

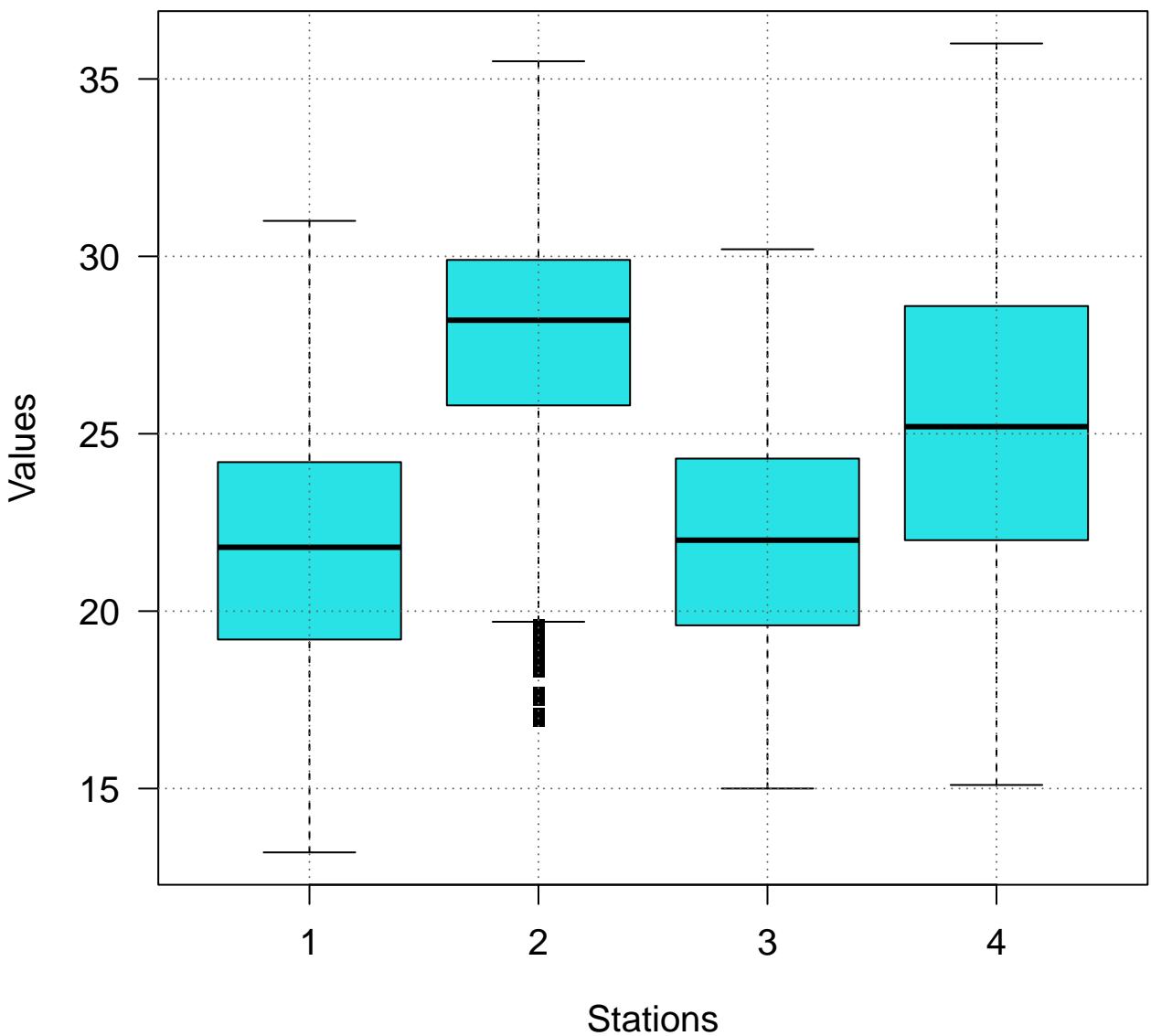
# CLIMATOL 4.1.0

Homogenization  
graphic output of

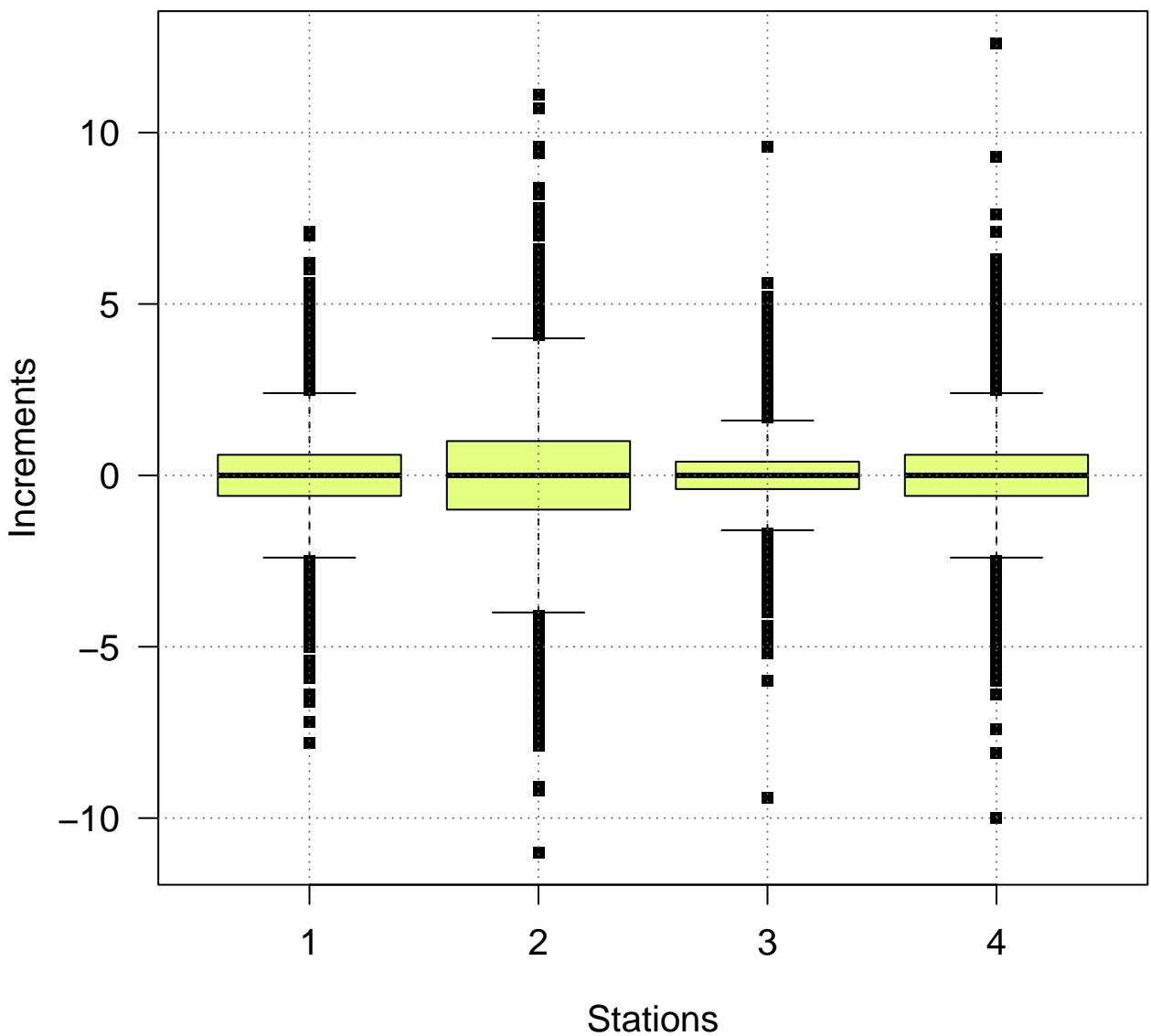
tmax

1967–2019

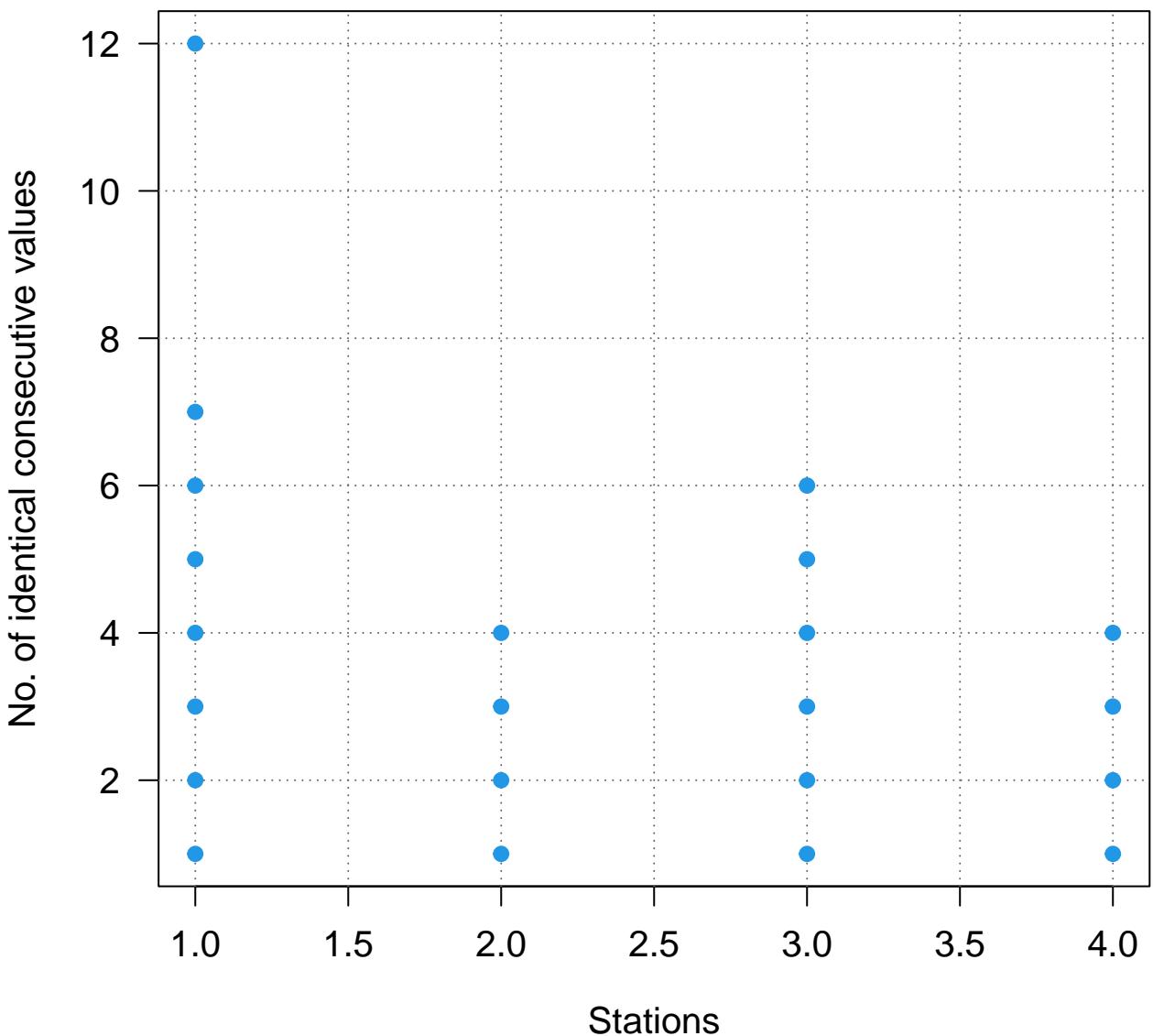
## tmax data



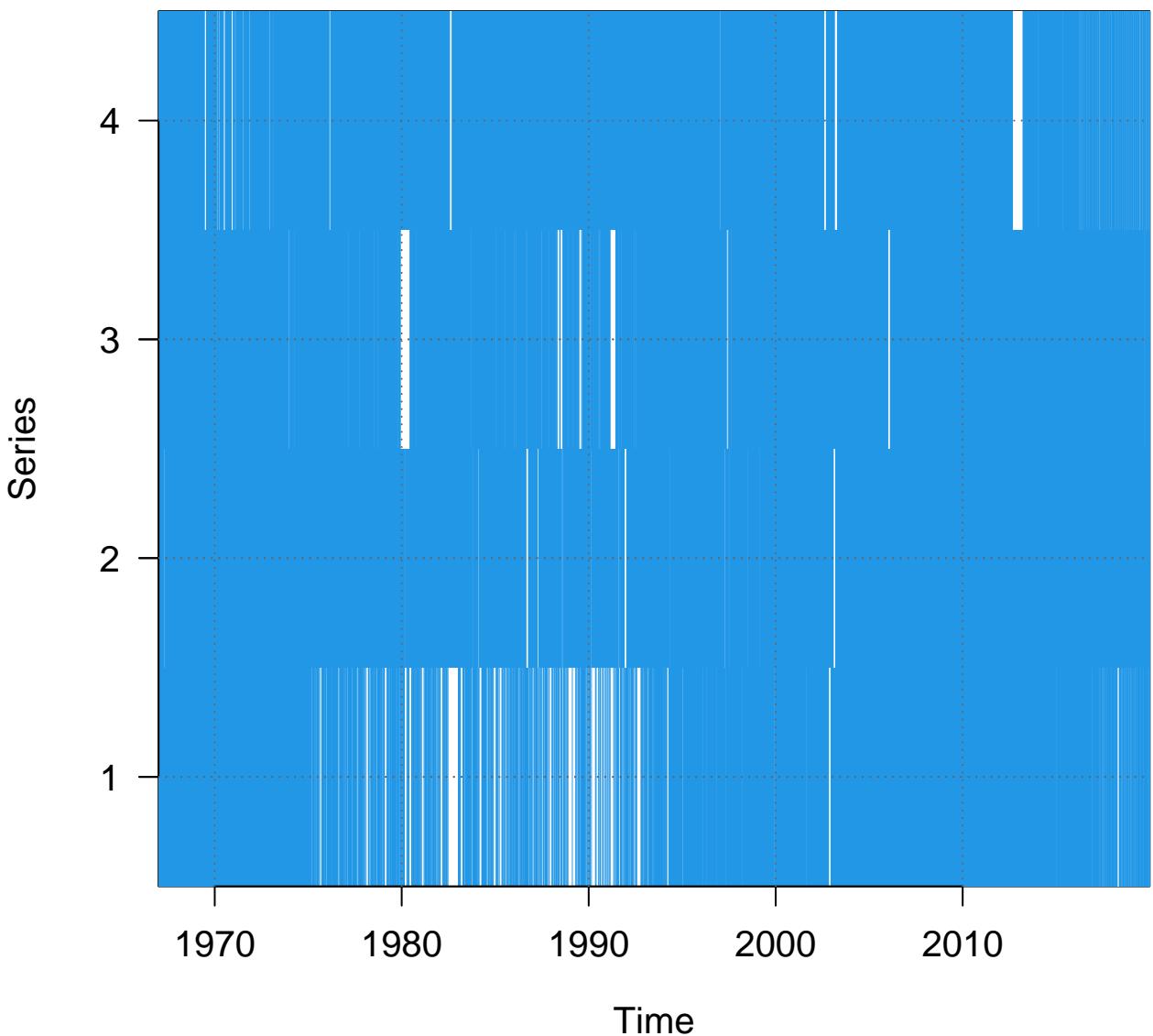
## tmax data increments



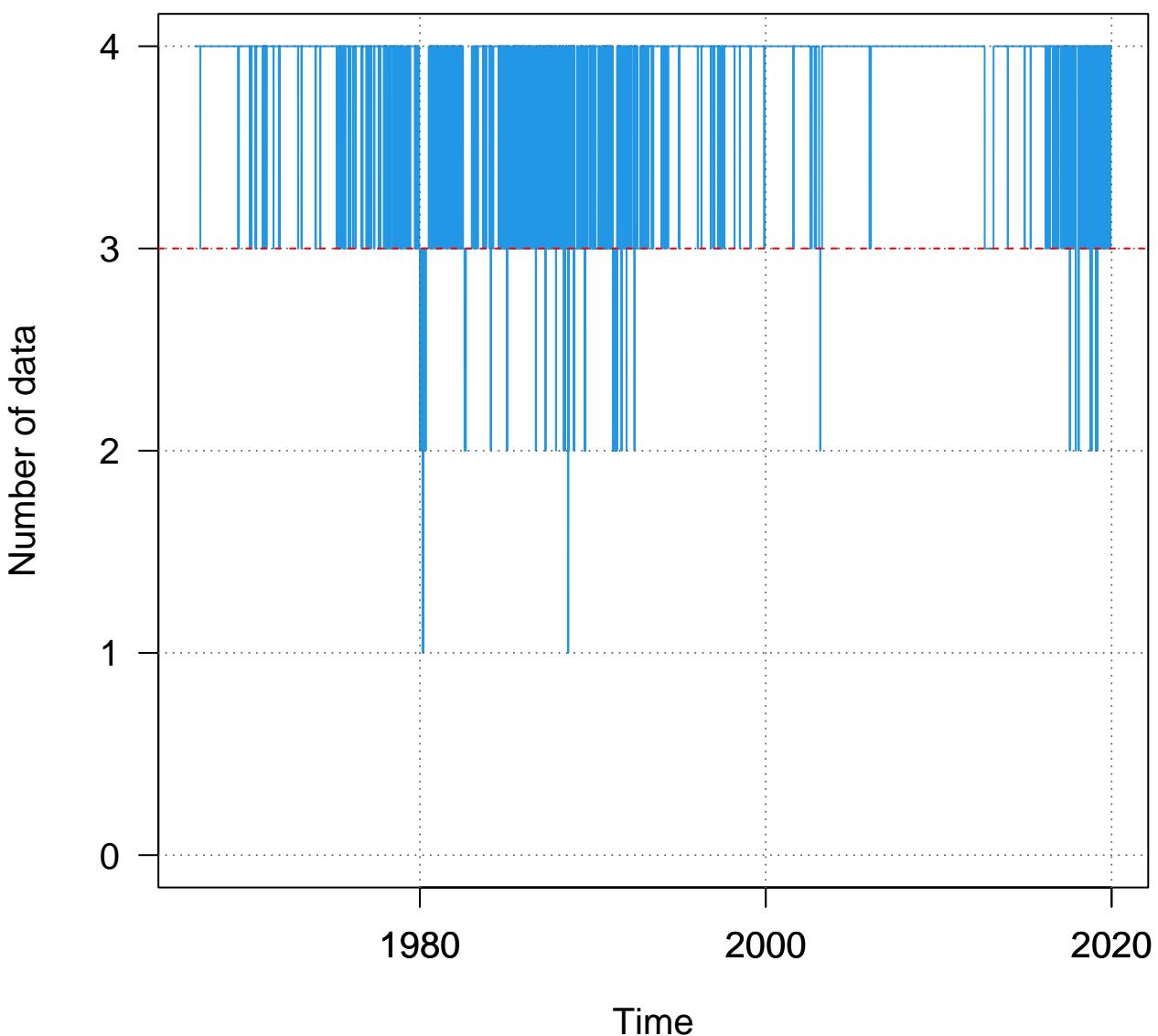
## tmax run lengths



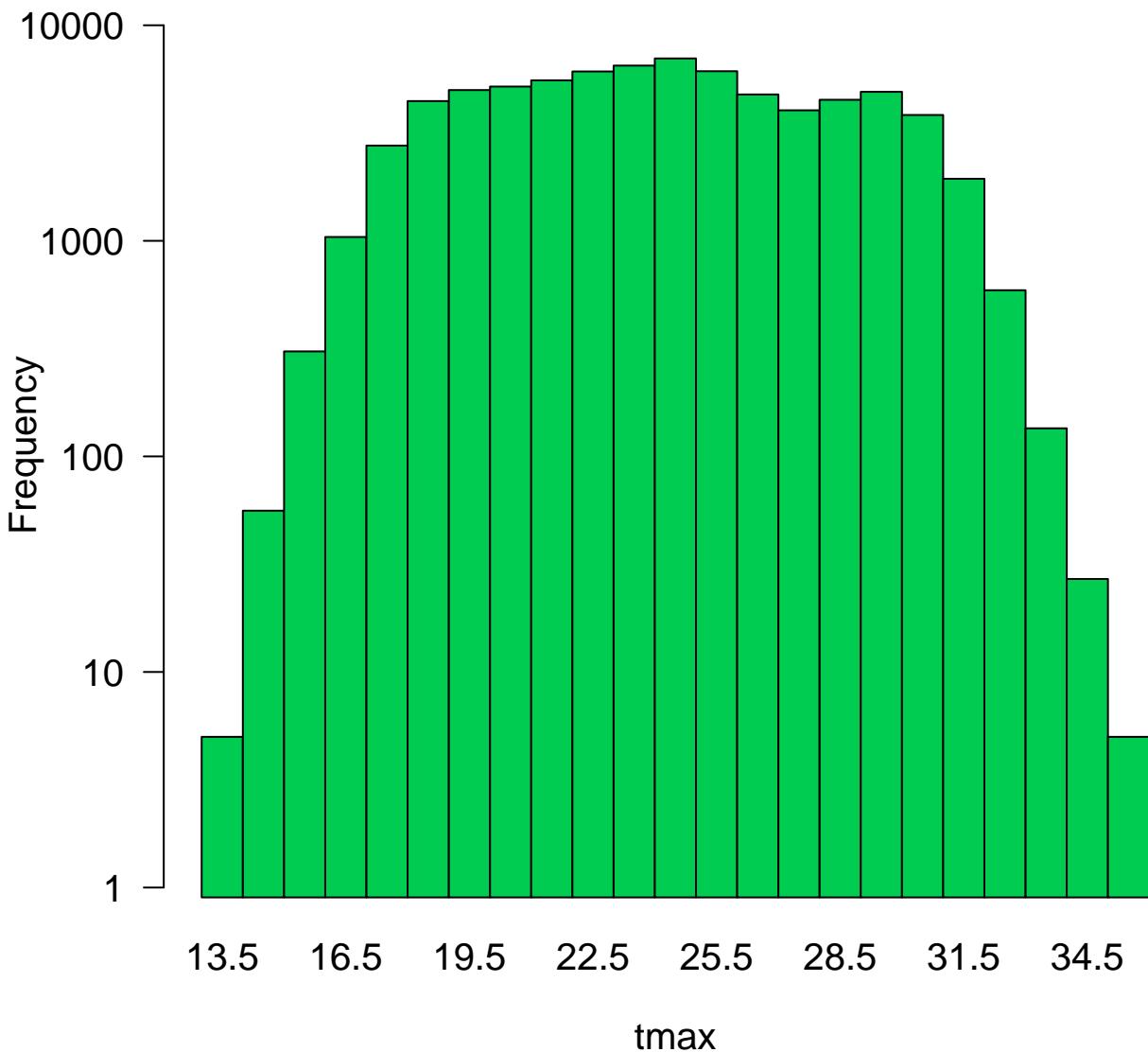
## tmax data availability



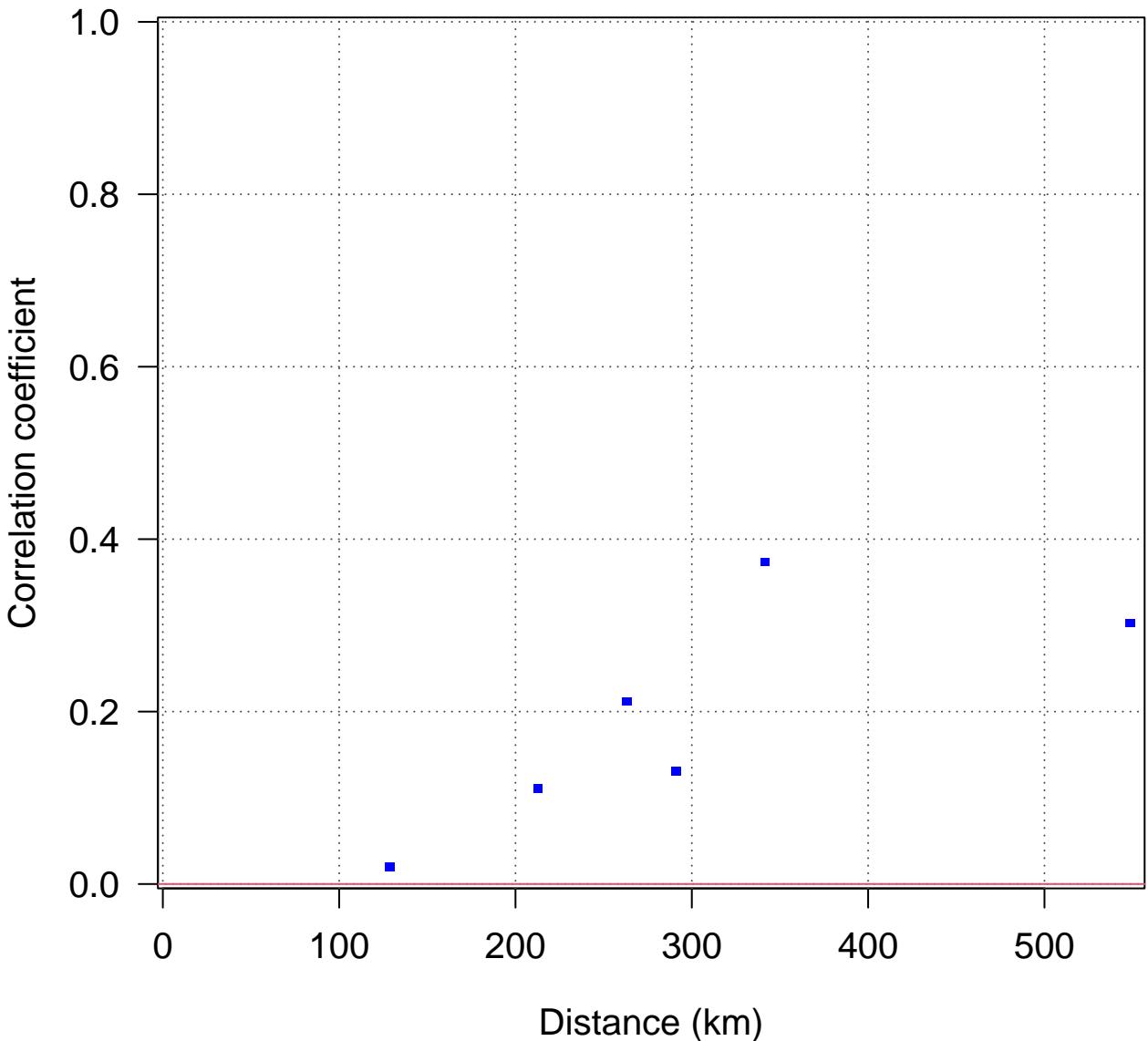
## Number of tmax data in all stations



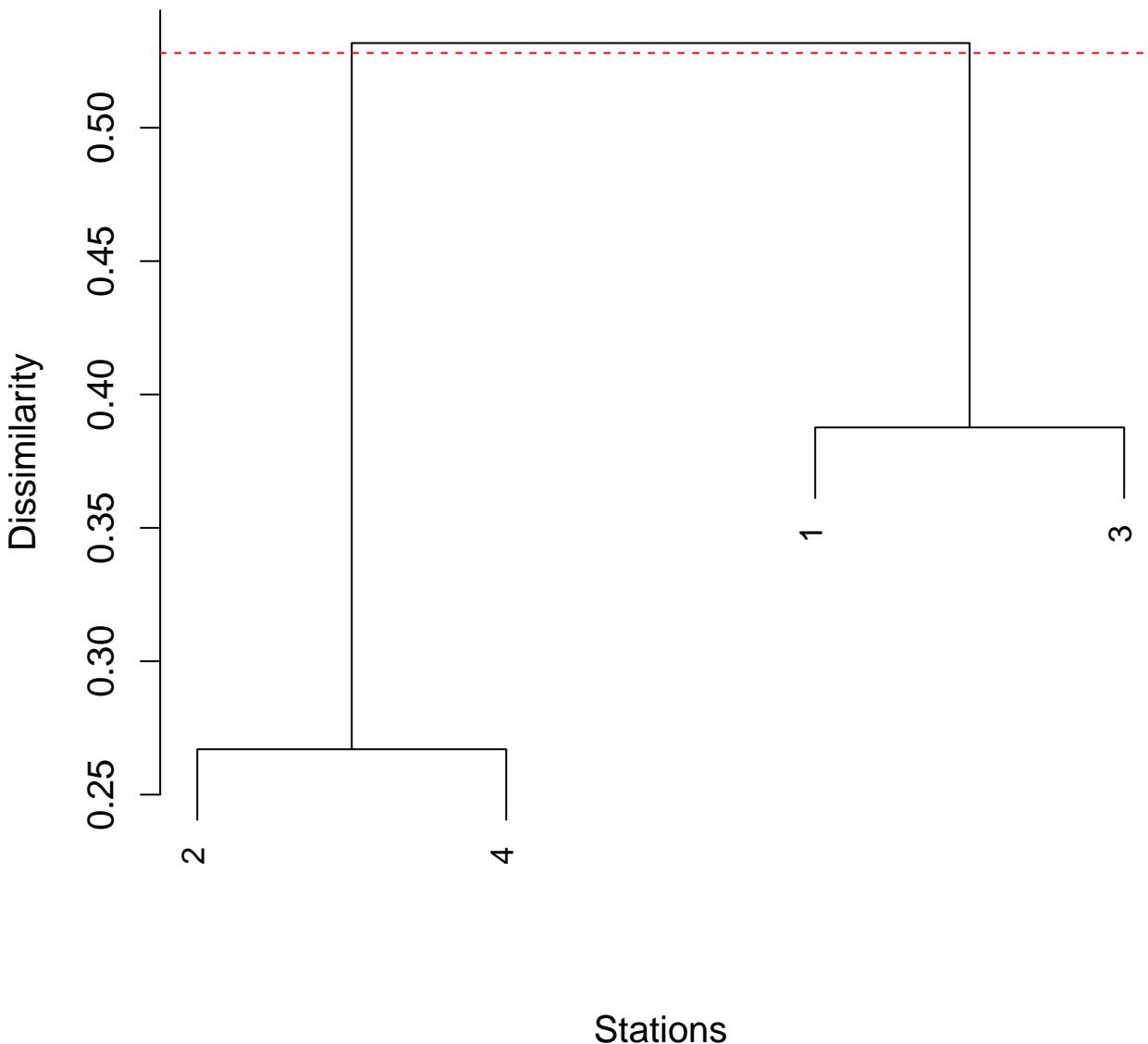
## Histogram of all data



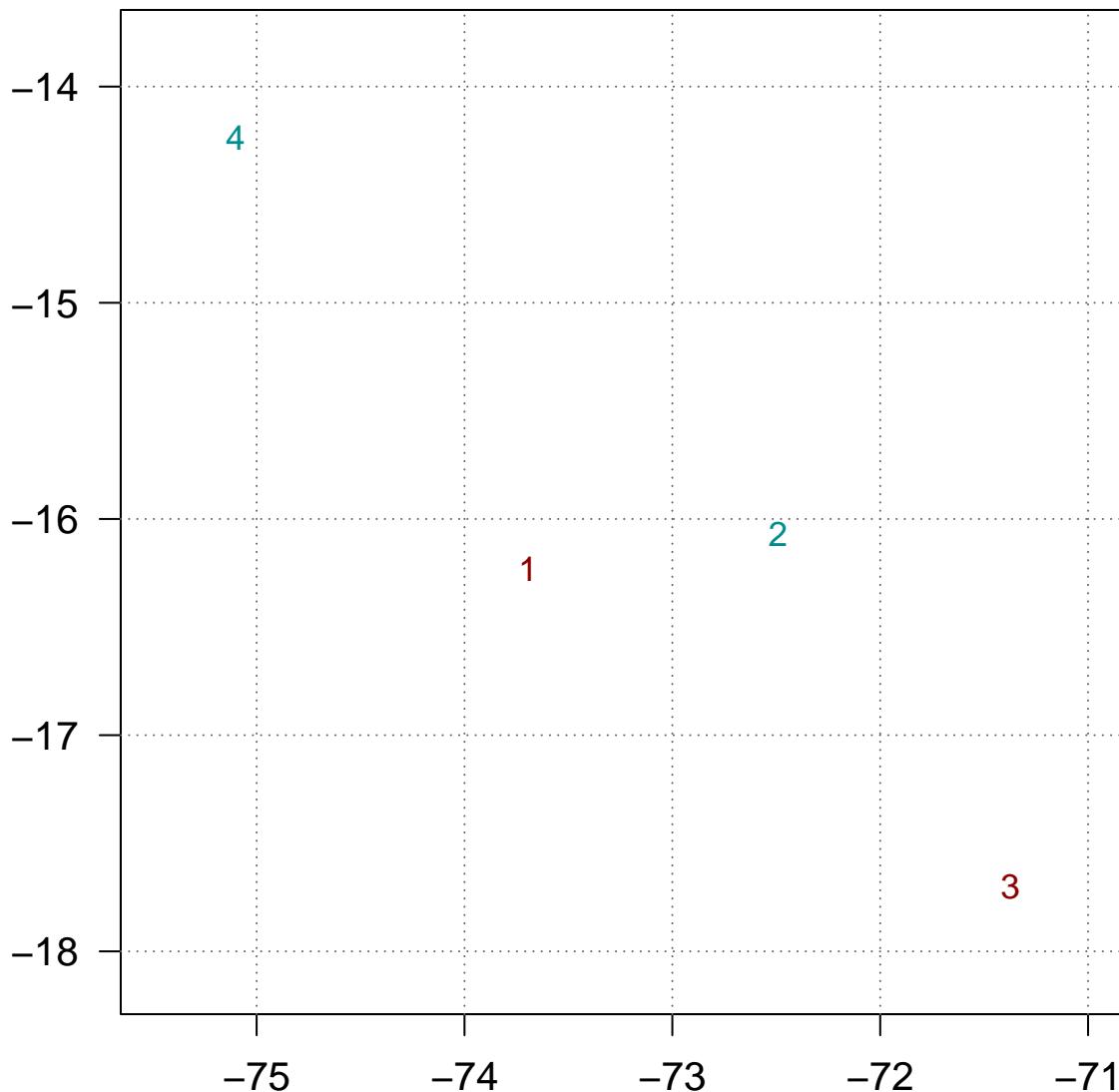
## Correlogram of first difference tmax series



## Dendrogram of station clusters



## tmax station locations (2 clusters)



# Stage 3

Final anomalies of the  
homogenized series with  
 $wd = 100 \text{ km}$  and  $nref = 4$

tmax 1 (ho00000830)

PUNTAATICO

Standardized anomalies (observed - computed)

4

2

0

-2

-4

(km)

100

10

1

111 min.d.

n.ref.

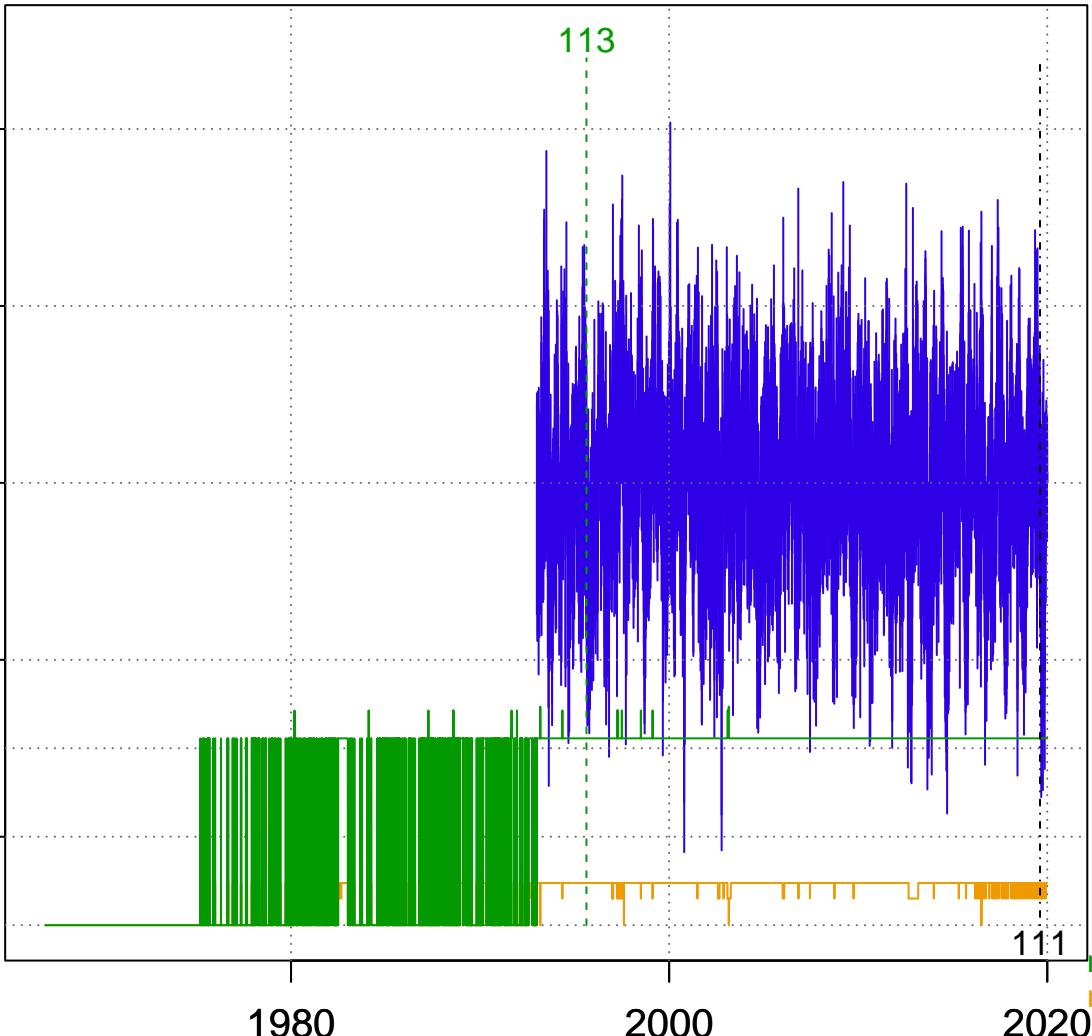
113

1980

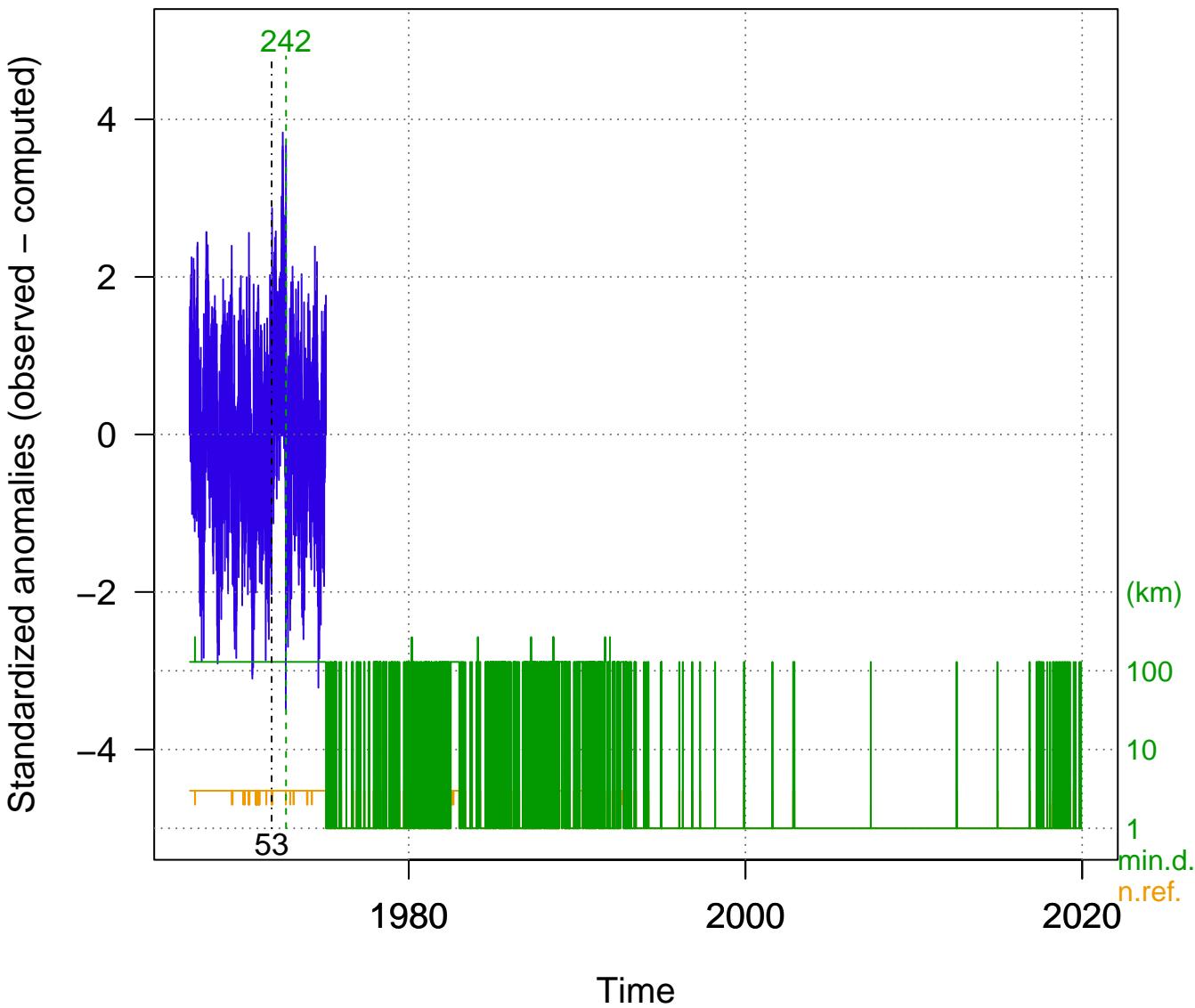
2000

2020

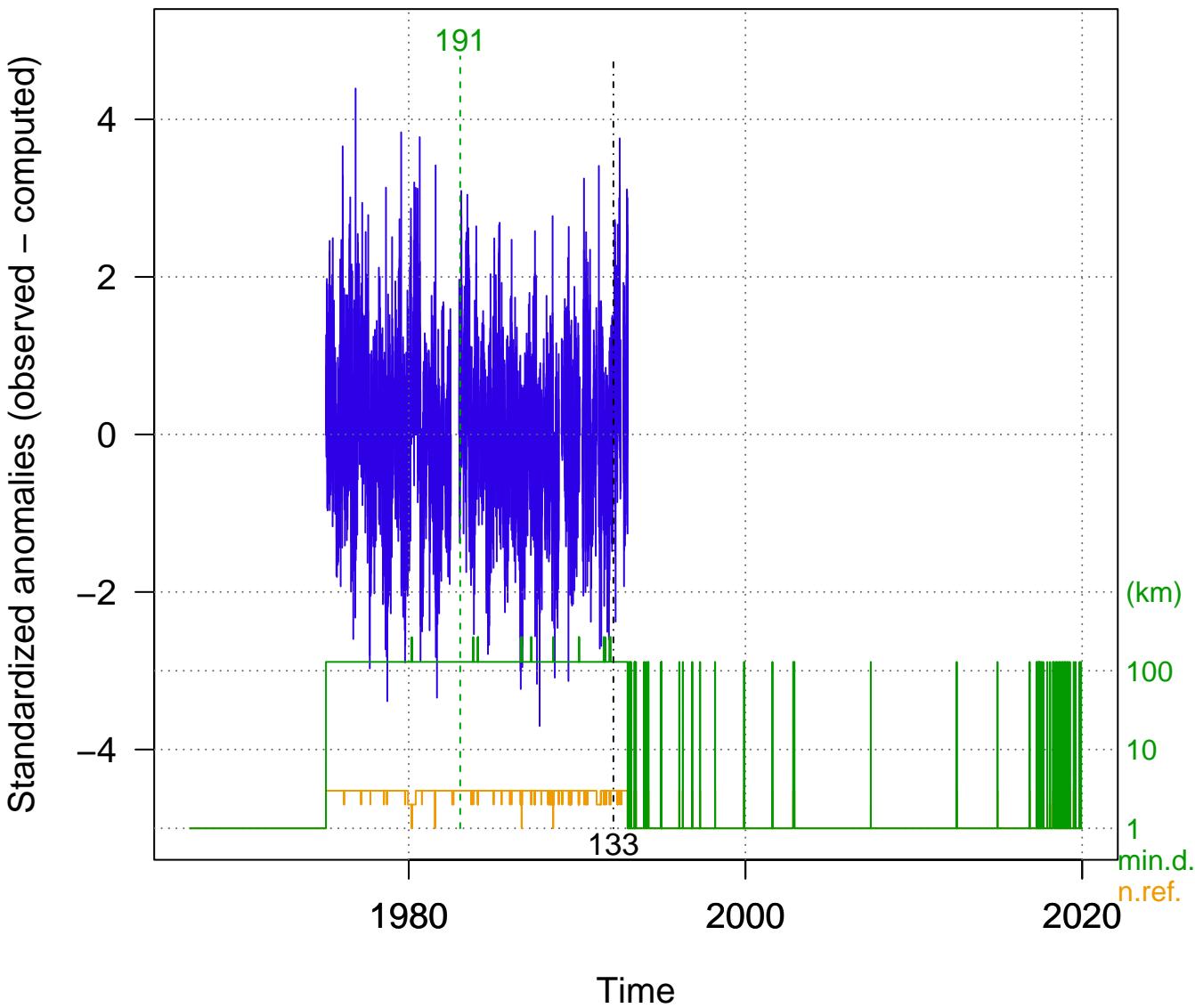
Time



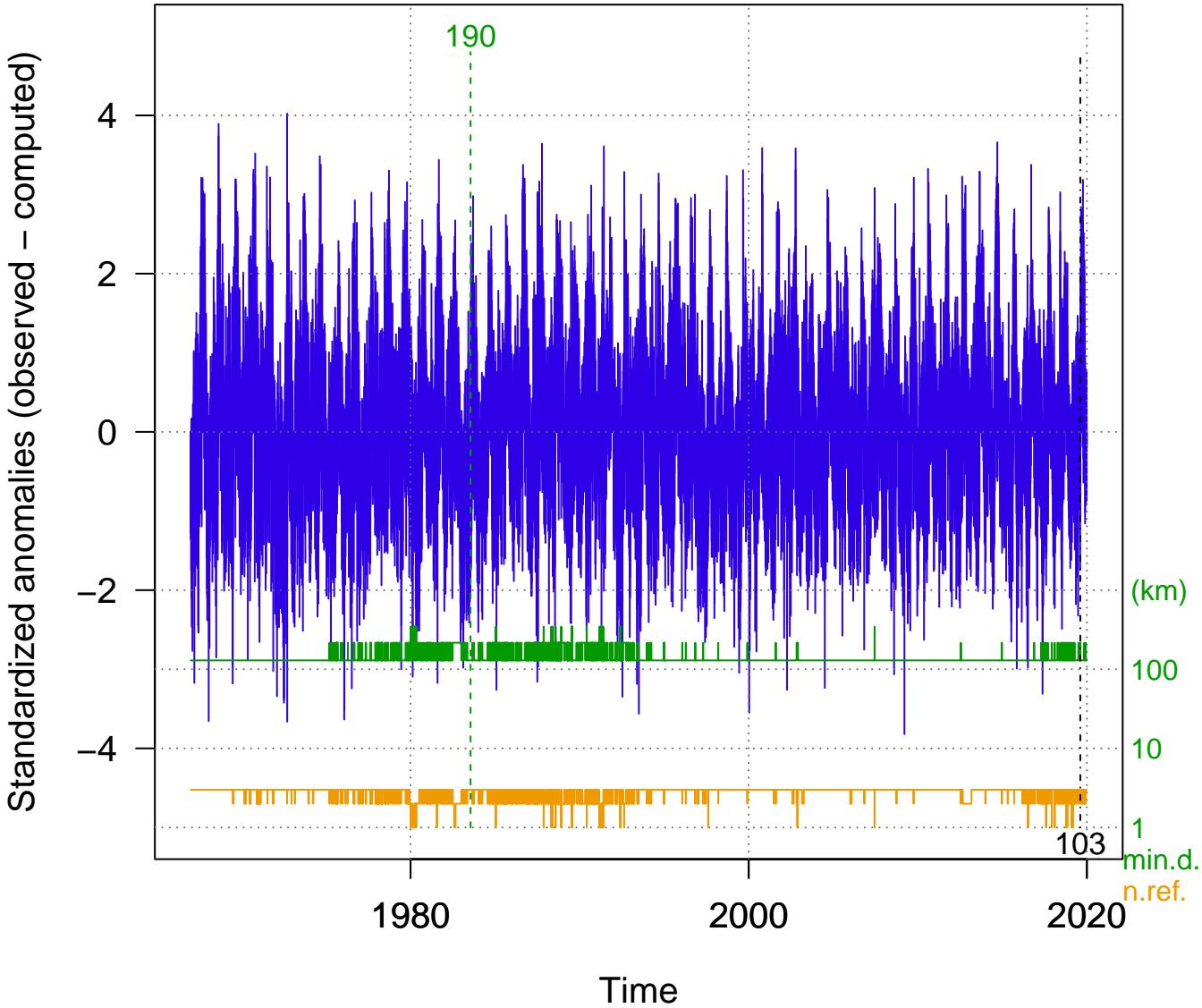
**tmax 5 (ho00000830-2)**  
**PUNTAATICO-2**



**tmax 6 (ho00000830-3)**  
**PUNTAATICO-3**

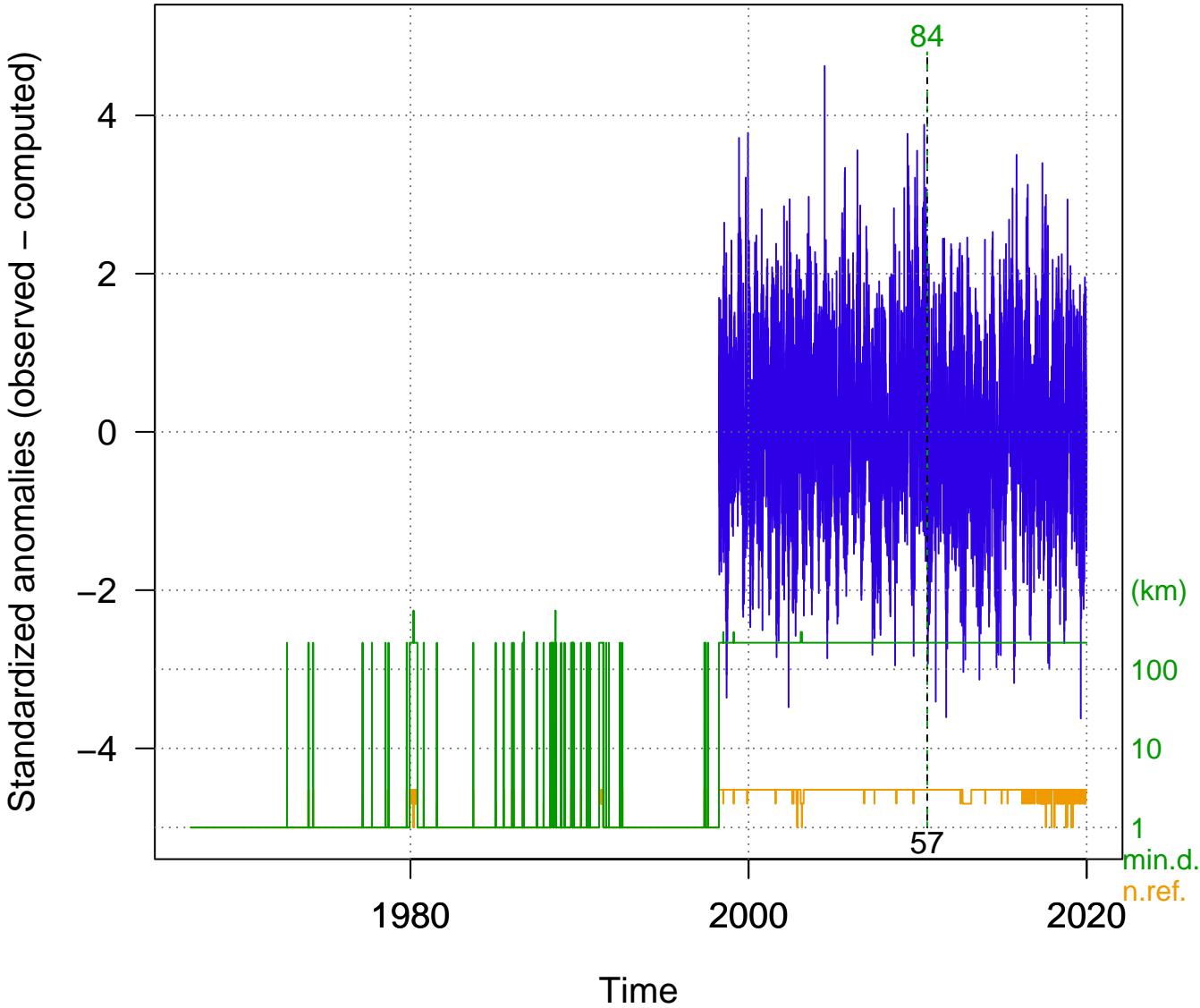


**tmax 2 (ho00000833)**  
**APLAO**

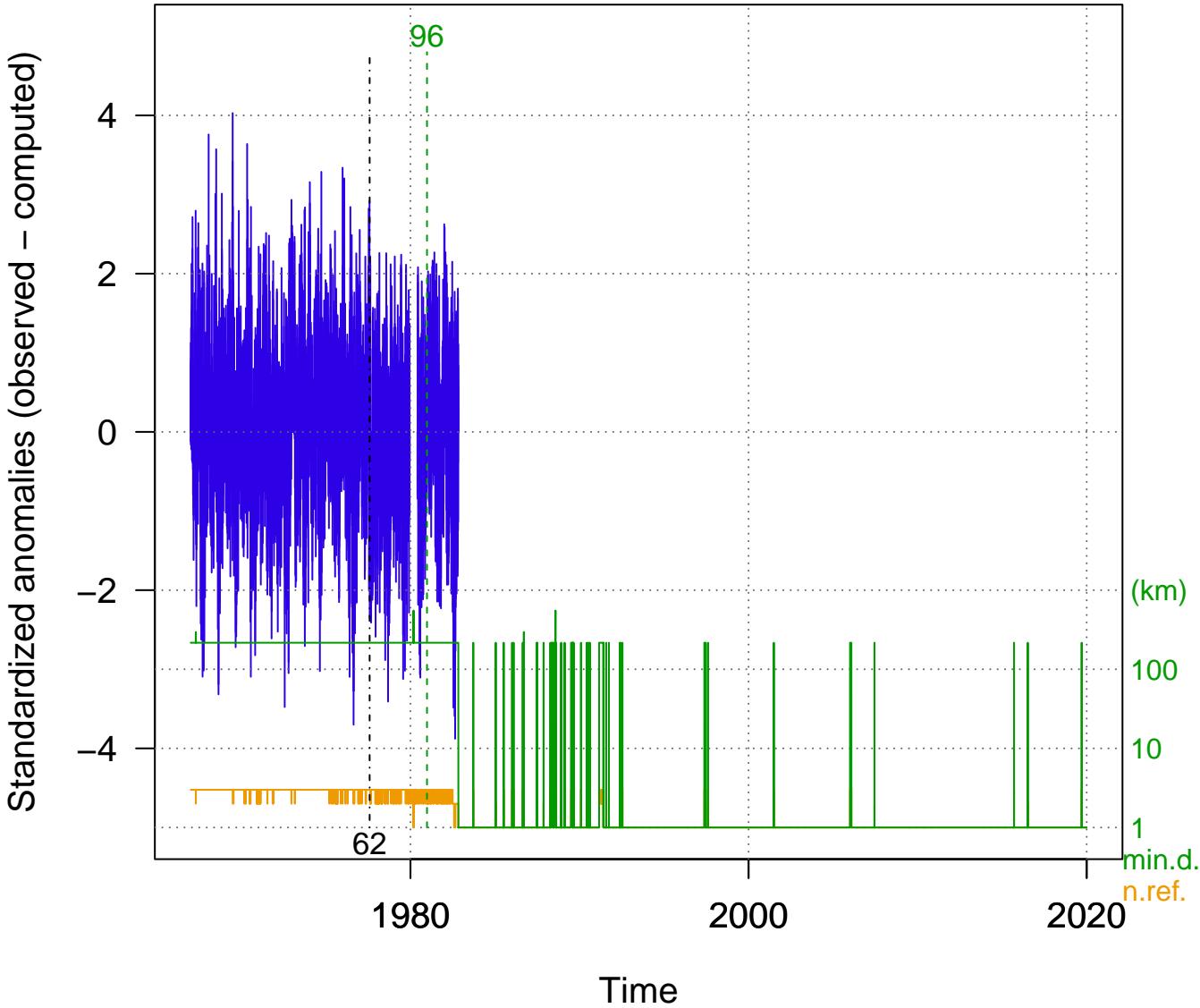


tmax 3 (ho00000846)

# PUNTACOLES



**tmax 7 (ho00000846-2)**  
**PUNTACOLES-2**



tmax 8 (ho00000846-3)

PUNTACOLES-3

Standardized anomalies (observed - computed)

4

2

0

-2

-4

(km)

100

10

1

min.d.

n.ref.

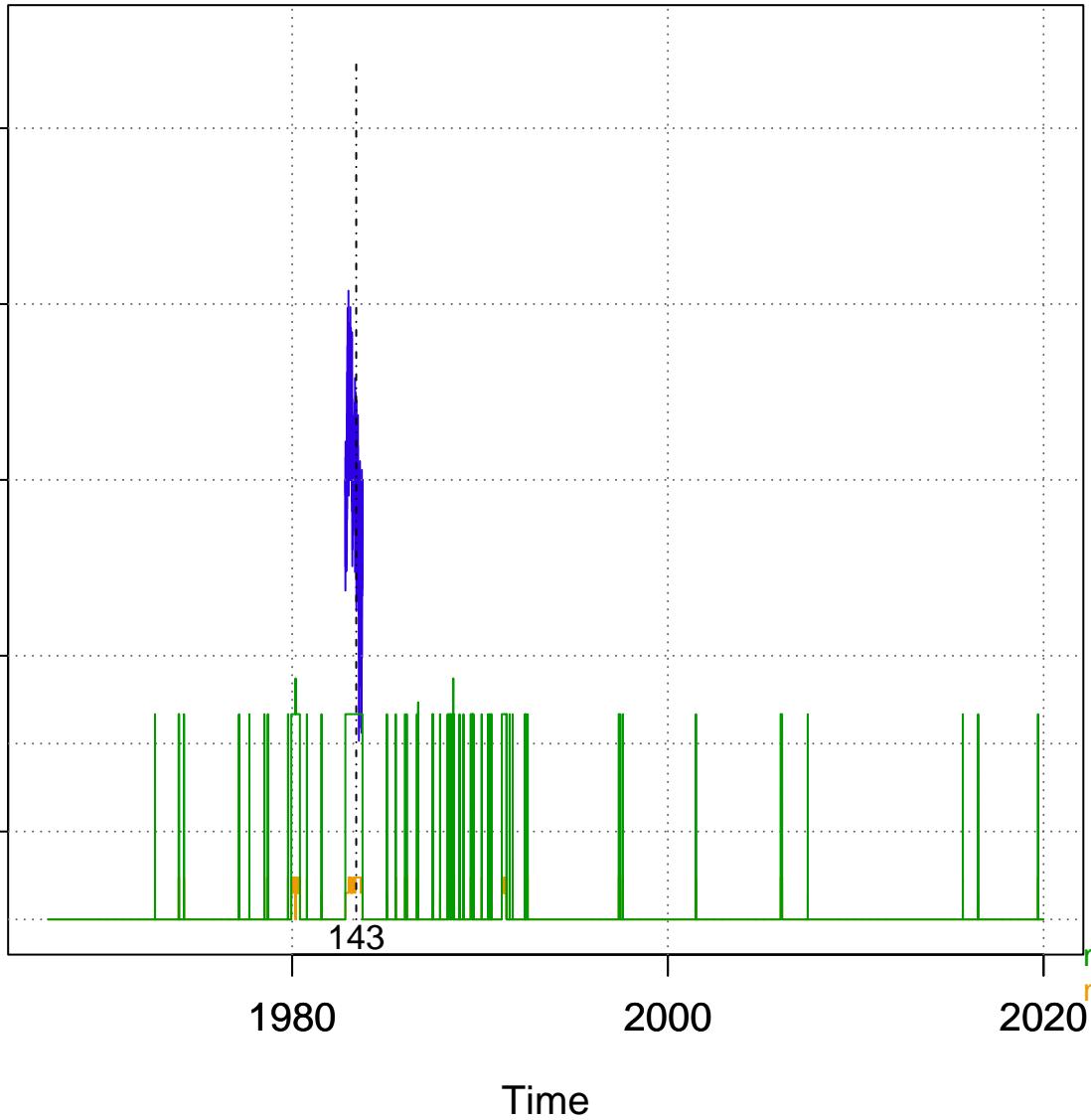
143

1980

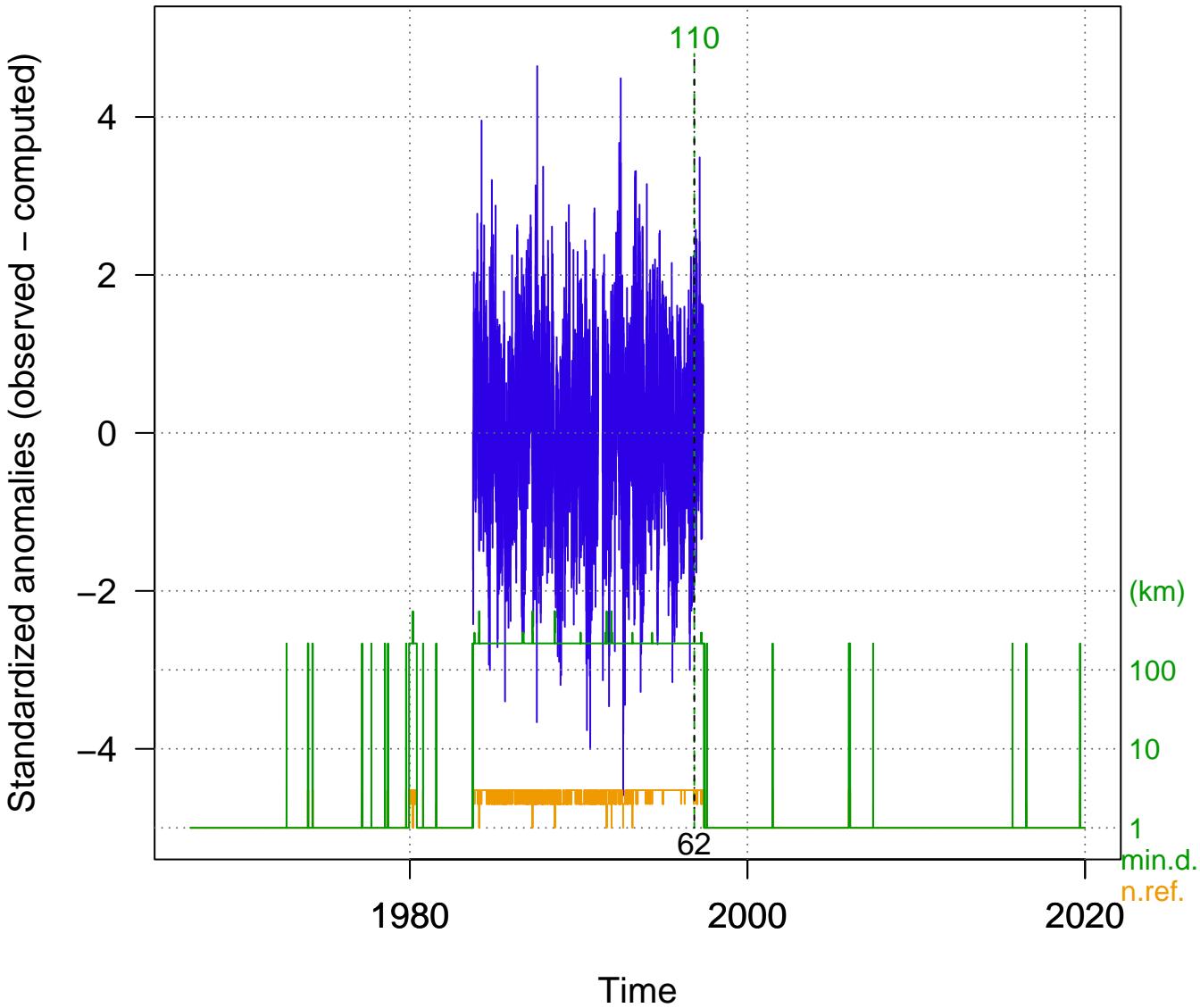
2000

2020

Time

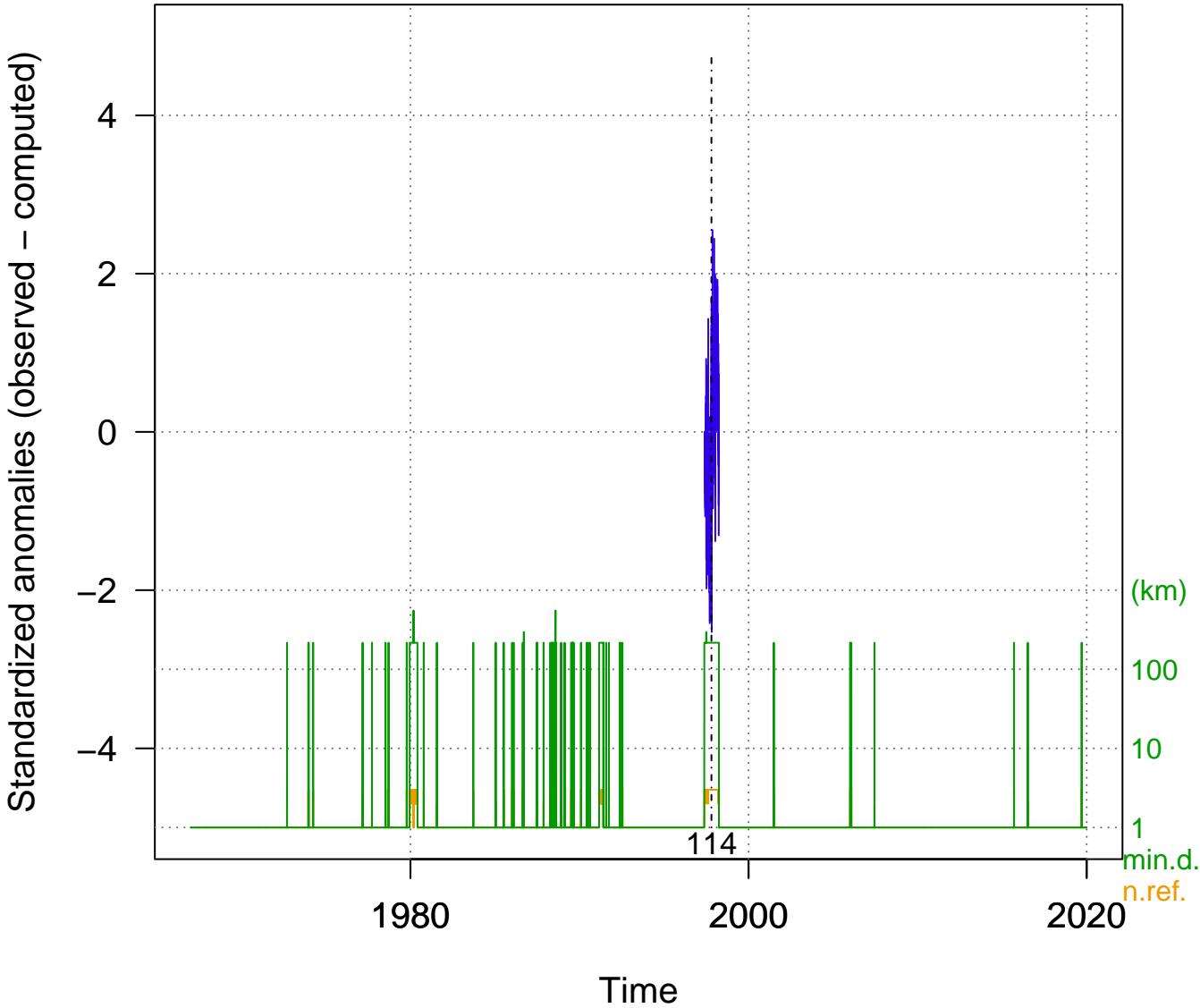


**tmax 9 (ho00000846-4)**  
**PUNTACOLES-4**



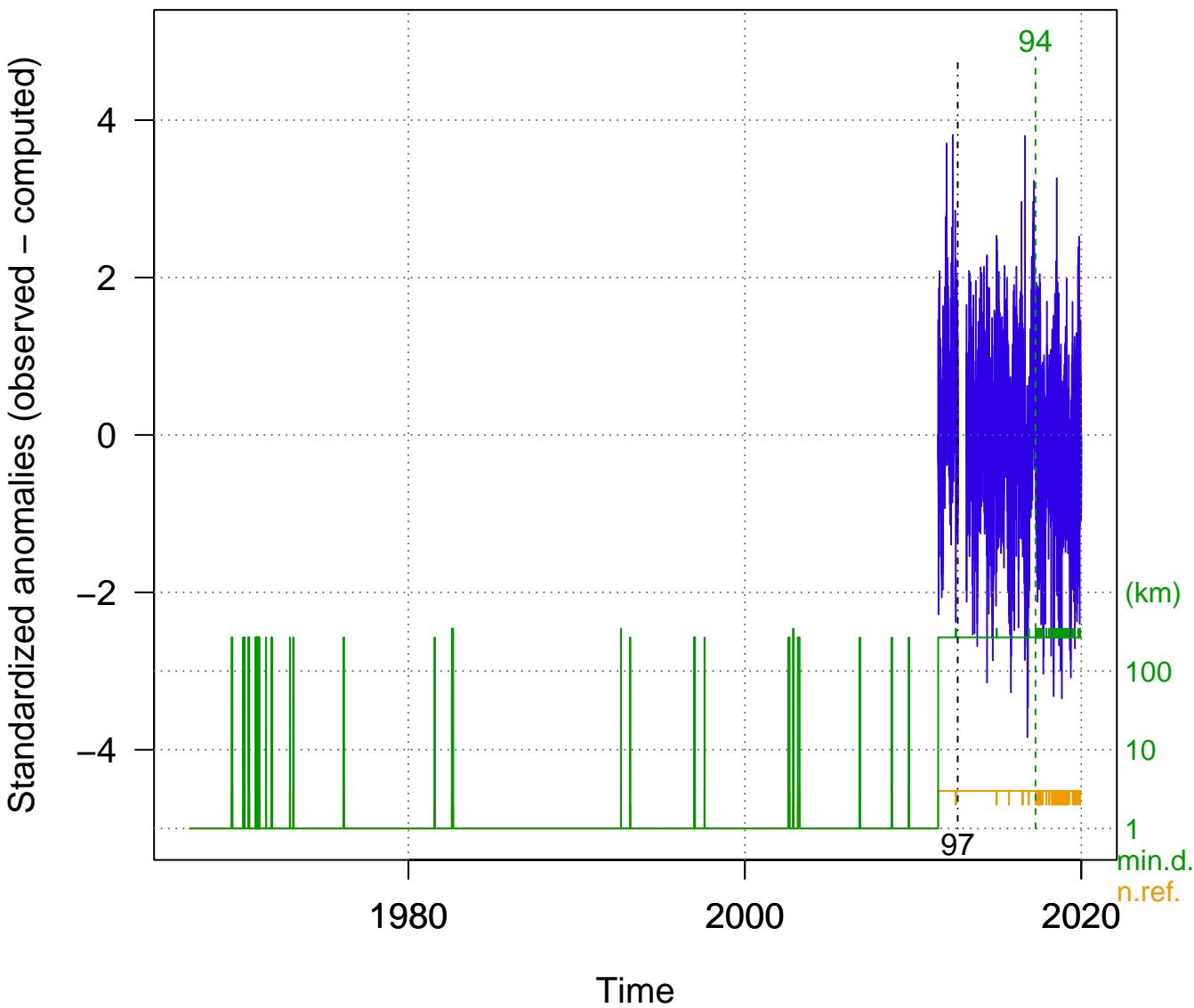
tmax 10 (ho00000846-5)

# PUNTACOLES-5

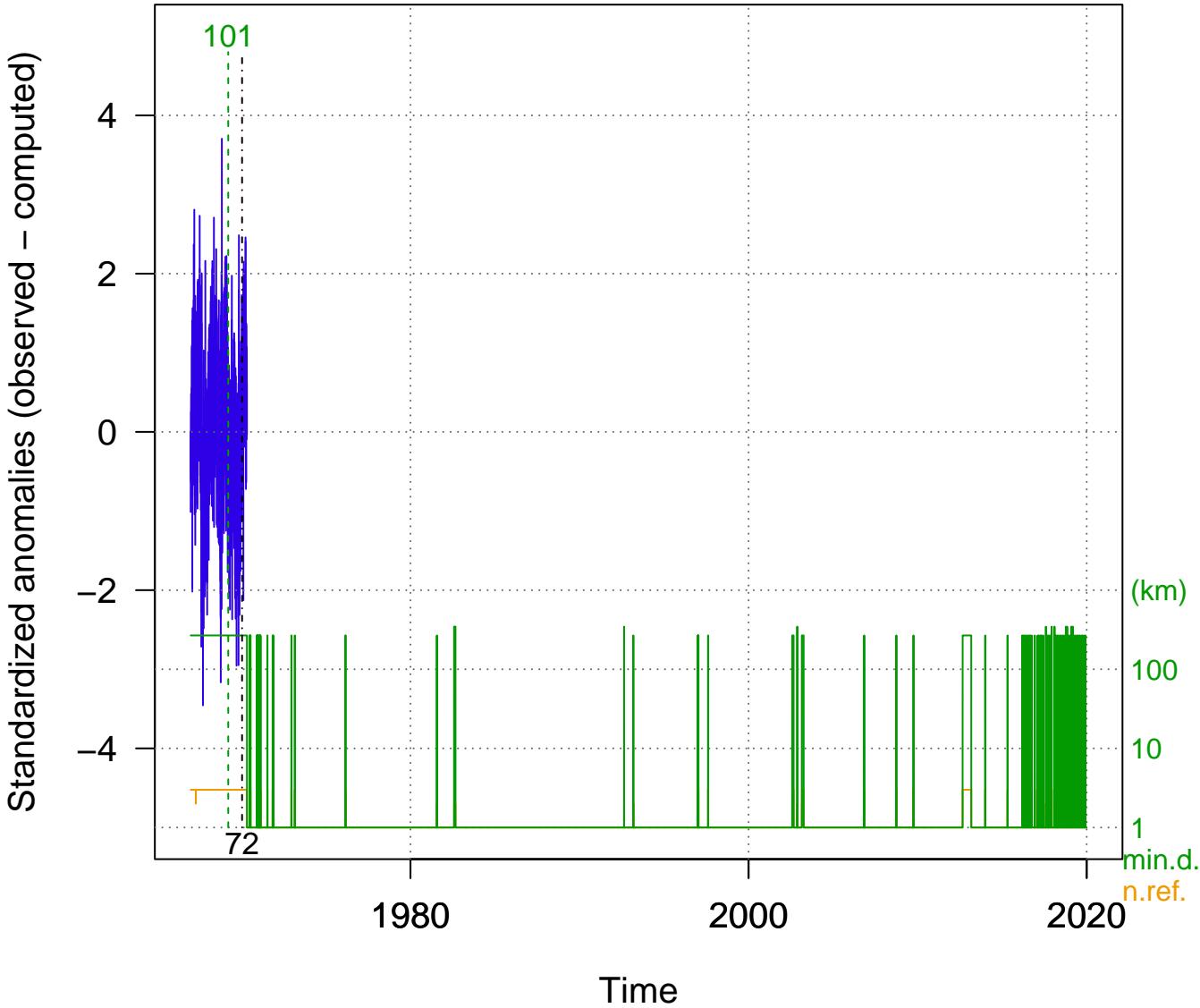


tmax 4 (ho00157102)

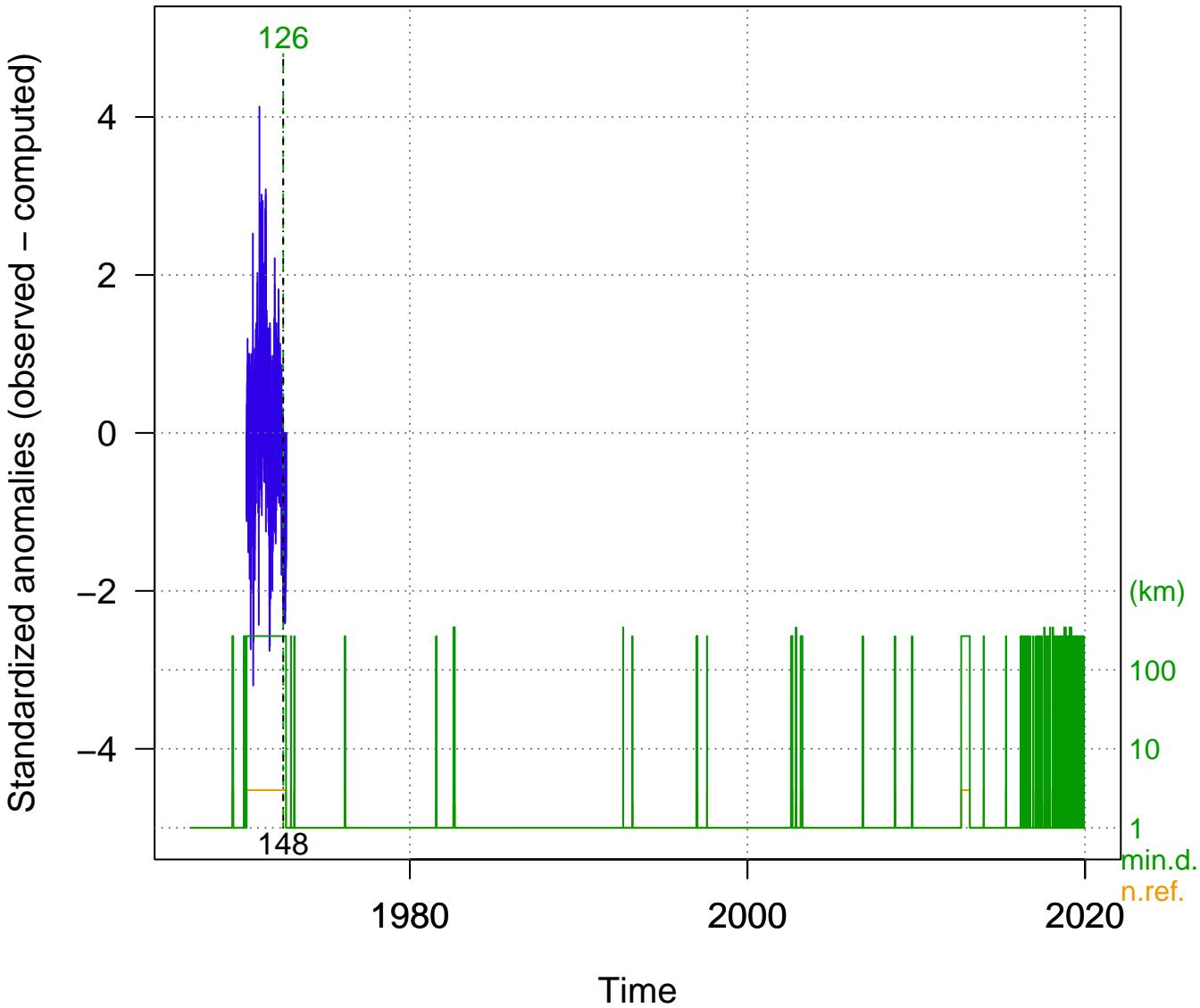
PAMPABLANCA



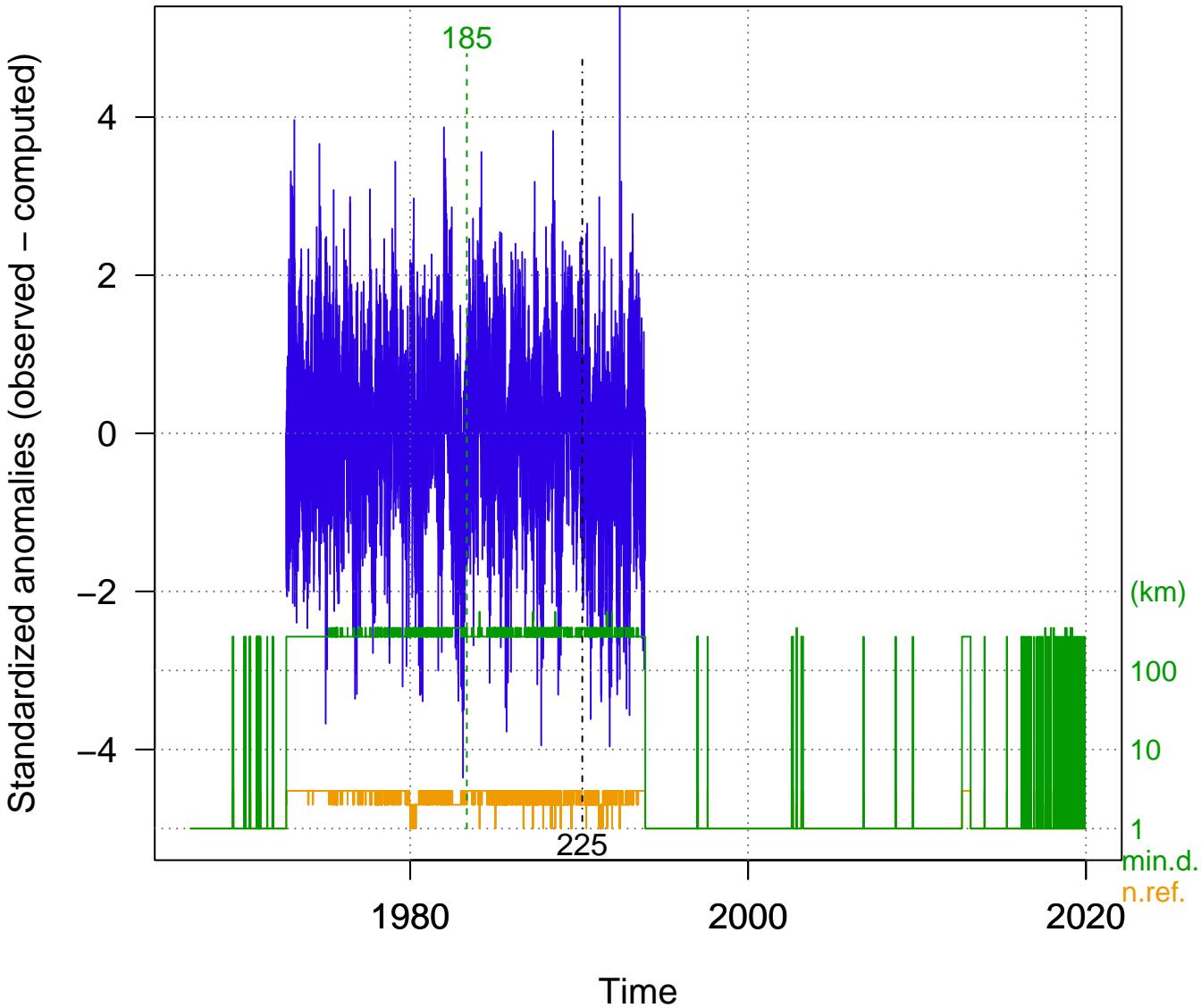
tmax 11 (ho00157102-2)  
PAMPABLANCA-2



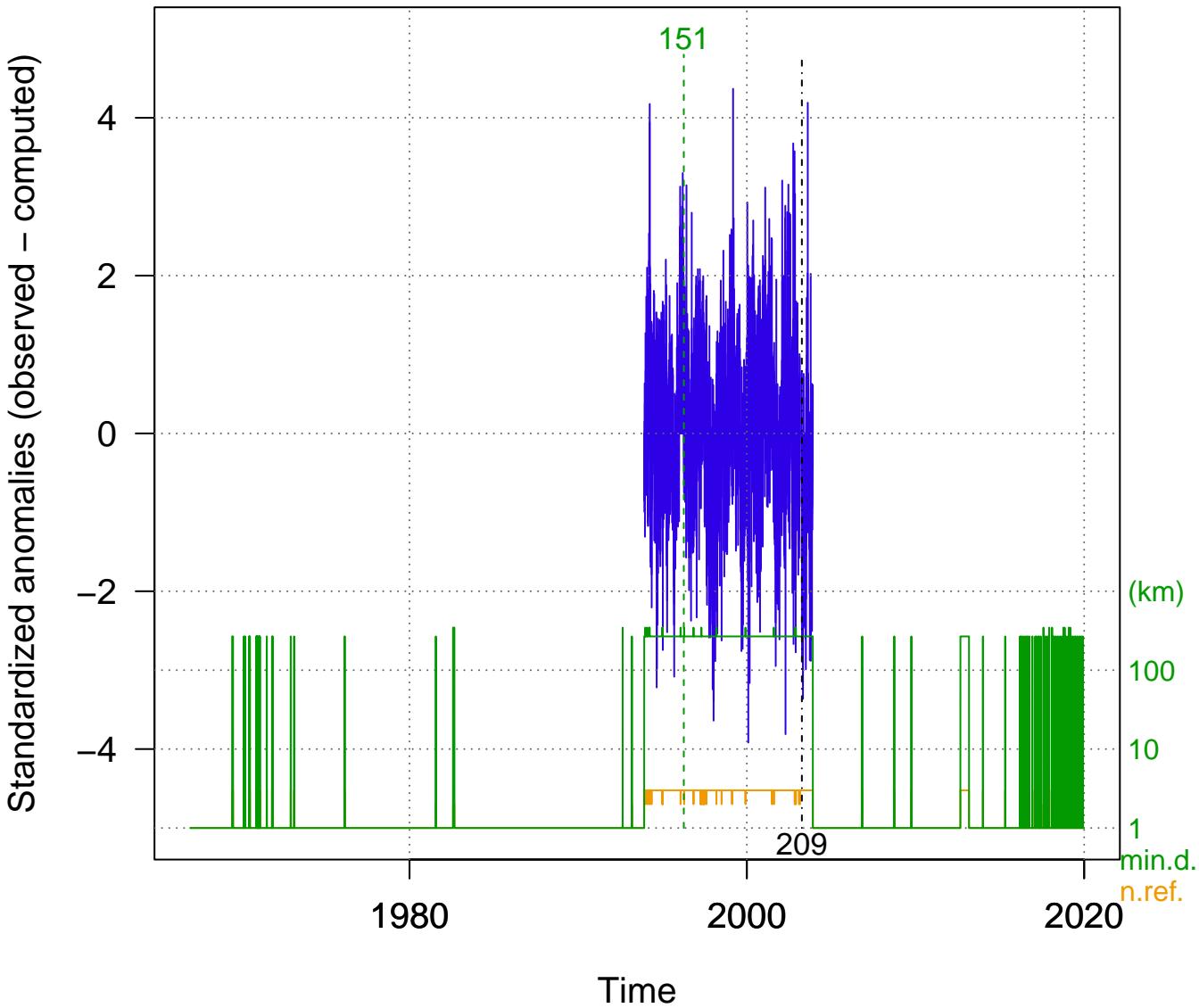
**tmax 12 (ho00157102-3)**  
**PAMPABLANCA-3**



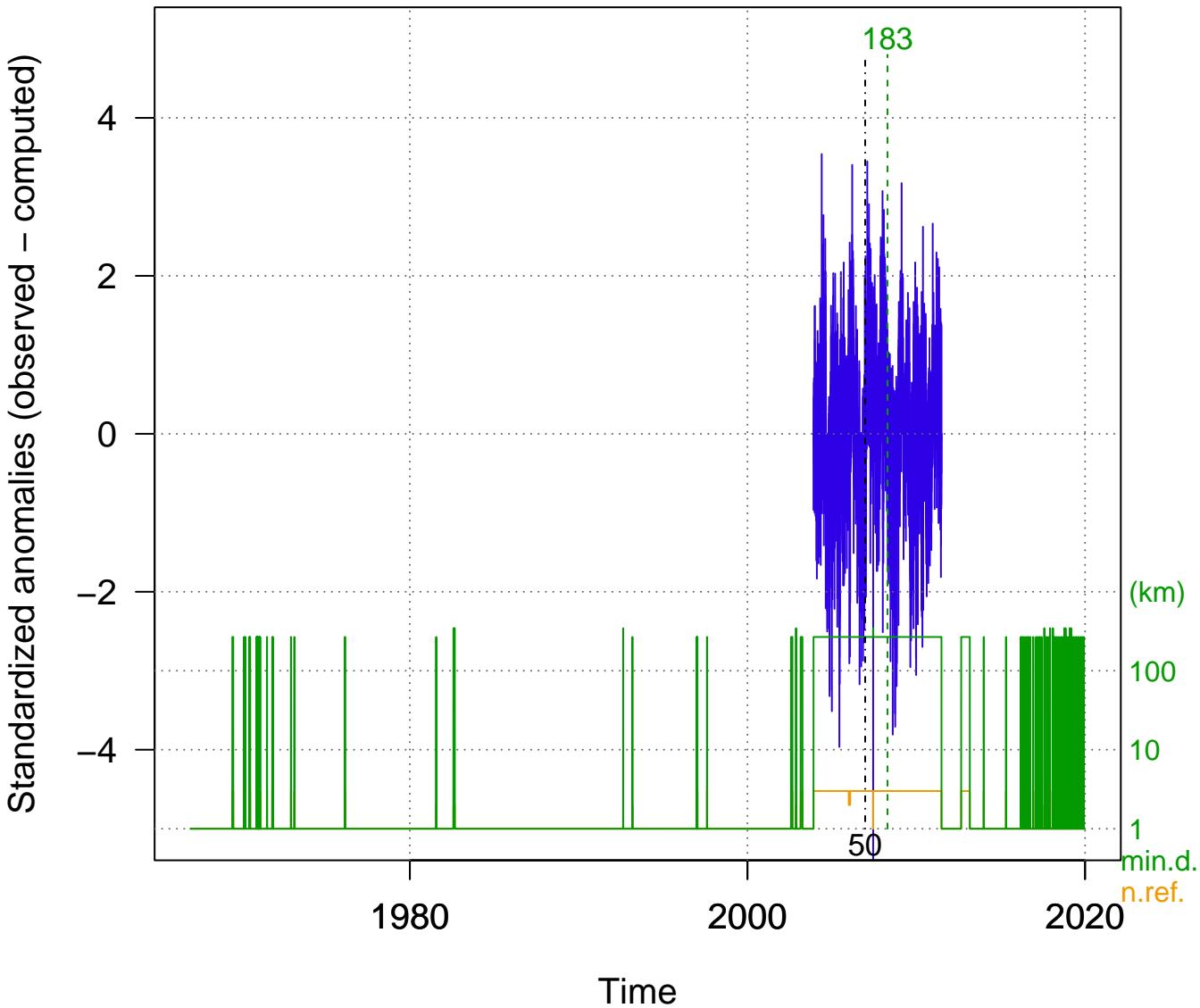
tmax 13 (ho00157102-4)  
PAMPABLANCA-4



tmax 14 (ho00157102-5)  
PAMPABLANCA-5



**tmax 15 (ho00157102-6)**  
**PAMPABLANCA-6**

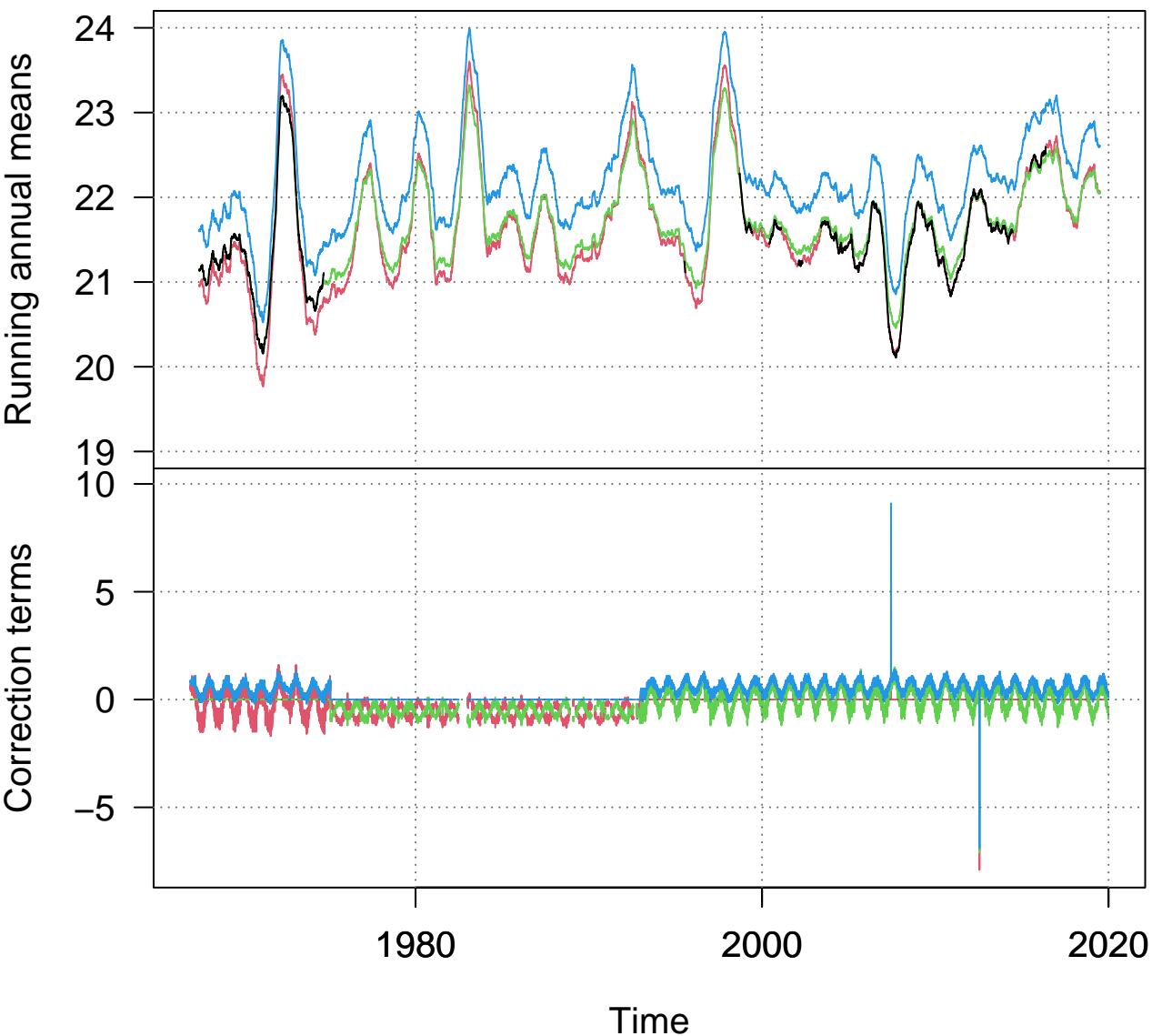


# Final graphics

Adjusted series and  
applied corrections

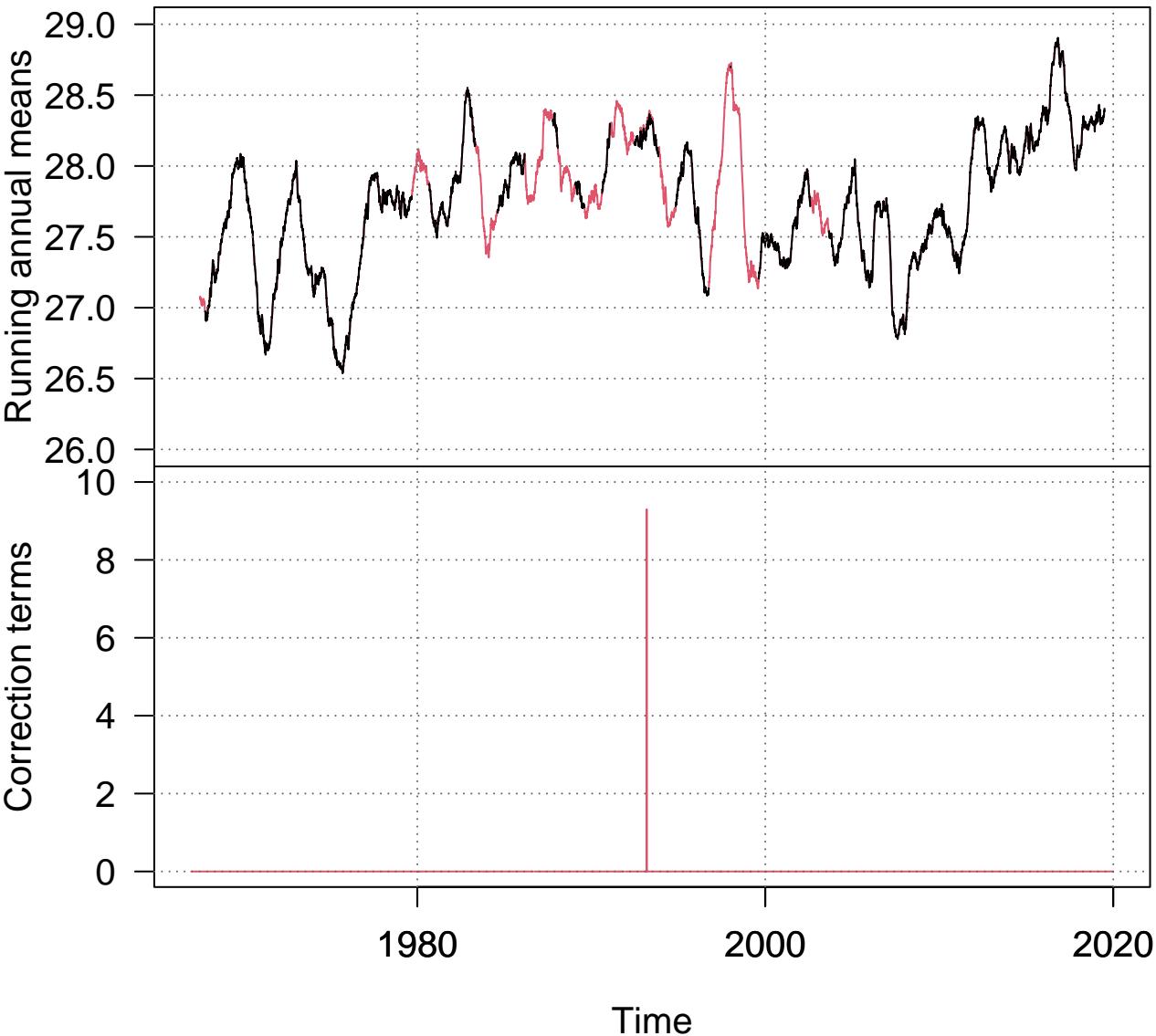
tmax 1 (ho00000830)

PUNTAATICO

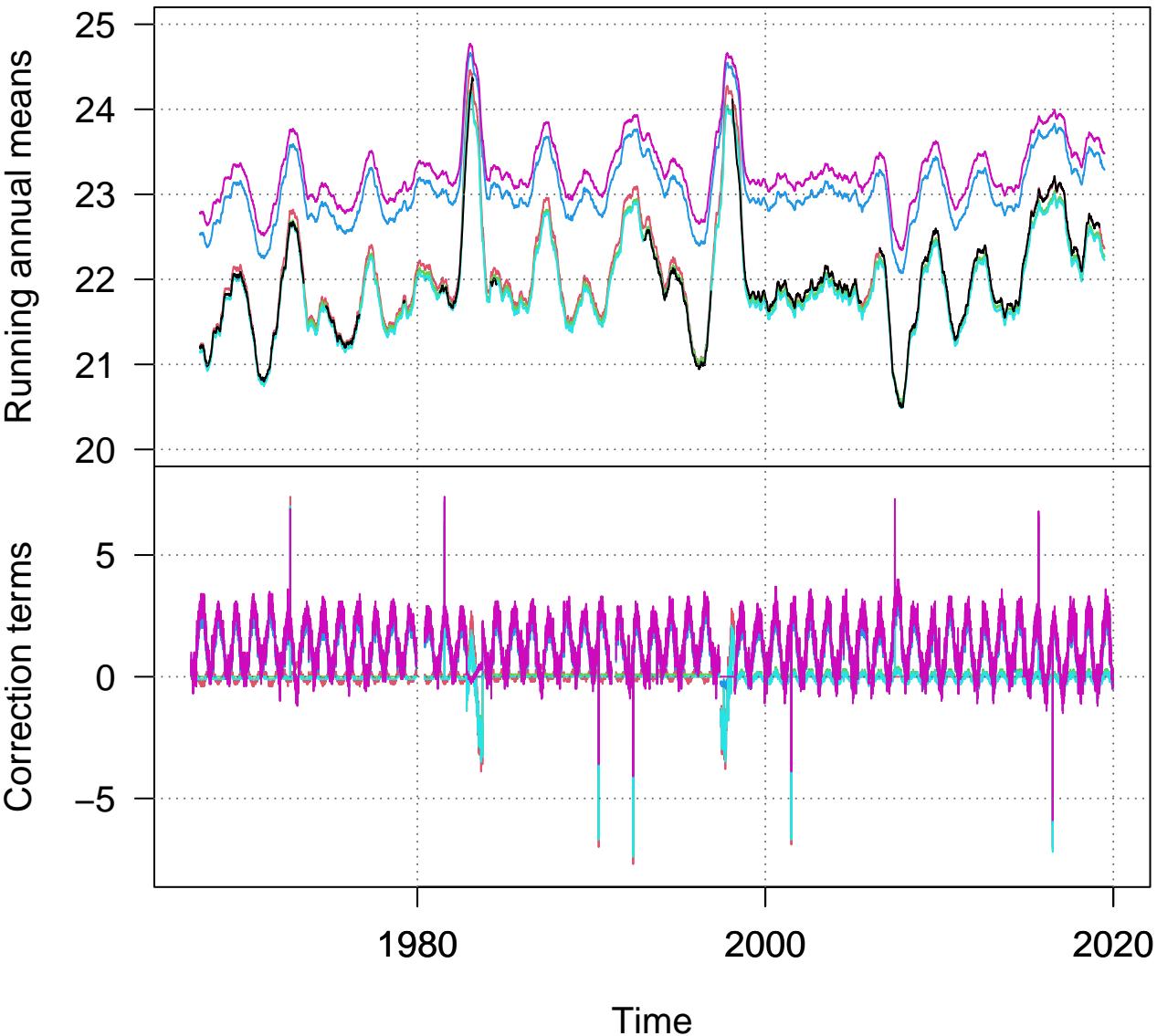


tmax 2 (ho00000833)

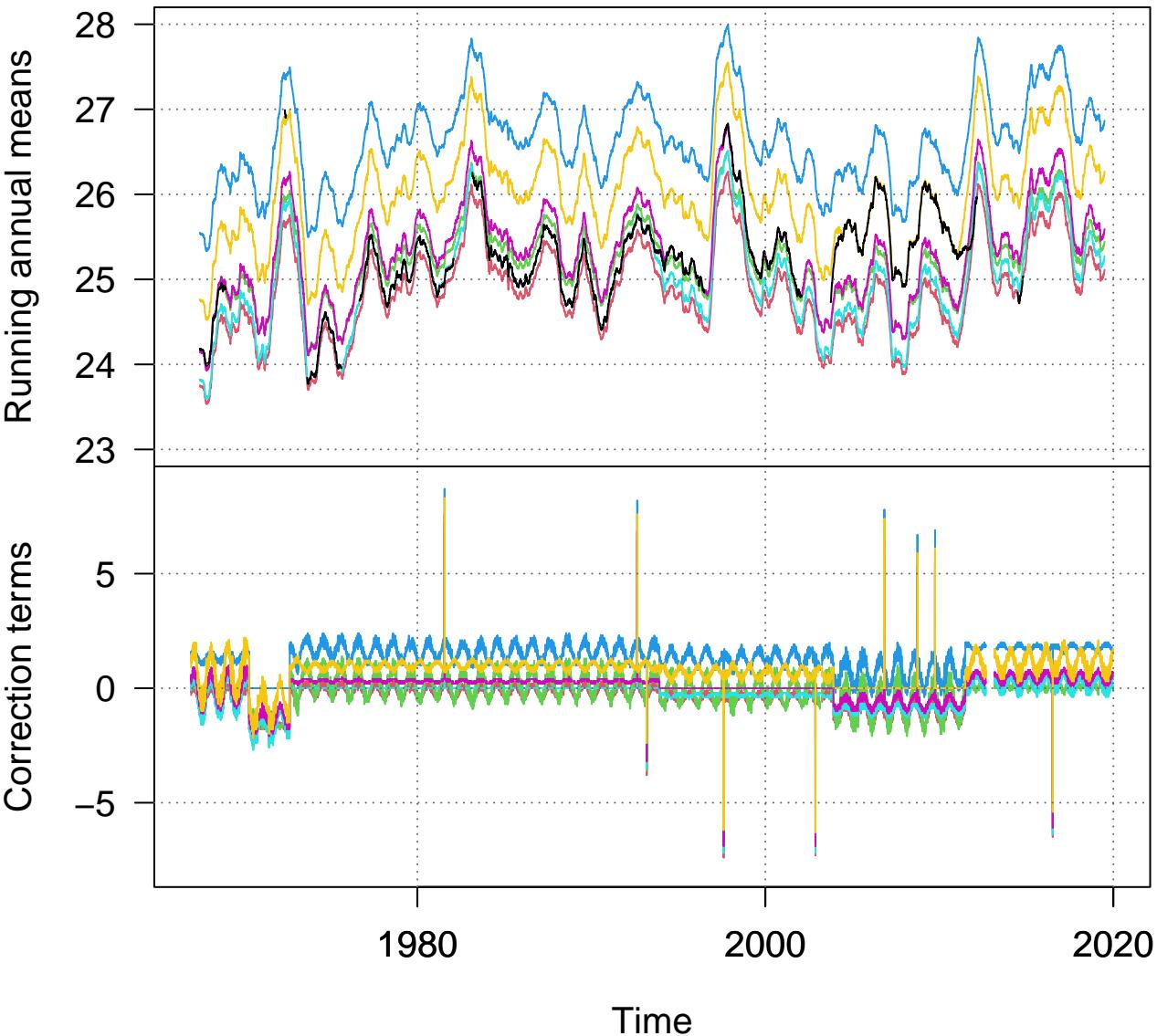
APLAO



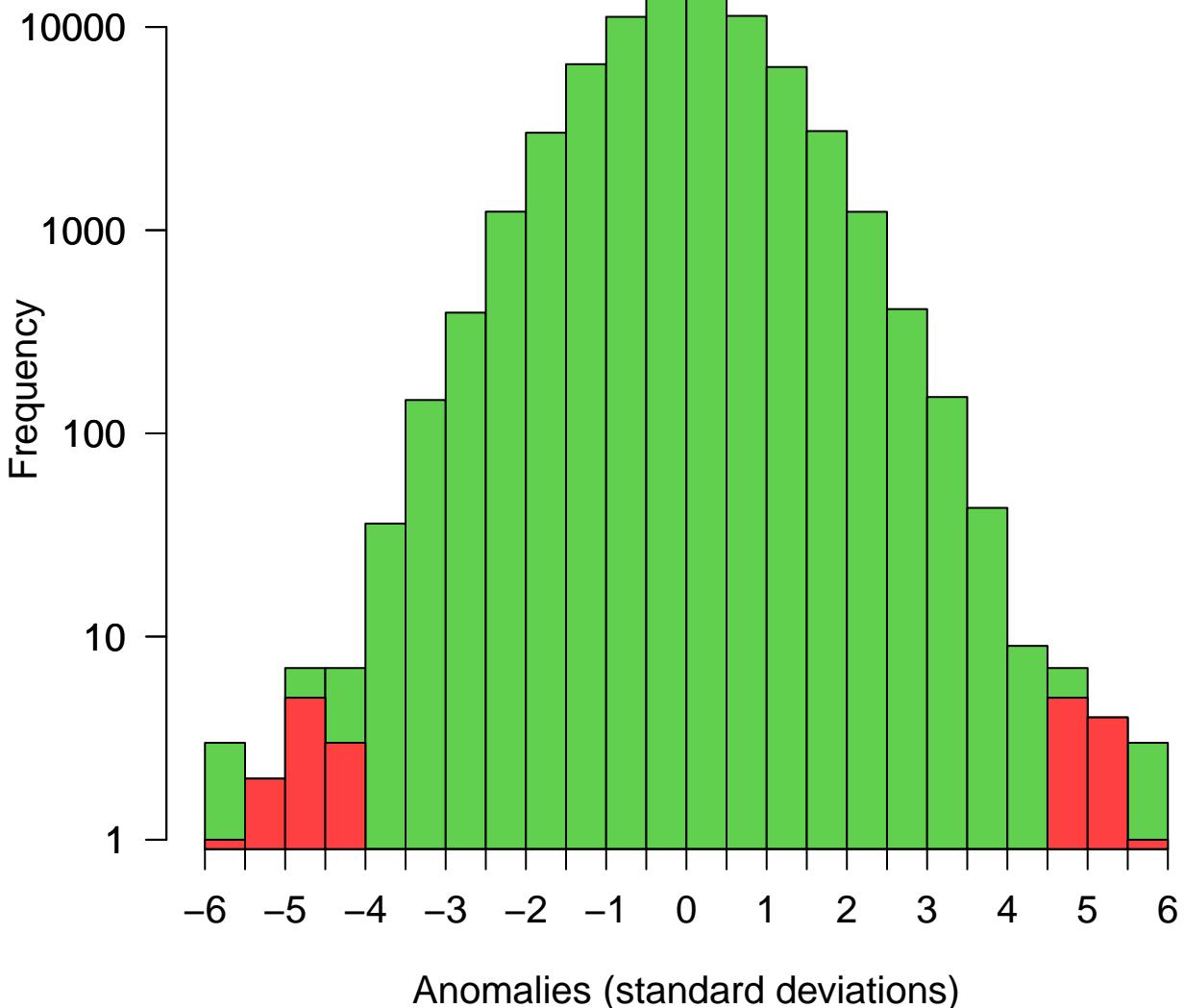
**tmax 3 (ho00000846)**  
**PUNTACOLES**



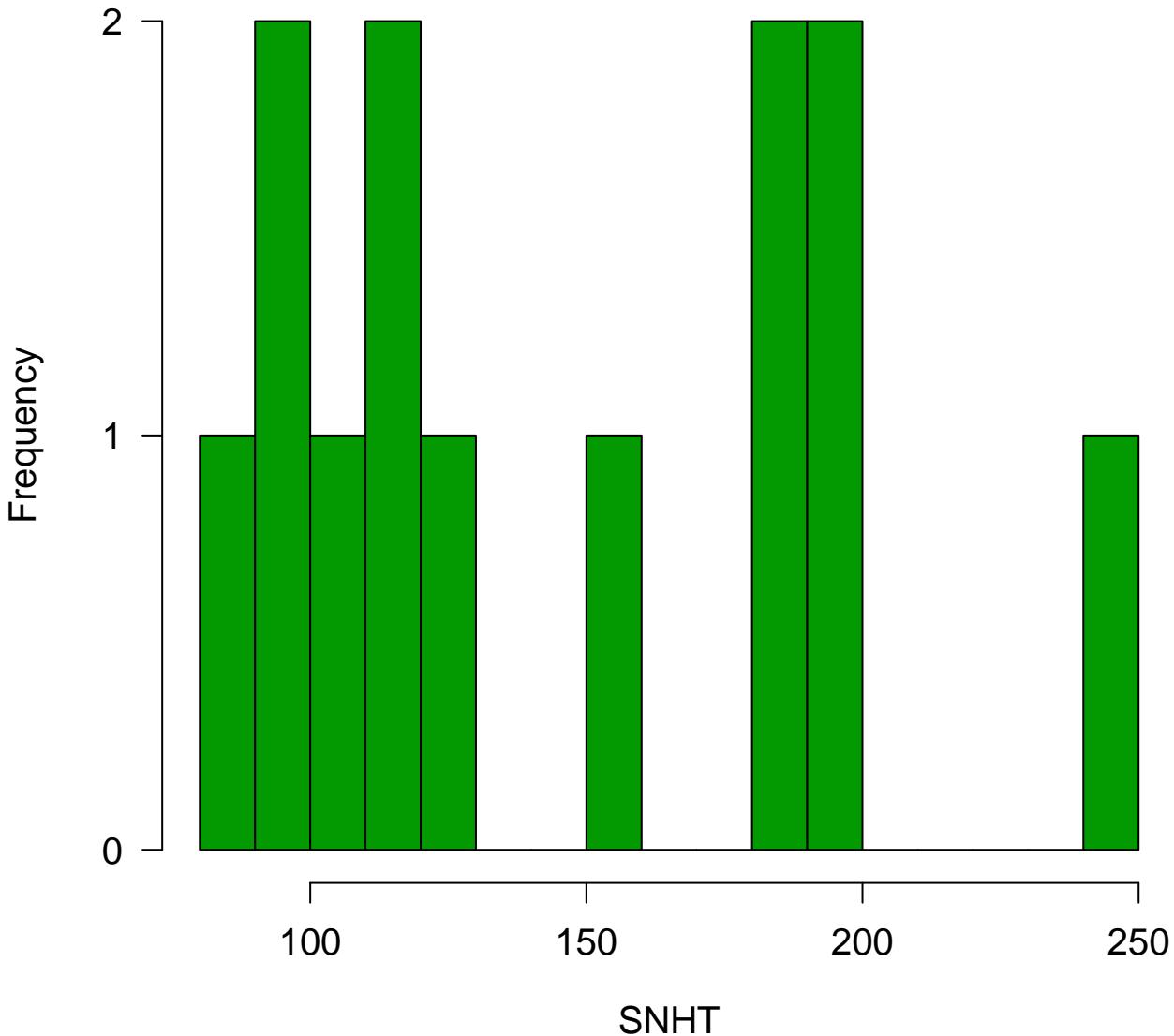
**tmax 4 (ho00157102)**  
**PAMPABLANCA**



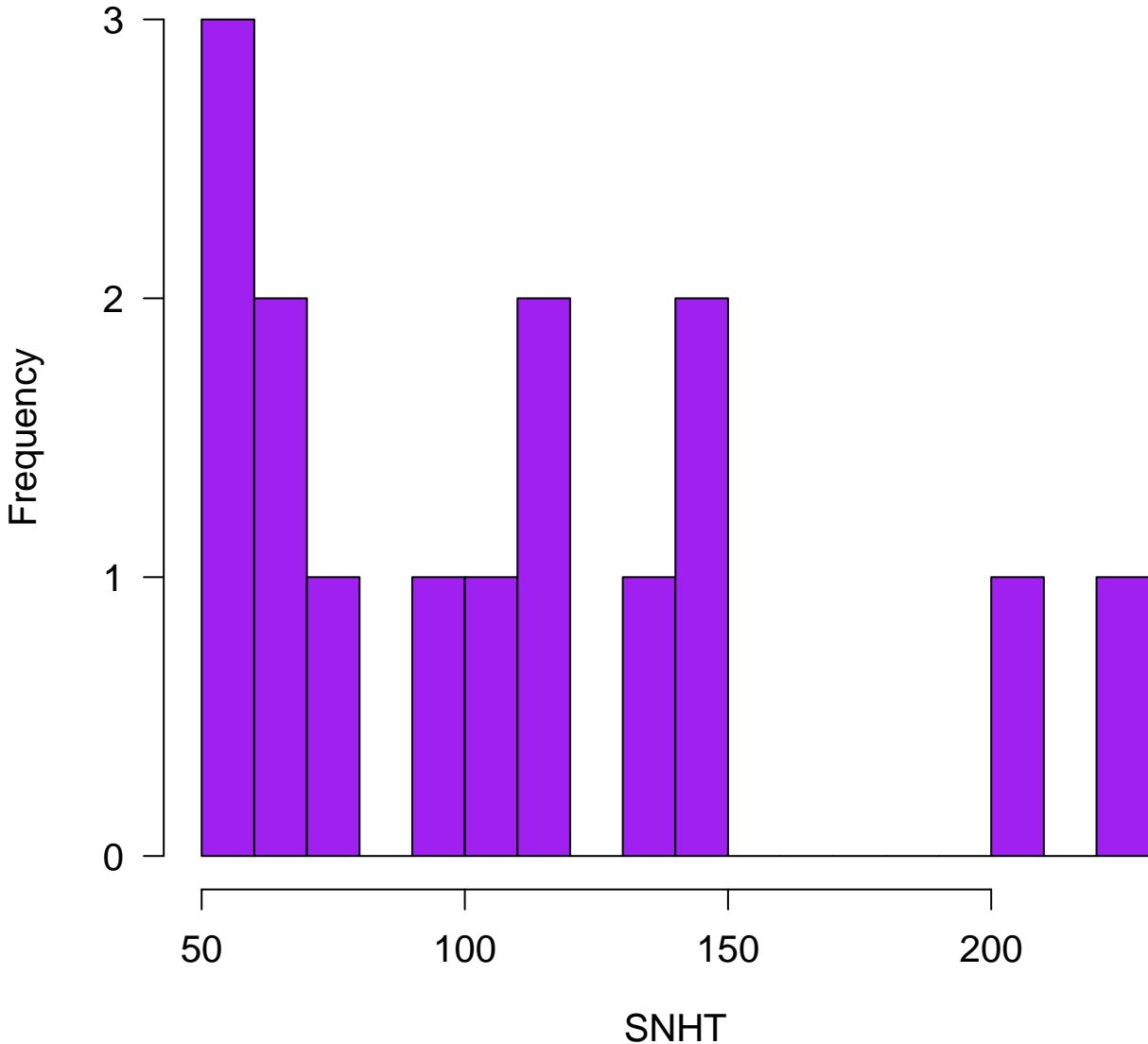
# Histogram of standardized anomalies



## Histogram of maximum windowed SNHT



## Histogram of maximum global SNHT



## Station's quality/singularity

