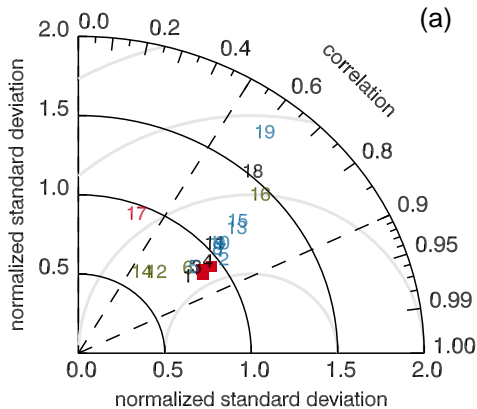


# Nonmountainous (NH)

Pattern Statistics

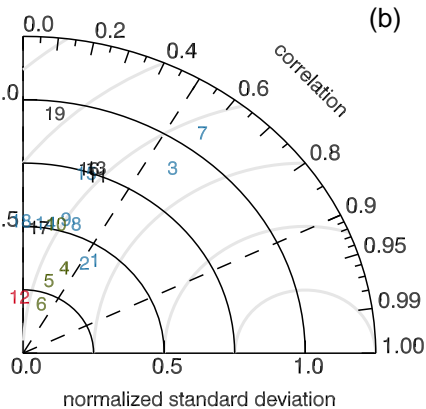


uRMSE

1. BTIM-ERAInt
2. BTIM-J55
3. Crocus v8
4. Crocus v7
5. BTIM-ERA5
6. GLDAS v20N
7. BTIM-M2
8. Crocus-ERA5
9. ERA5-Snow
10. ERA5
11. MERRA
12. GLDAS v22C
13. ERA5-Land
14. GLDAS v20C
15. MERRA2
16. GLDAS v21N
17. JAXA
18. ERAInt-Land
19. JRA55

# Mountainous (NA only)

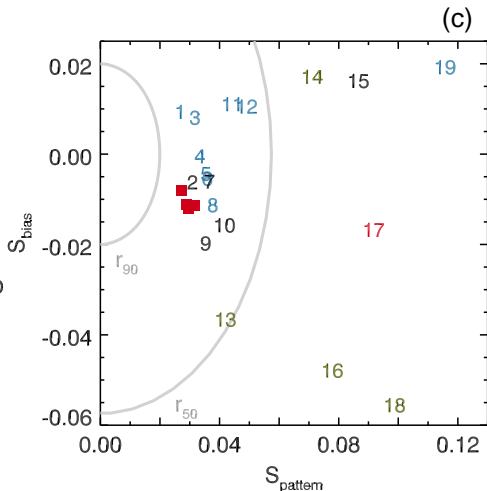
normalized standard deviation



uRMSE

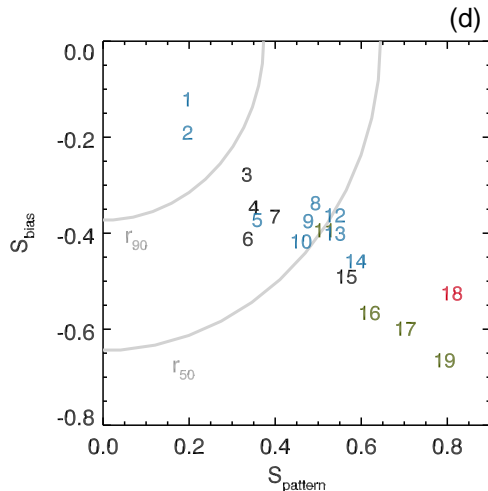
1. ERA5-Snow
2. ERA5
3. Crocus-ERA5
4. GLDAS v20N
5. GLDAS v22C
6. GLDAS v20C
7. ERA5-Land
8. BTIM-ERA5
9. BTIM-M2
10. GLDAS v21N
11. MERRA
12. JAXA
13. Crocus v7
14. BTIM-J55
15. MERRA2
16. Crocus v8
17. BTIM-ERAInt
18. JRA55
19. ERAInt-Land

Target Statistics



Combined Skill

- $-r_{90}$
1. BTIM-J55
  2. Crocus v7
  3. BTIM-M2
  4. Crocus-ERA5
  5. ERA5-Snow
  6. ERA5
  7. MERRA
  8. BTIM-ERA5
  9. Crocus v8
  10. BTIM-ERAInt
  11. ERA5-Land
  12. MERRA2
  13. GLDAS v20N
- $-r_{50}$
14. GLDAS v21N
  15. ERAInt-Land
  16. GLDAS v22C
  17. JAXA
  18. GLDAS v20C
  19. JRA55



Combined Skill

- $-r_{90}$
1. ERA5-Land
  2. Crocus-ERA5
- $-r_{50}$
3. Crocus v7
  4. Crocus v8
  5. MERRA2
  6. MERRA
  7. ERAInt-Land
  8. ERA5-Snow
  9. BTIM-M2
  10. BTIM-ERA5
  11. GLDAS v21N
  12. ERA5
  13. BTIM-J55
  14. JRA55
  15. BTIM-ERAInt
  16. GLDAS v20N
  17. GLDAS v22C
  18. JAXA
  19. GLDAS v20C