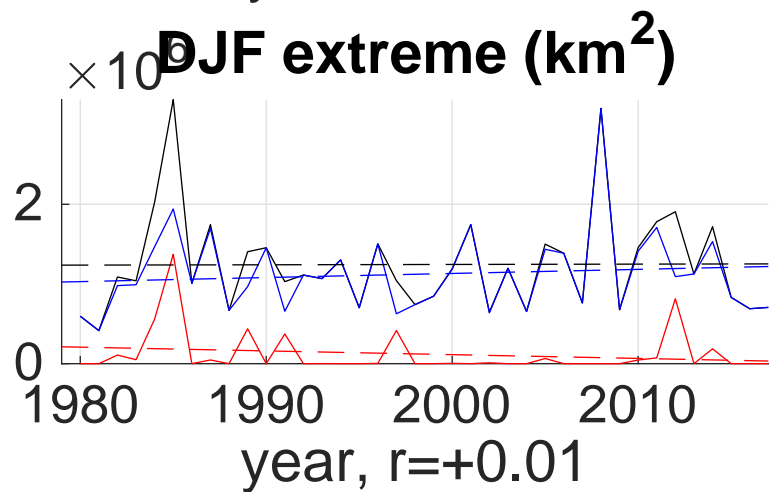
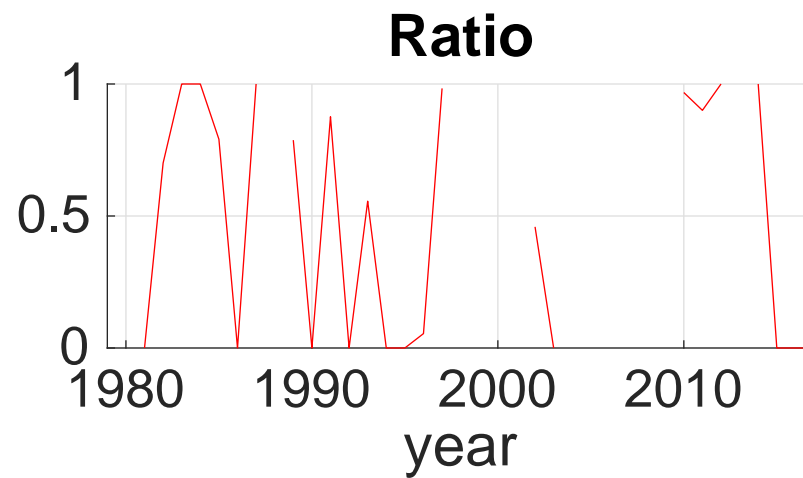
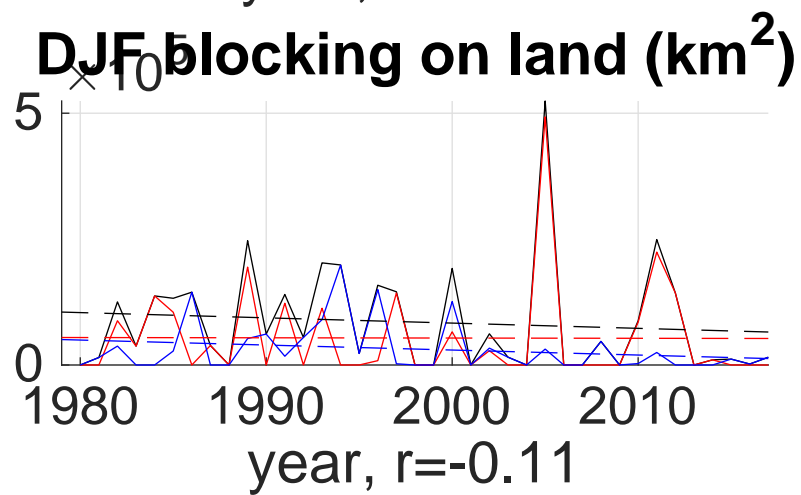
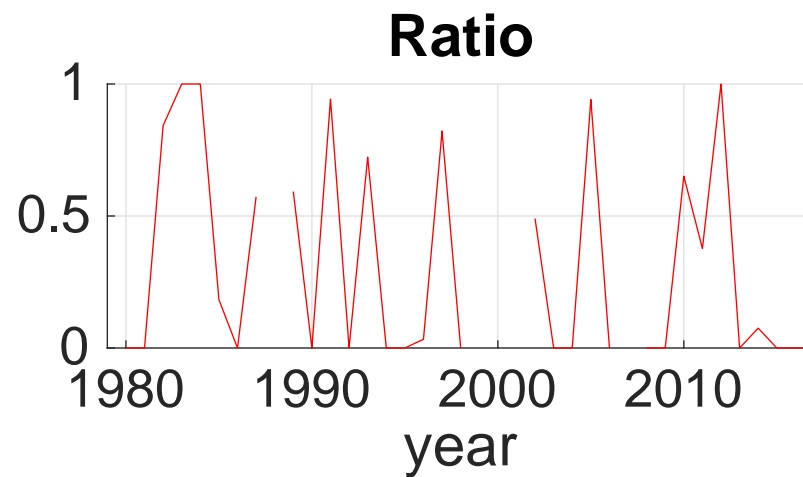
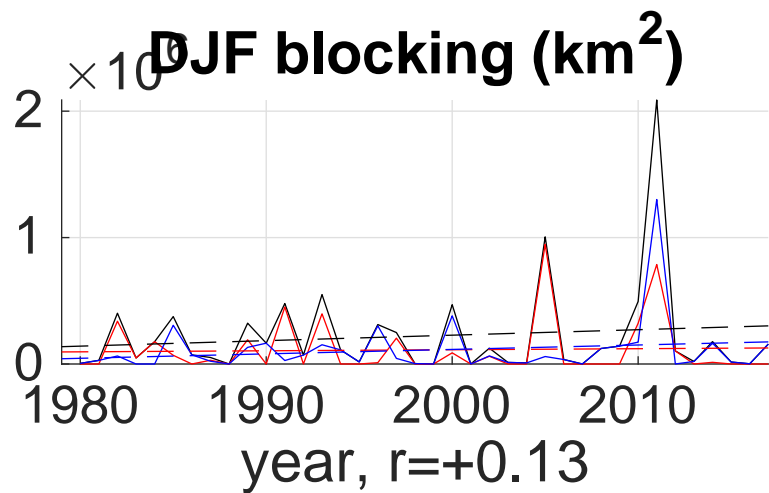


2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr  
 DJF blocking trends (%/30yr)    matched blocking trends    unmatched blocking trends

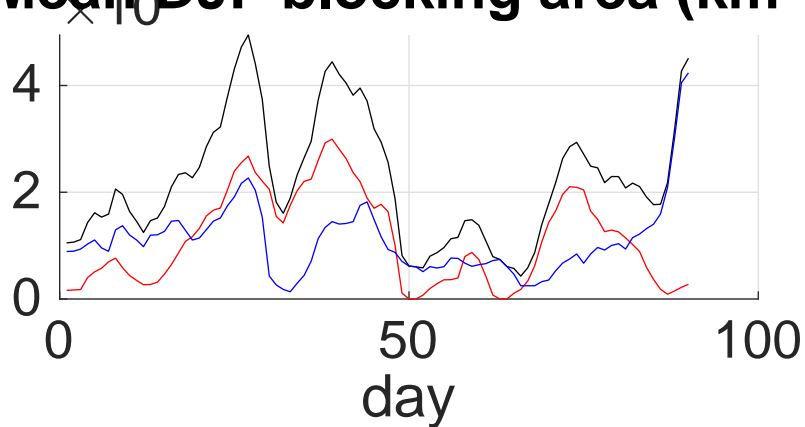


2a74: H14, psi500, prst=0.88, astd40-90N, S=1, A=3 15/15day\*11yr  
 DJF extreme trends (%/30yr)    matched extreme trends    unmatched extreme trends

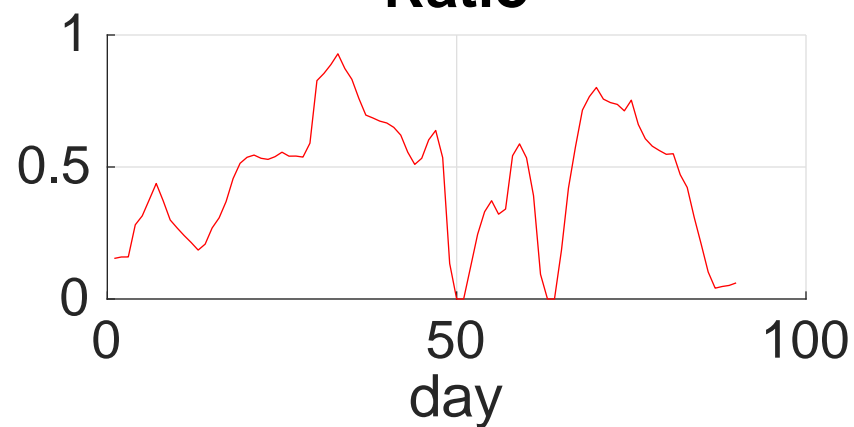




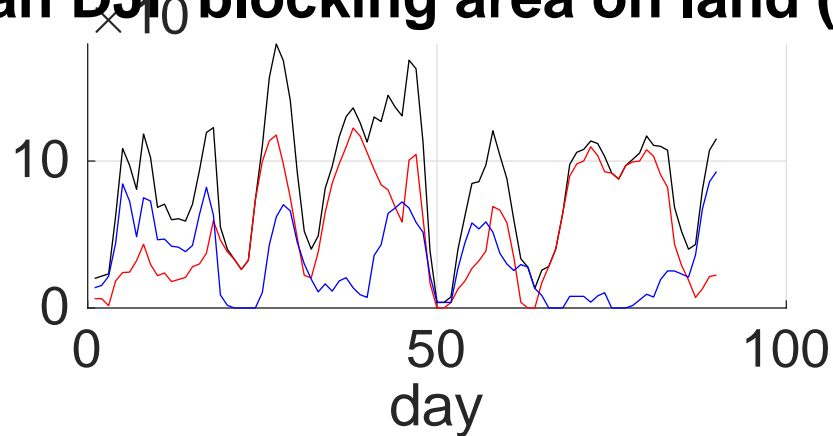
**Mean DJF blocking area (km<sup>2</sup>)**



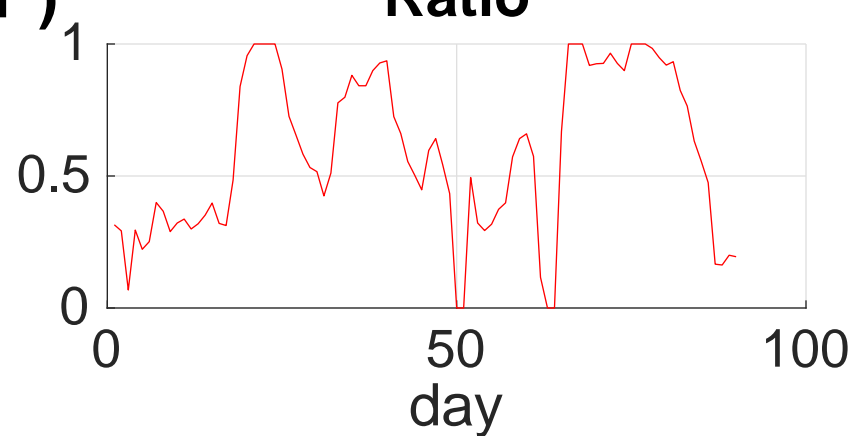
**Ratio**



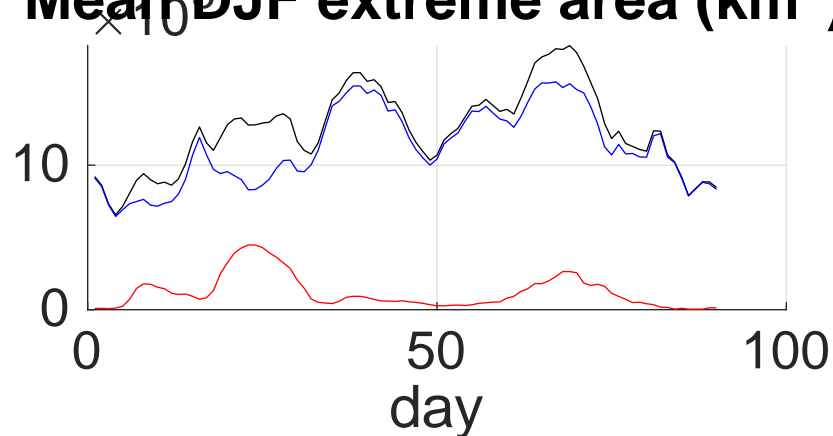
**Mean DJF blocking area on land (km<sup>2</sup>)**



**Ratio**



**Mean DJF extreme area (km<sup>2</sup>)**



**Ratio**

