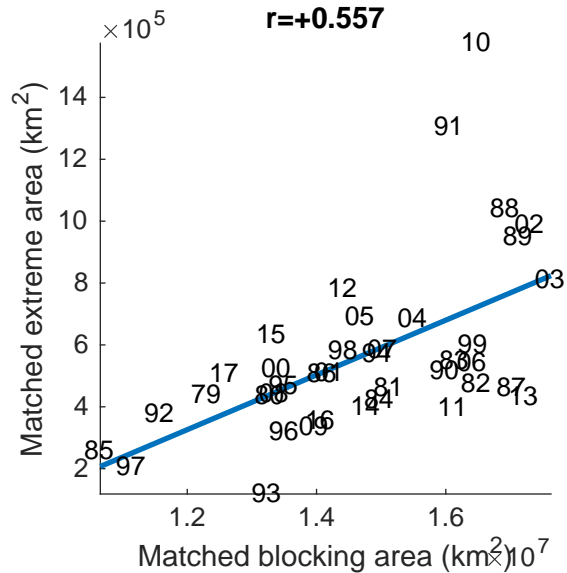
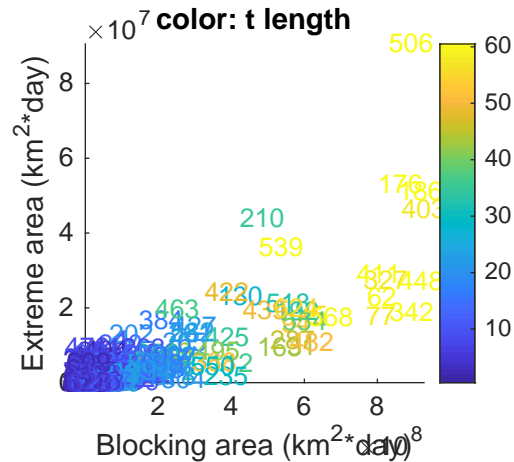
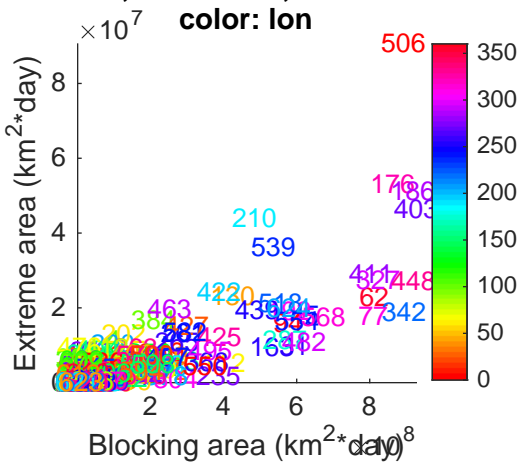
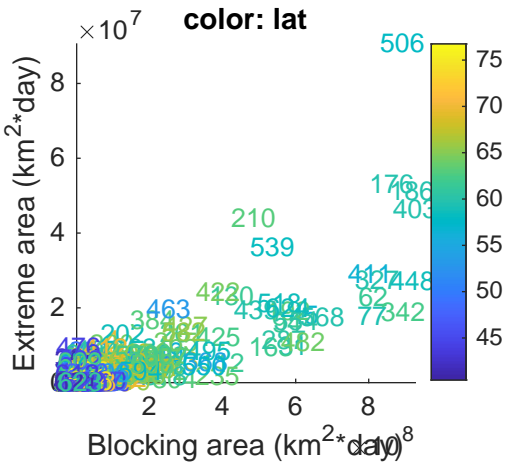
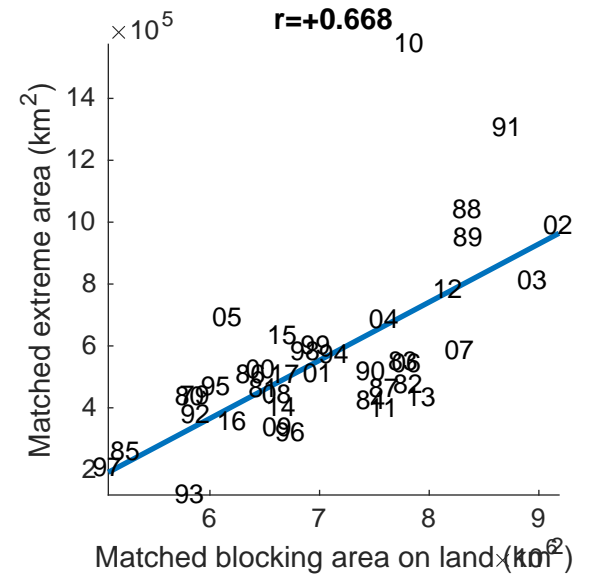
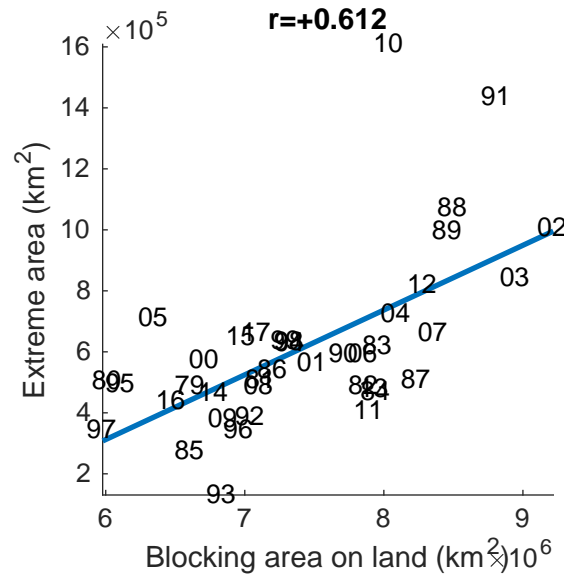
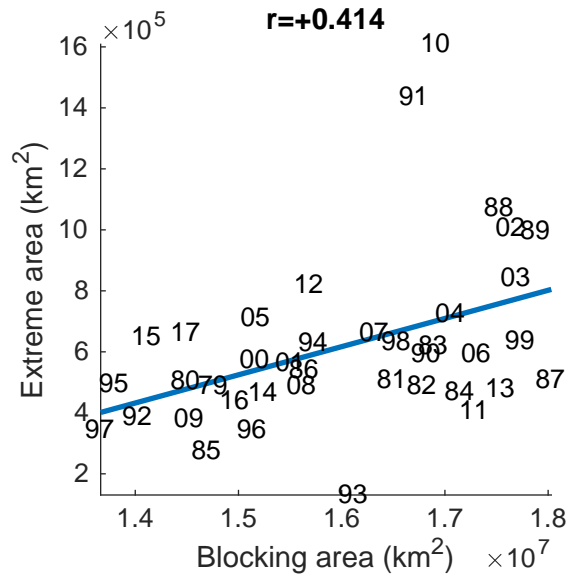
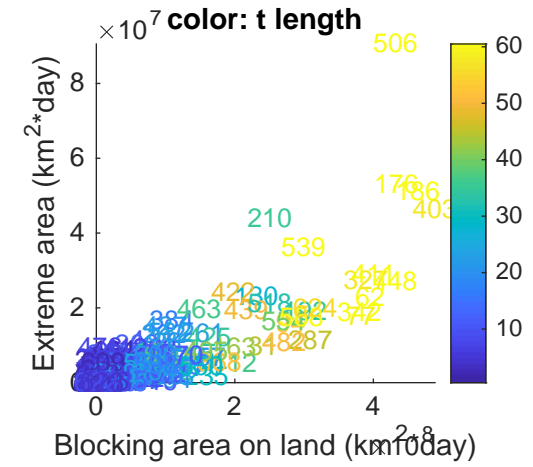
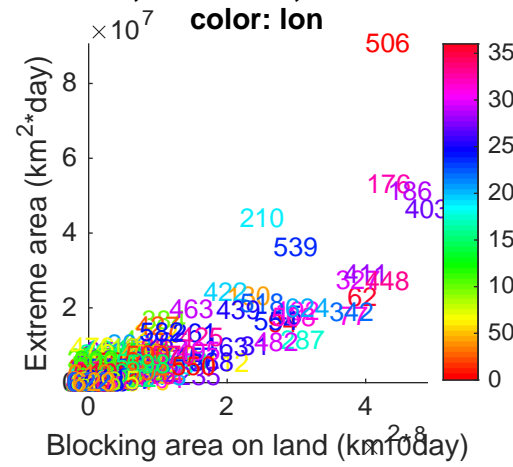
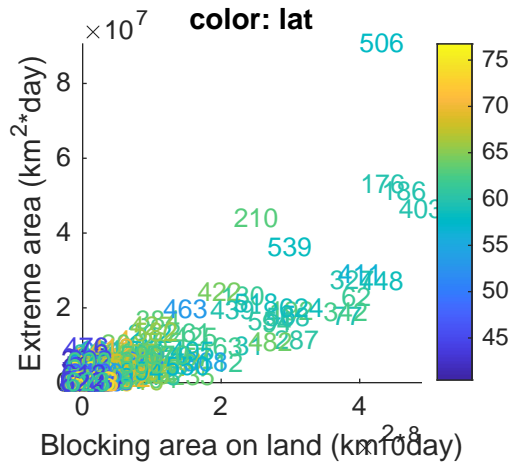


**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight  
hot, frac=0.920, r=+0.830**

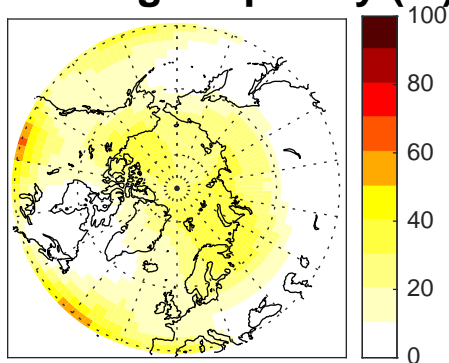


9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight  
hot, frac=0.920, r=+0.849

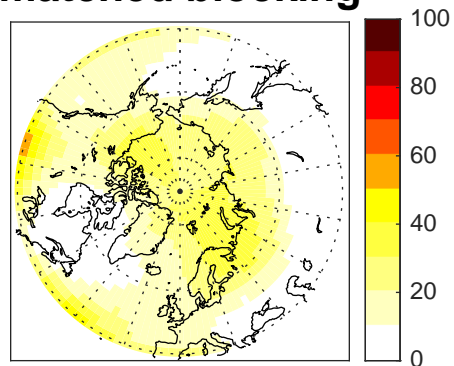


9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight

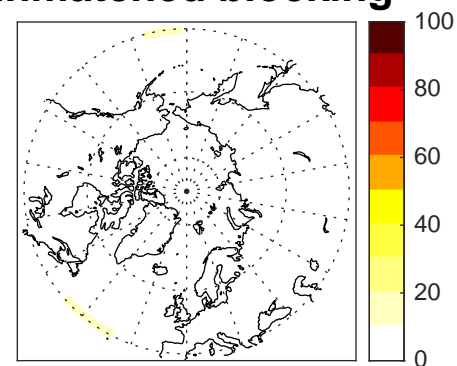
JJA blocking frequency (%)



matched blocking

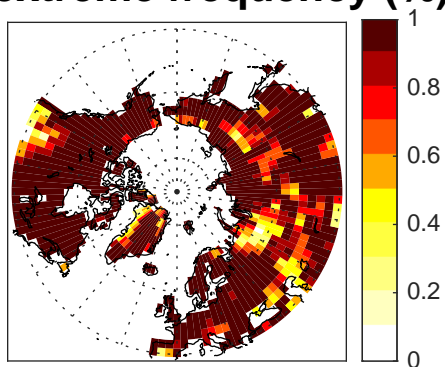


unmatched blocking

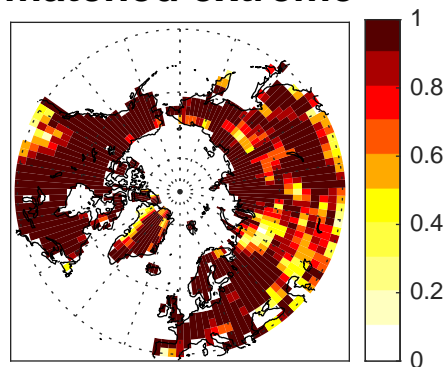


x919: Extreme, 15/15day\*11yr, 2.3localstd 0K 40lat

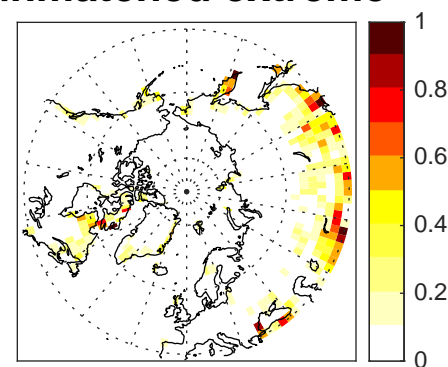
JJA extreme frequency (%)



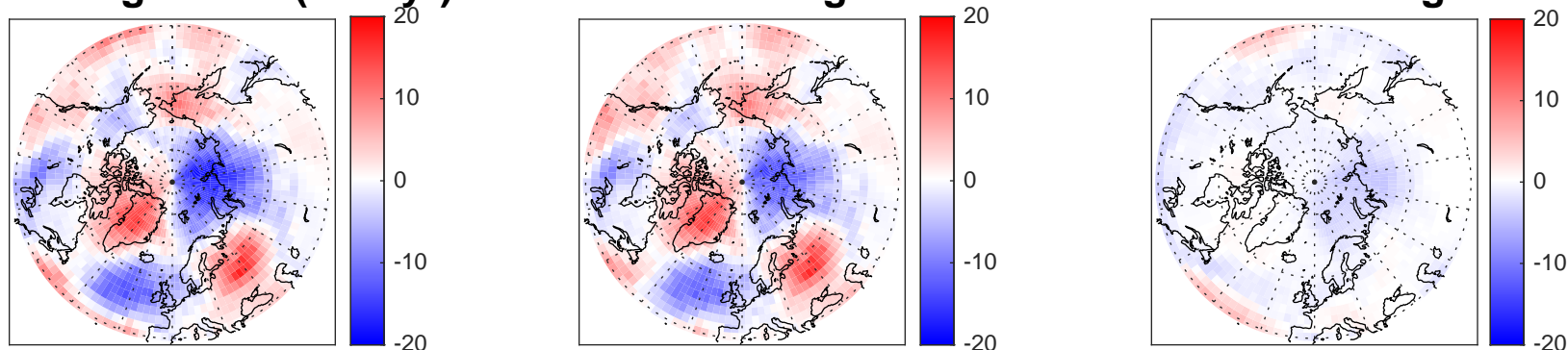
matched extreme



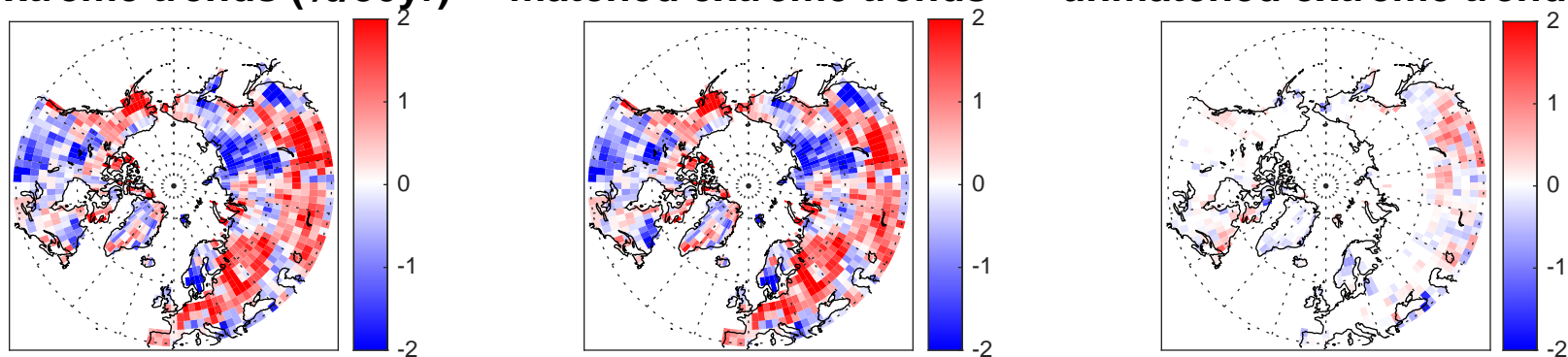
unmatched extreme

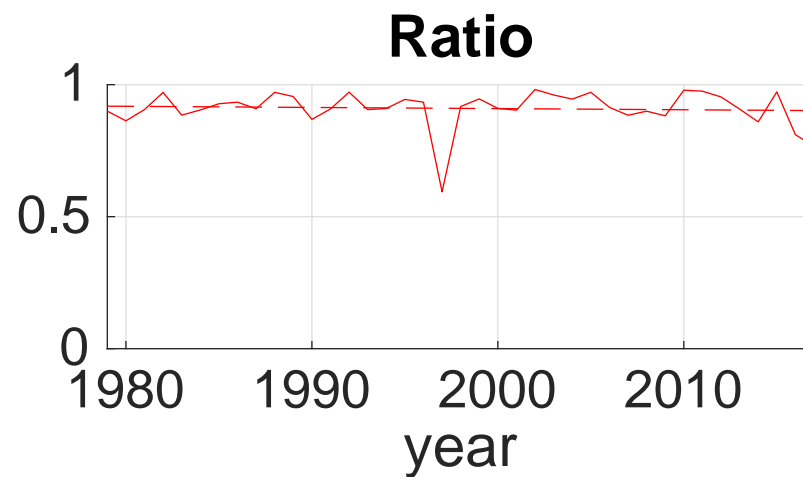
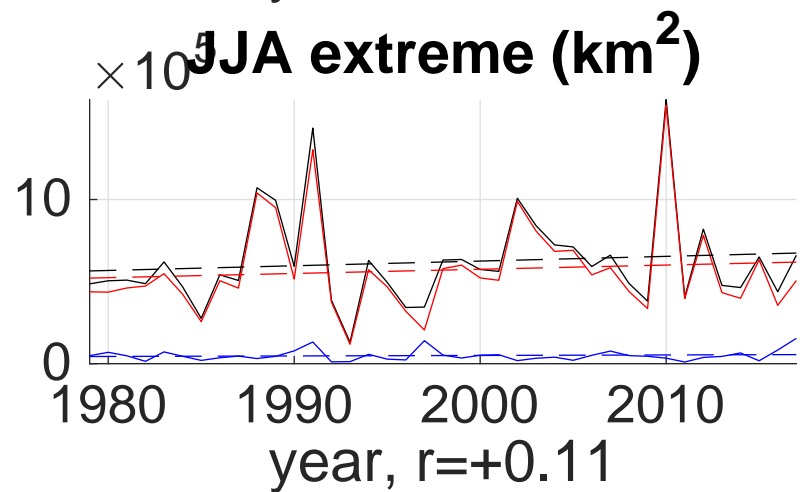
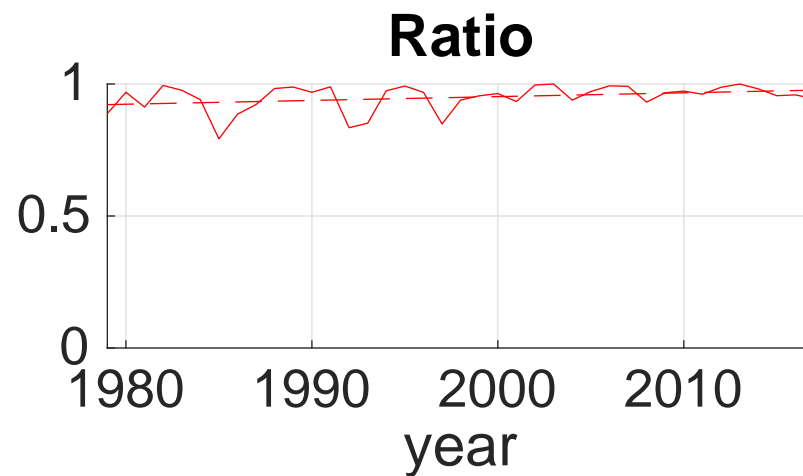
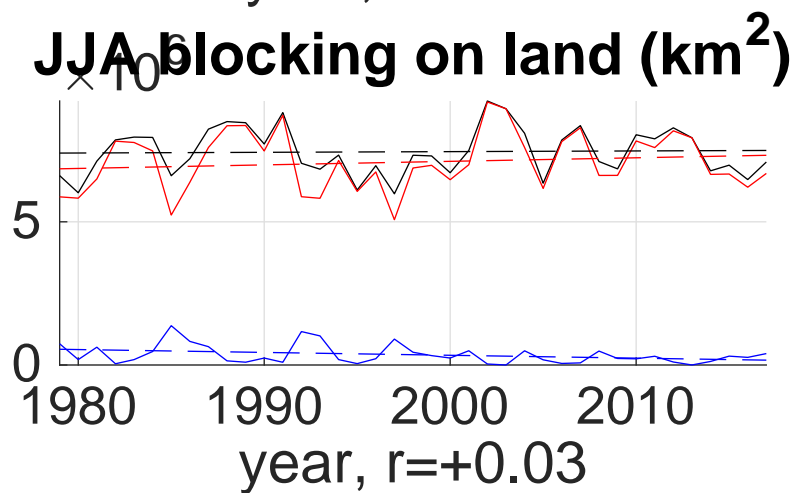
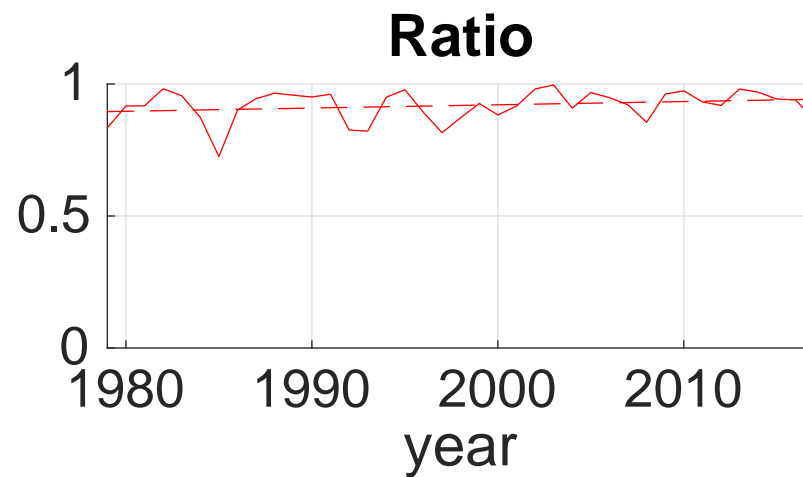
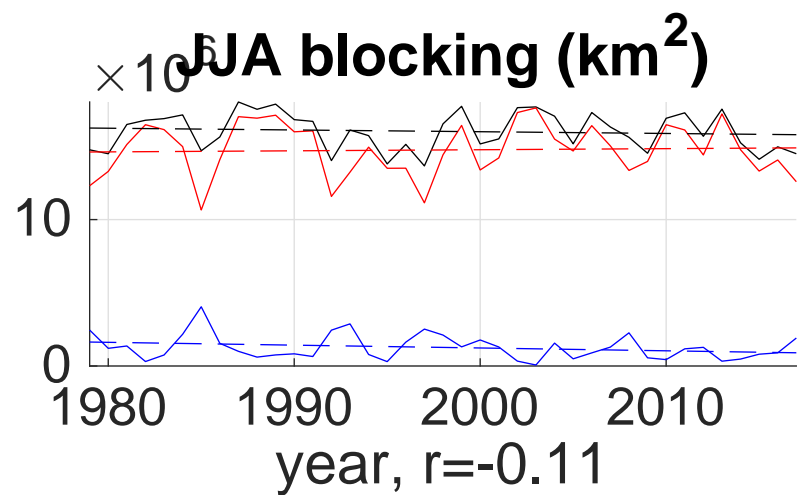


**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight**  
**JJA blocking trends (%/30yr)    matched blocking trends    unmatched blocking trends**

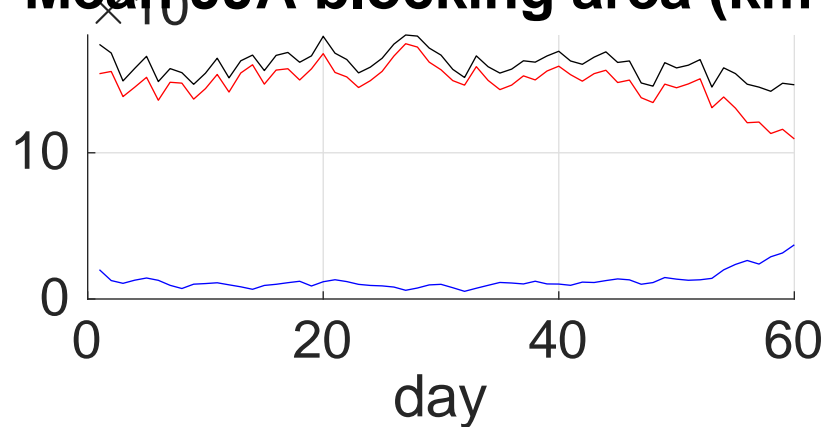


**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight**  
**JJA extreme trends (%/30yr)    matched extreme trends    unmatched extreme trends**

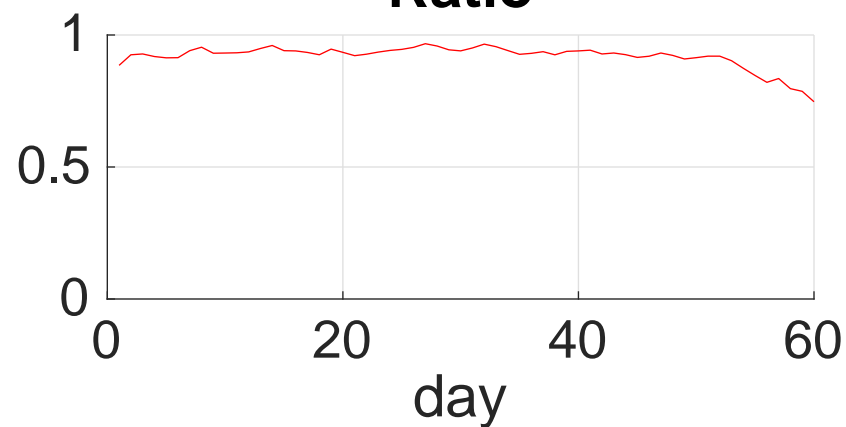




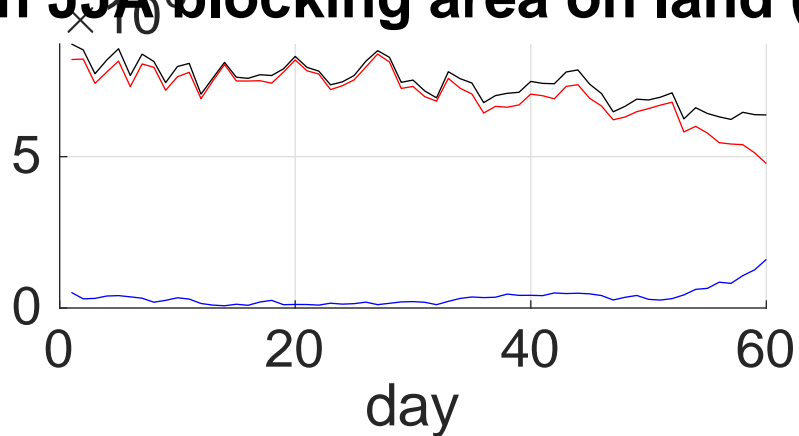
**Mean JJA blocking area (km<sup>2</sup>)**



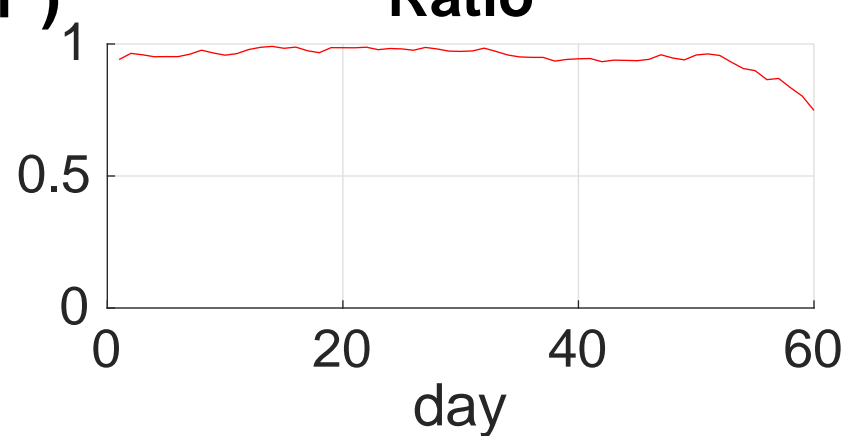
**Ratio**



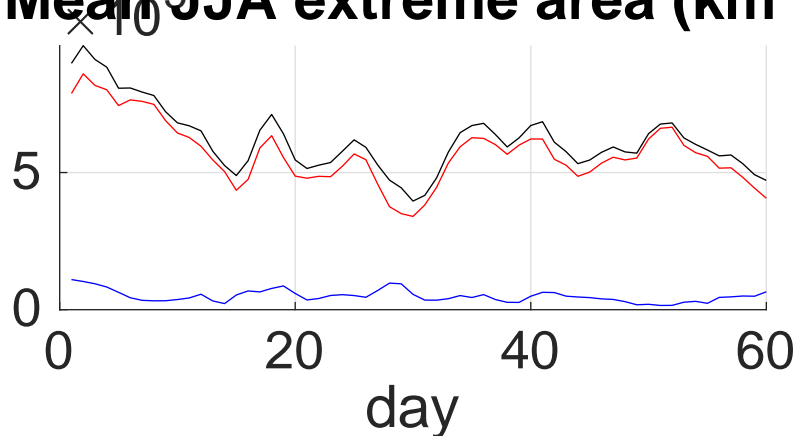
**Mean JJA blocking area on land (km<sup>2</sup>)**



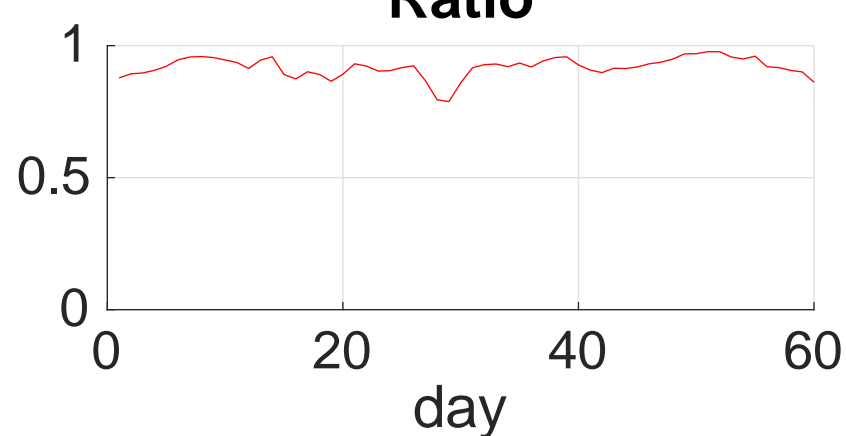
**Ratio**



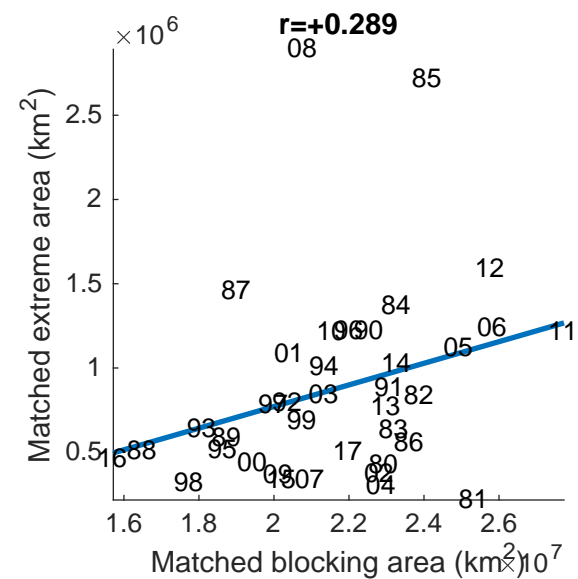
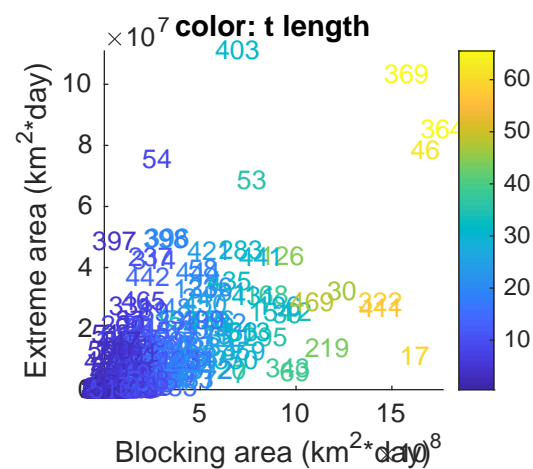
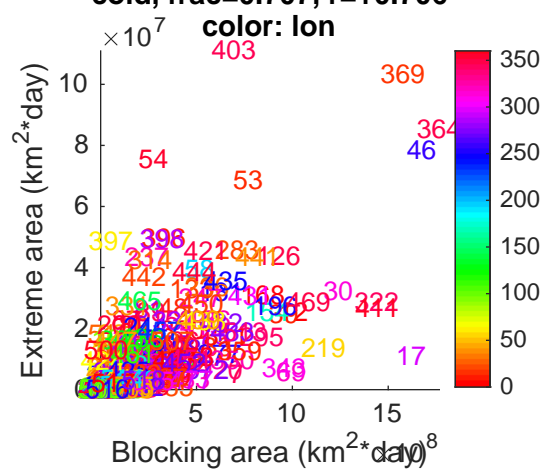
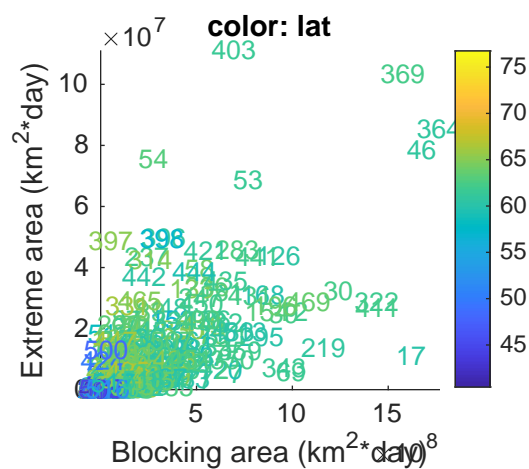
**Mean JJA extreme area (km<sup>2</sup>)**



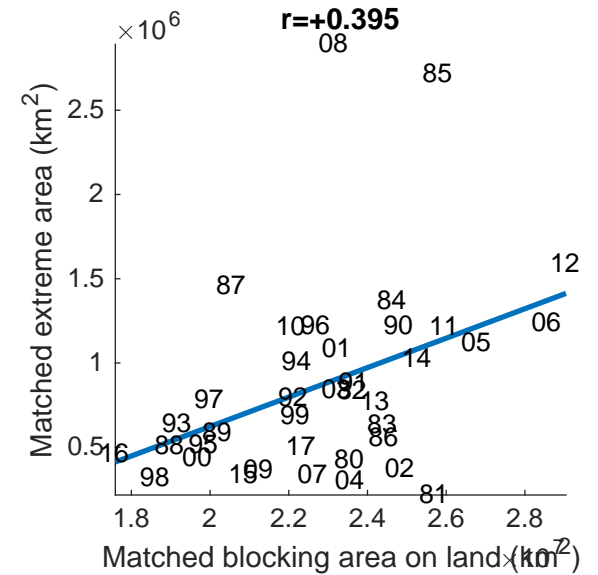
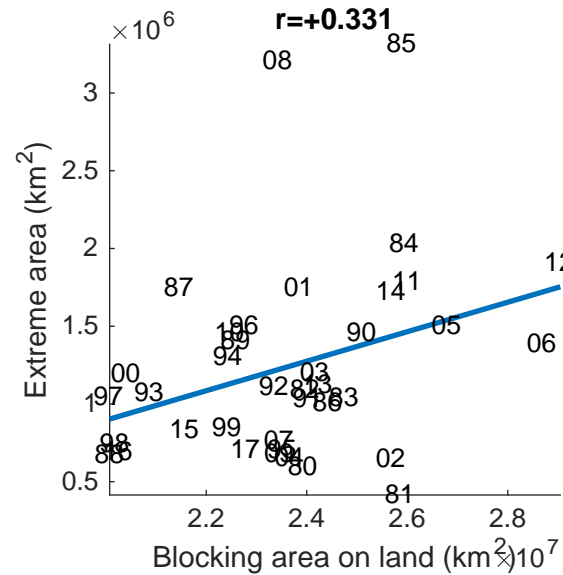
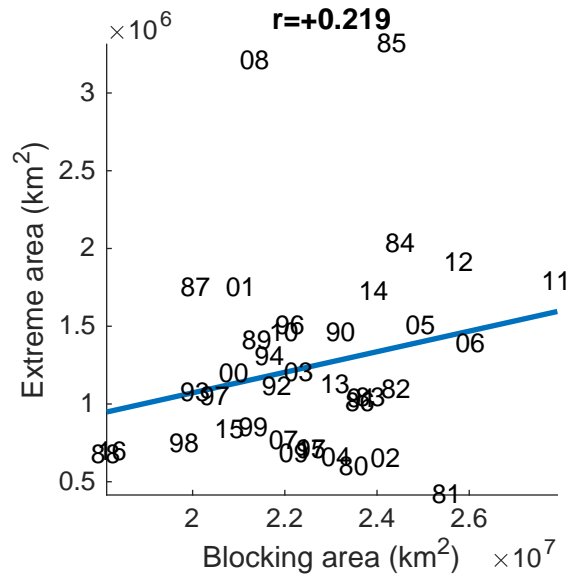
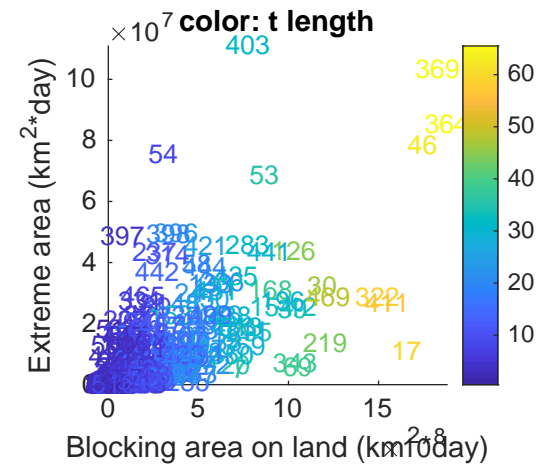
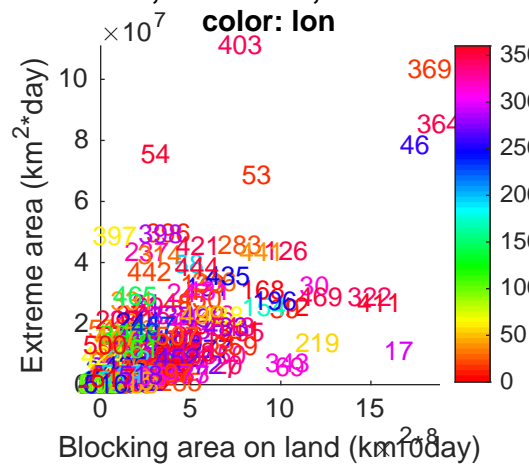
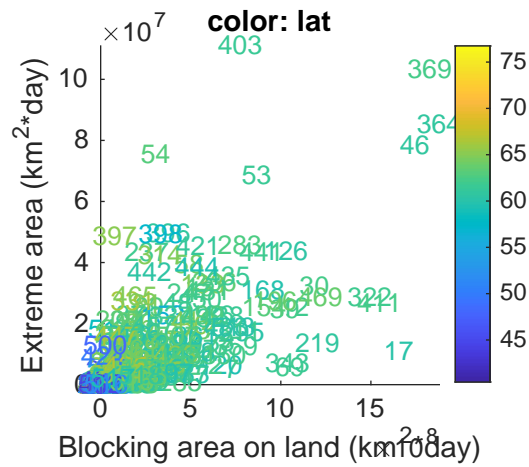
**Ratio**



**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight  
cold, frac=0.707, r=+0.706**

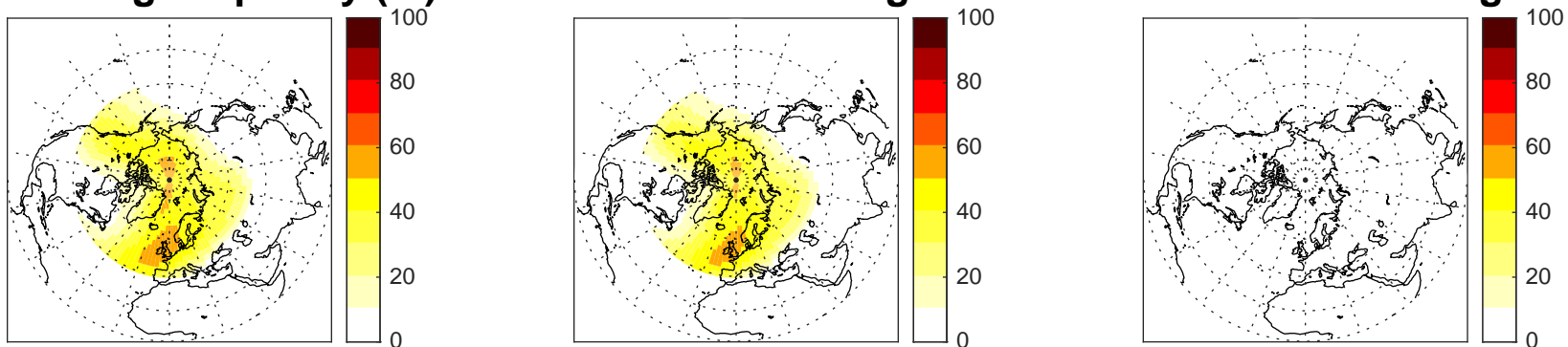


9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight  
cold, frac=0.707, r=+0.717

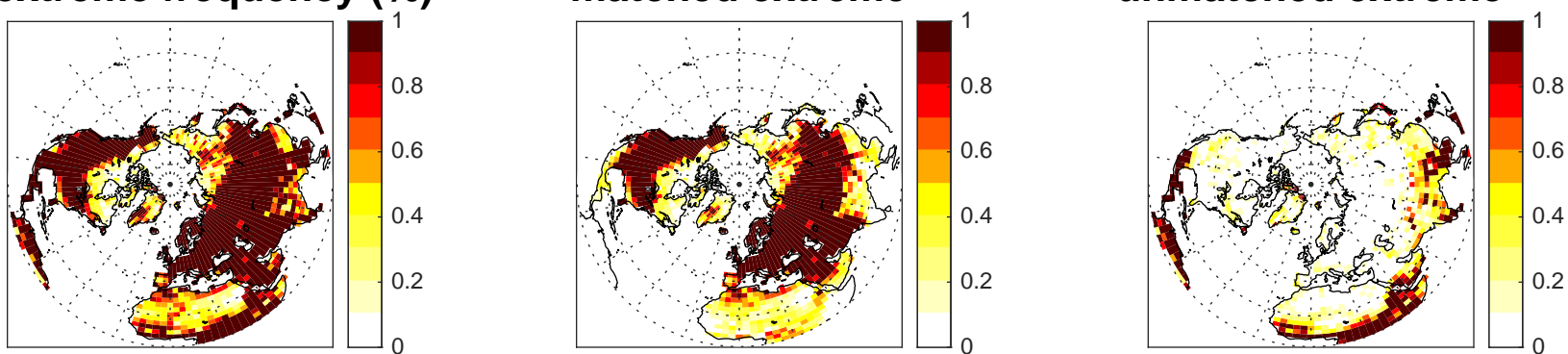




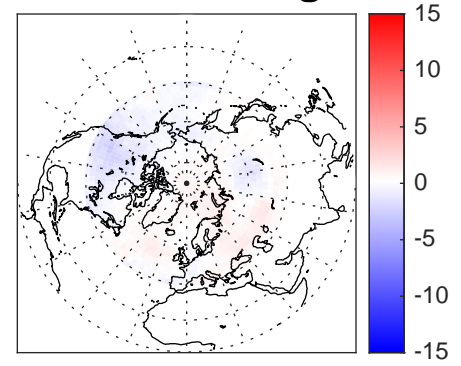
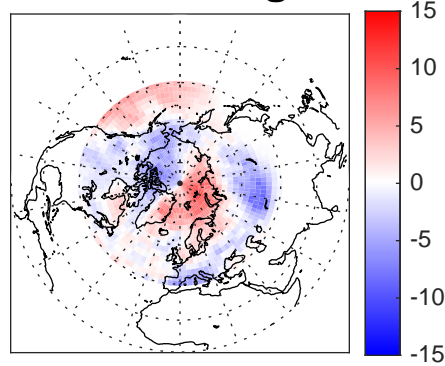
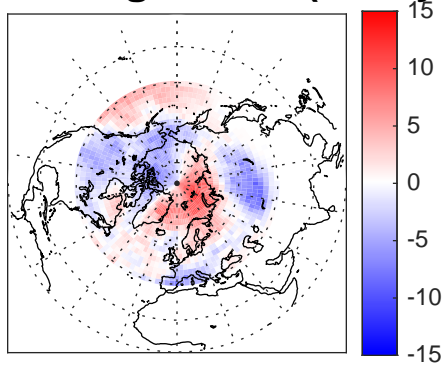
**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight**  
**DJF blocking frequency (%)**      **matched blocking**      **unmatched blocking**



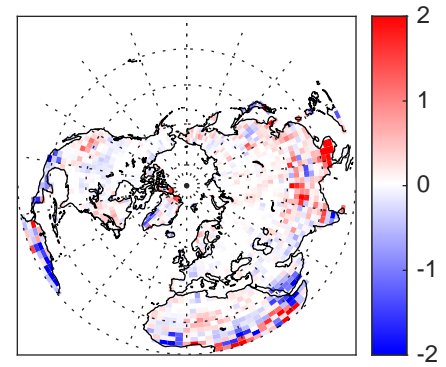
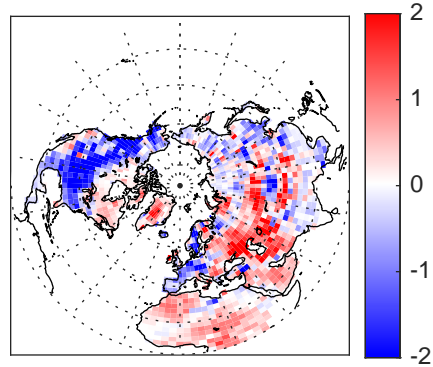
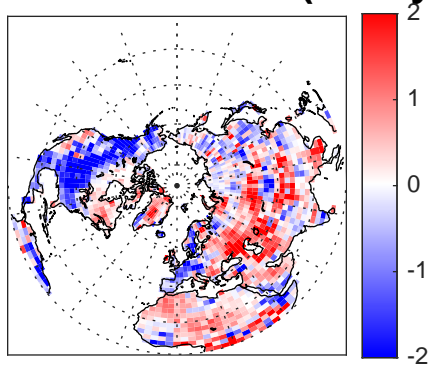
**x919: Extreme, 15/15day\*11yr, 2.3localstd 0K 40lat**  
**DJF extreme frequency (%)**      **matched extreme**      **unmatched extreme**

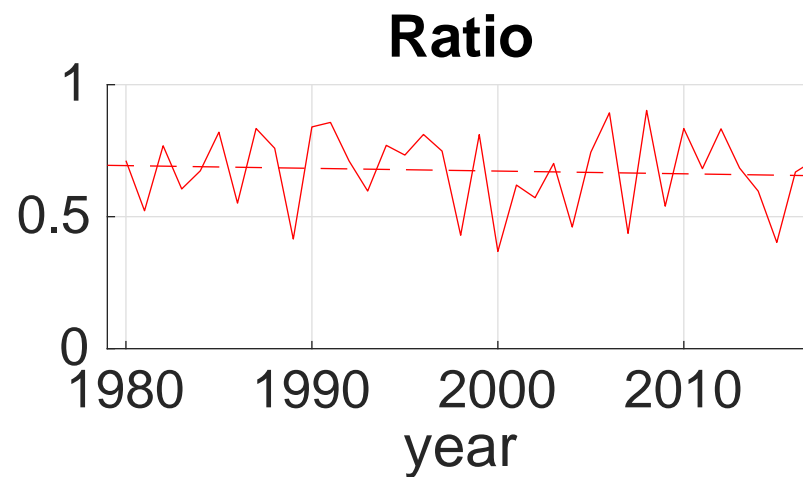
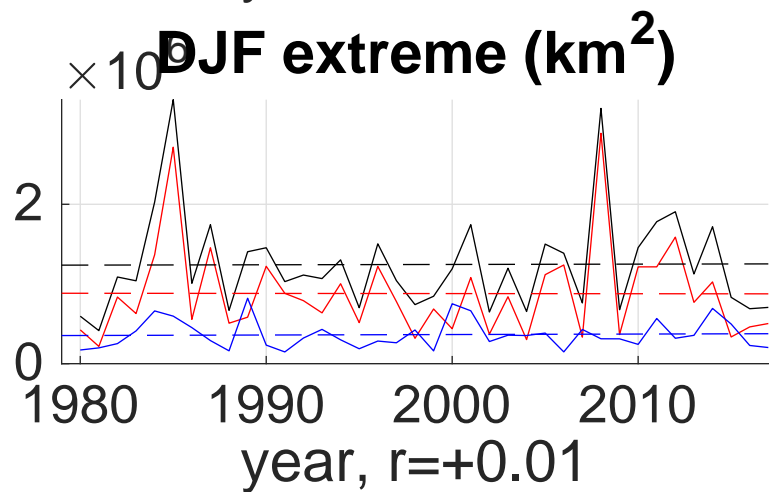
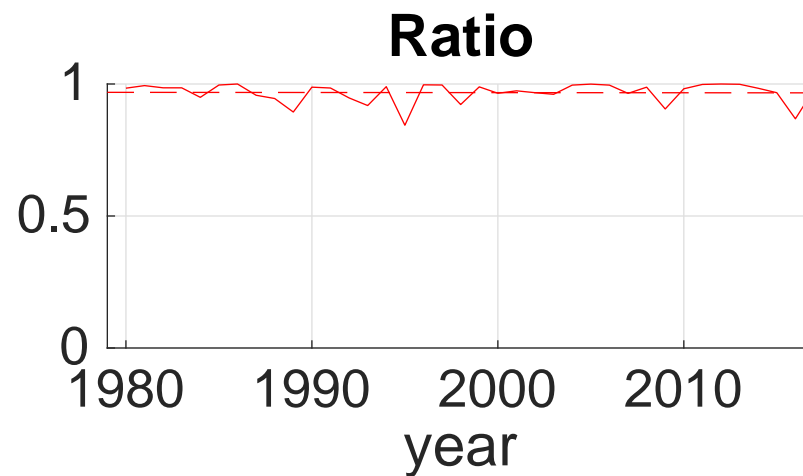
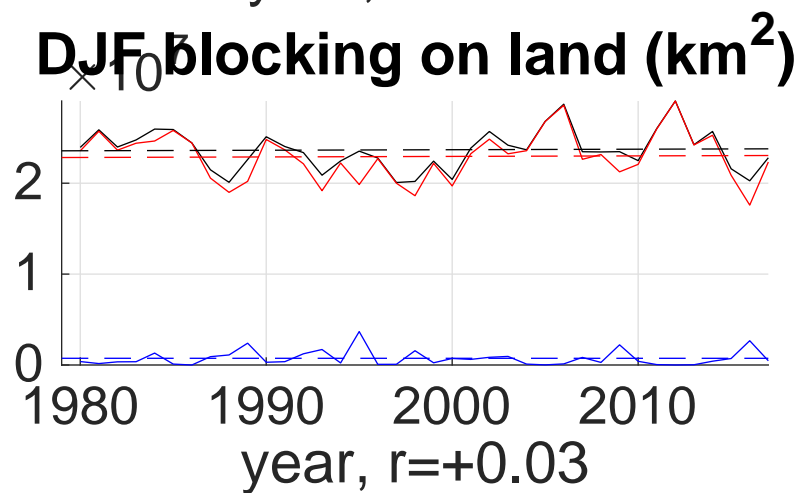
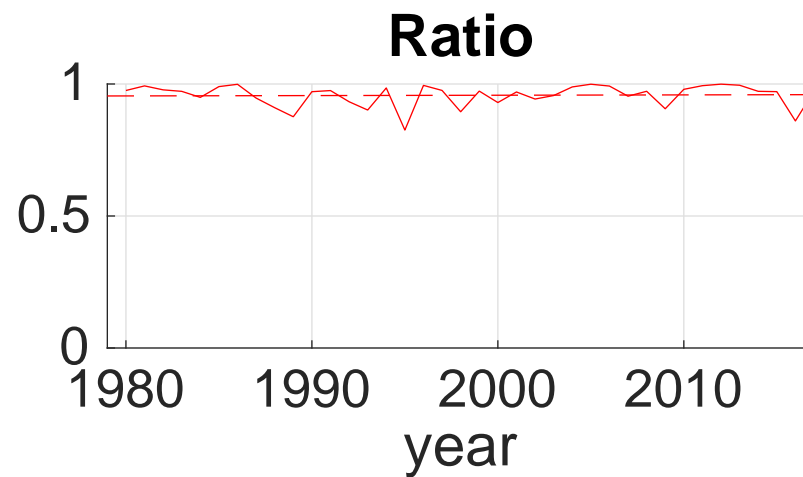
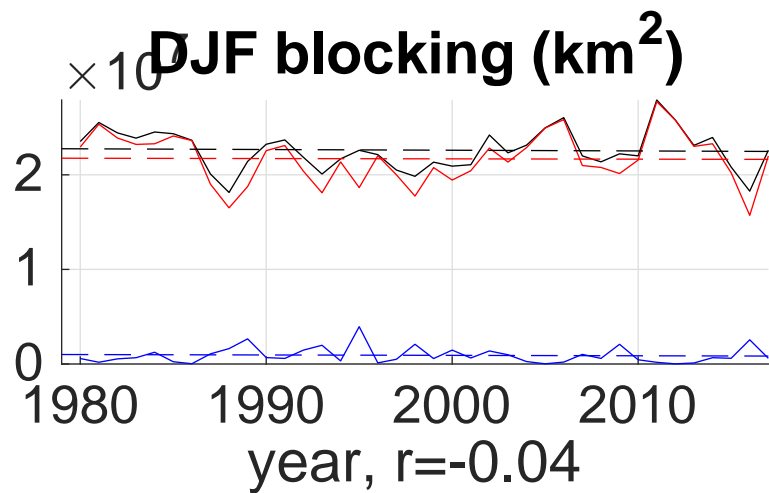


**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight**  
**DJF blocking trends (%/30yr)    matched blocking trends    unmatched blocking trends**

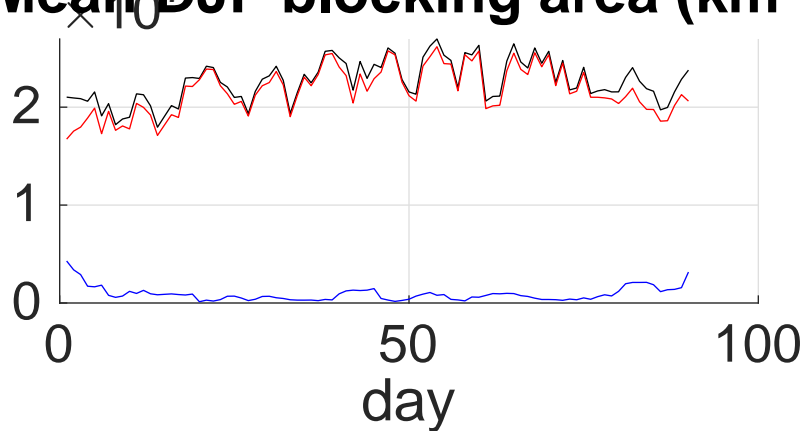


**9a07: FALWA, z500, A+,40-90N,offset-2,A=4e+07,D=3,unweight**  
**DJF extreme trends (%/30yr)    matched extreme trends    unmatched extreme trends**

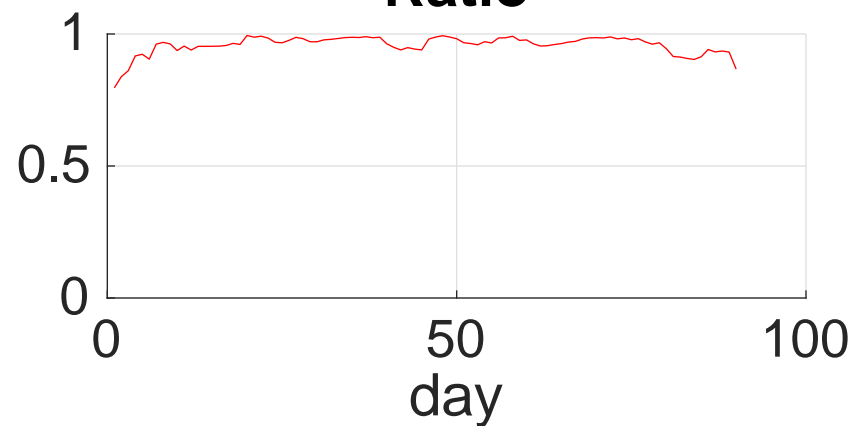




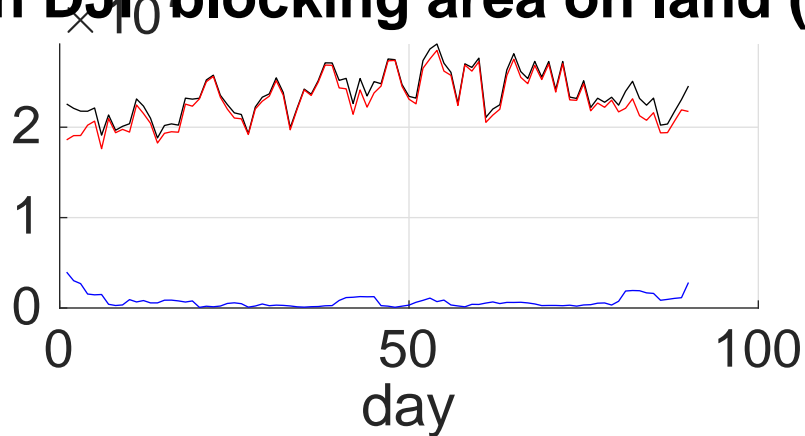
**Mean DJF blocking area (km<sup>2</sup>)**



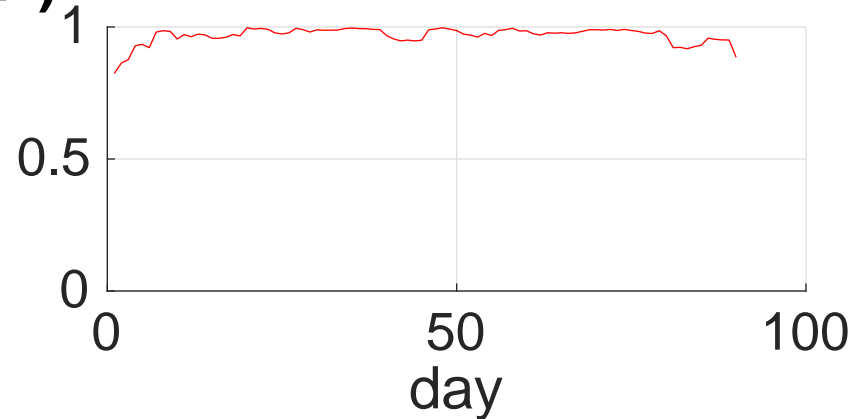
**Ratio**



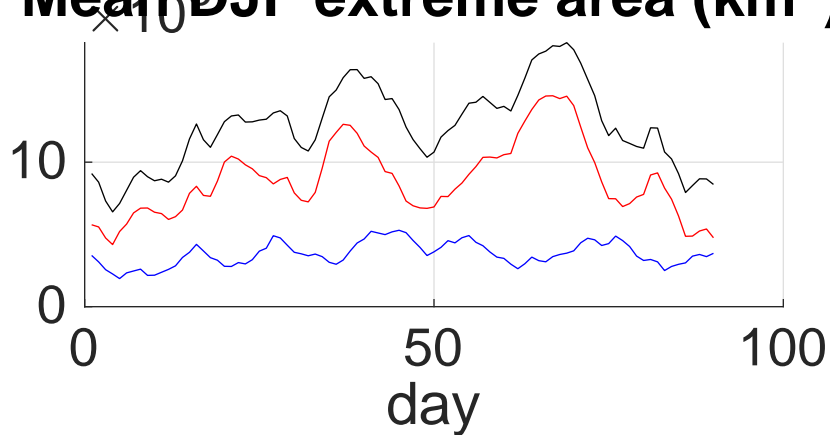
**Mean DJF blocking area on land (km<sup>2</sup>)**



**Ratio**



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



**Ratio**

