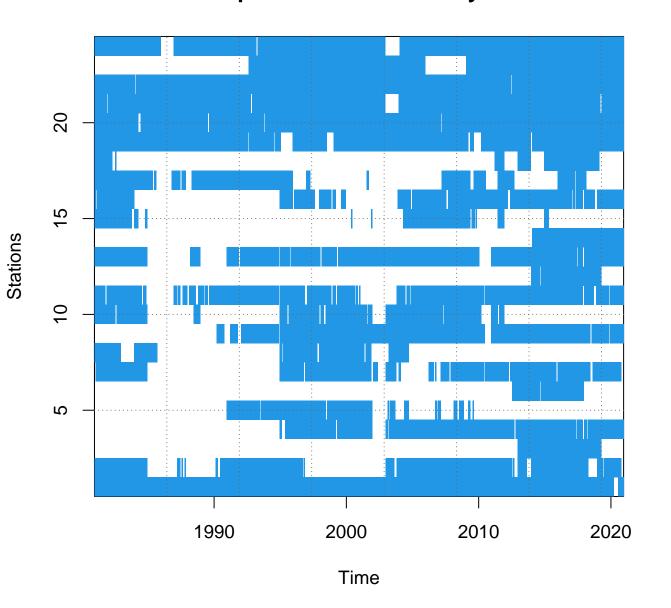
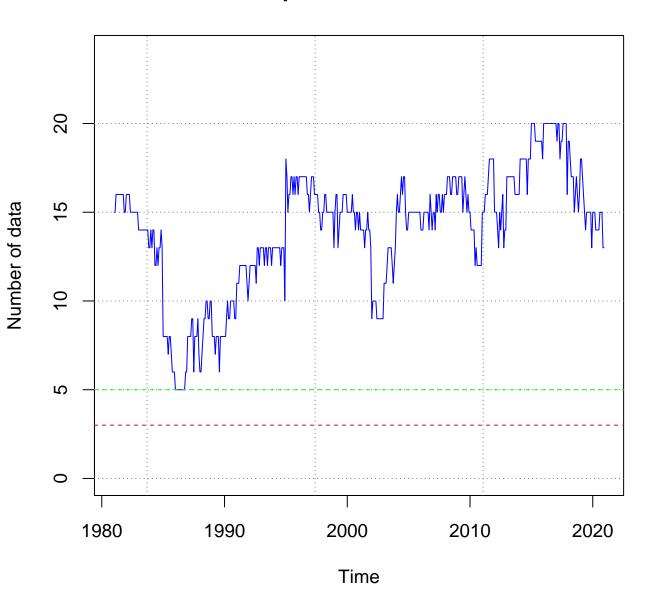
CLIMATOL 3.1.1

Homogenization graphic output of pre-m
1981-2020

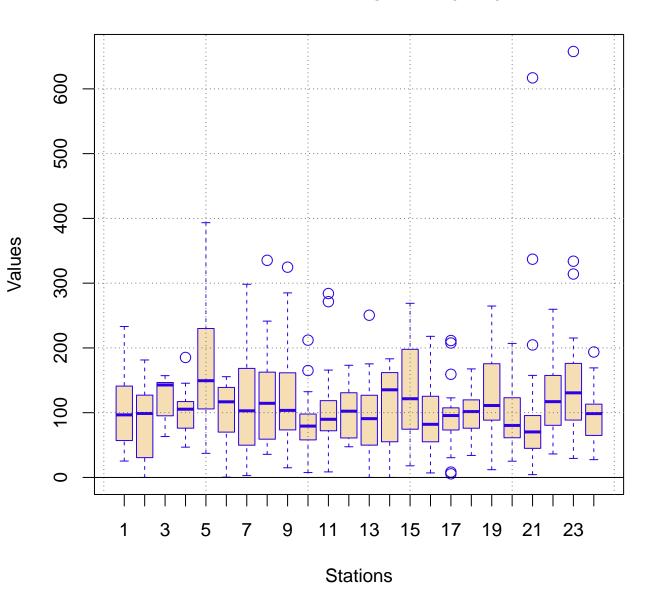
pre-m data availability



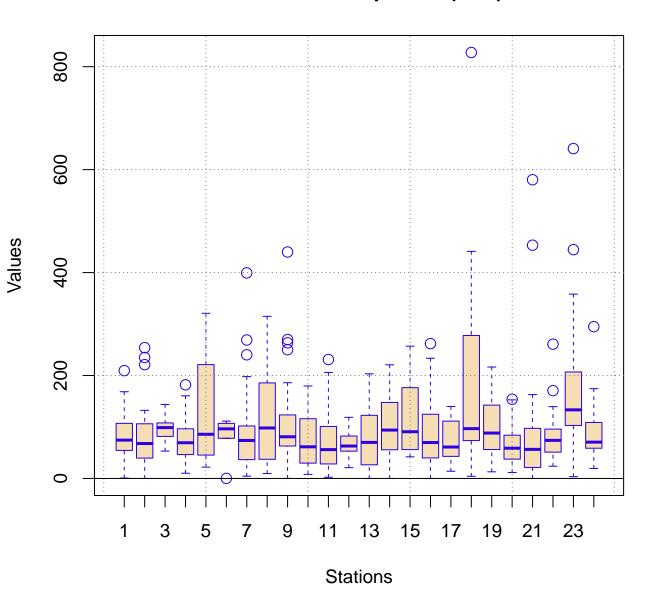
Number of pre-m data in all stations



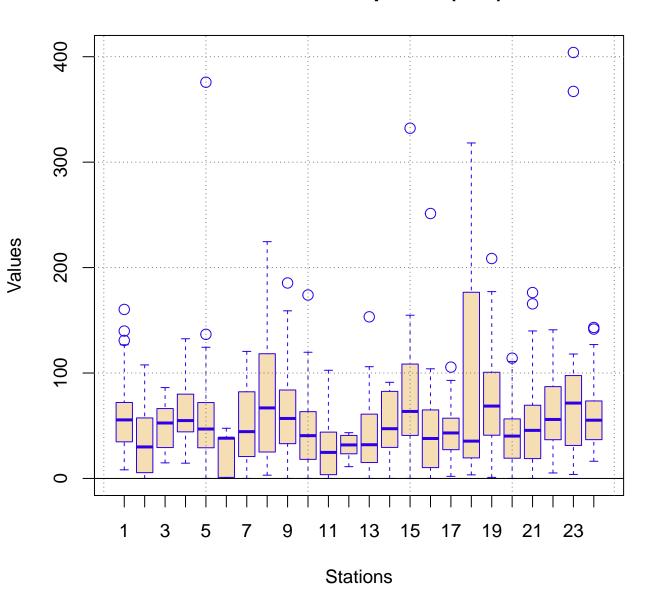
Data values of pre-m (Jan)



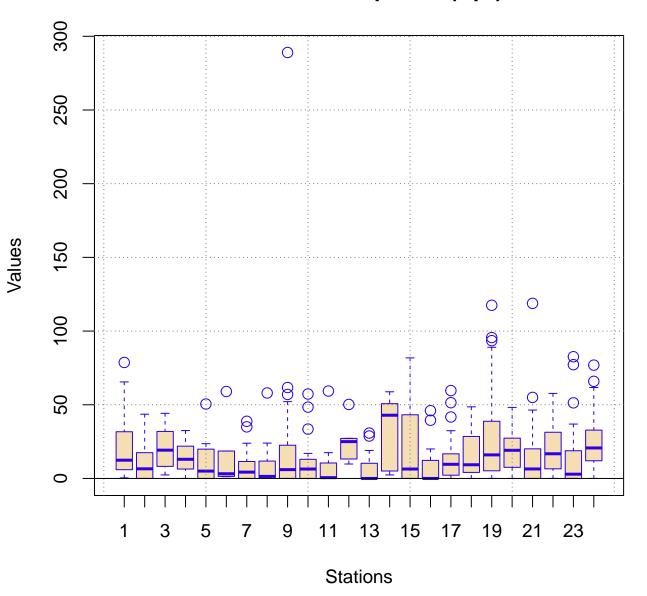
Data values of pre-m (Feb)



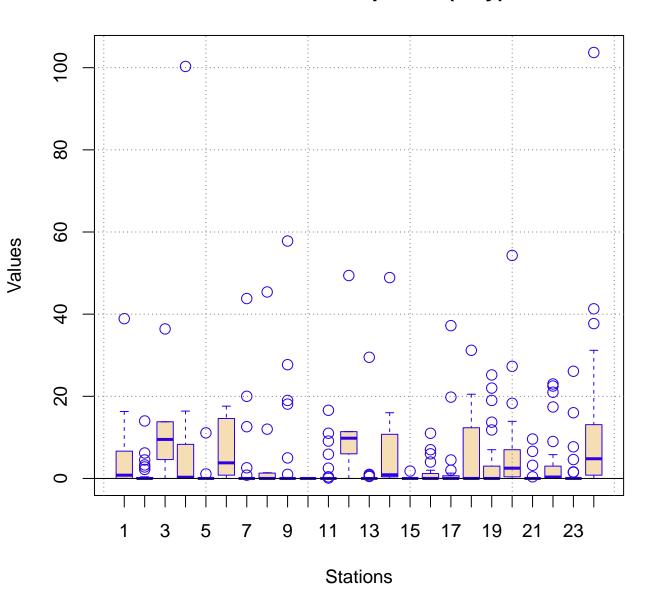
Data values of pre-m (Mar)



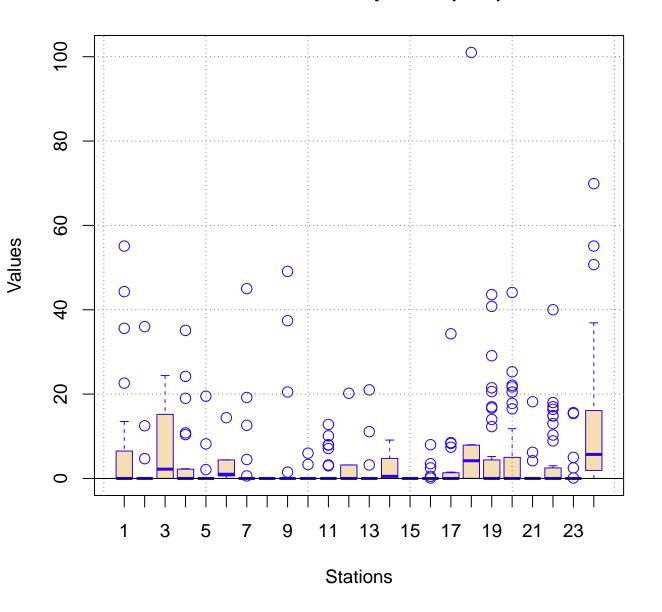
Data values of pre-m (Apr)



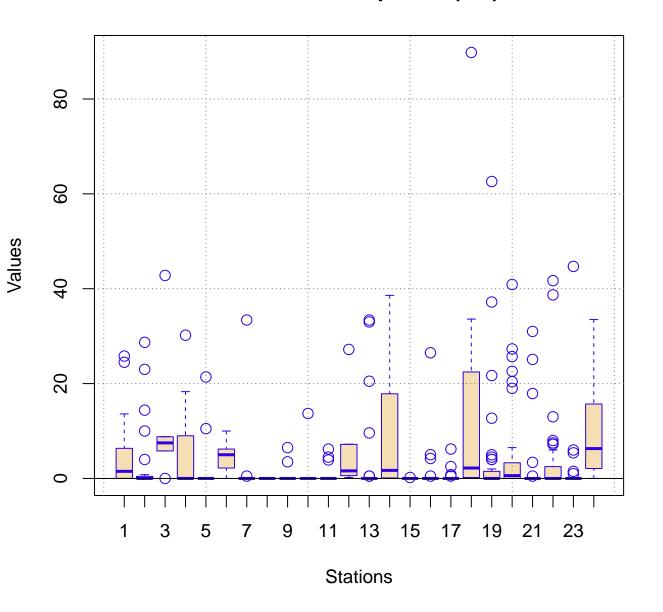
Data values of pre-m (May)



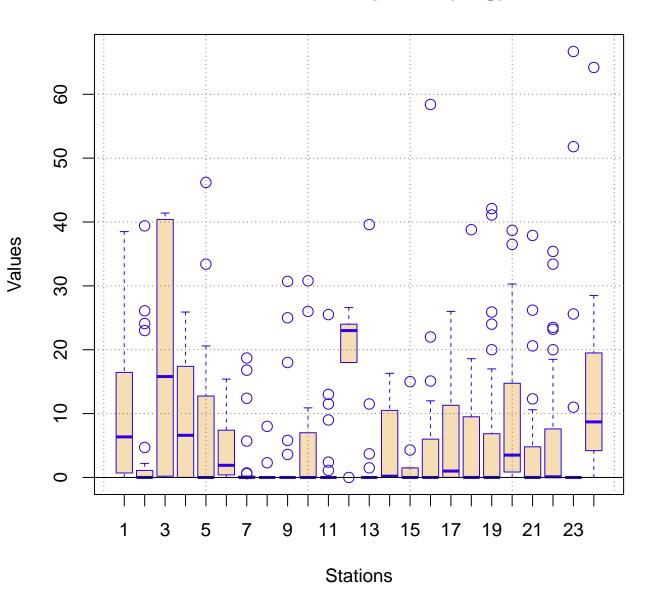
Data values of pre-m (Jun)



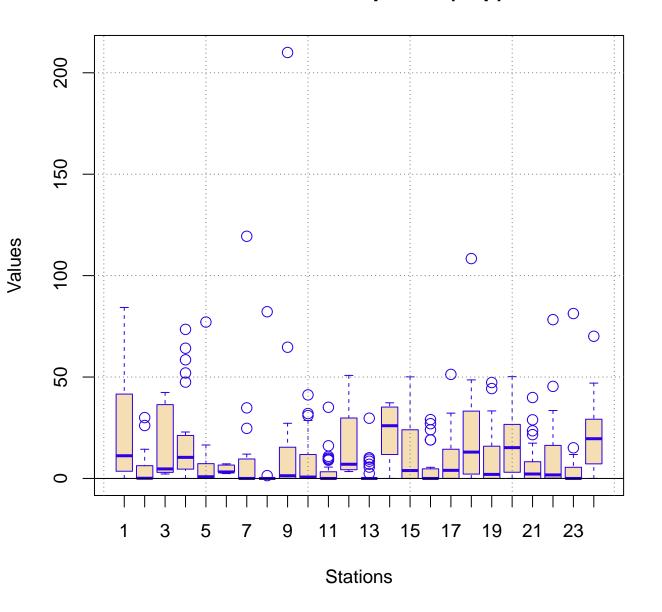
Data values of pre-m (Jul)



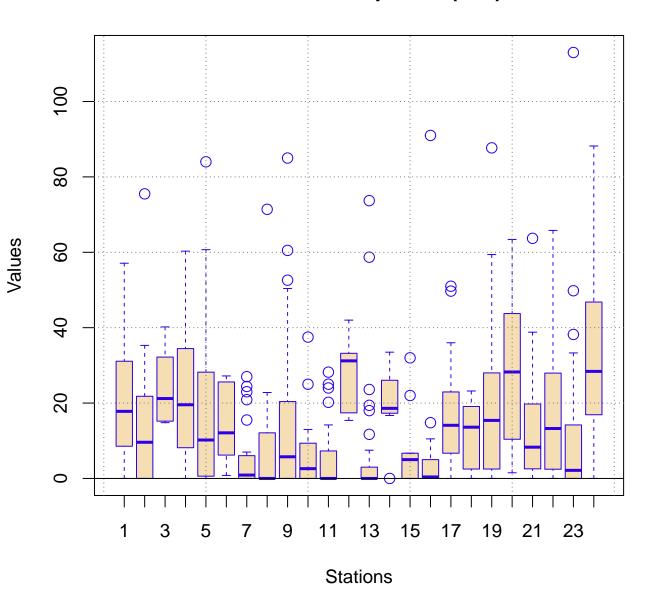
Data values of pre-m (Aug)



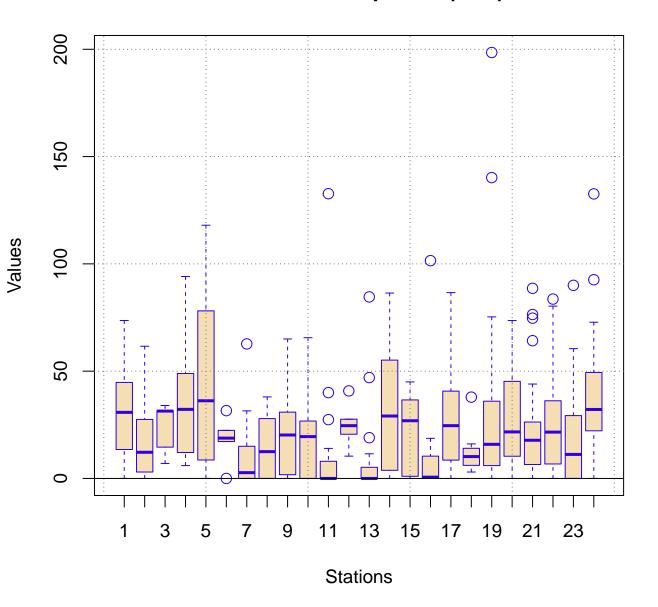
Data values of pre-m (Sep)



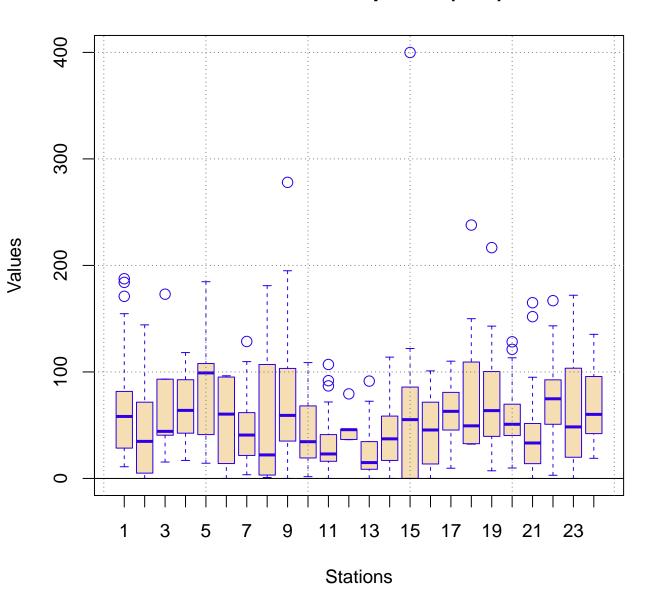
Data values of pre-m (Oct)



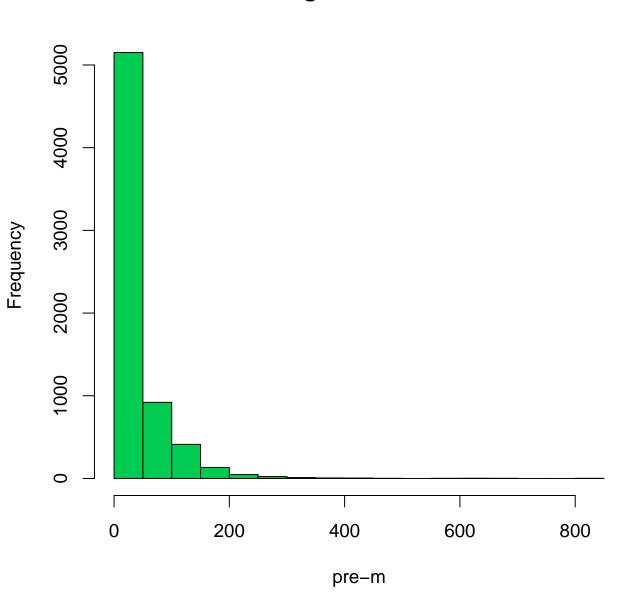
Data values of pre-m (Nov)



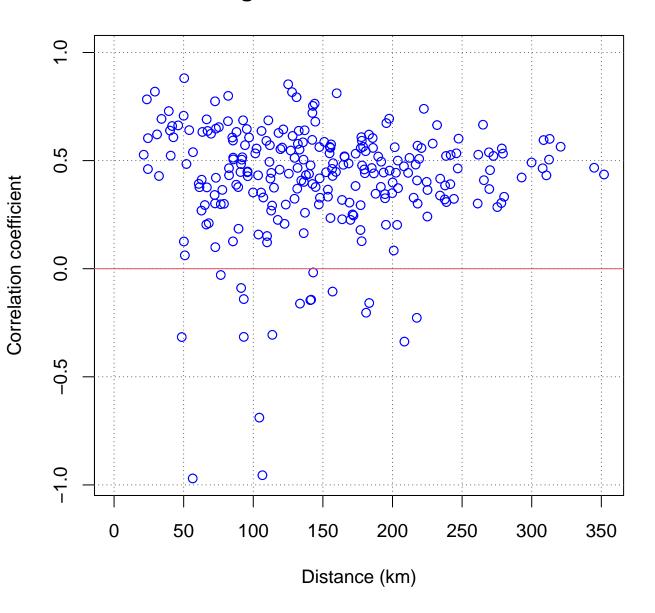
Data values of pre-m (Dec)



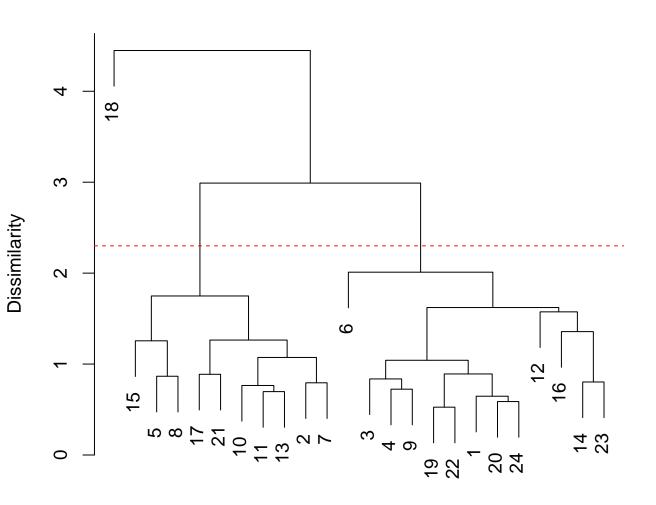
Histogram of all data



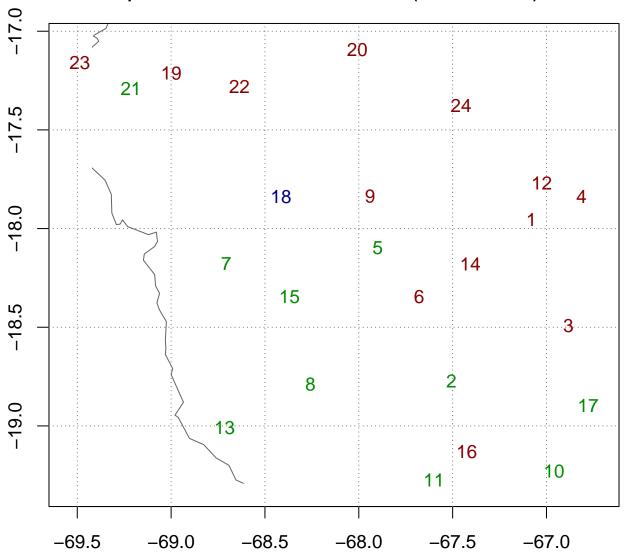
Correlogram of first difference series



Dendrogram of station clusters



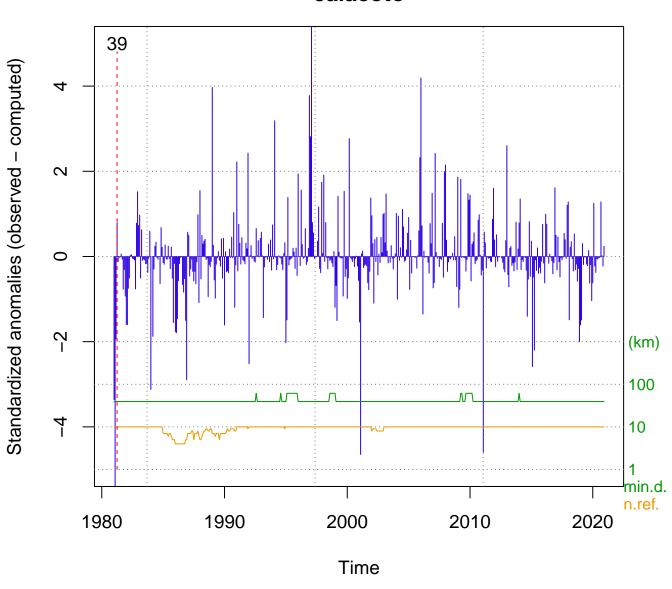
pre-m station locations (3 clusters)



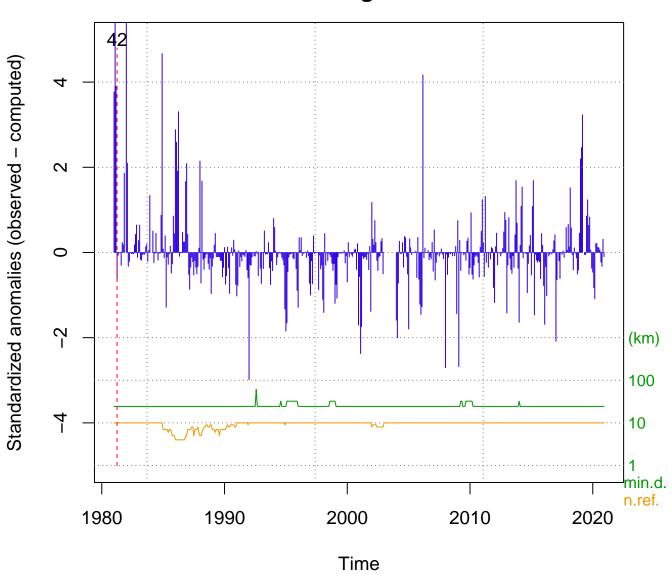
Stage 1

Binary splits on 60 term stepped windows with SNHT > 30 and wd = 0 km

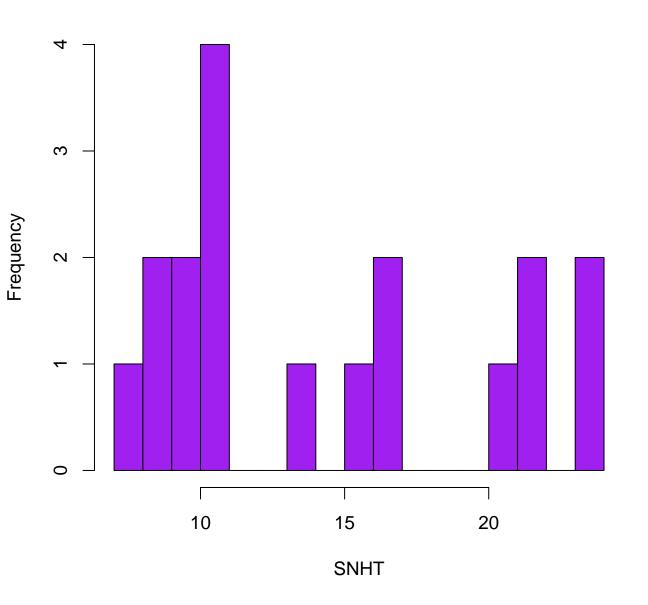
pre-m 22 (203) calacoto



pre-m 21 (202) berenguela



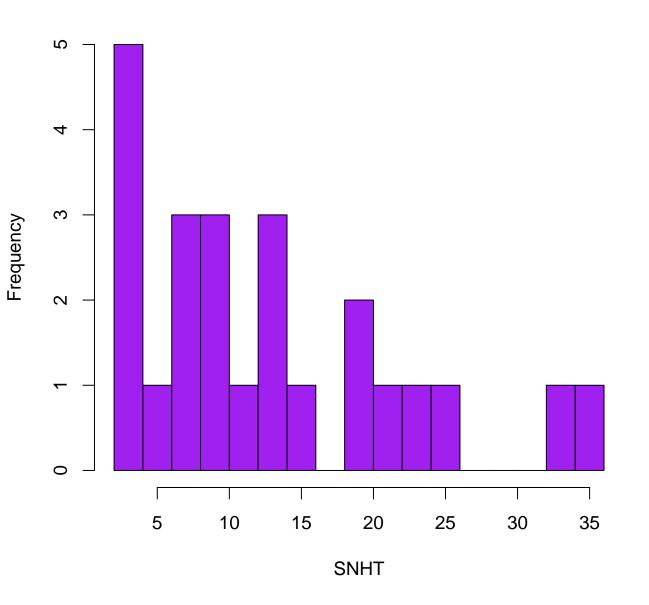
Histogram of maximum SNHT (Stage 1)



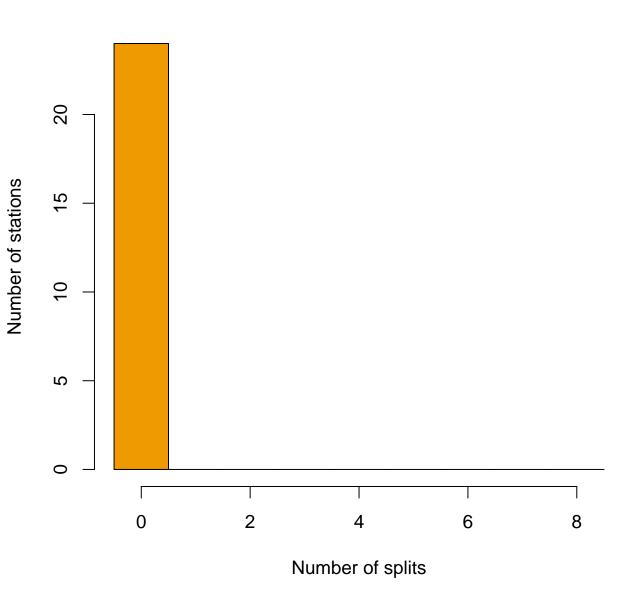
Stage 2

Binary splits on whole series with SNHT > 44 and wd = 0 km

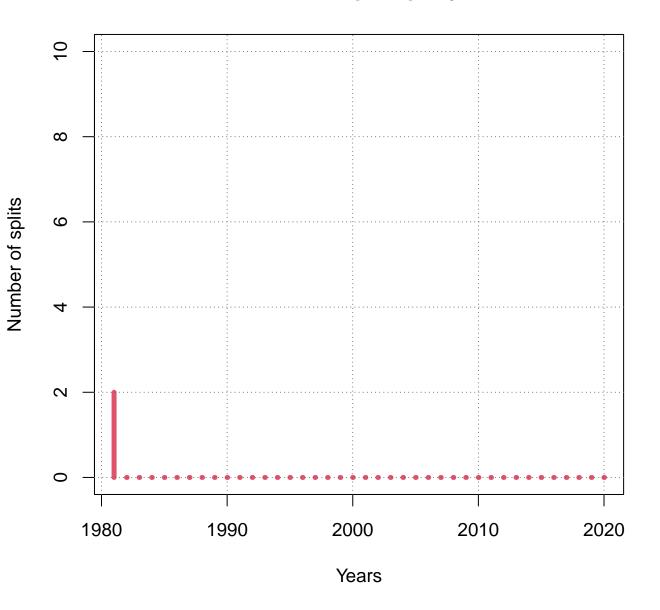
Histogram of maximum SNHT (Stage 2)



Number of splits per station



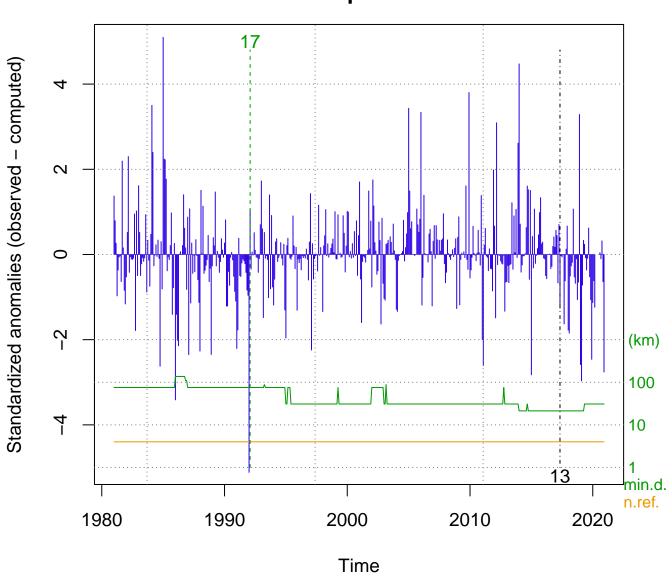
Number of splits per year



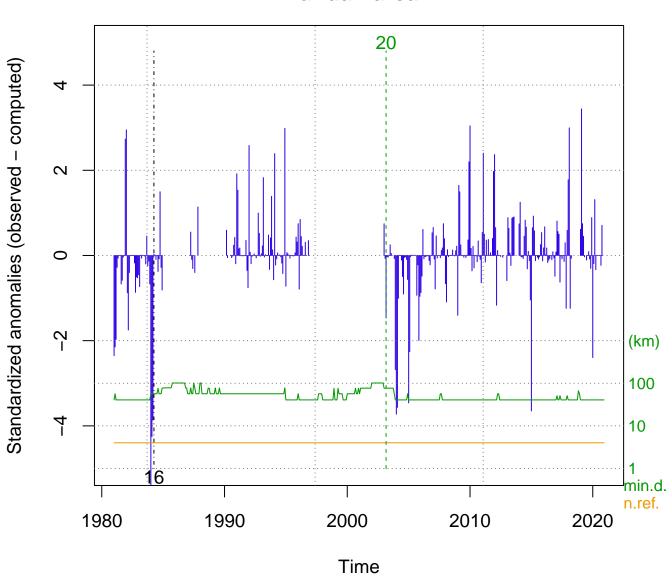
Stage 3

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Anomalies after missing data recalculation with wd = 100 km ( swa = 60 )
```

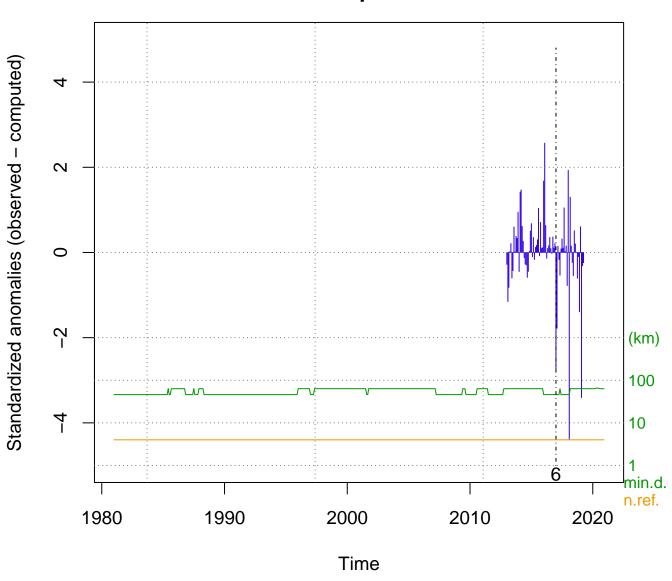
pre-m 1 (100) aeropuerto



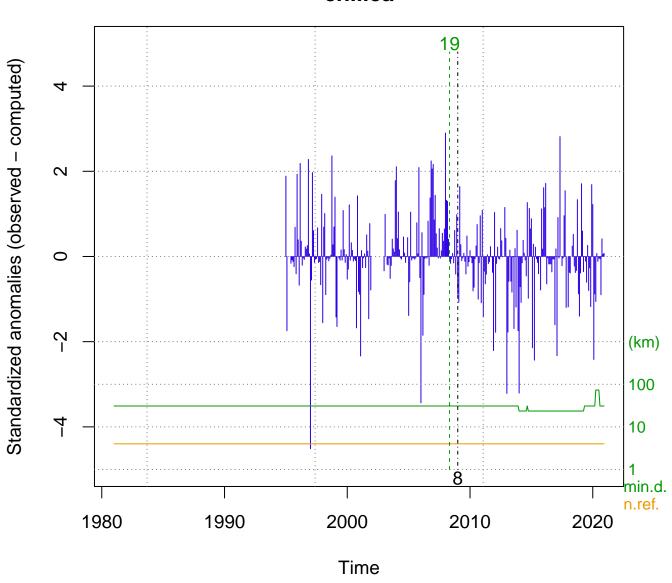
pre-m 2 (101) andamarca



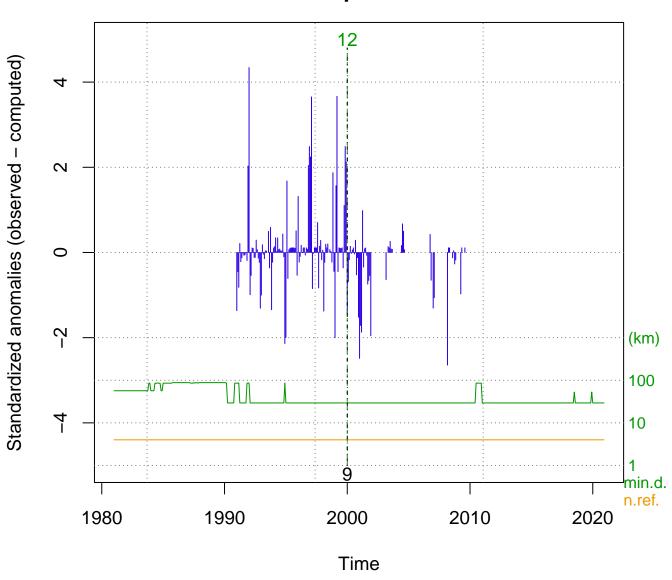
pre-m 3 (102) antequera



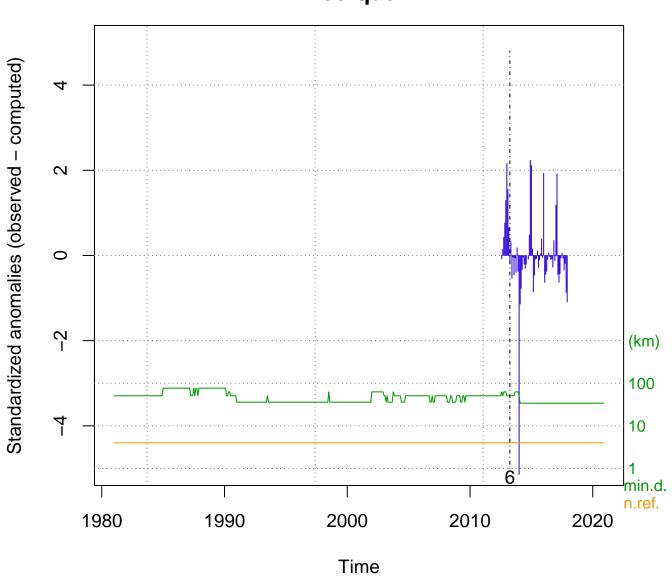
pre-m 4 (105) chillca



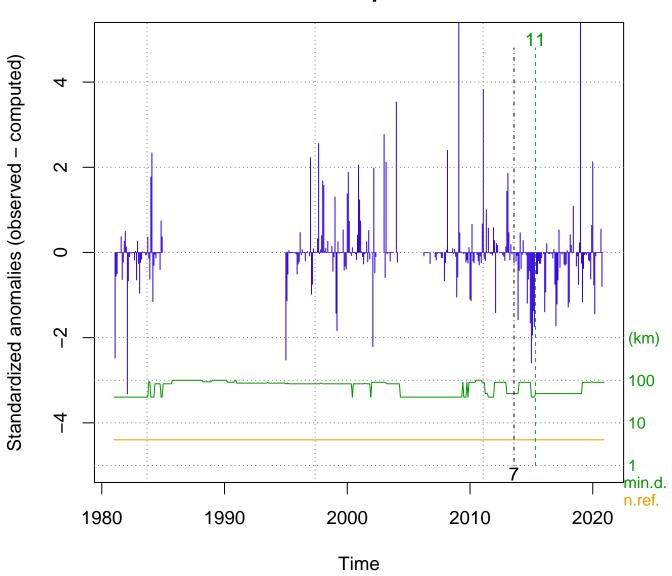
pre-m 5 (106) choquecota



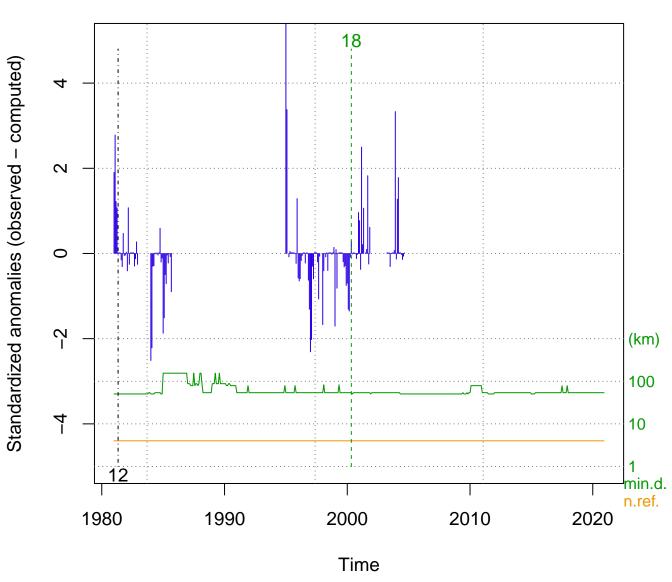
pre-m 6 (107) corque



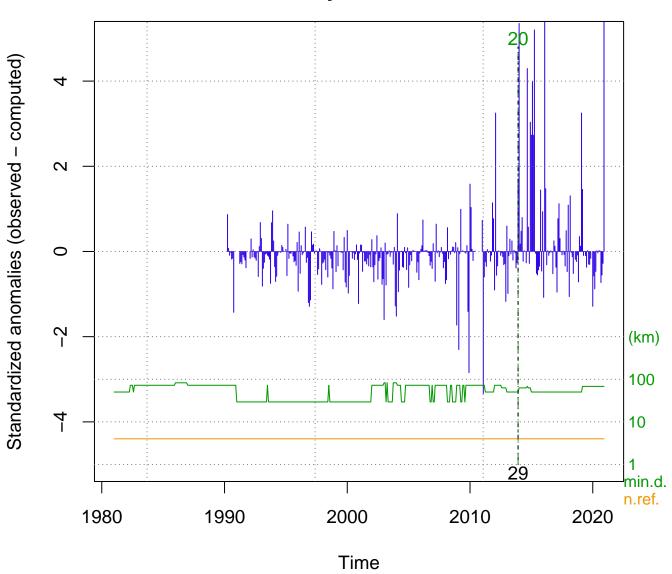
pre-m 7 (108) cosapa



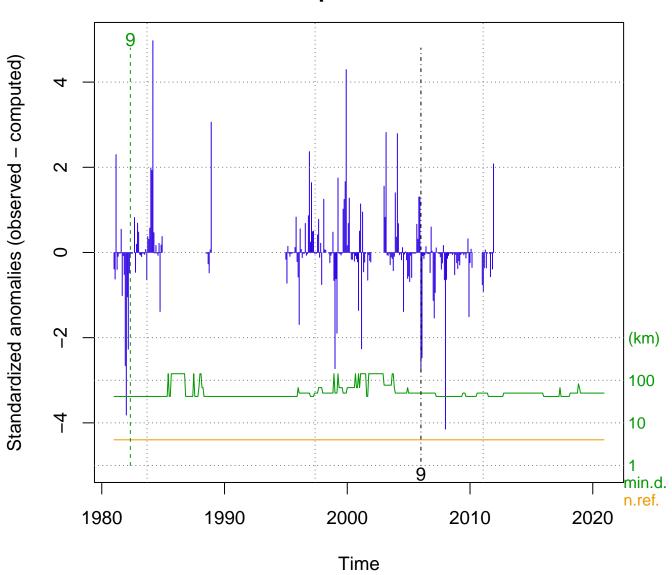




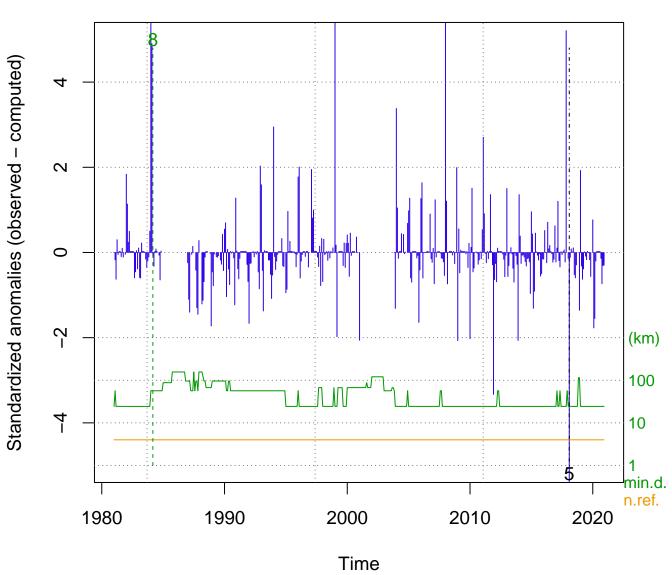
pre-m 9 (112) huayllamarca



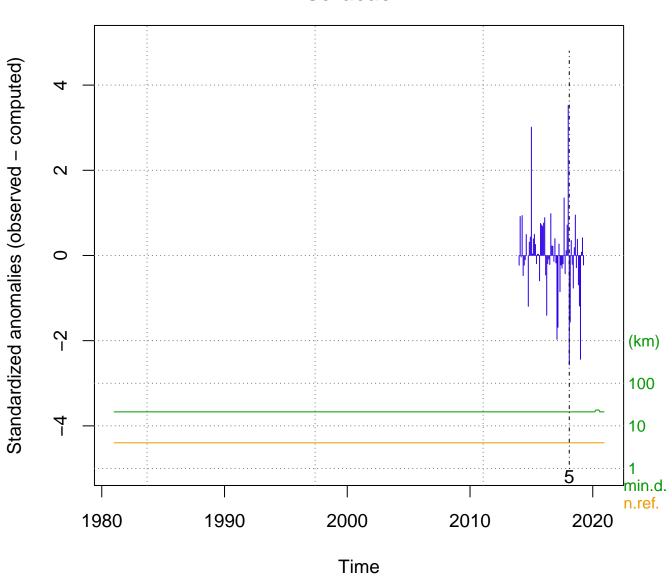
pre-m 10 (113) quillacas



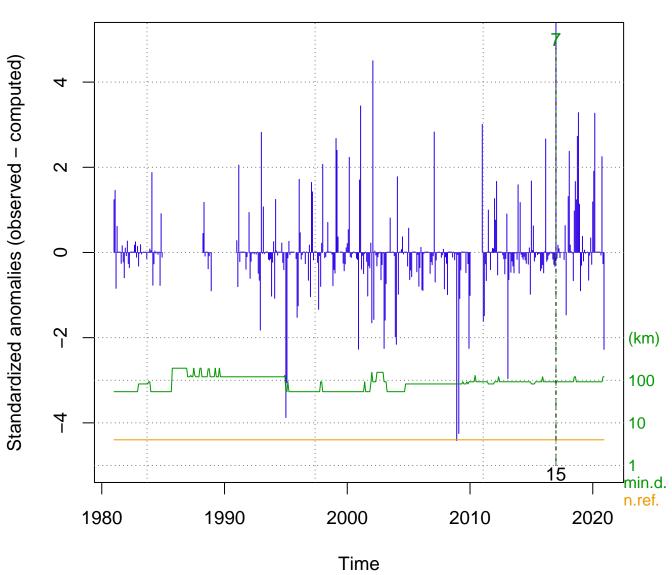




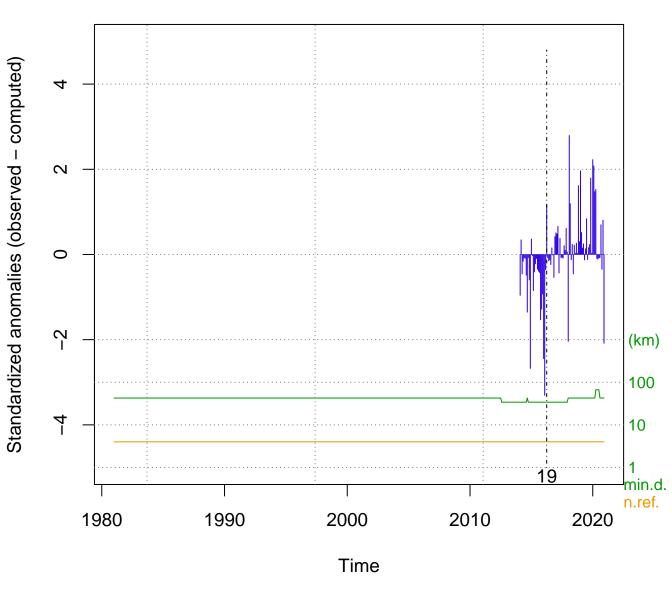
pre-m 12 (115) soracachi



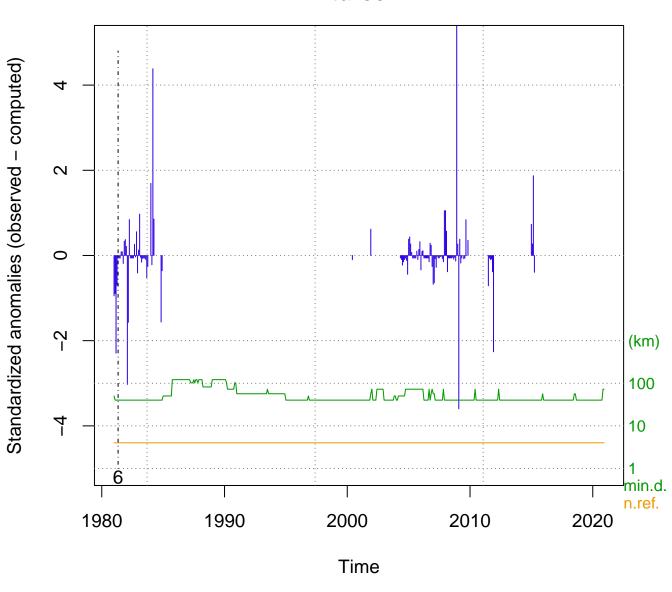
pre-m 13 (116) todo_santos



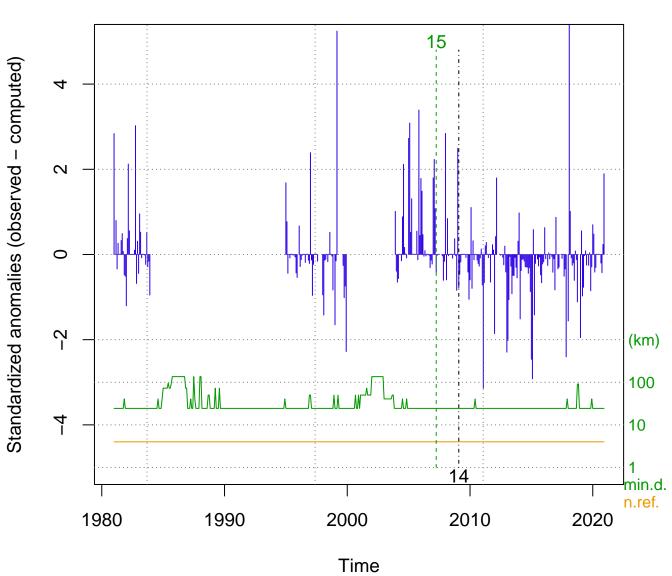
pre-m 14 (117) toledo



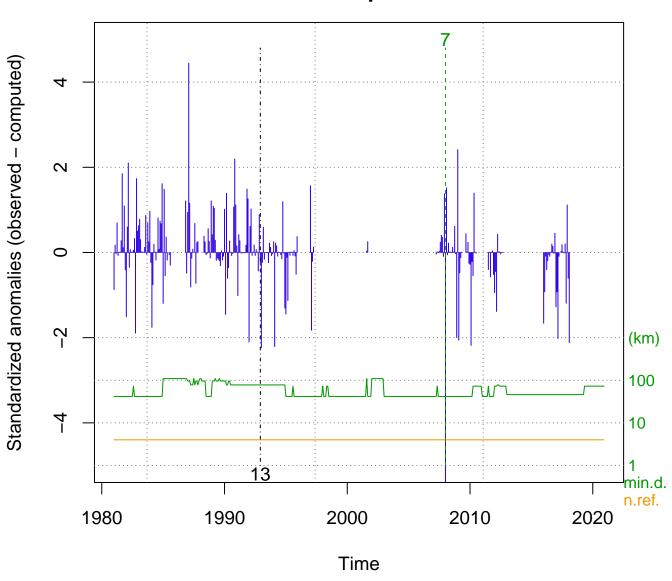
pre-m 15 (118) turco



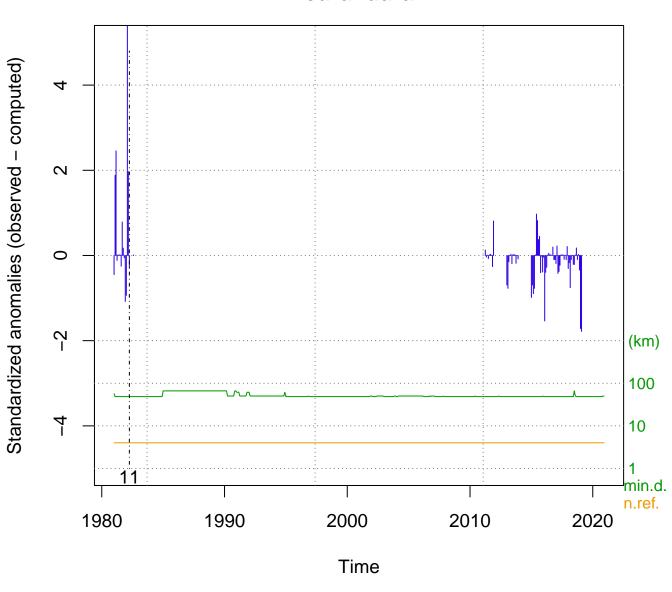
pre-m 16 (119) ucumasi



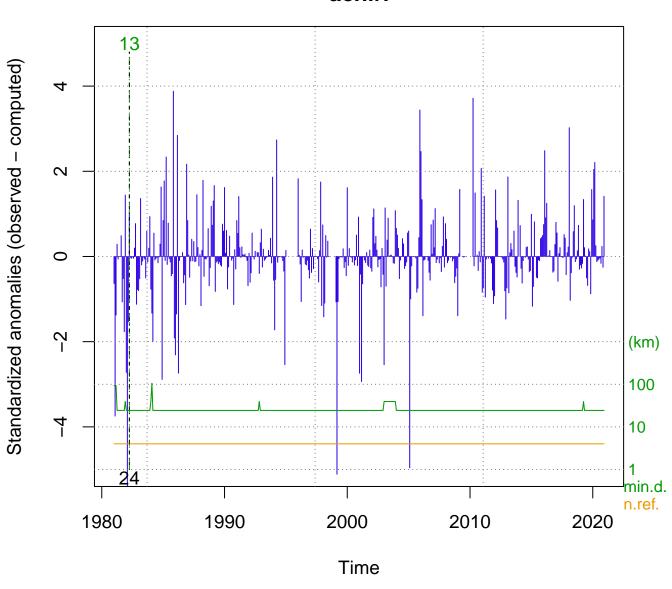
pre-m 17 (120) challapata



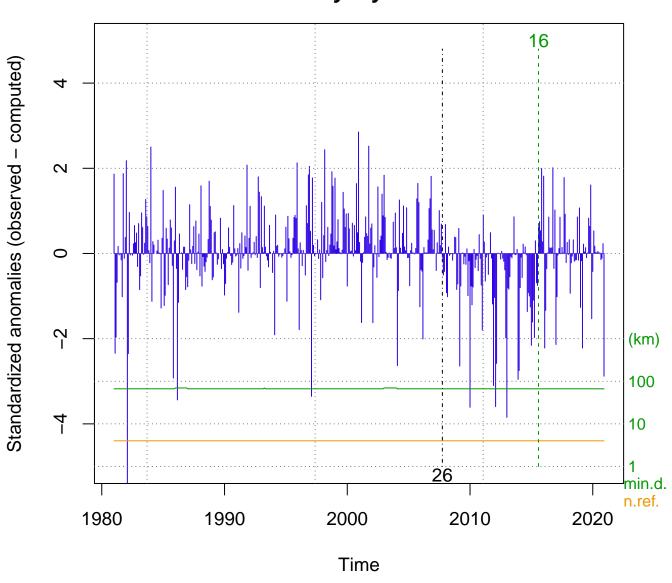
pre-m 18 (121) curahuara



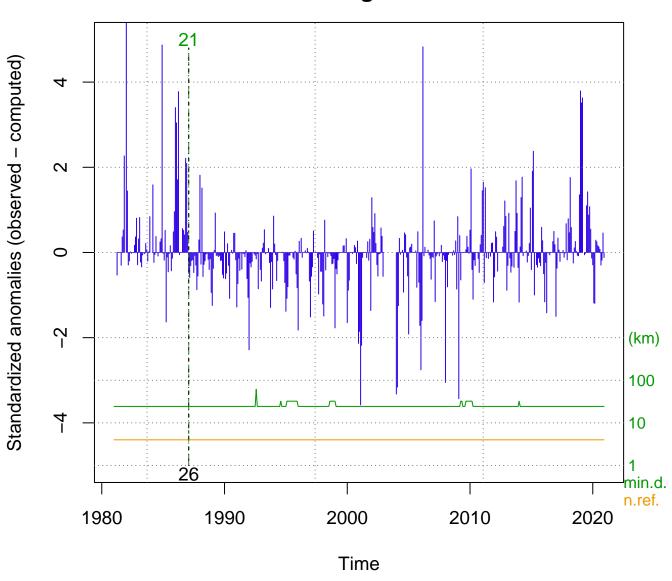
pre-m 19 (200) achiri



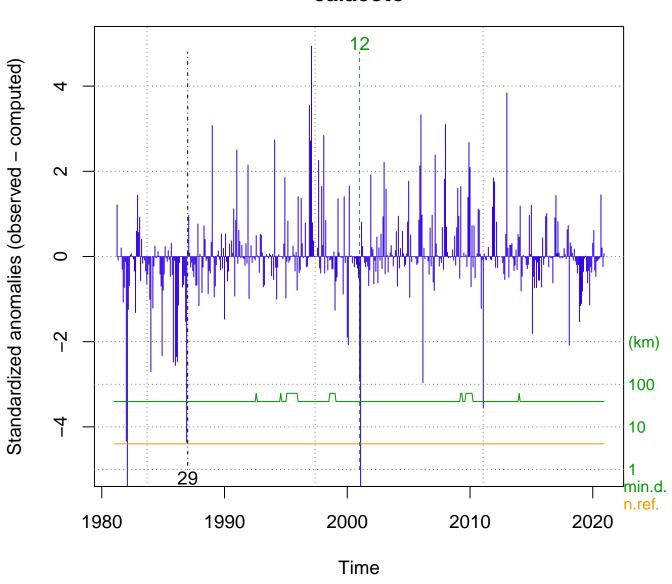
pre-m 20 (201) ayoayo



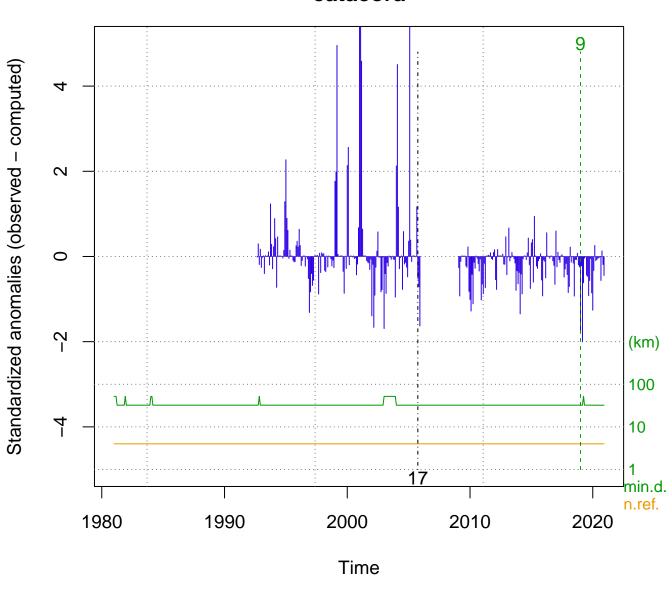
pre-m 21 (202) berenguela



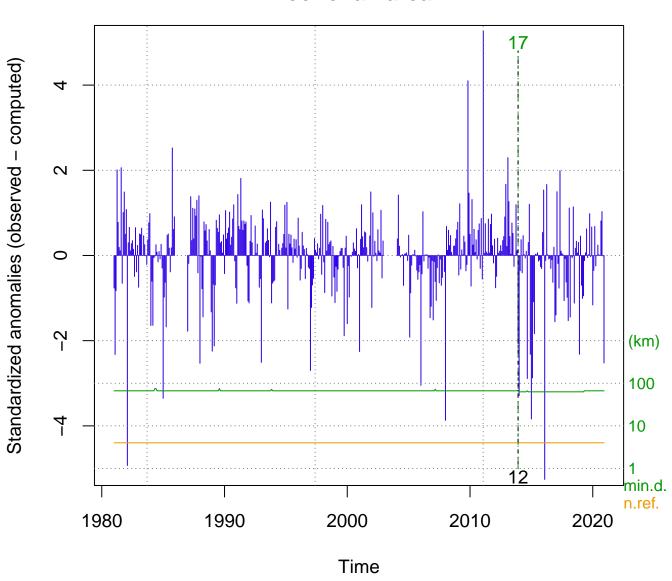
pre-m 22 (203) calacoto



pre-m 23 (204) catacora



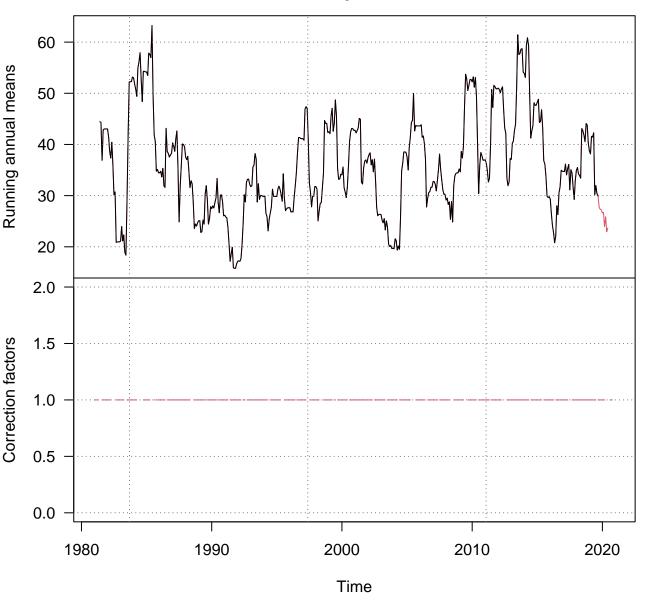
pre-m 24 (205) conchamarca



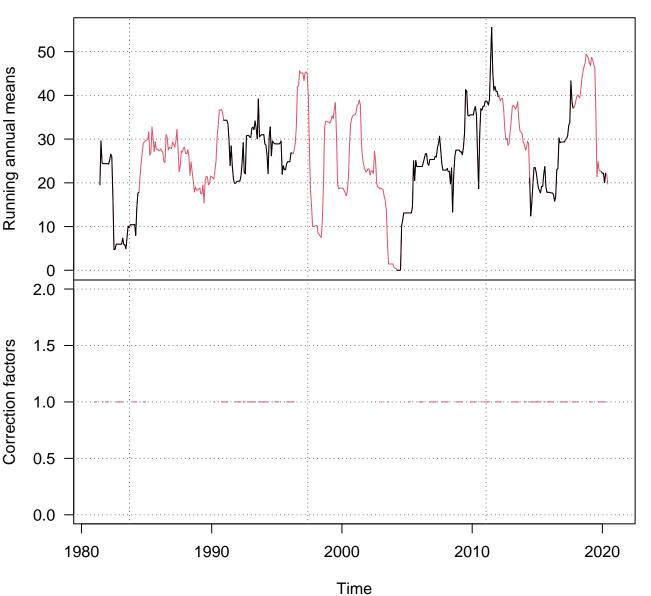
Final graphics

Adjusted series and applied corrections

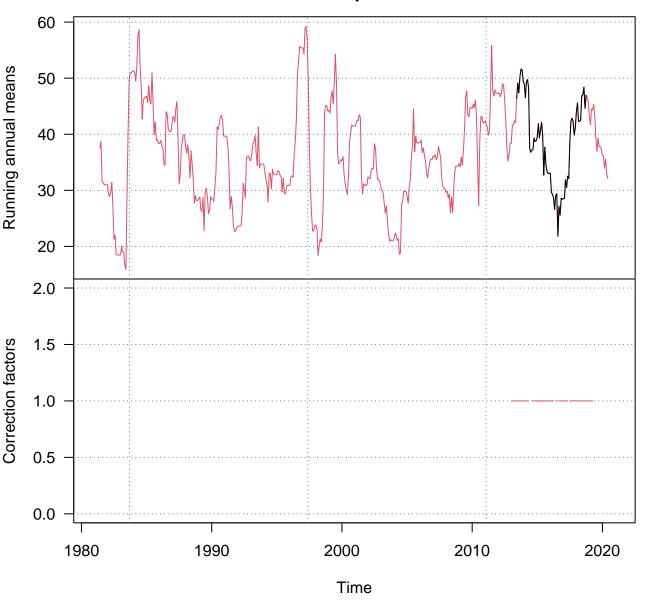




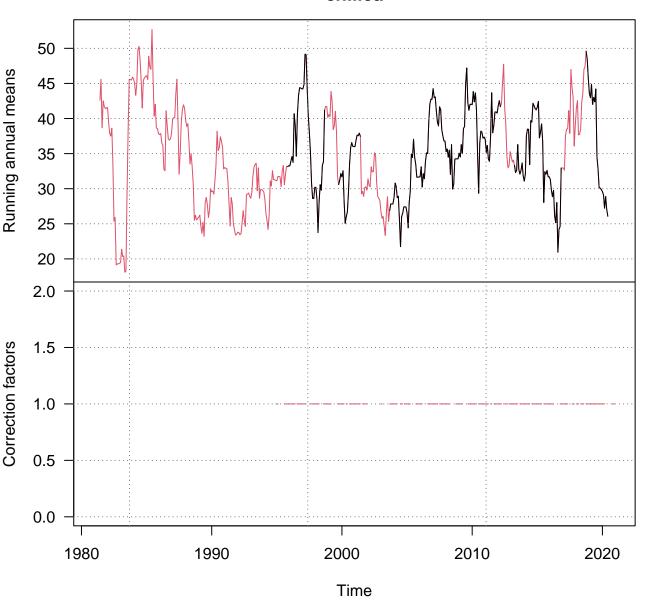


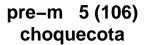


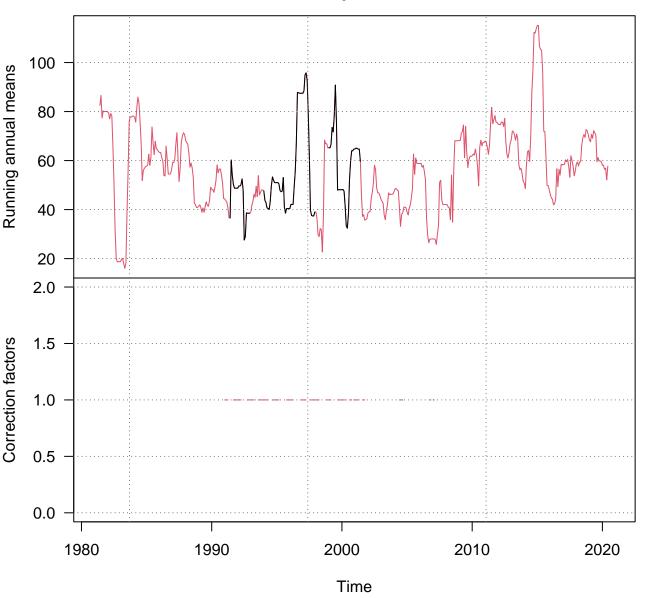




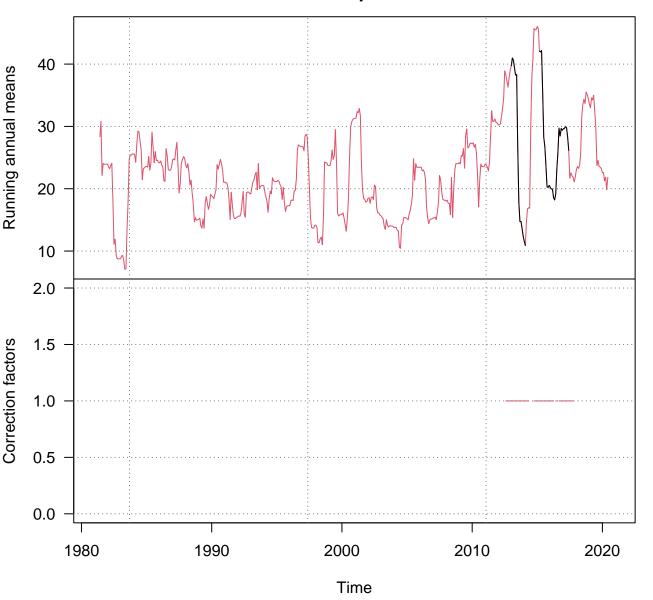
pre-m 4 (105) chillca

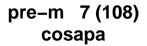


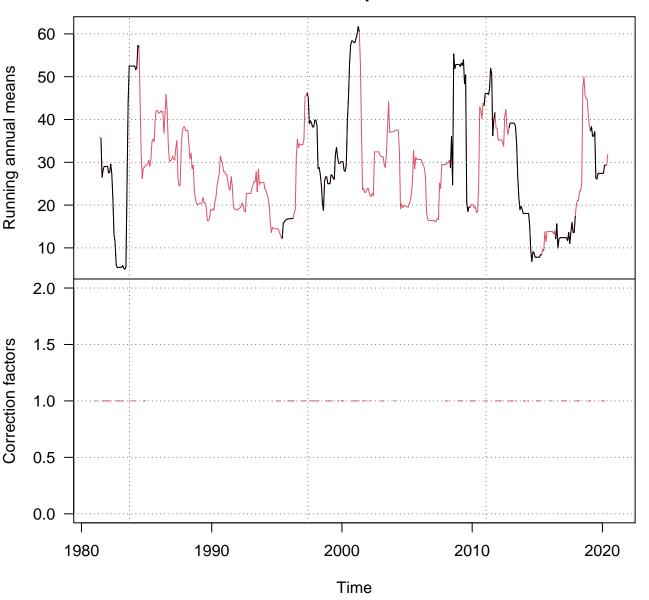




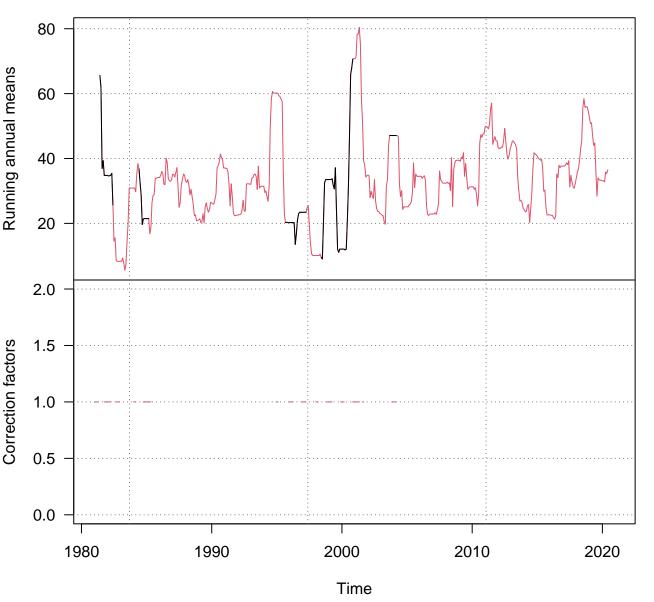


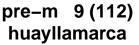


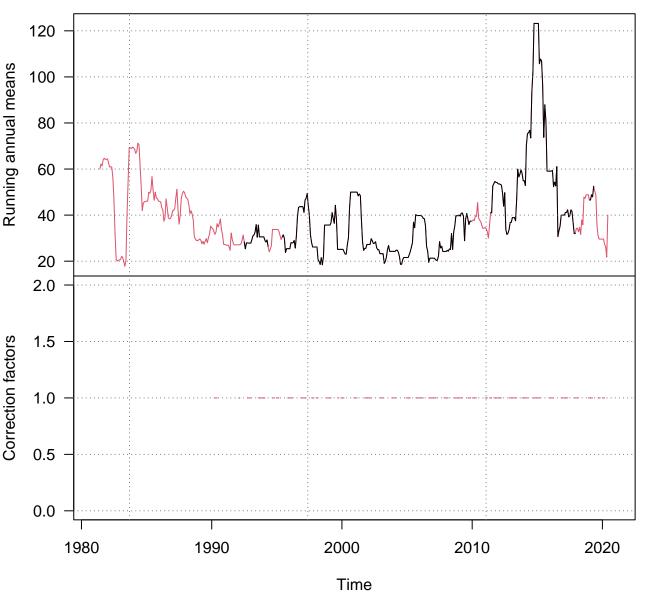




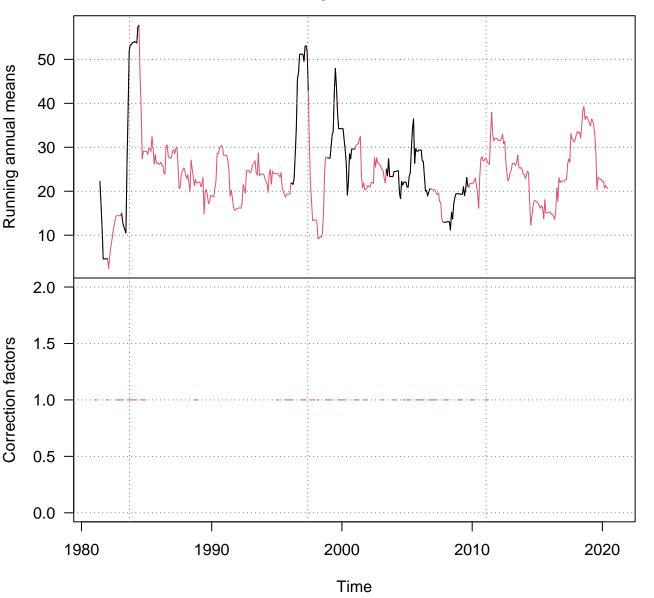


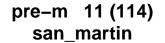


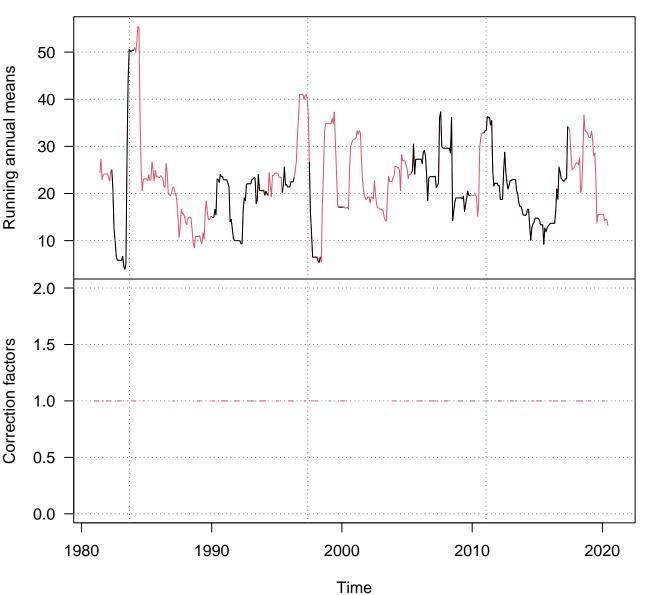


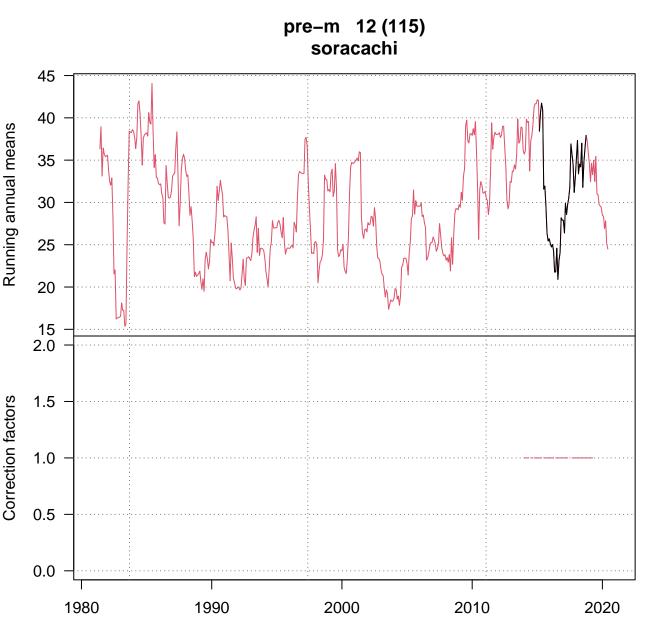




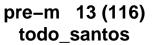


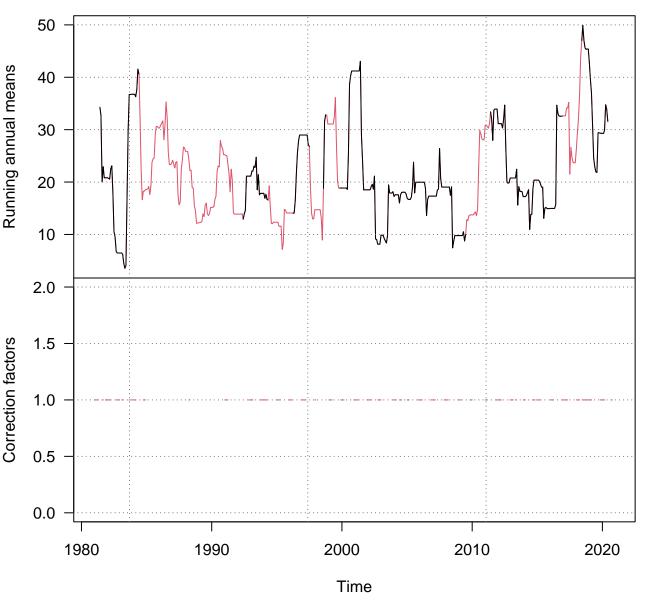




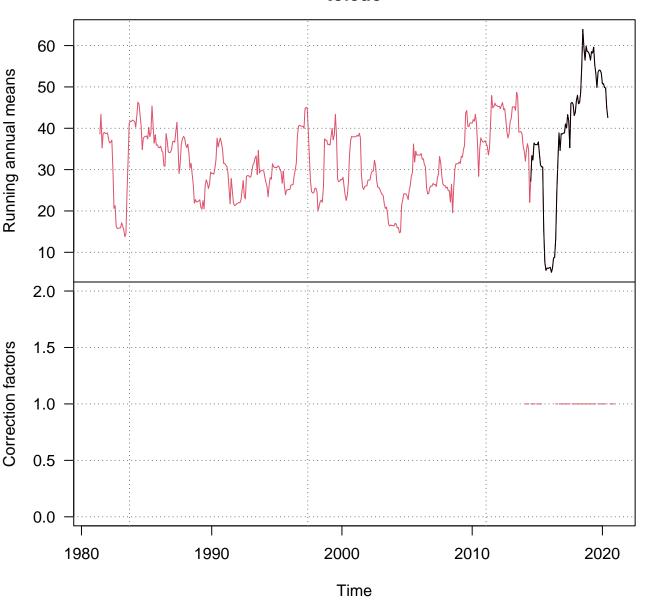


Time

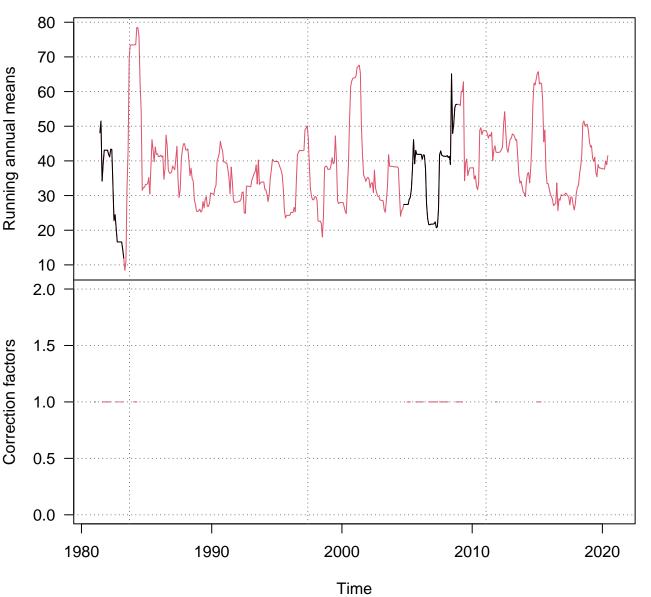




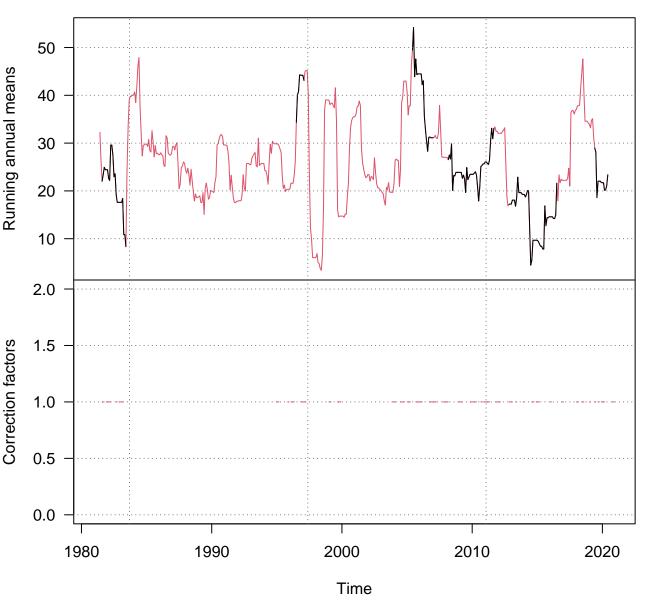
pre-m 14 (117) toledo



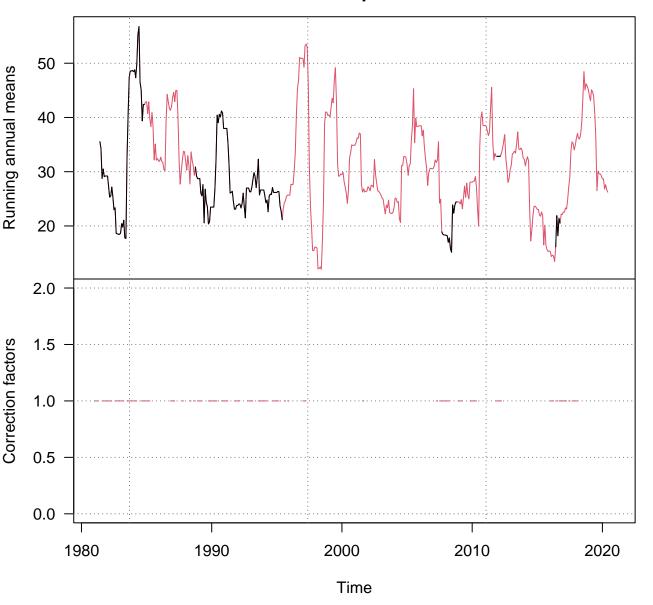




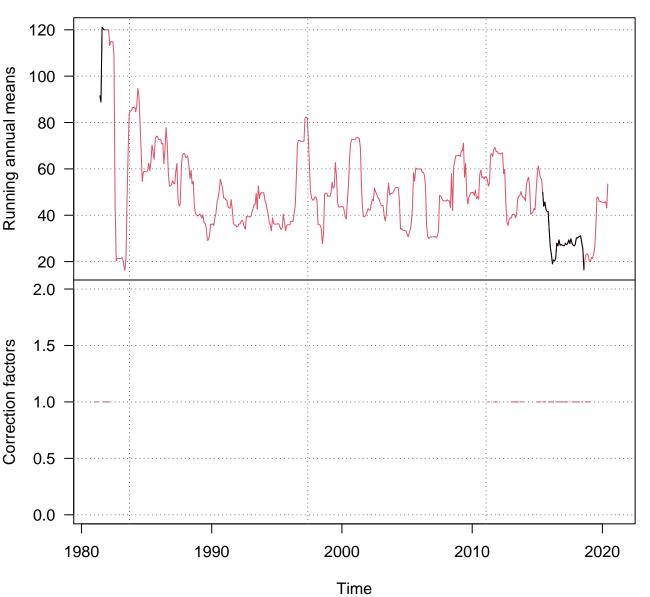


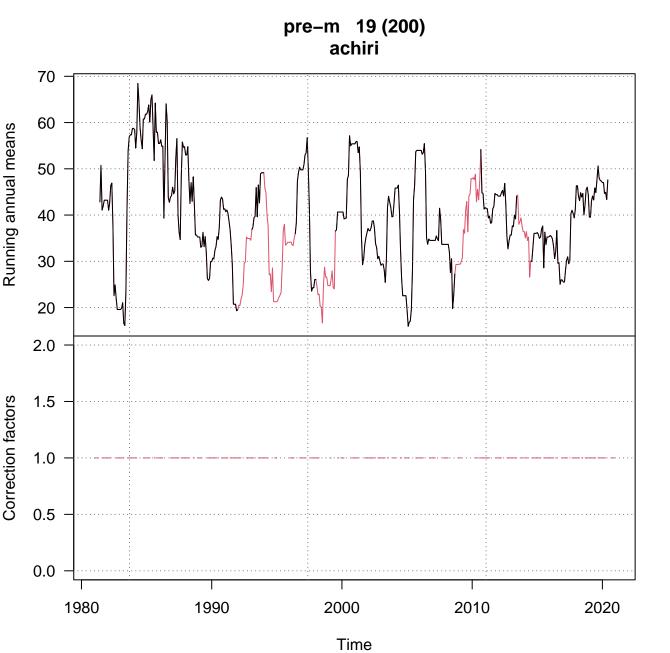


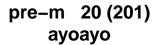


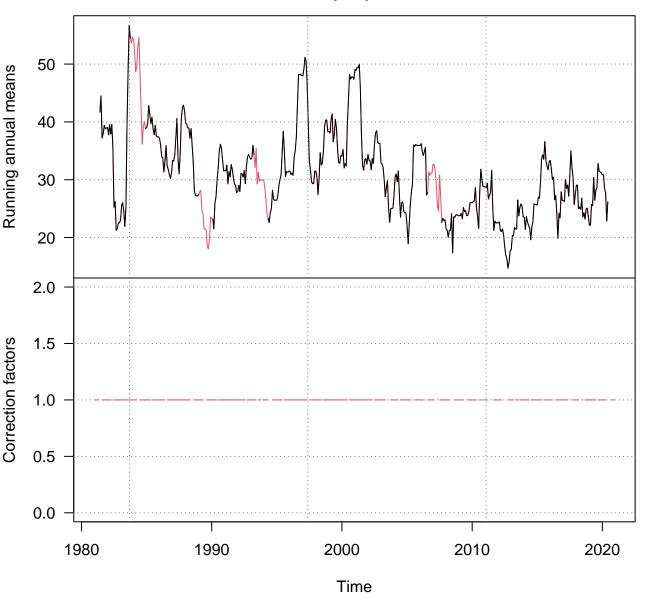




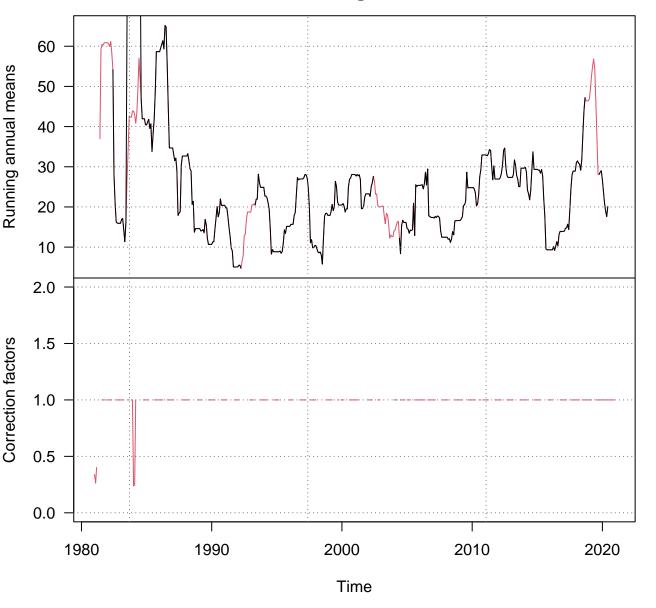




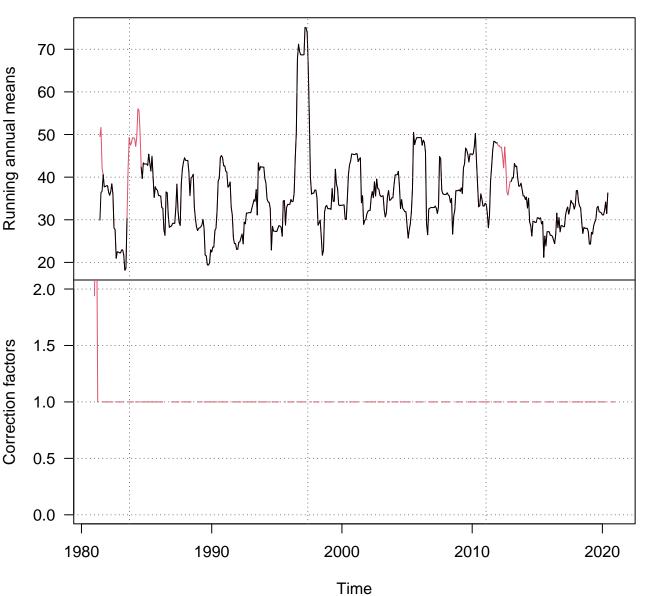




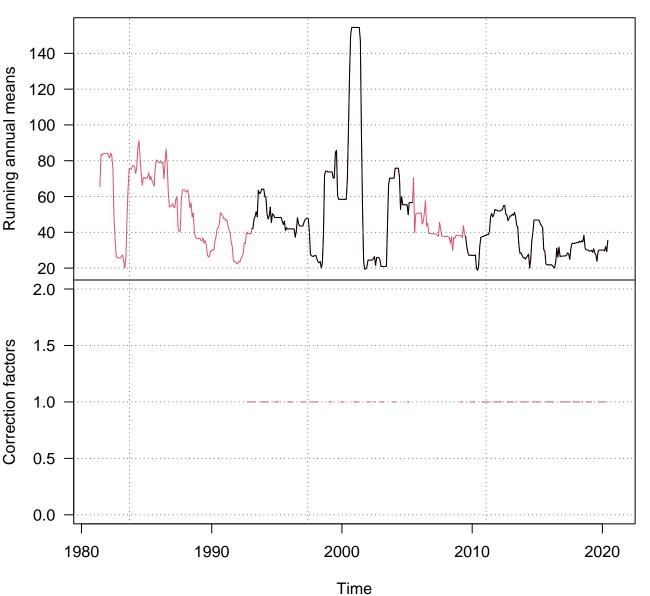




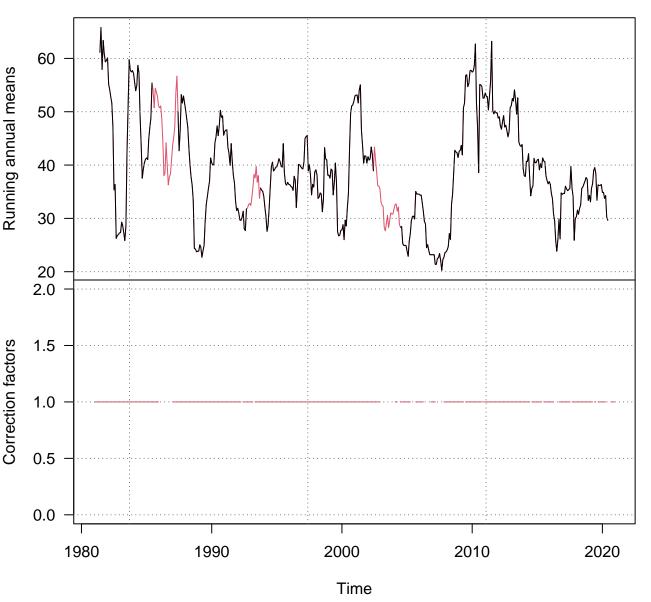




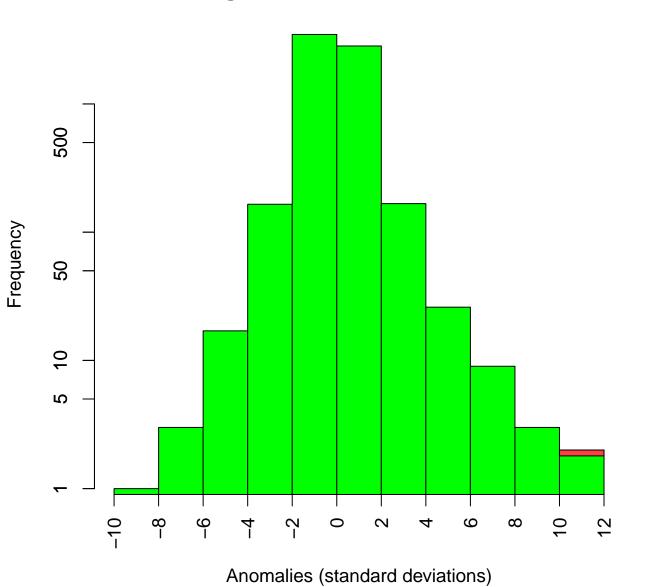




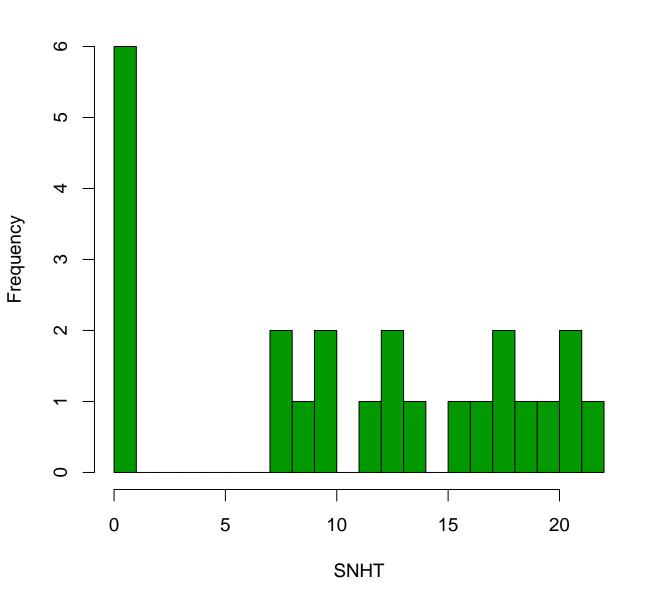




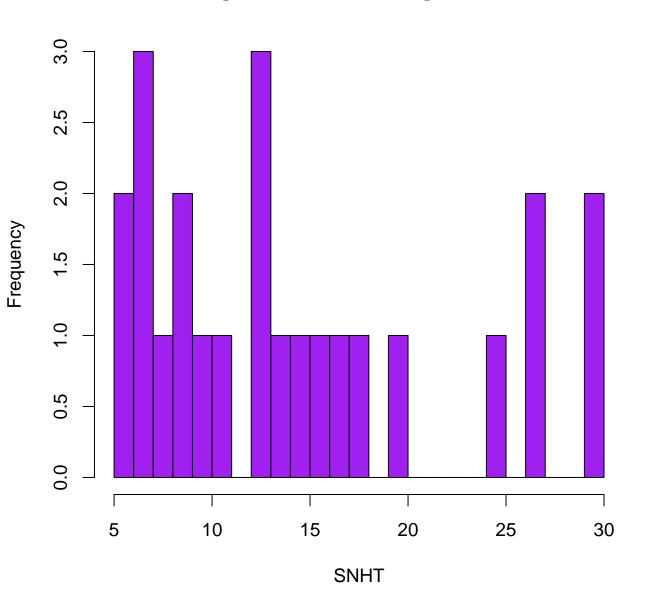
Histogram of normalized anomalies



Histogram of maximum windowed SNHT



Histogram of maximum global SNHT



Station's quality/singularity

