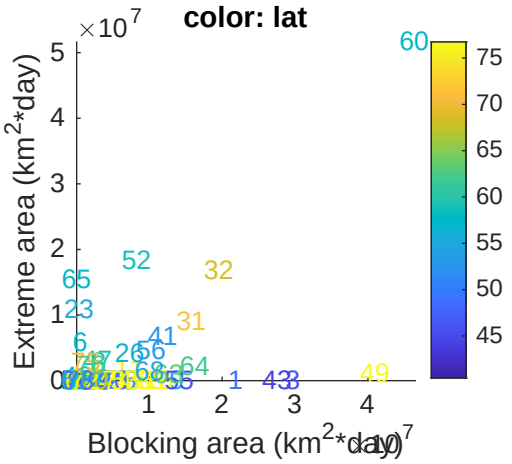
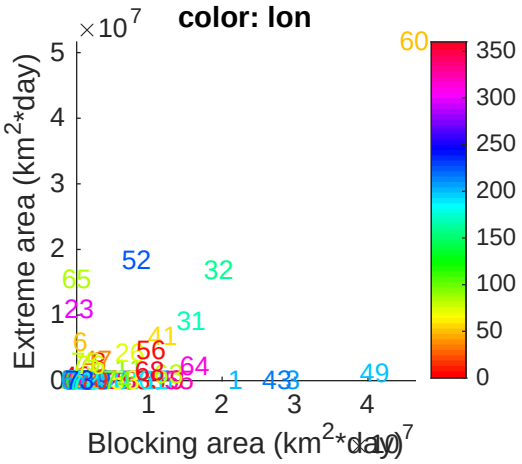
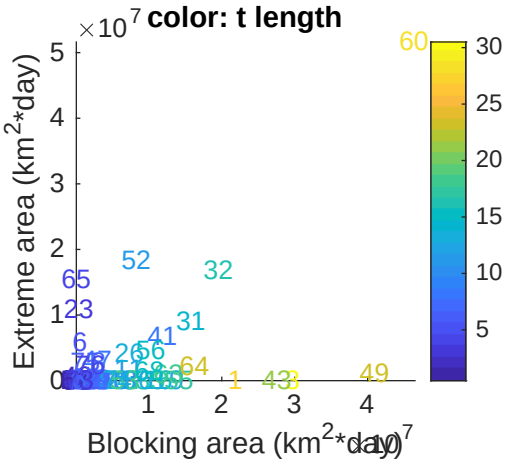
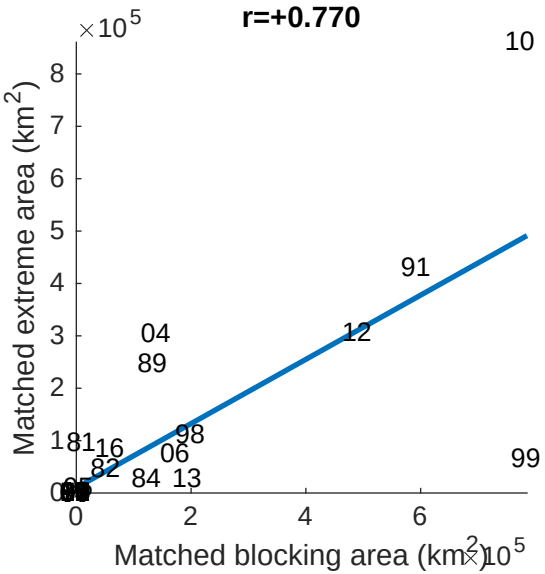
2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr
hot, frac=0.111, r=+0.515









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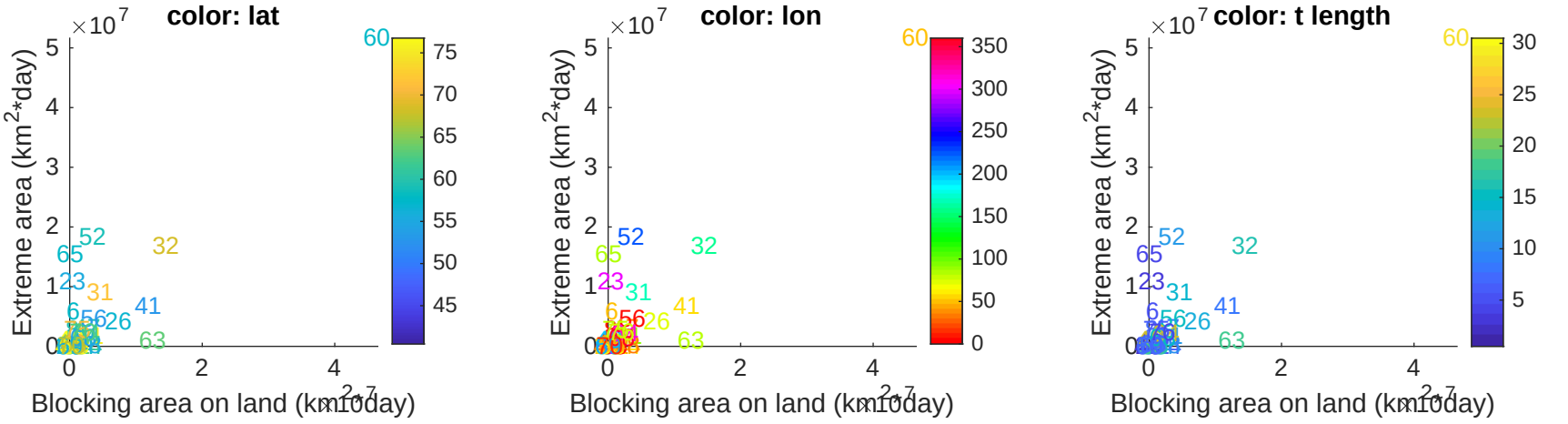
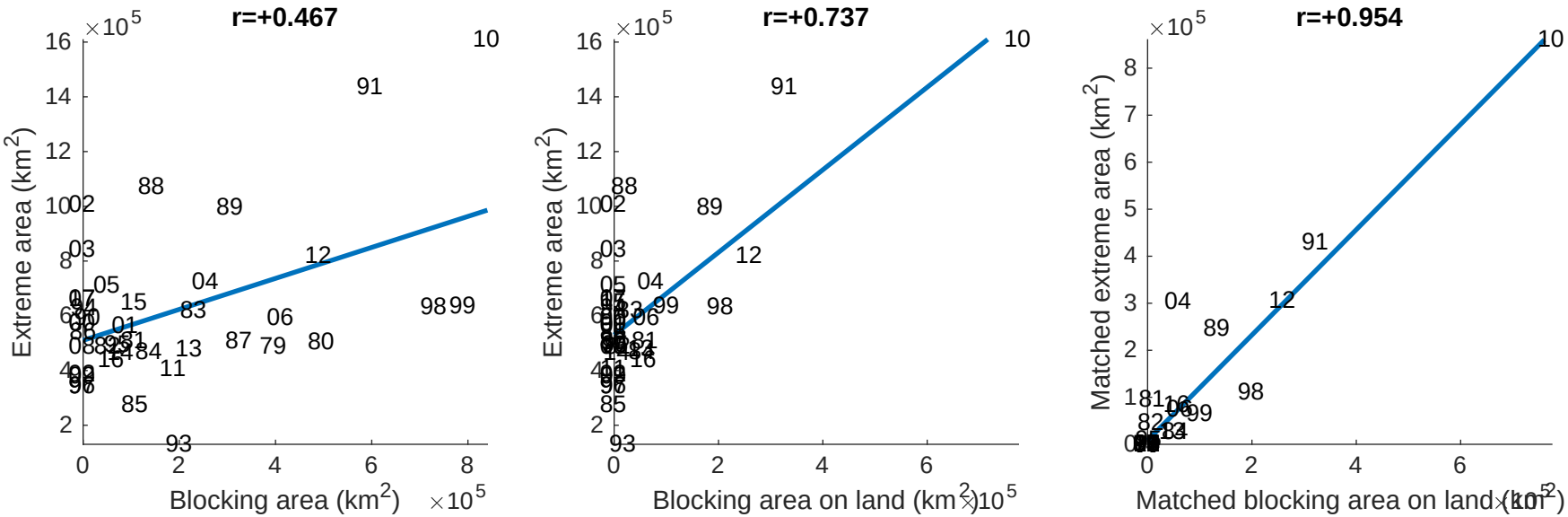
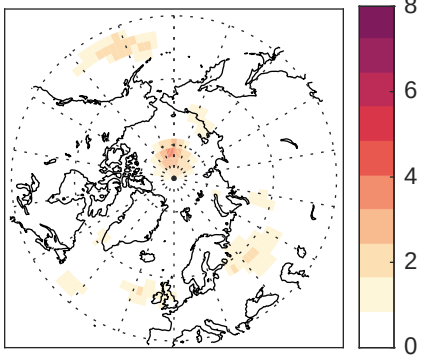
hot, frac=0.111, r=+0.873



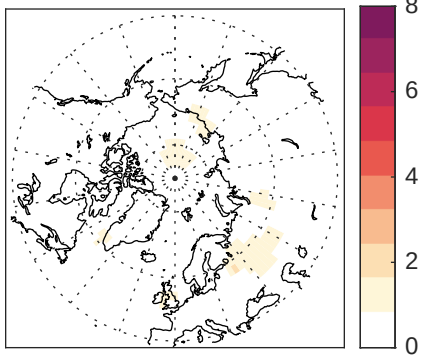


2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr

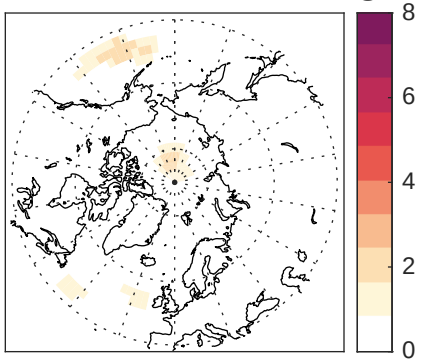
JJA blocking frequency (%)



matched blocking

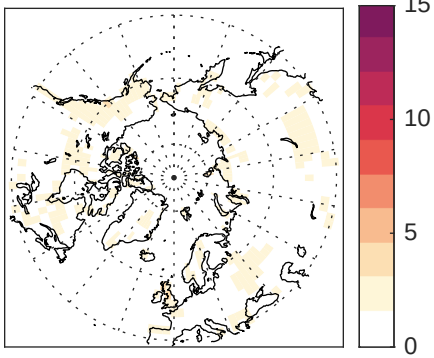


unmatched blocking

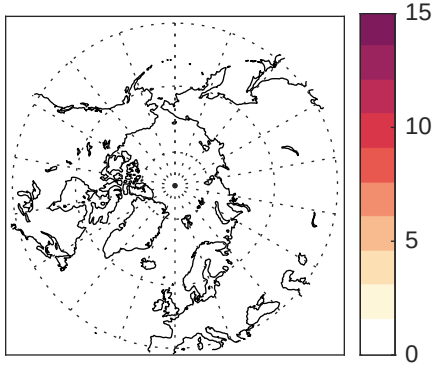


x919: Extreme, 15/15day*11yr, 2.3localstd 0K 40lat

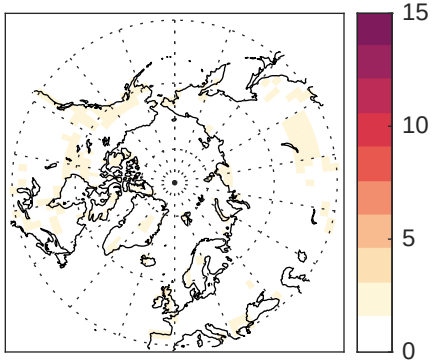
JJA extreme frequency (%)



matched extreme

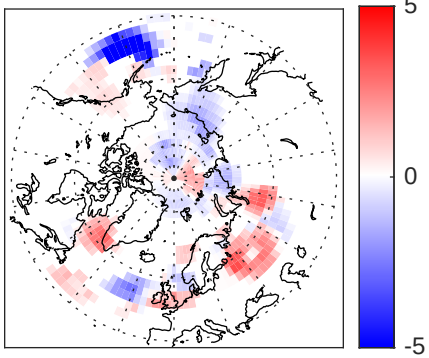


unmatched extreme

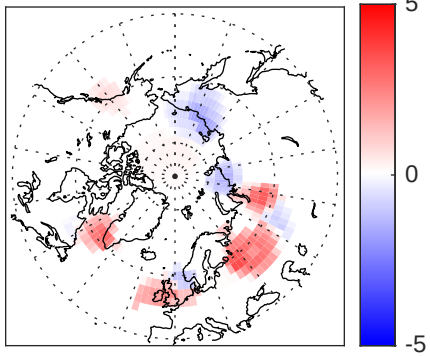


2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr

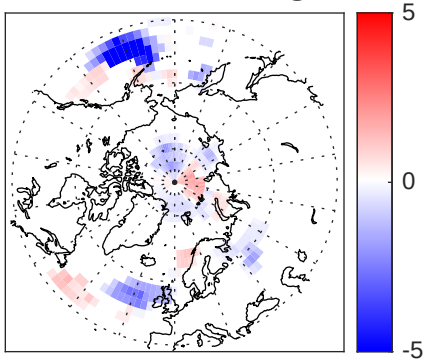
JJA blocking trends (%/30yr)



matched blocking trends

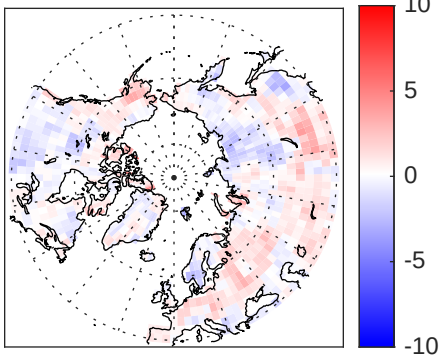


unmatched blocking trends

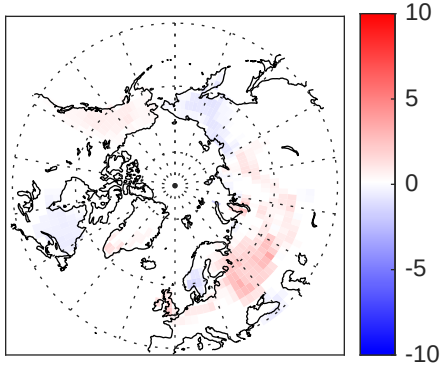


2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr

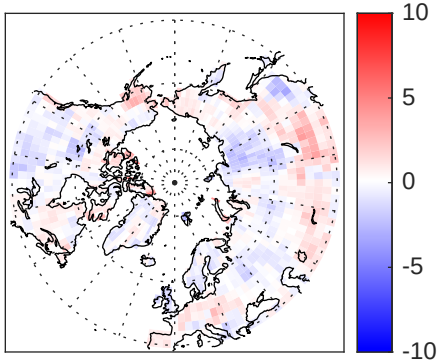
JJA extreme trends (%/30yr)

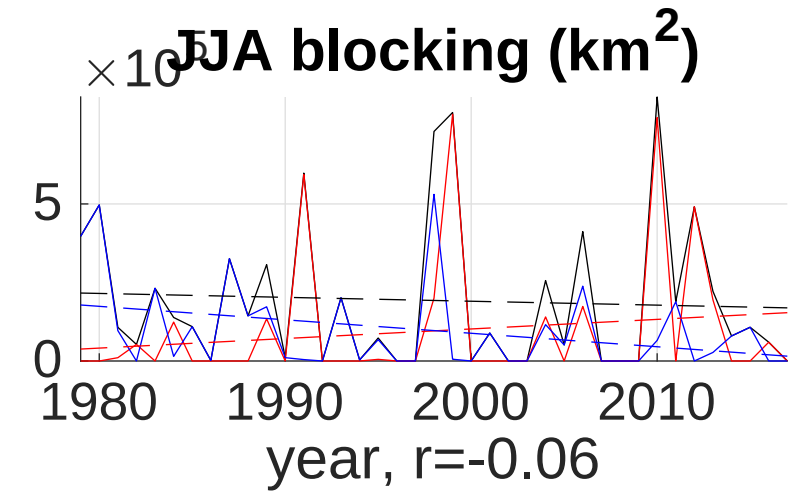


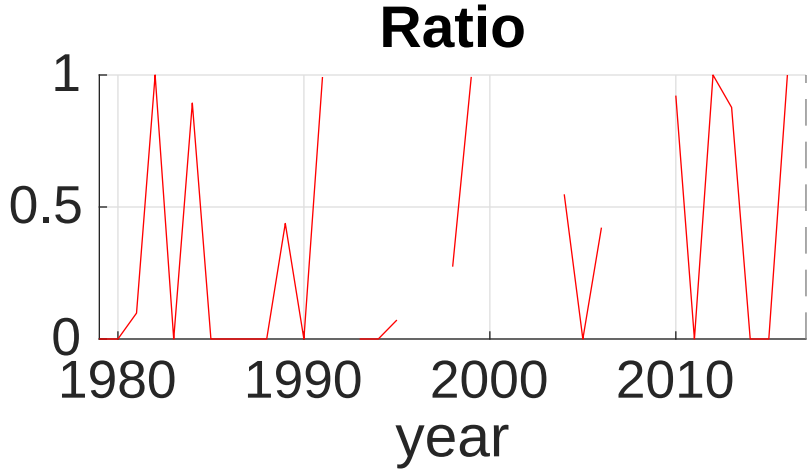
matched extreme trends

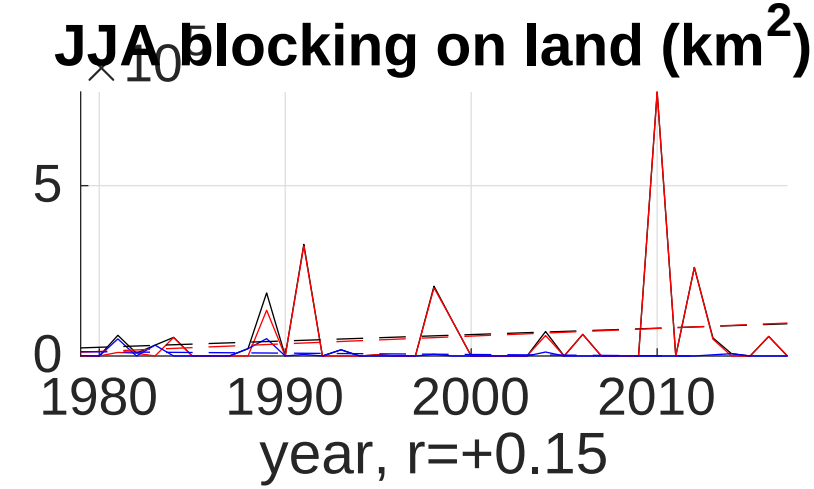


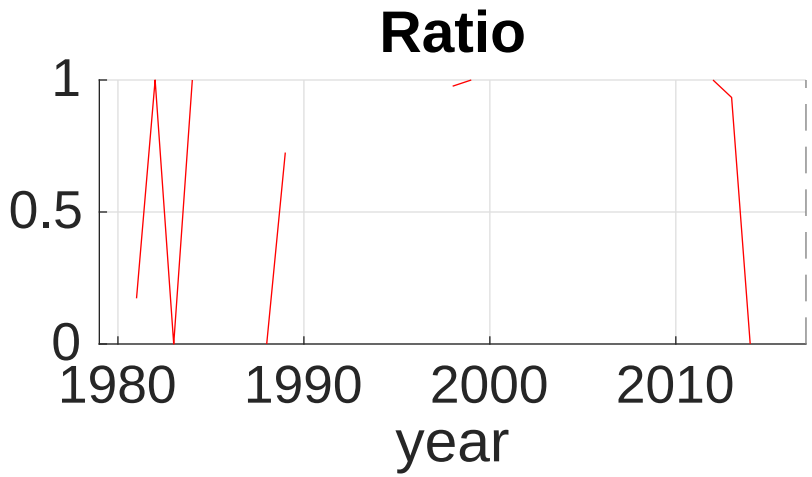
unmatched extreme trends

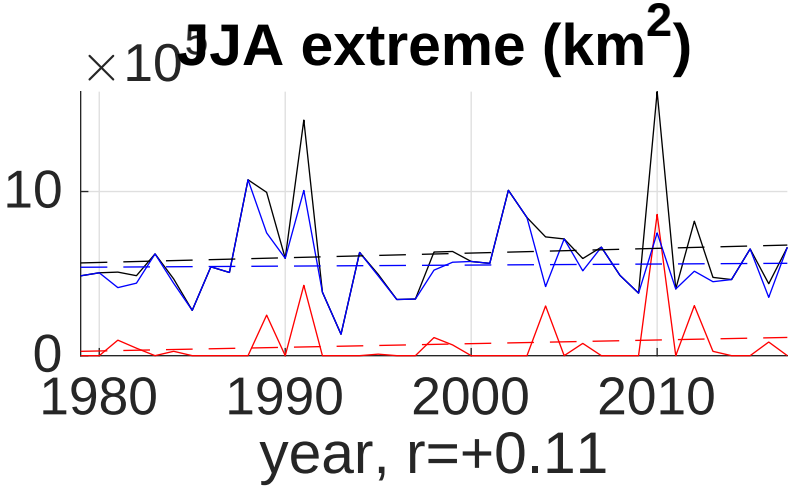


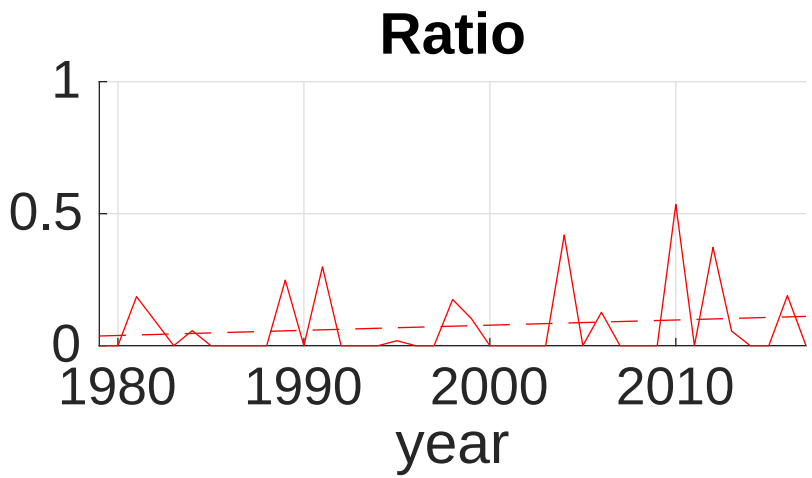

JJA blocking (km2)
×10^5
5
0
1980
1990
2000
2010
year, r=-0.06

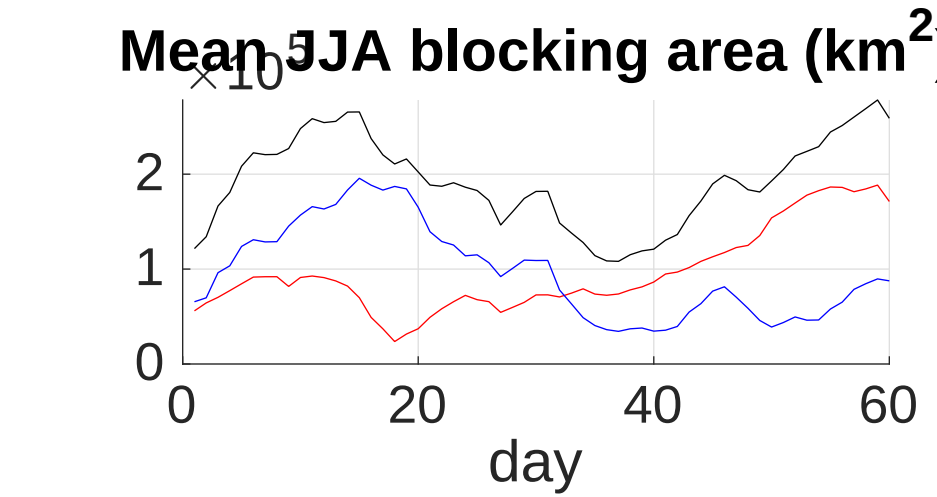

Ratio
1
0.5
0
1980
1990
2000
2010
year

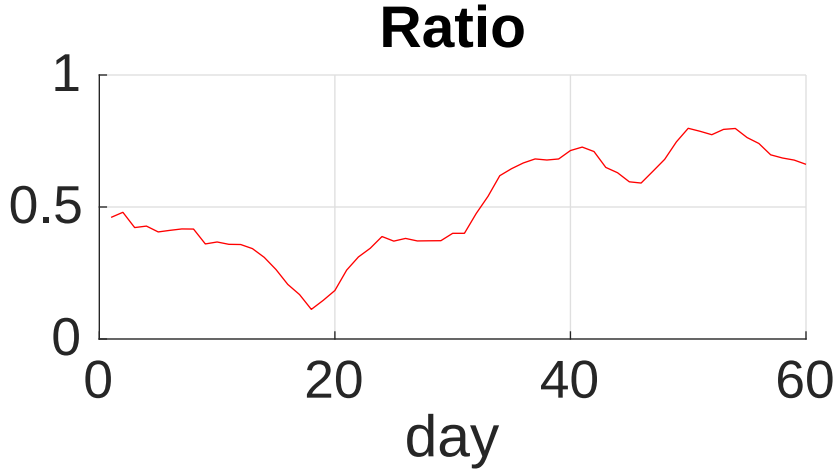

JJA blocking on land (km2)
×10^5
5
0
1980
1990
2000
2010
year, r=+0.15

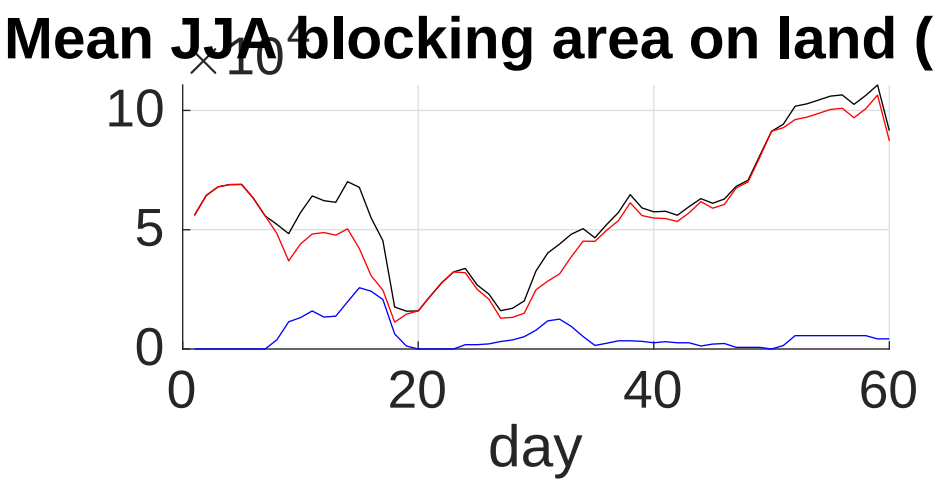

Ratio
1
0.5
0
1980
1990
2000
2010
year

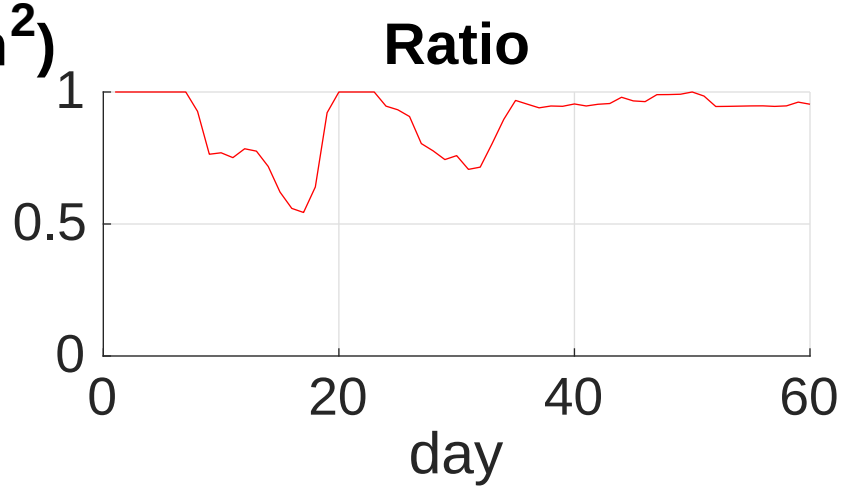

JJA extreme (km2)
×10^5
10
0
1980
1990
2000
2010
year, r=+0.11

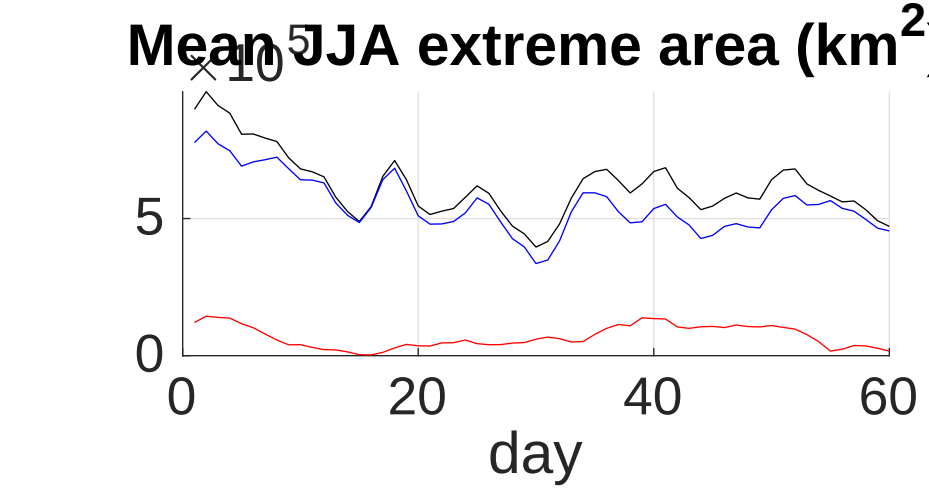

Ratio
1
0.5
0
1980
1990
2000
2010
year

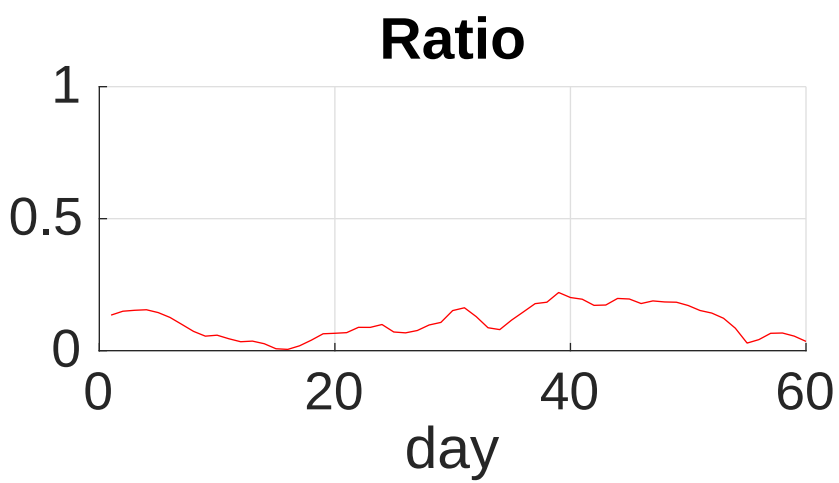

Mean JJA blocking area (km2)
×10^5
2
1
0
0
20
40
60
day


Ratio
1
0.5
0
0
20
40
60
day

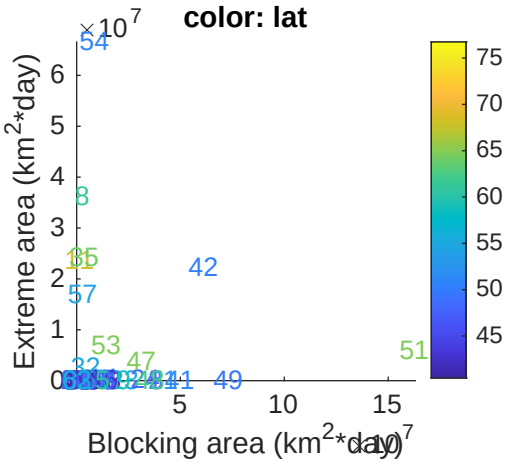

Mean JJA blocking area on land (km2)
×10^4
10
5
0
0
20
40
60
day

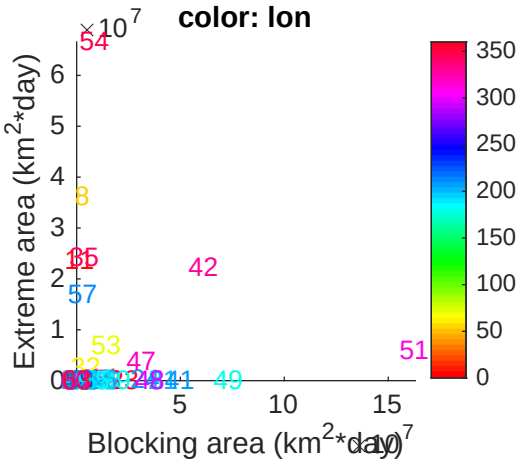

Ratio
1
0.5
0
0
20
40
60
day

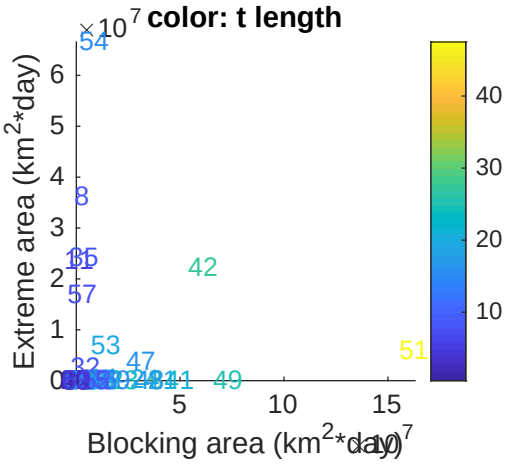

Mean JJA extreme area (km2)
×10^5
5
0
0
20
40
60
day

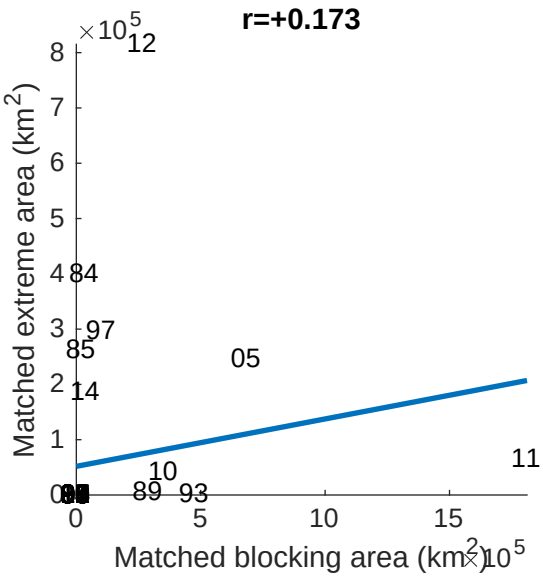

Ratio
1
0.5
0
0
20
40
60
day

2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr
cold, frac=0.049, r=+0.050

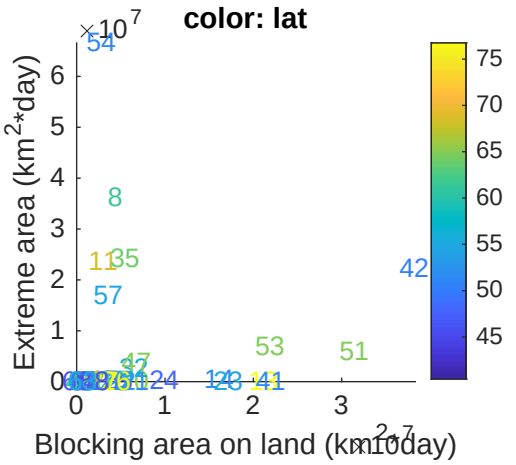


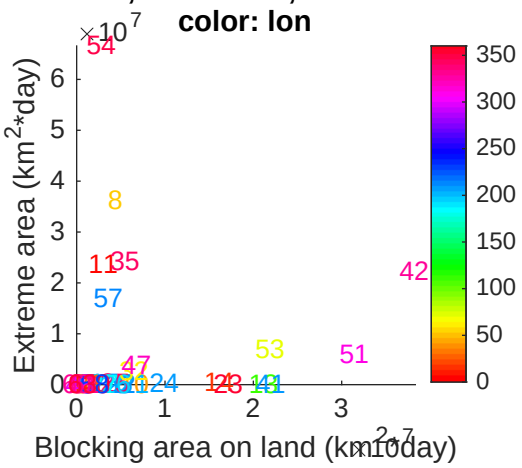


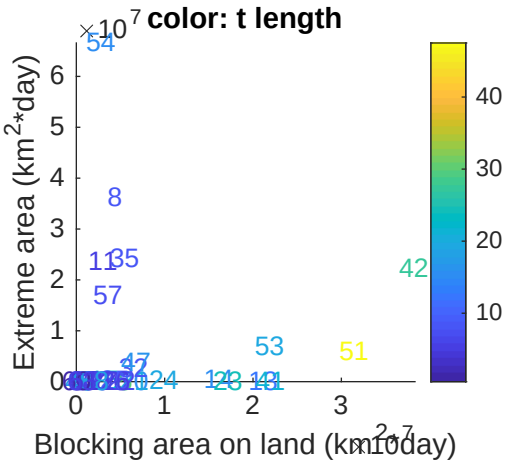


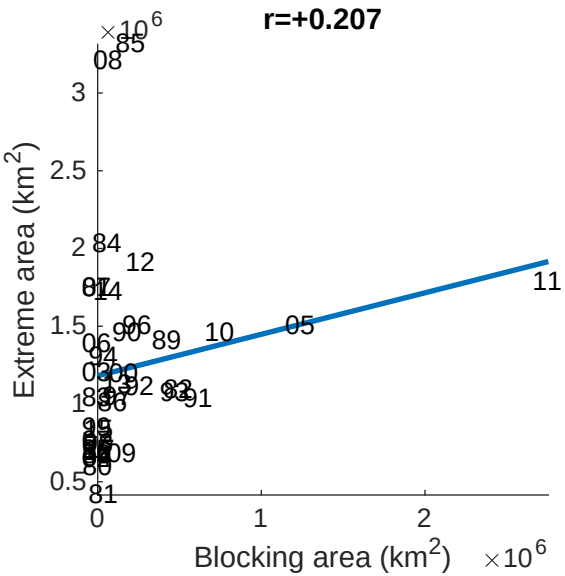


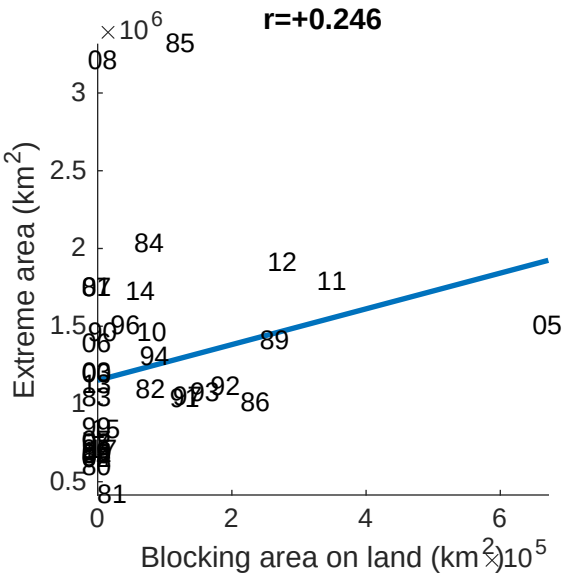
2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr
cold, frac=0.049, r=+0.183

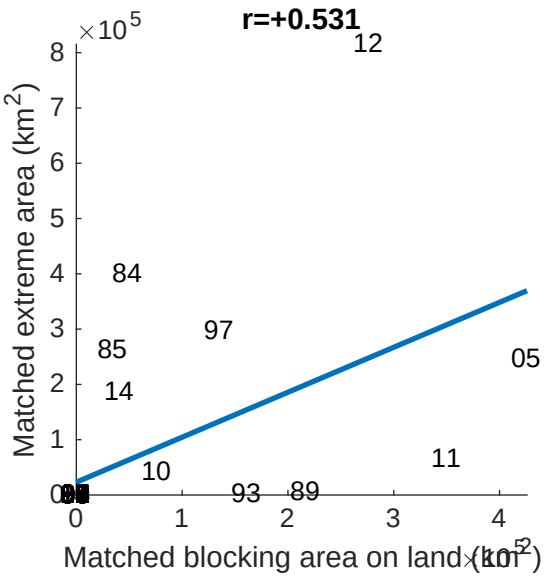






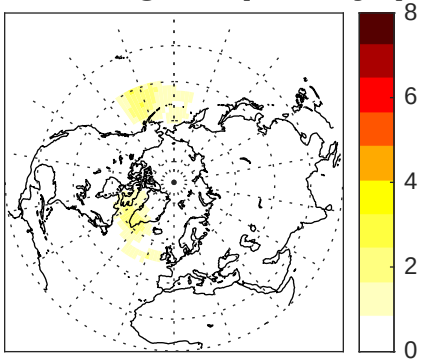




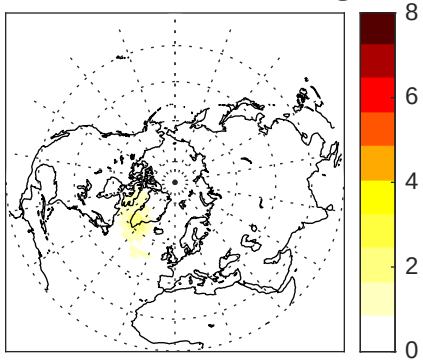


2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr

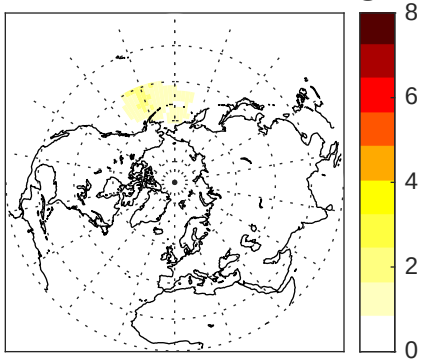
DJF blocking frequency (%)



matched blocking

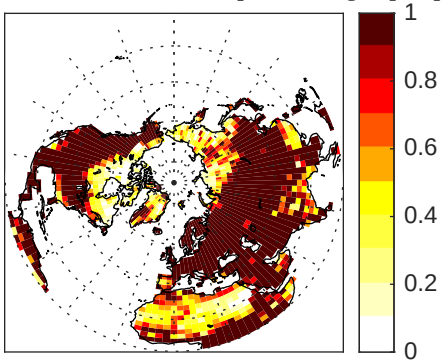


unmatched blocking

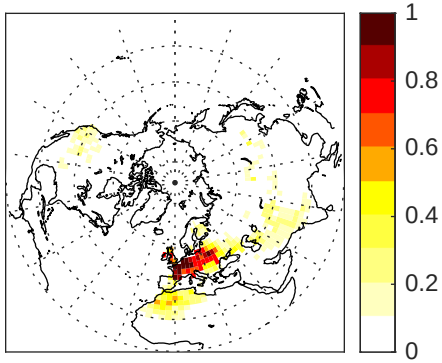


x919: Extreme, 15/15day*11yr, 2.3localstd 0K 40lat

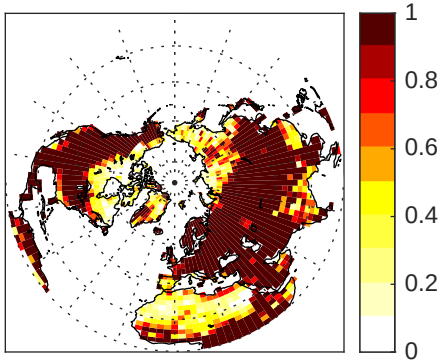
DJF extreme frequency (%)



matched extreme

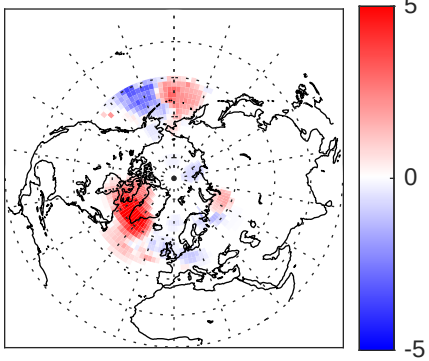


unmatched extreme

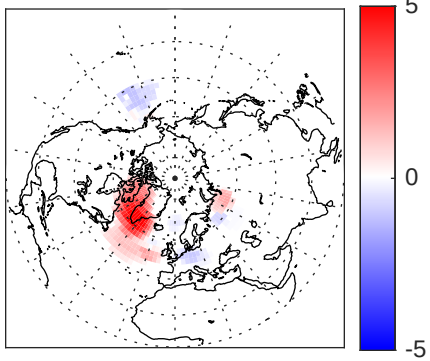


2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr

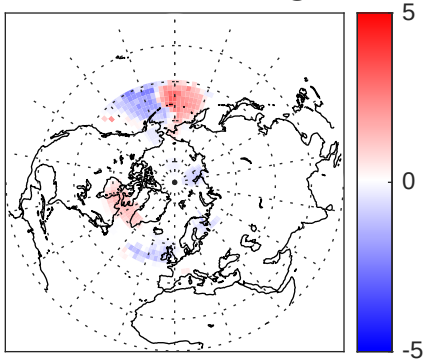
DJF blocking trends (%/30yr)



matched blocking trends

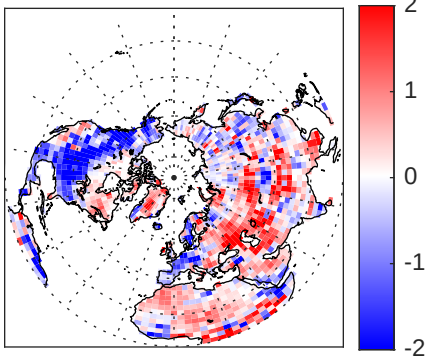


unmatched blocking trends

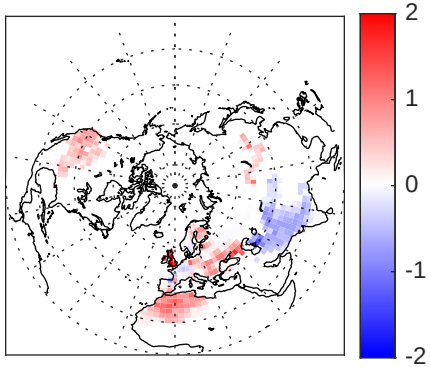


2a74: H14, psi500, prst=0.95,astd40-90N,S=1,A=3 15/15day*11yr

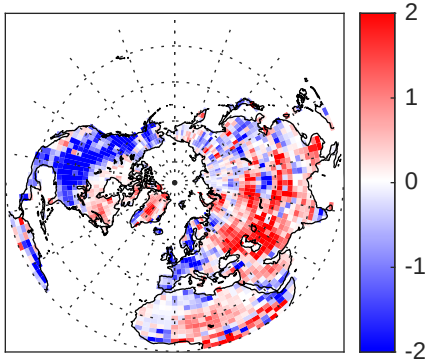
DJF extreme trends (%/30yr)

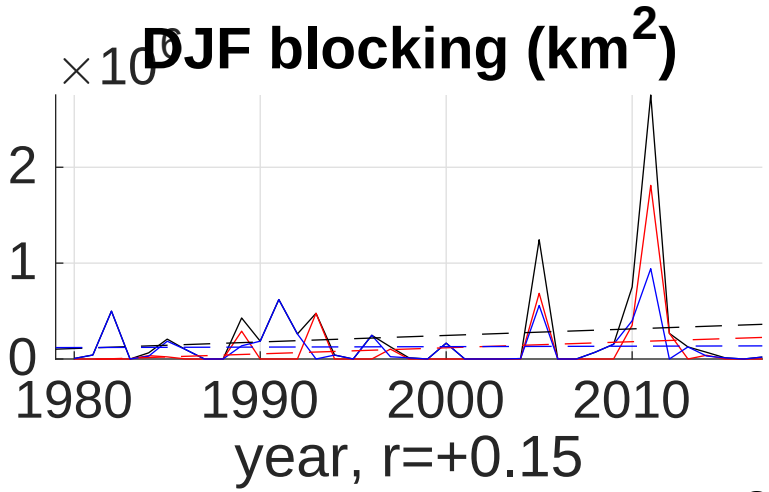


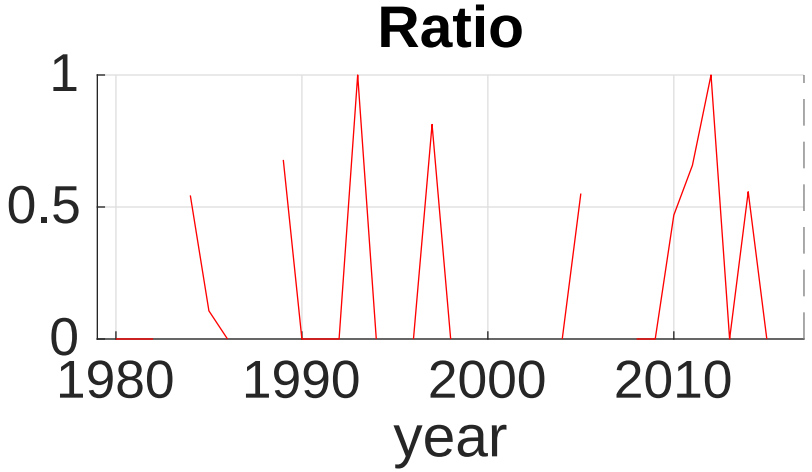
matched extreme trends

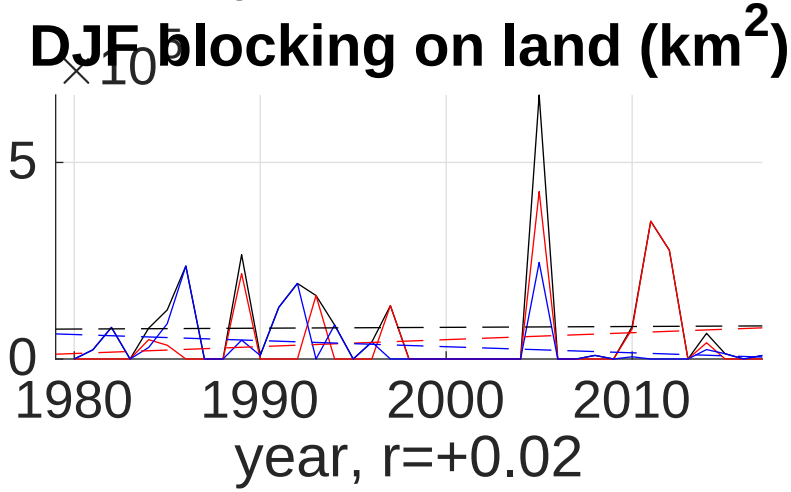


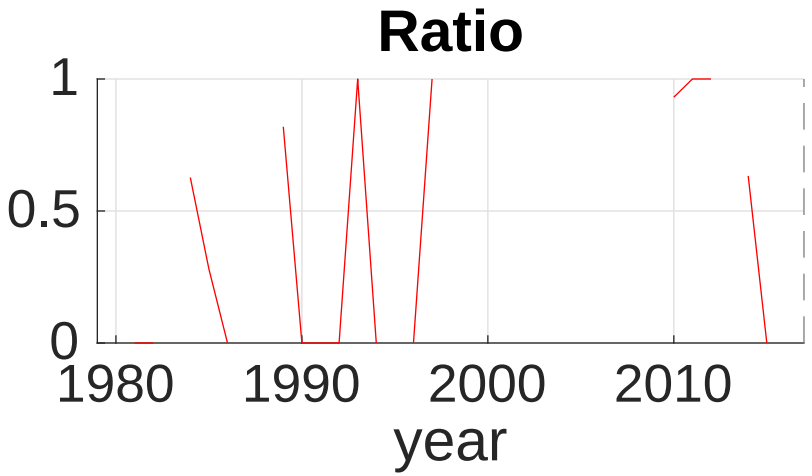
unmatched extreme trends

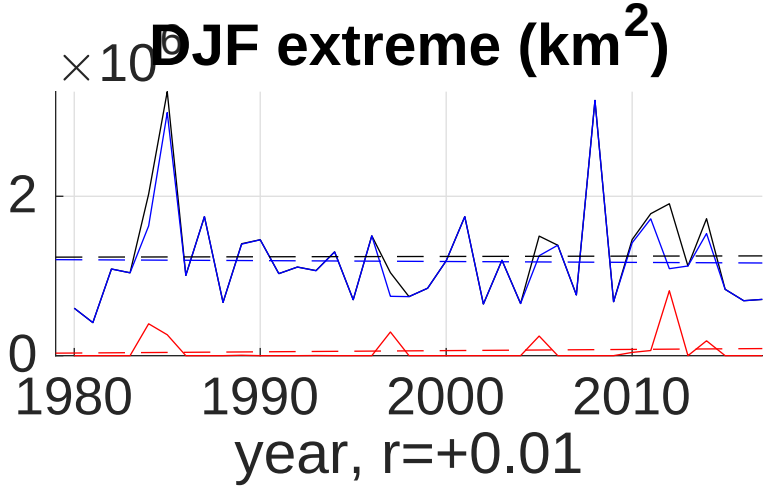


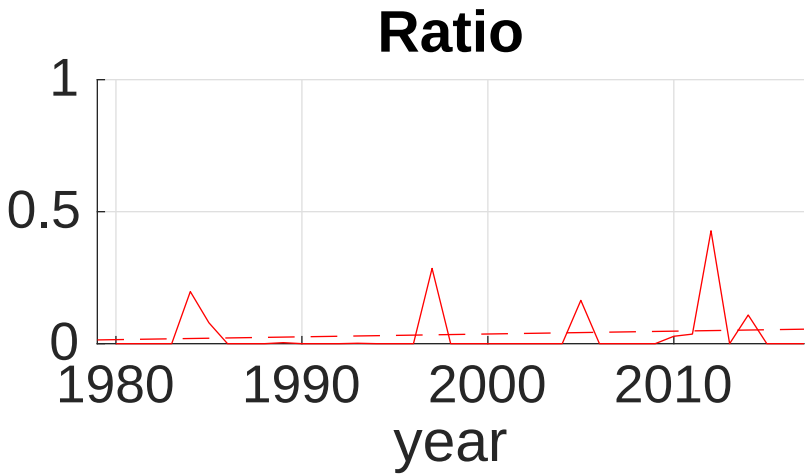

DJF blocking (km2)
×10^6
2
1
0
1980
1990
2000
2010
year, r=+0.15

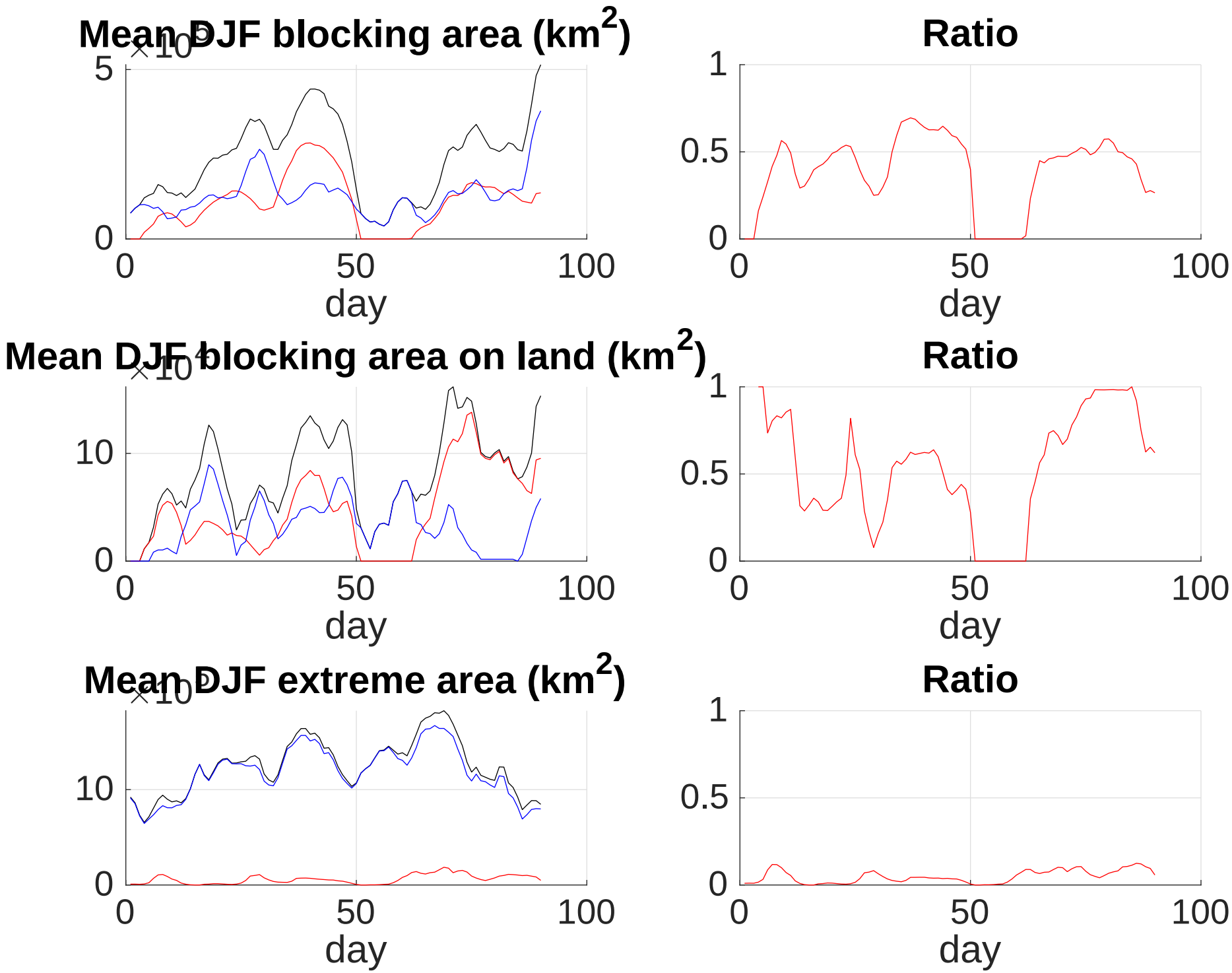

Ratio
1
0.5
0
1980
1990
2000
2010
year


DJF blocking on land (km2)
×10^5
5
0
1980
1990
2000
2010
year, r=+0.02


Ratio
1
0.5
0
1980
1990
2000
2010
year


DJF extreme (km2)
×10^6
2
0
1980
1990
2000
2010
year, r=+0.01


Ratio
1
0.5
0
1980
1990
2000
2010
year


Mean DJF blocking area (km2)
×10^5
5
0
0
50
100
day
Ratio
1
0.5
0
0
50
100
day
Mean DJF blocking area on land (km2)
×10^4
10
0
0
50
100
day
Ratio
1
0.5
0
0
50
100
day
Mean DJF extreme area (km2)
×10^4
10
0
0
50
100
day
Ratio
1
0.5
0
0
50
100
day