CLIMATOL 4.1.0
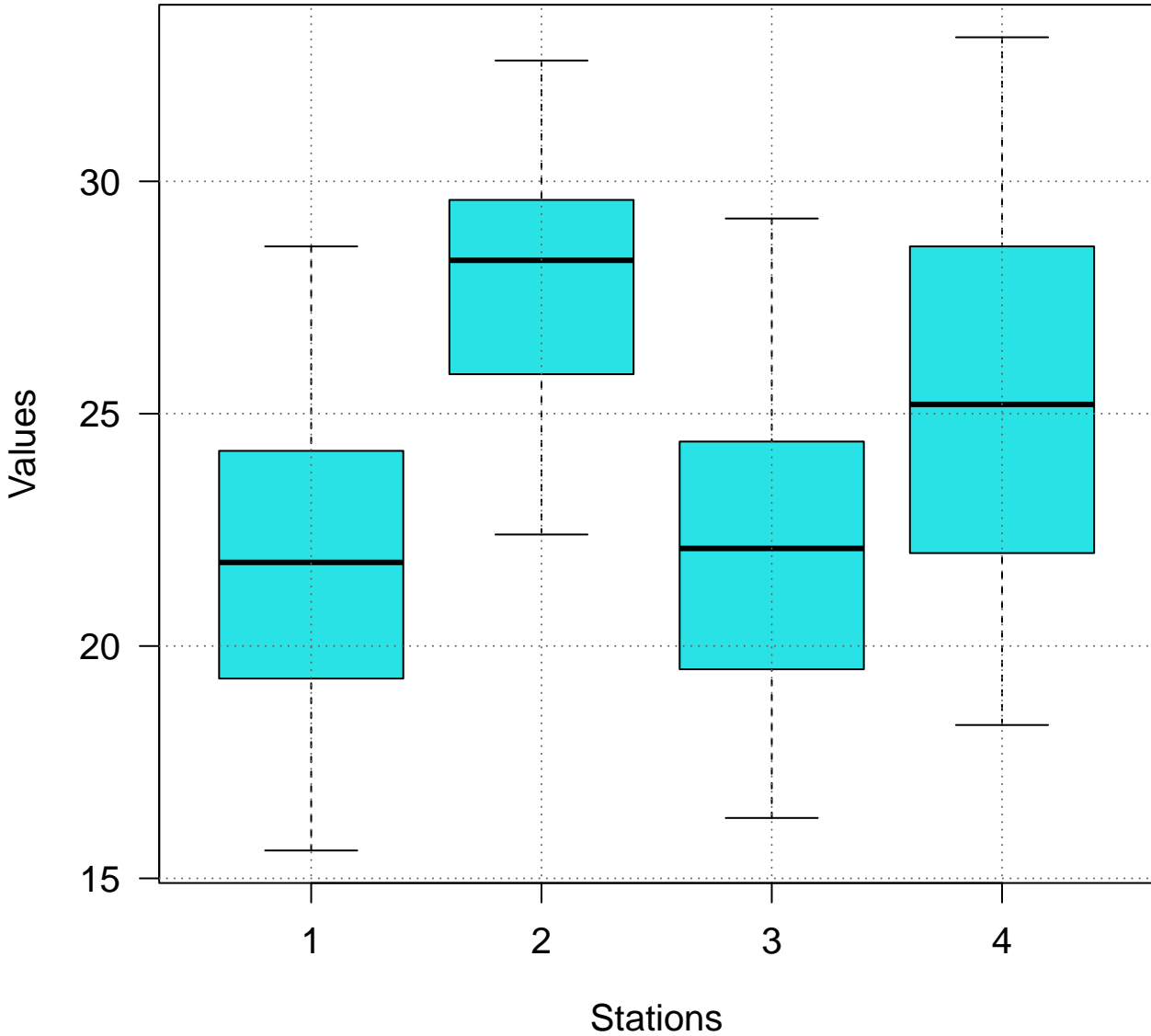
Homogenization
graphic output of
tmax−m
1965−2019
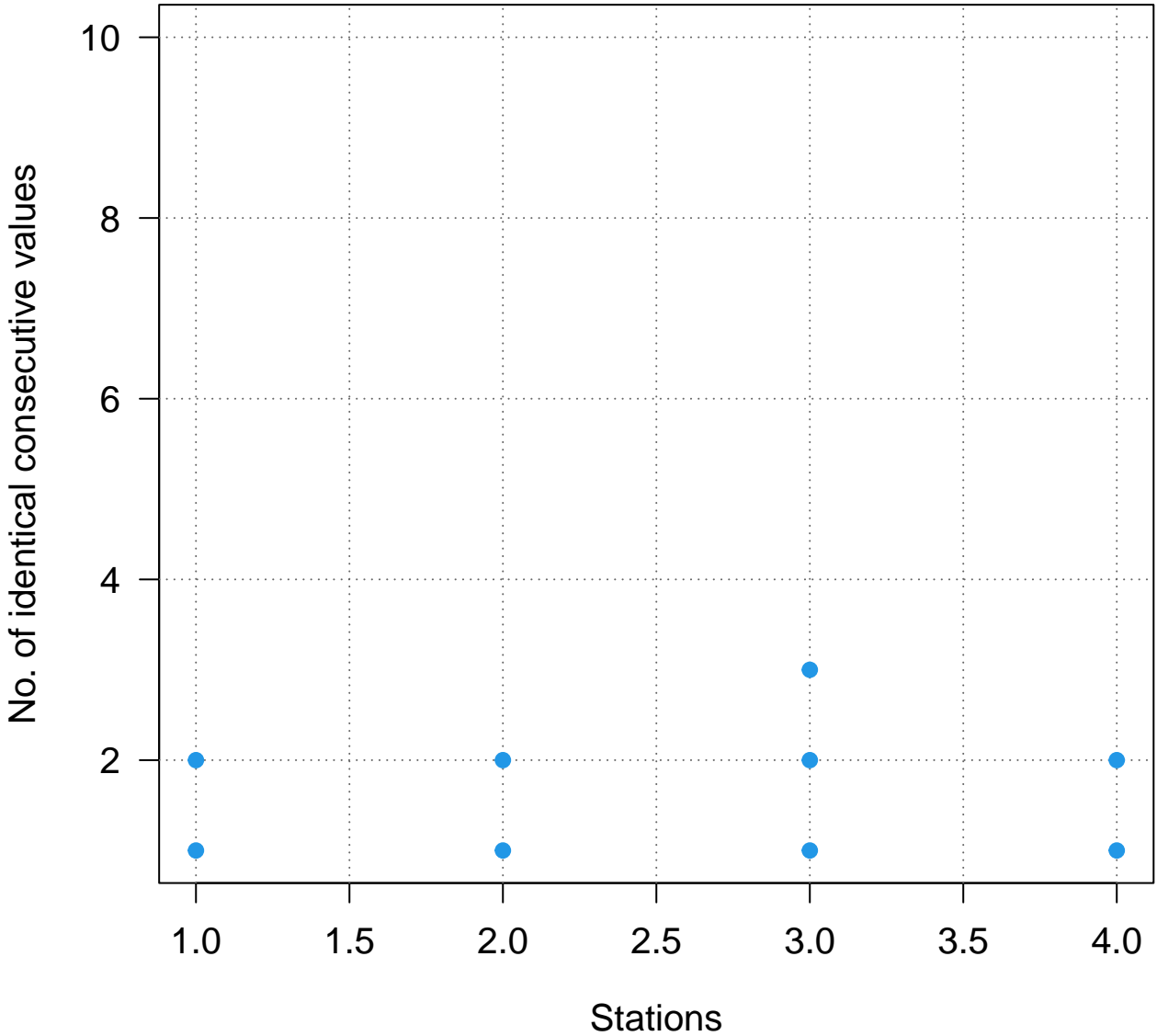
tmax−m data
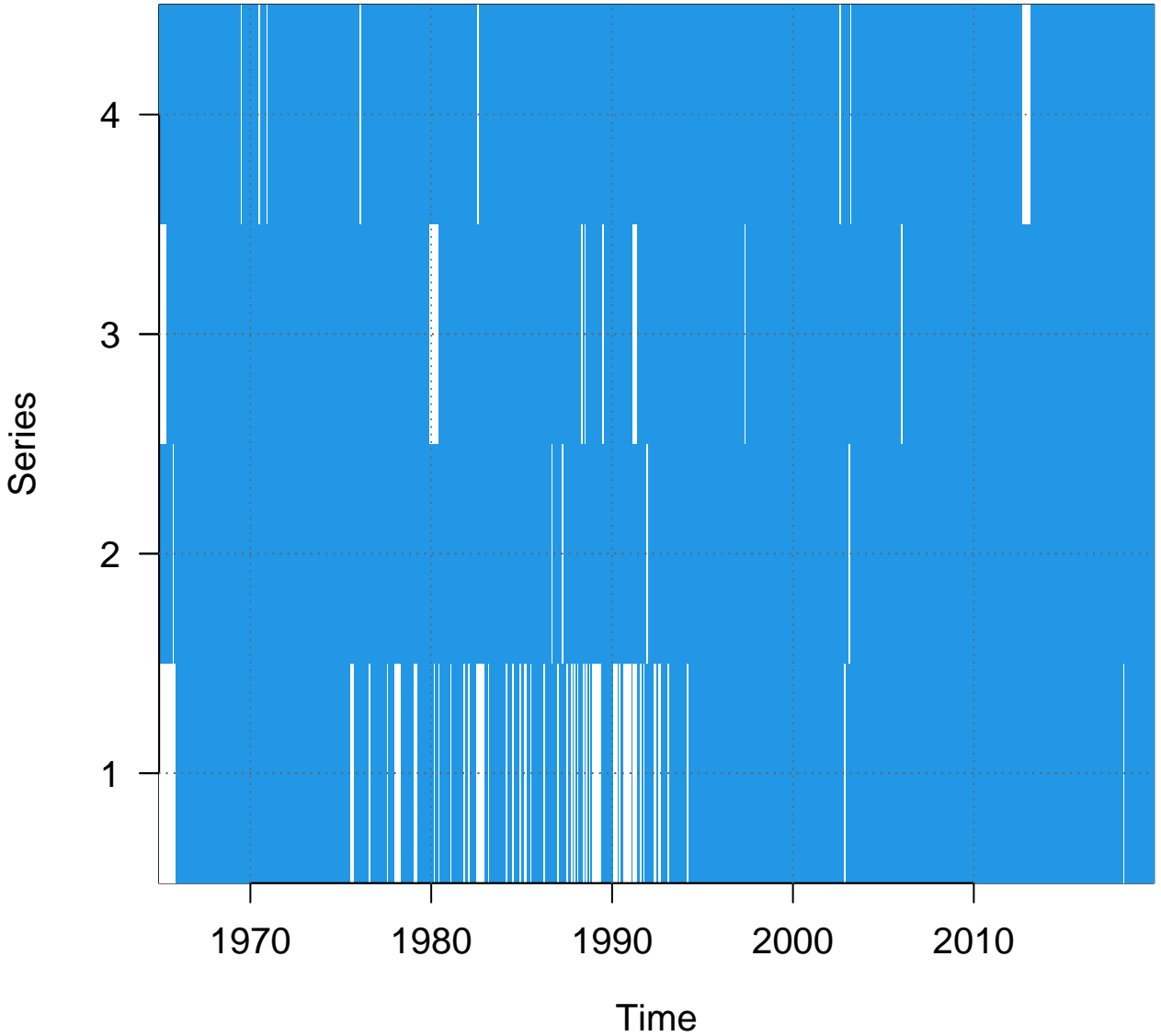
Values

Stations

tmax−m data increments

tmax−m run lengths
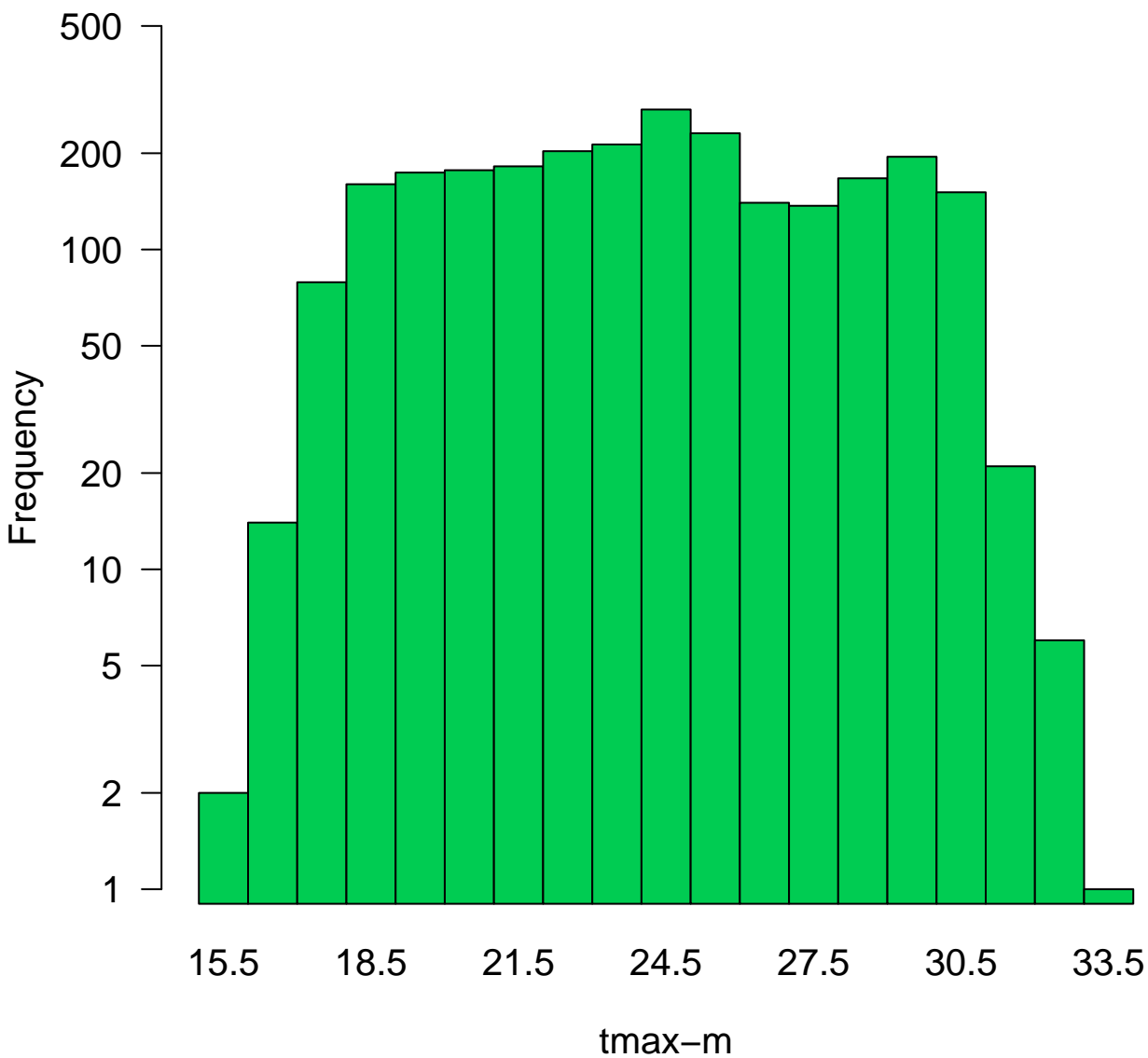
No. of identical consecutive values
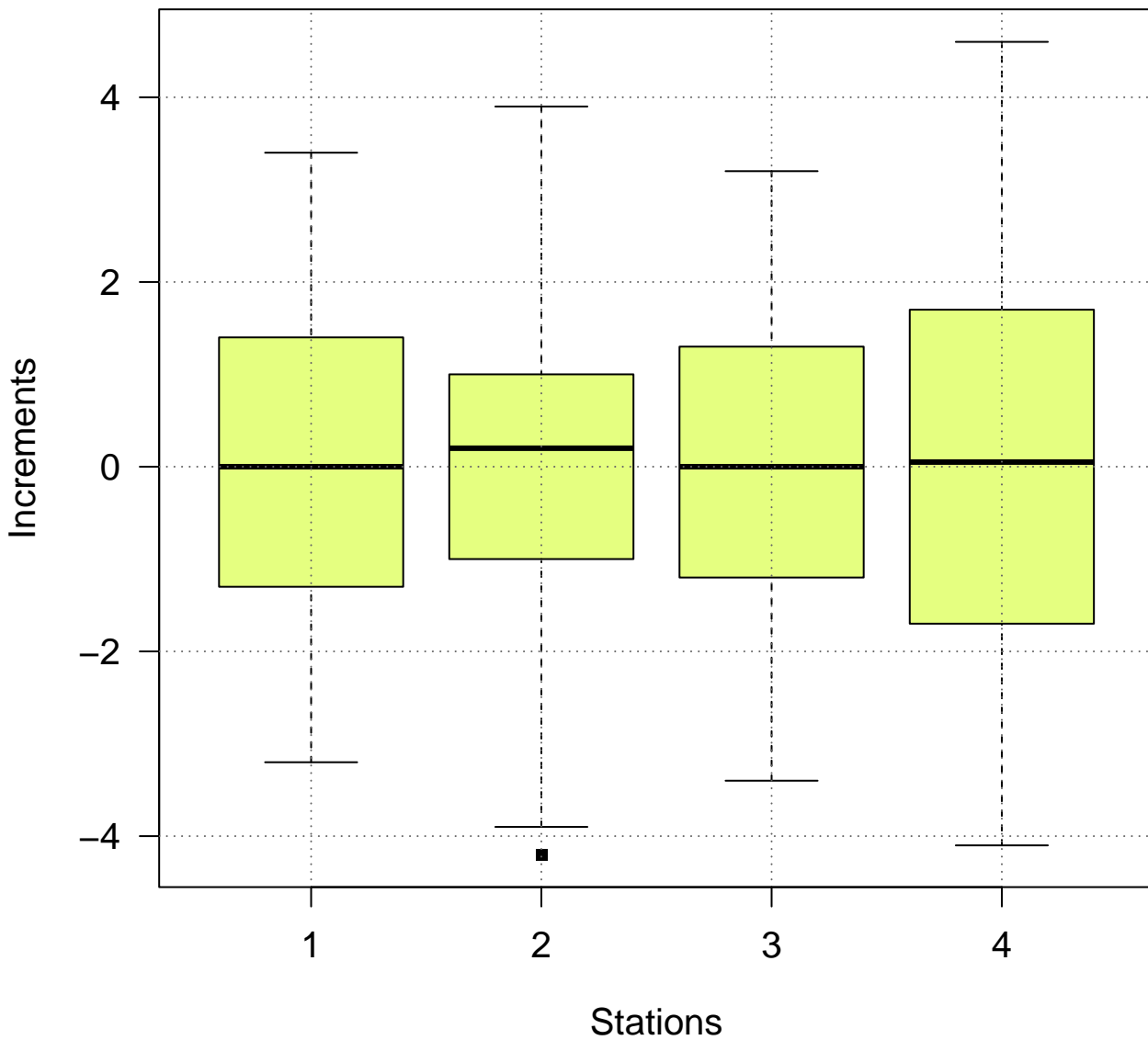
Stations

tmax−m data availability

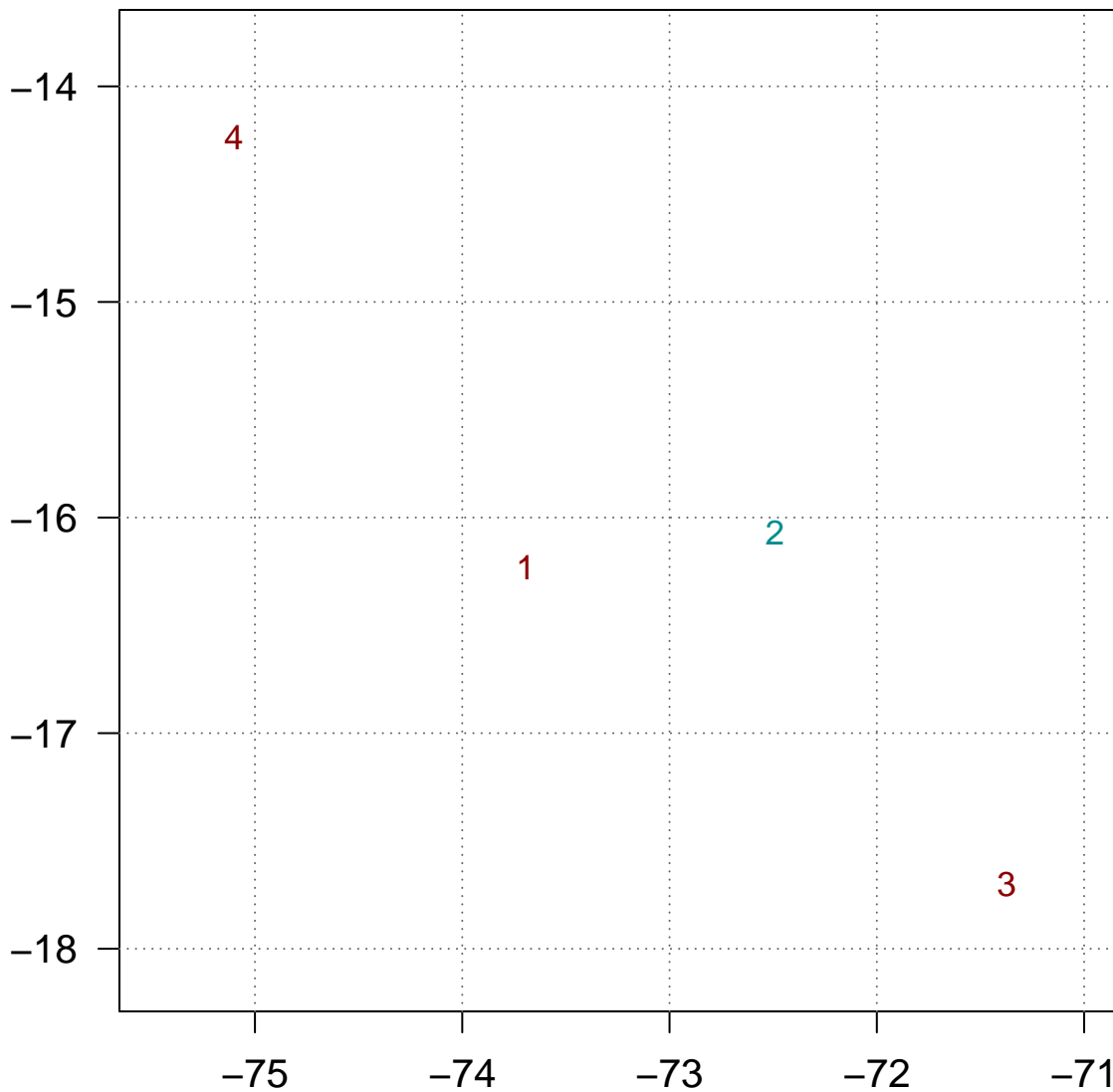**Number of tmax−m data in all stations**
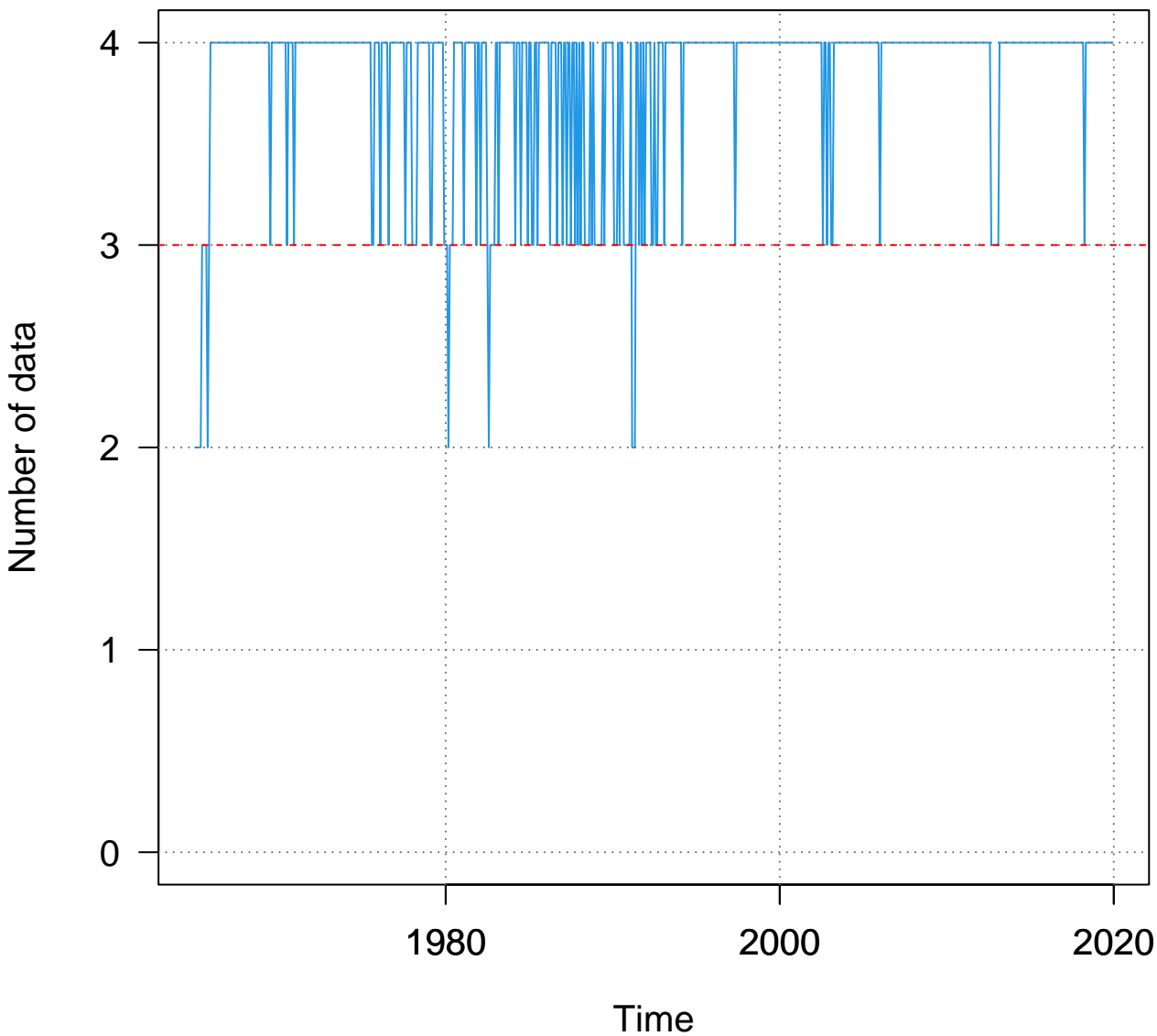
Histogram of all data

Frequency

tmax−m

Correlogram of first difference tmax−m series
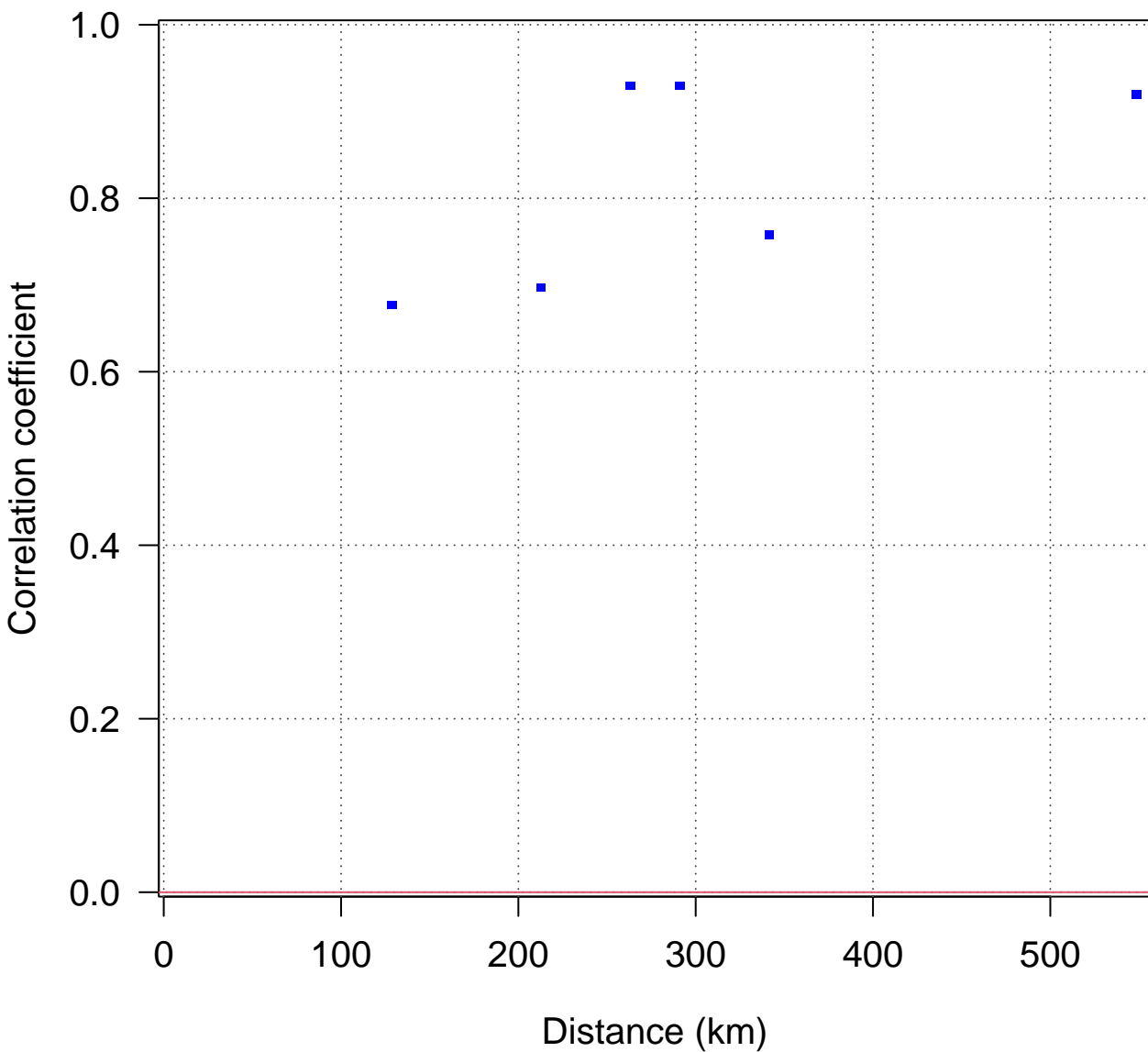
Dendrogram of station clusters

Dissimilarity
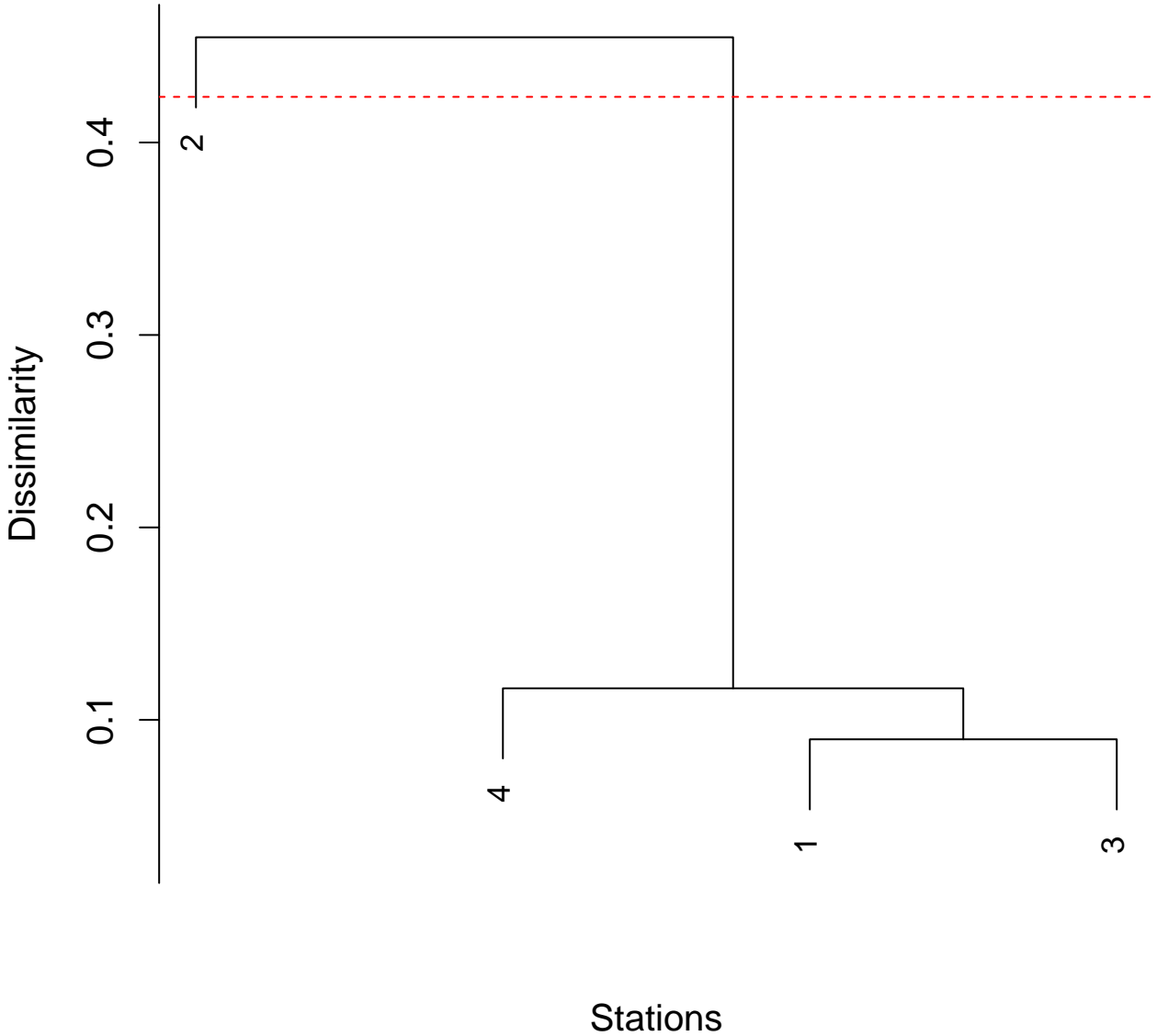
Stations

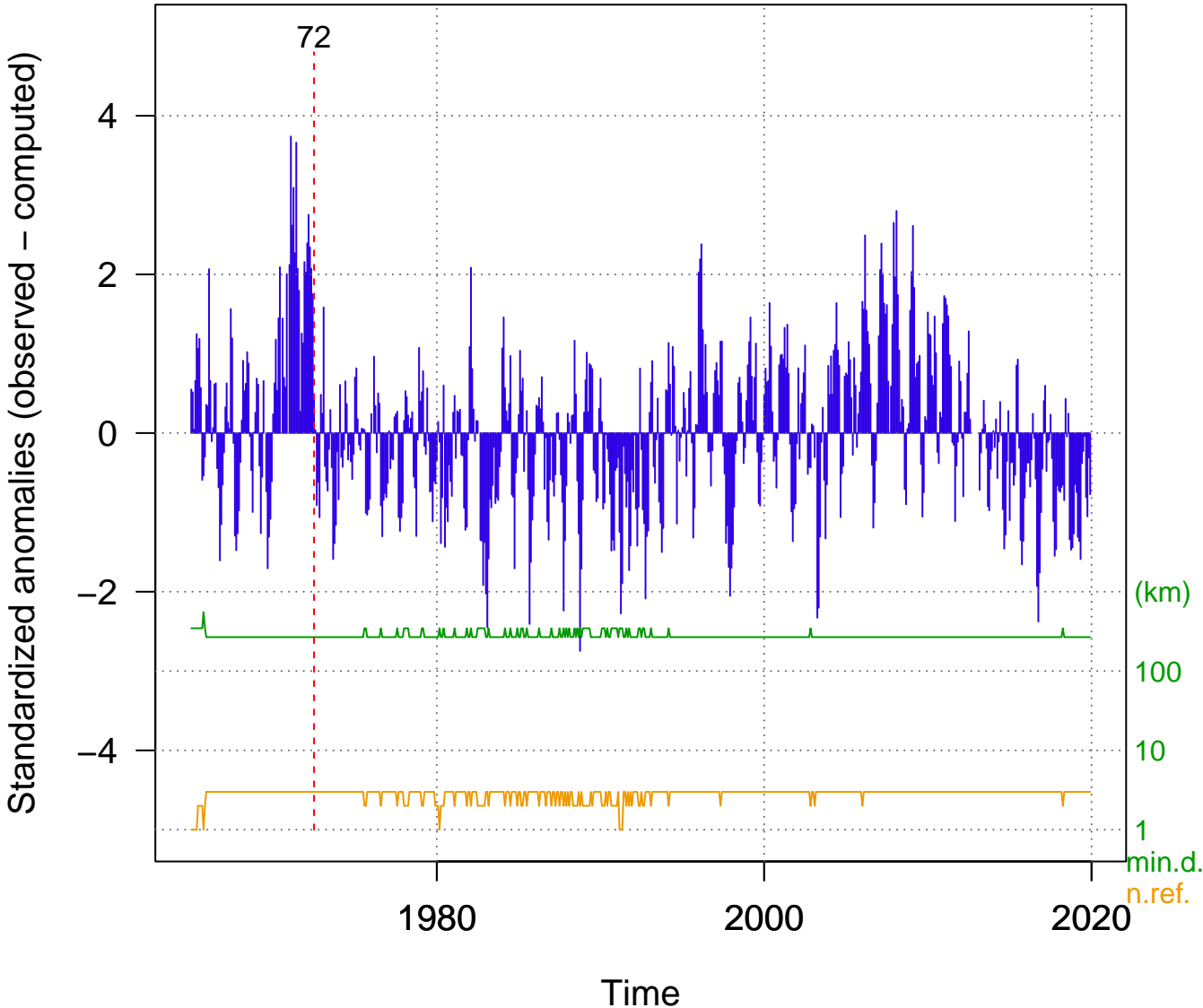**tmax−m station locations (2 clusters)**

Stage 1

Binary splits on 60 terms
stepped windows with
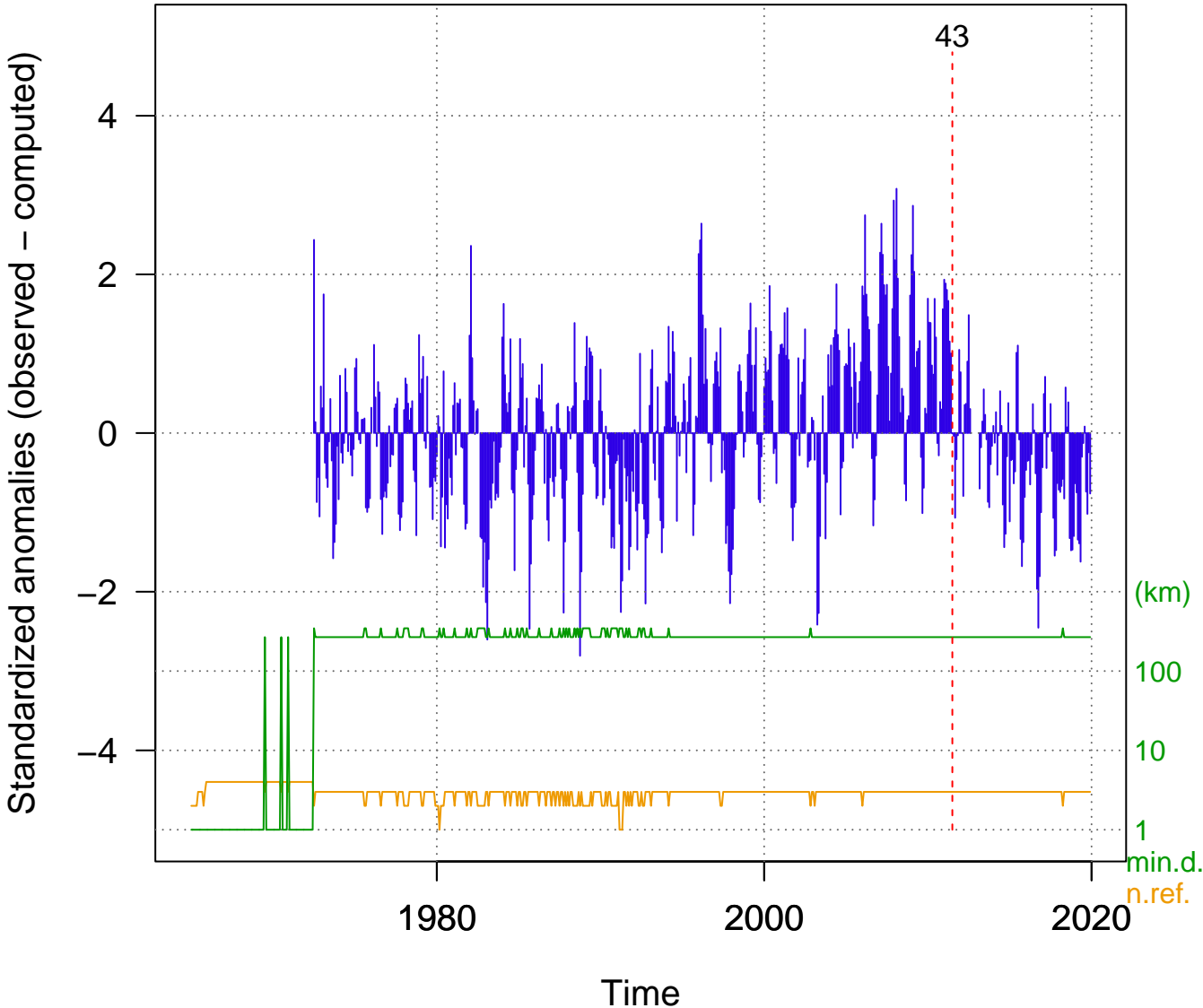std=3, SNHT>25
and wd=0 km
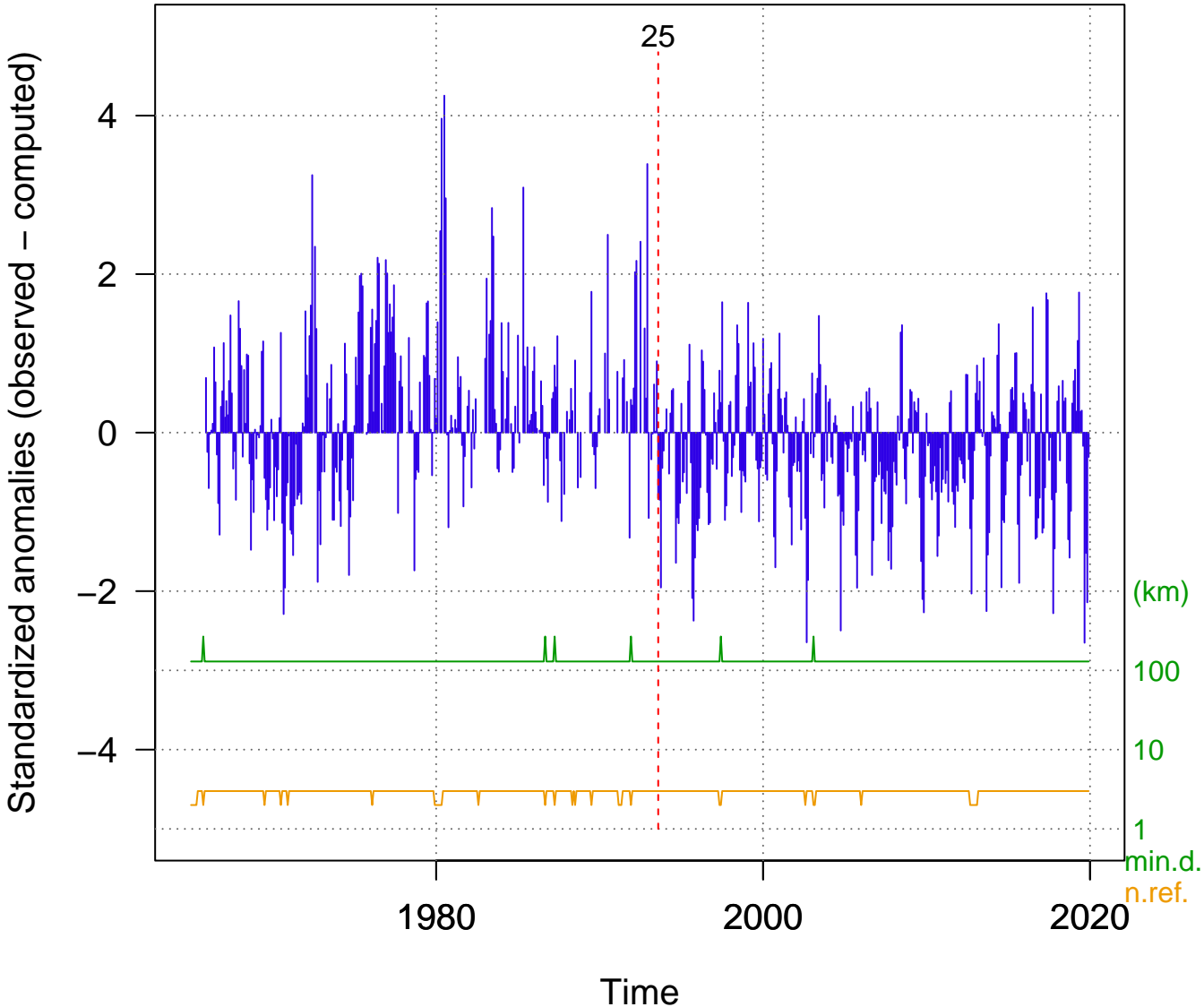
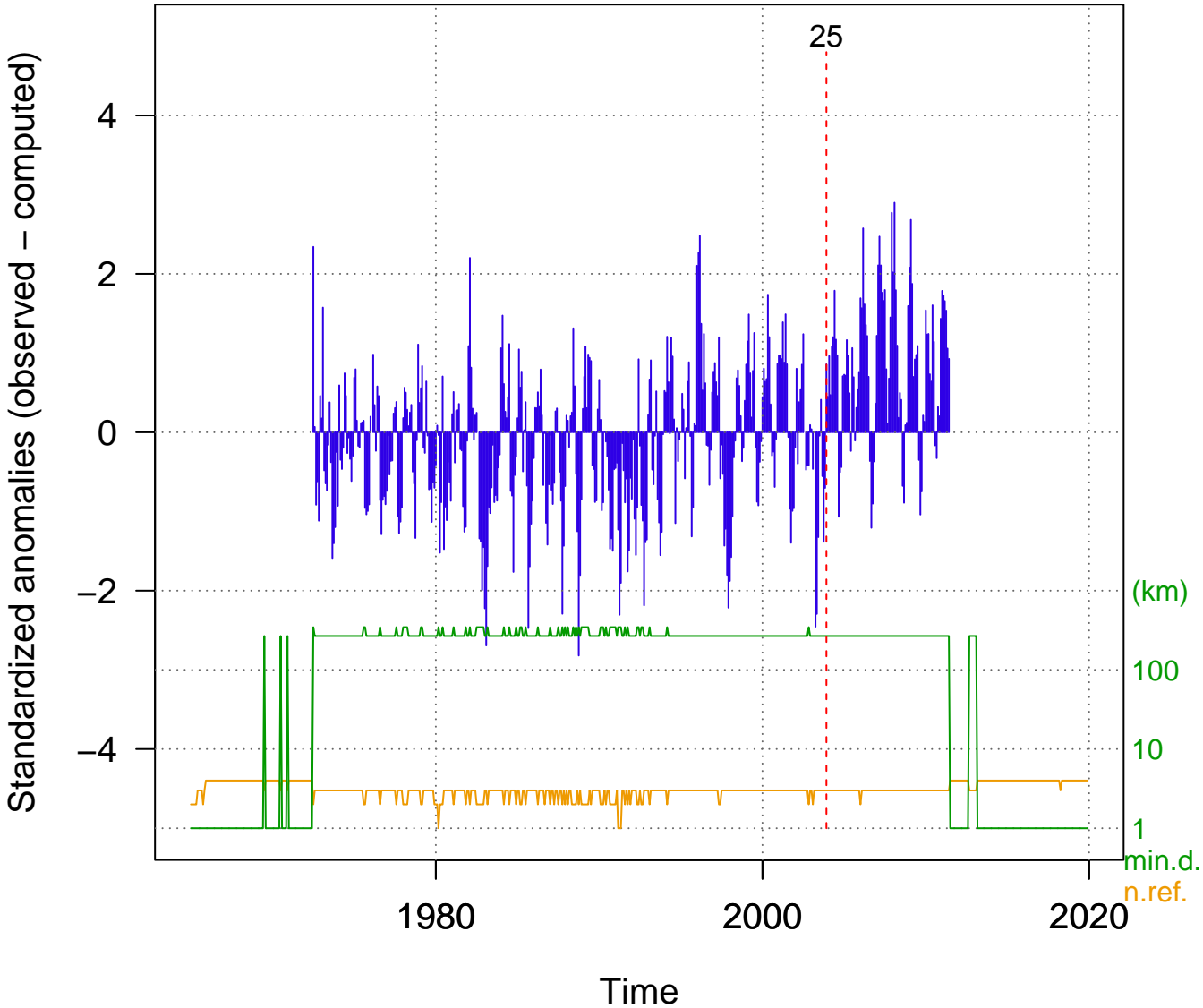tmax−m   4 (ho00157102)
PAMPABLANCA

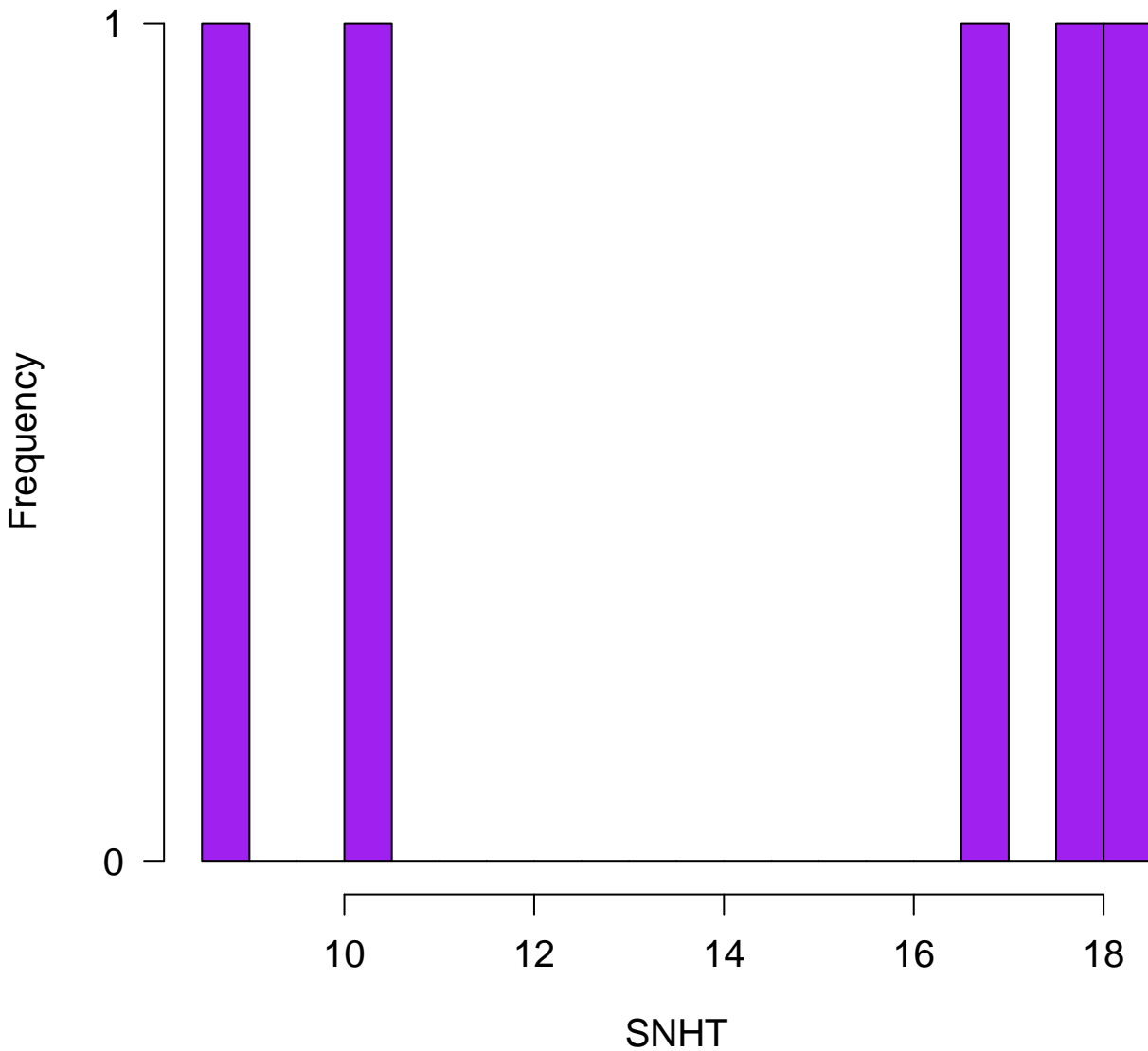**tmax-m 4 (ho00157102)**
PAMPABLANCA

tmax–m 1 (ho00000830)
PUNTAATICO

tmax−m   6 (ho00157102−3)
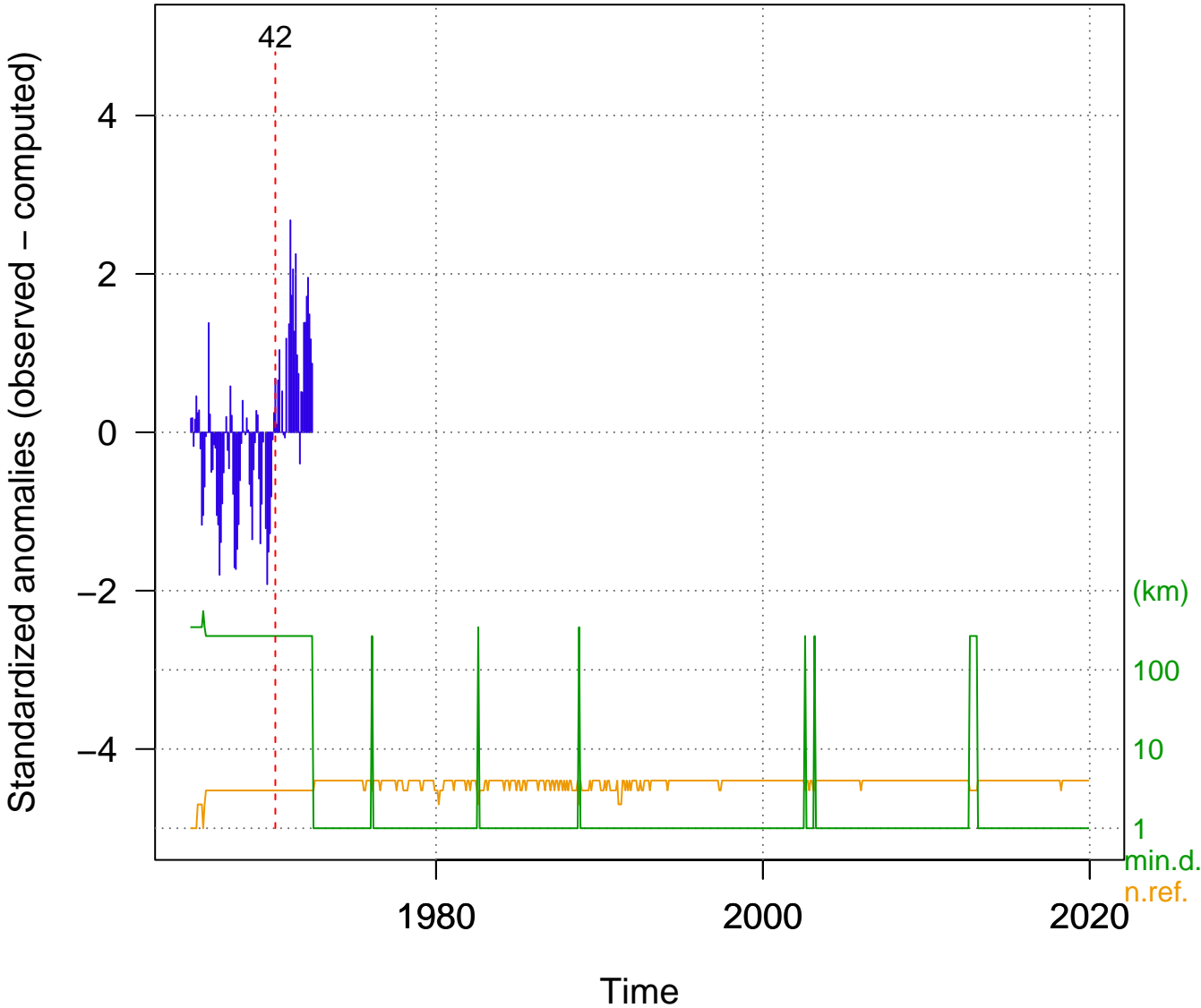PAMPABLANCA−3

Histogram of maximum SNHT (Stage 1)

Stage 2

Binary splits on whole series with std=3, SNHT>25 and wd=0 km

tmax-m 5 (ho00157102-2)
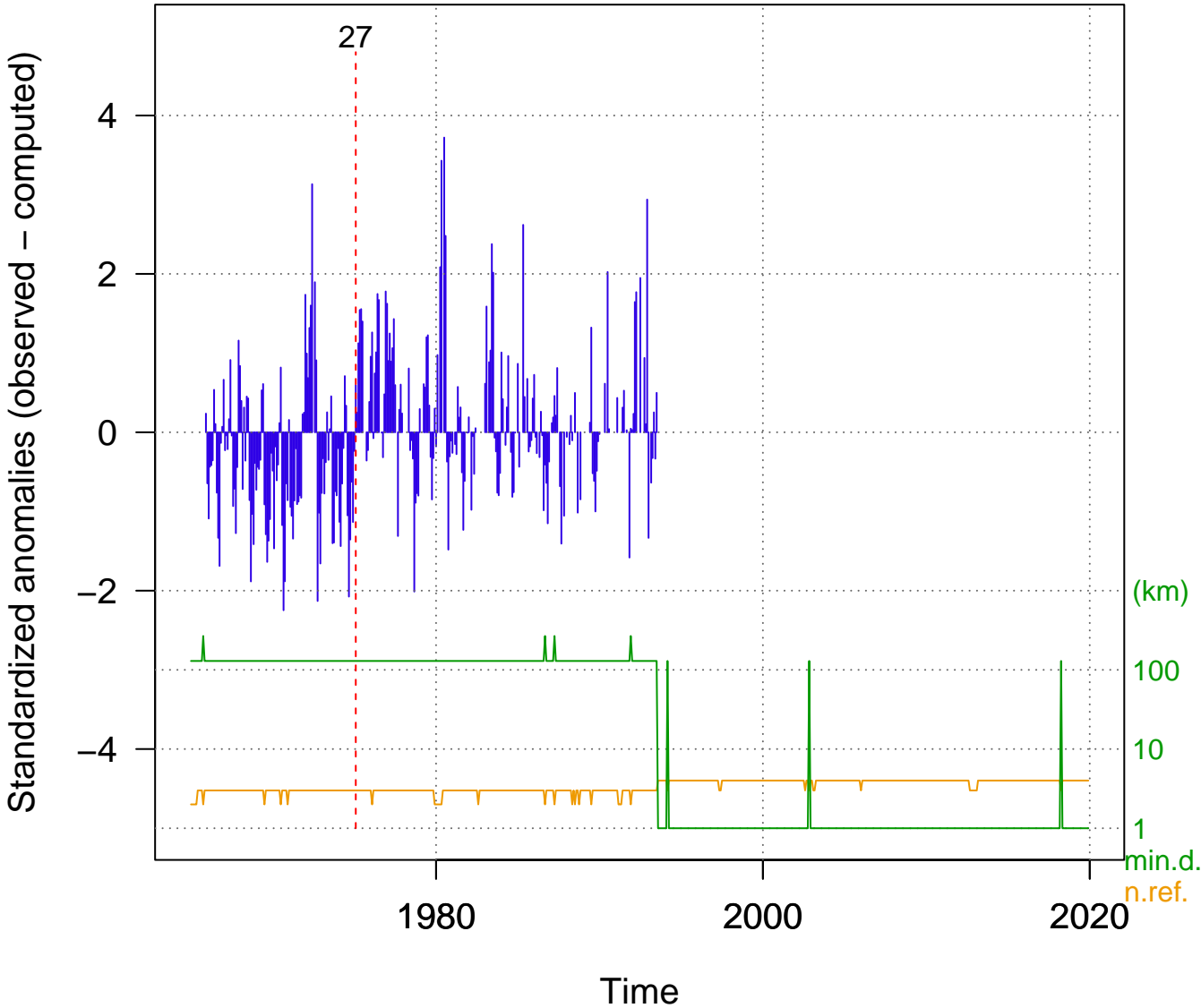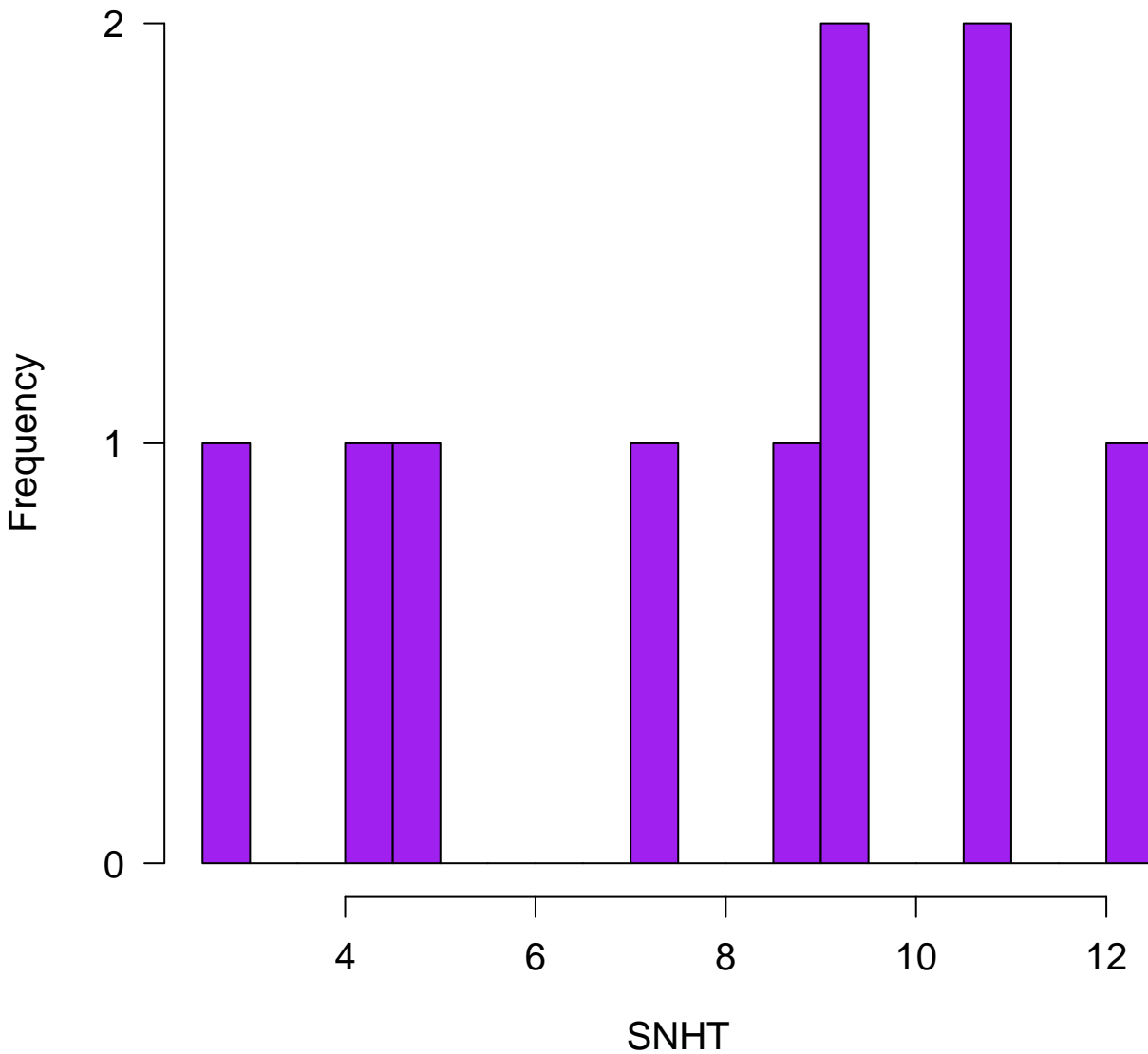**PAMPABLANCA-2**
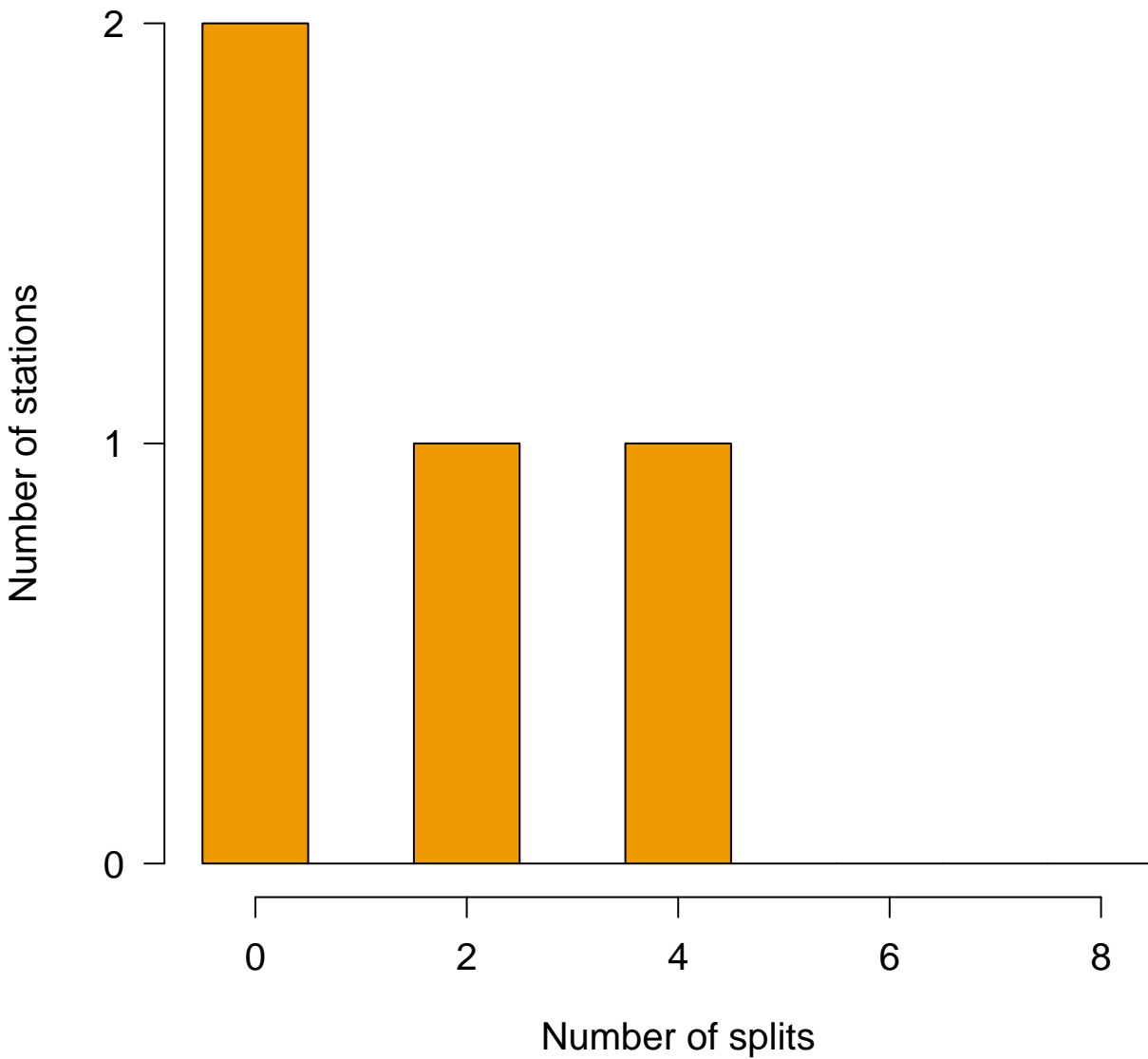
tmax−m 7 (ho00000830−2)
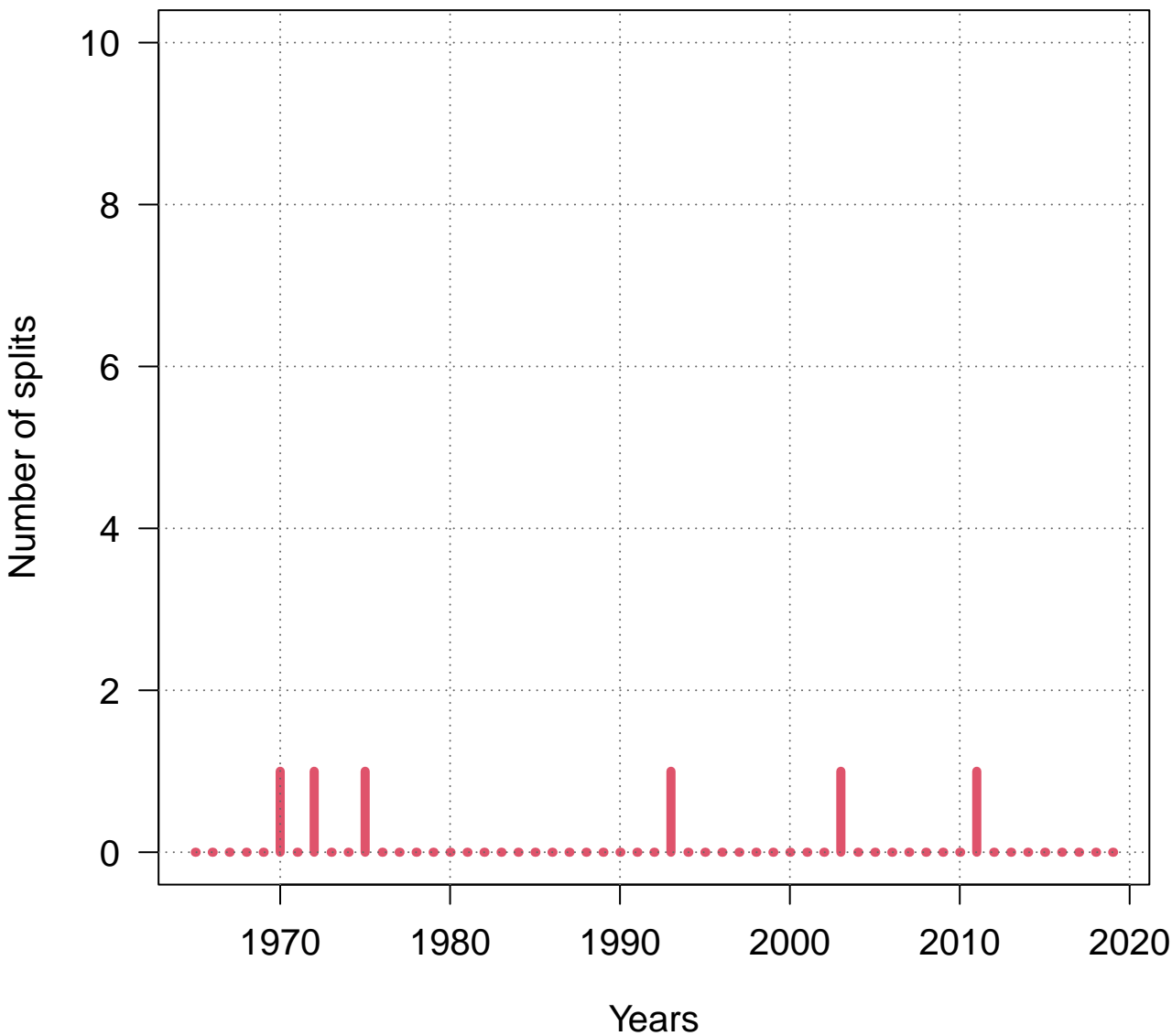**PUNTAATICO−2**

Histogram of maximum SNHT (Stage 2)

Number of splits per station
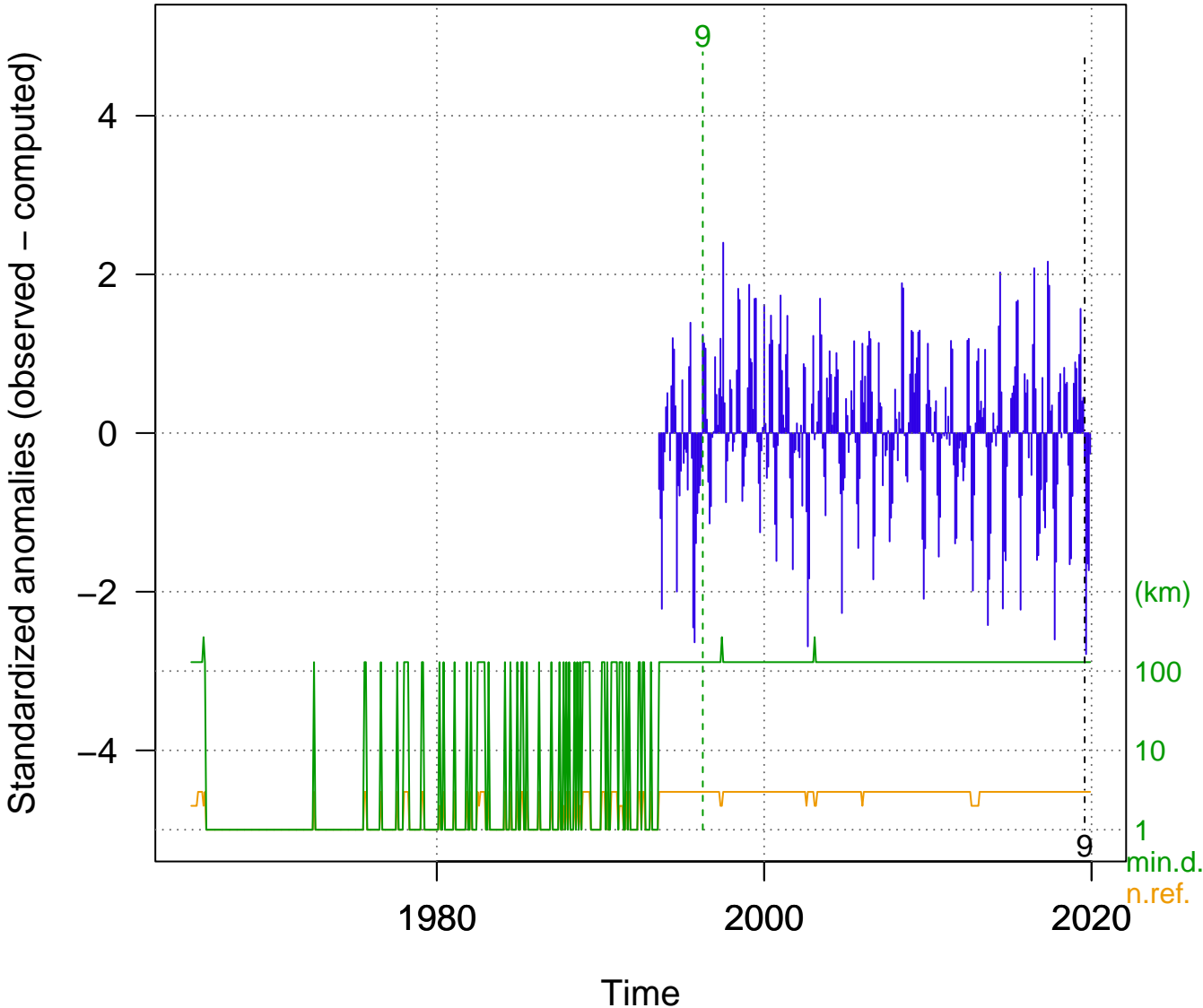
Number of splits per year

Stage 3

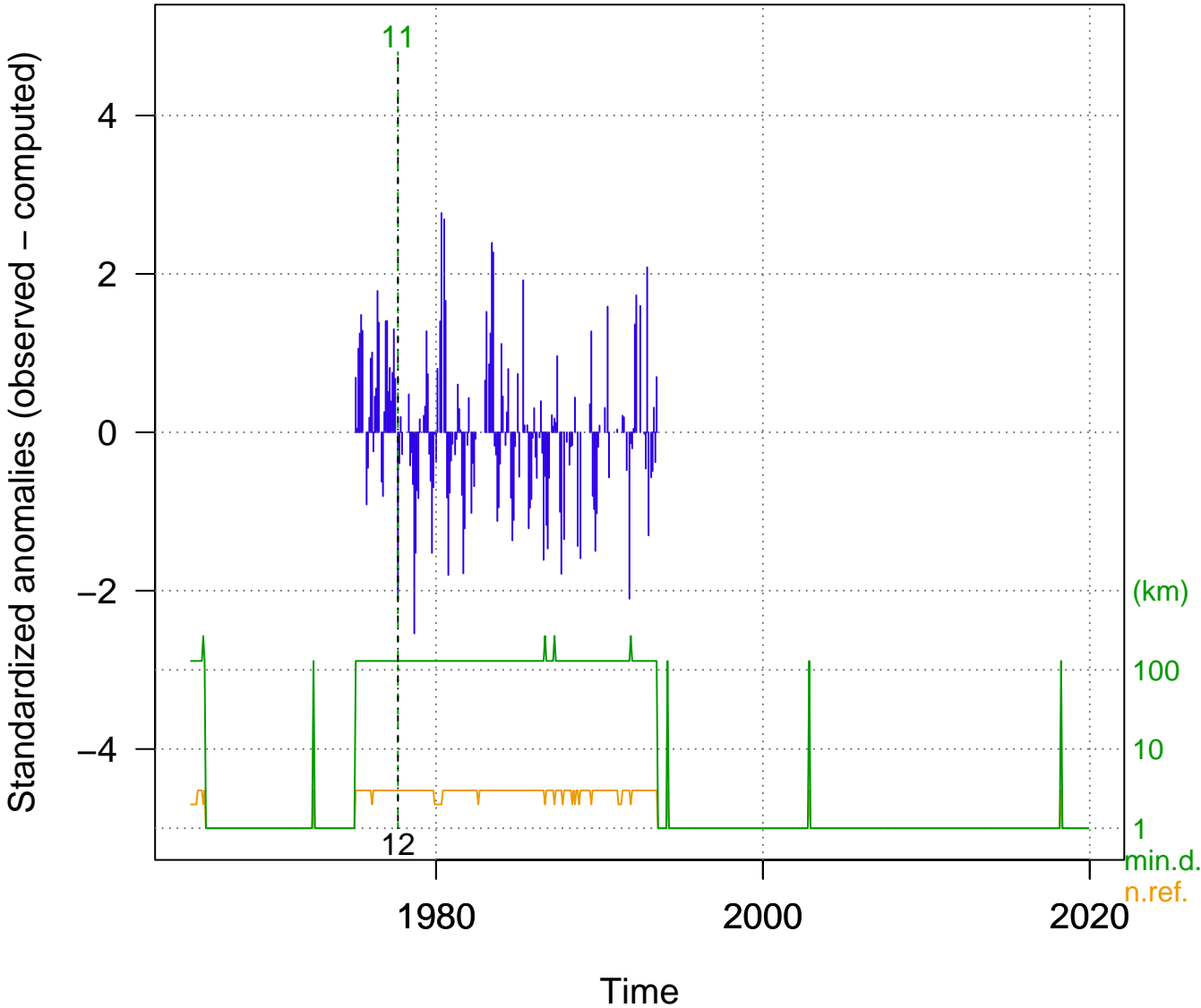Final anomalies of the homogenized series with wd = 100 km and nref = 4
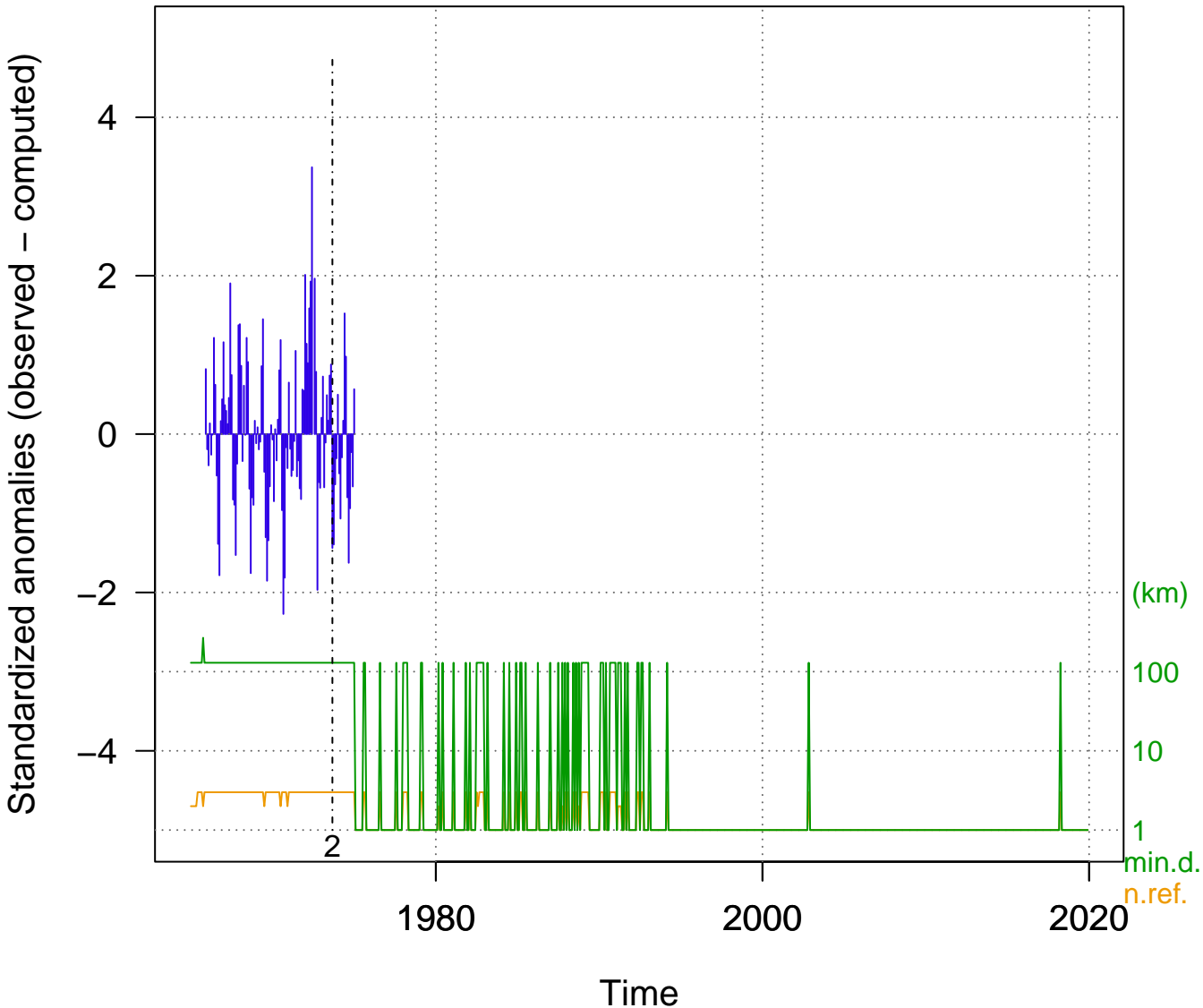
tmax−m 1 (ho00000830)
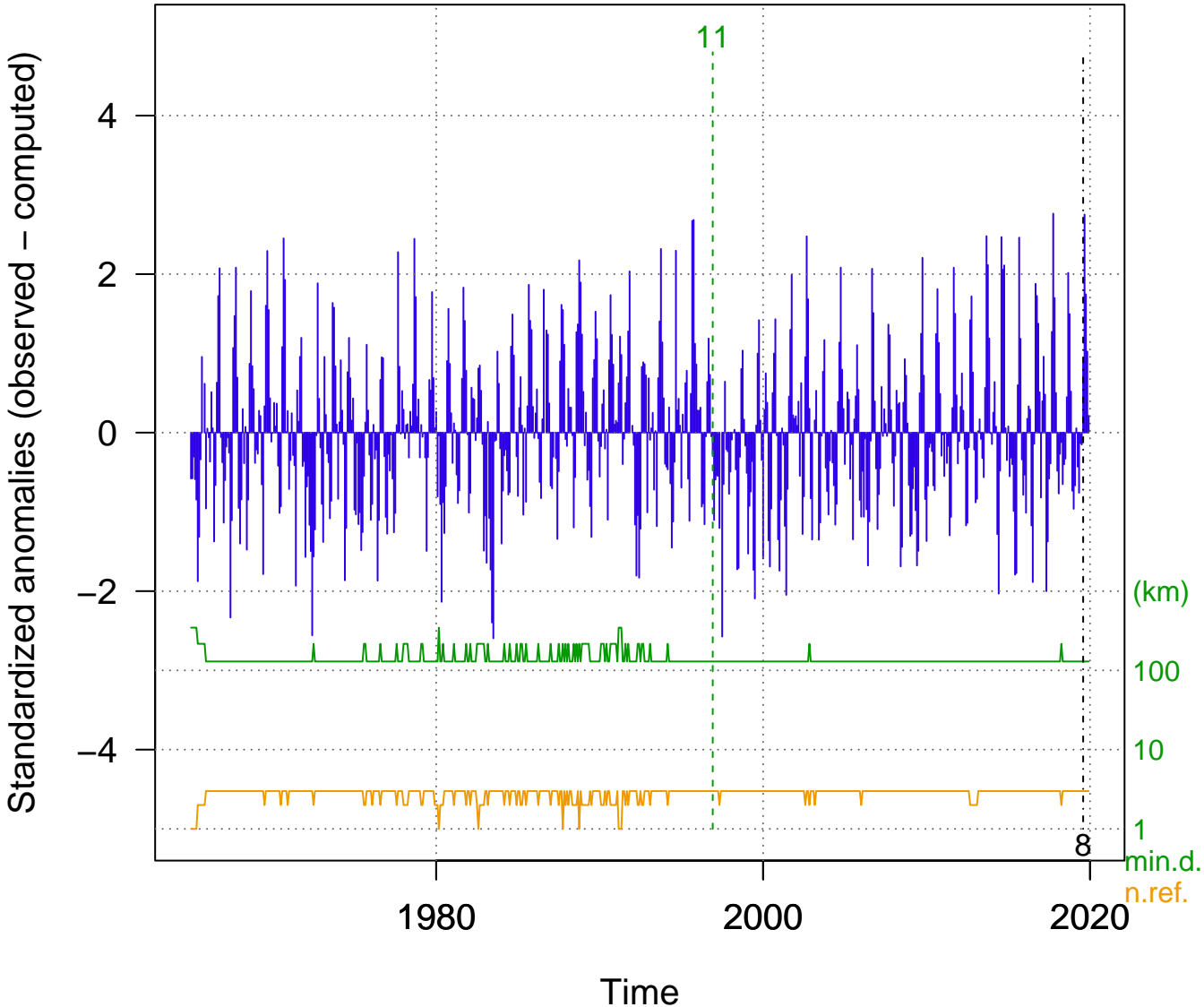PUNTAATICO

tmax–m 7 (ho00000830–2)
PUNTAATICO–2

tmax–m 10 (ho00000830–3)
PUNTAATICO–3

tmax−m 2 (ho00000833)
APLAO

tmax–m   3 (ho00000846)
PUNTACOLES

tmax−m   4 (ho00157102)
PAMPABLANCA
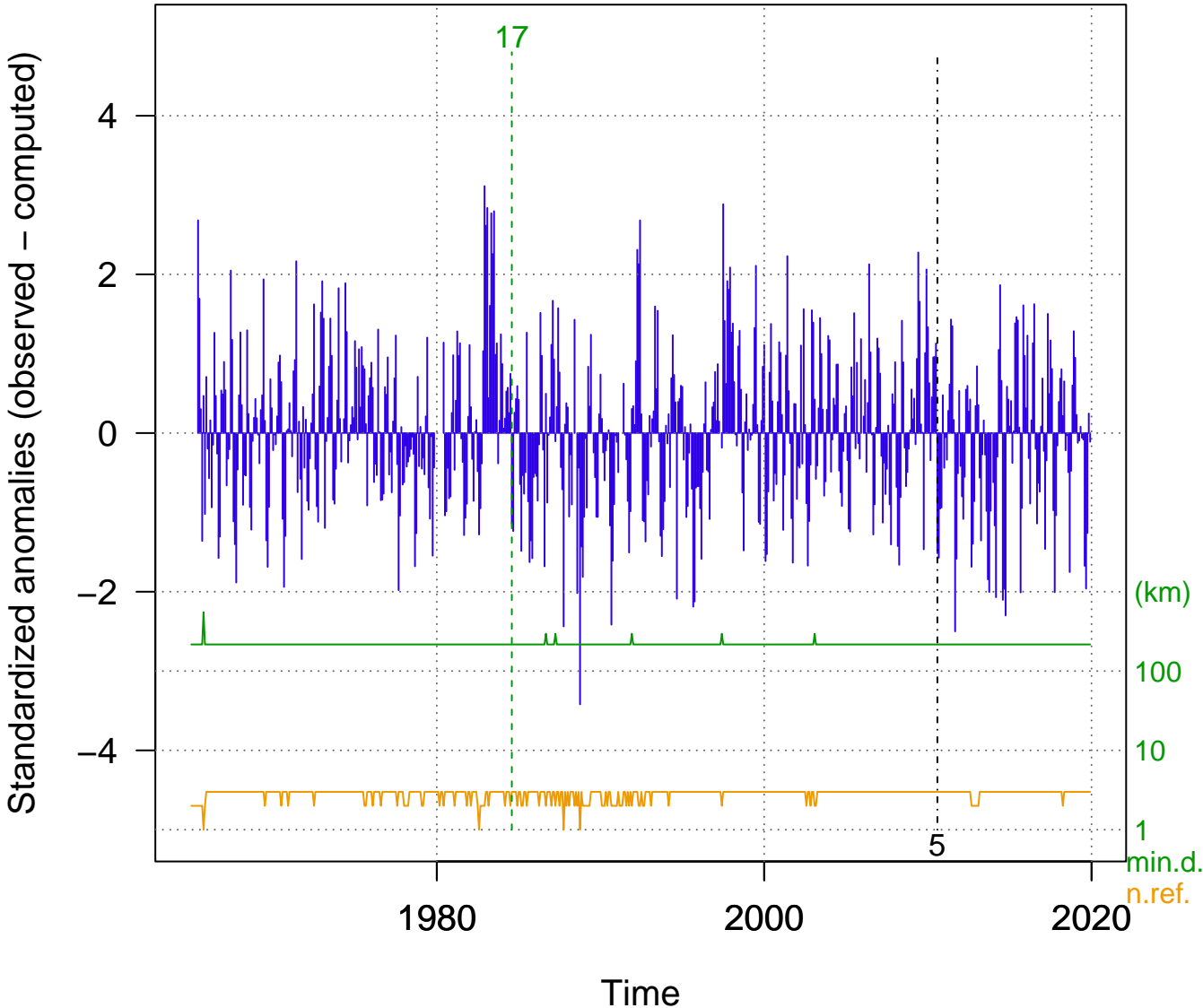
tmax−m   5 (ho00157102−2)
PAMPABLANCA−2
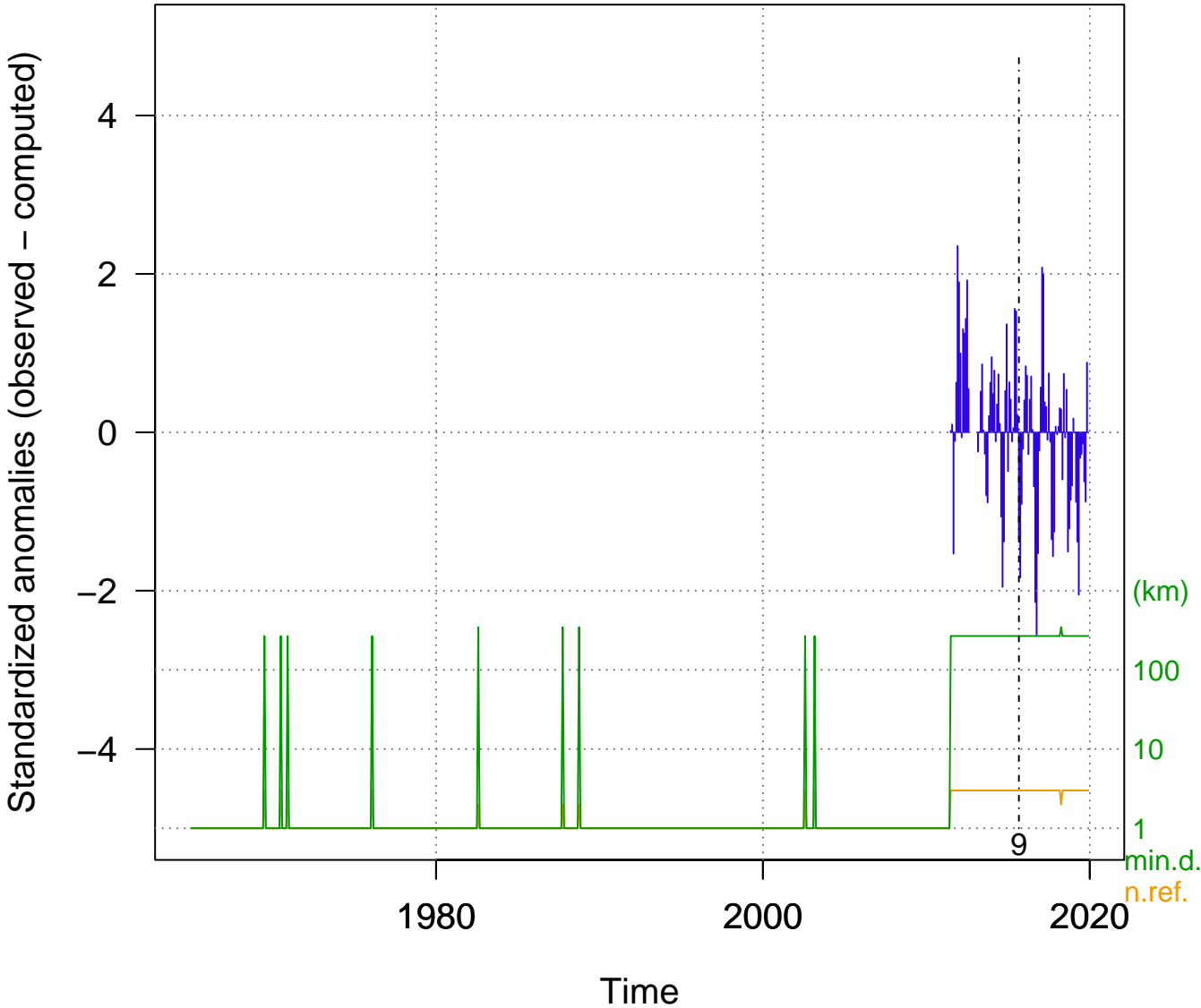
tmax-m   6 (ho00157102-3)
PAMPABLANCA-3

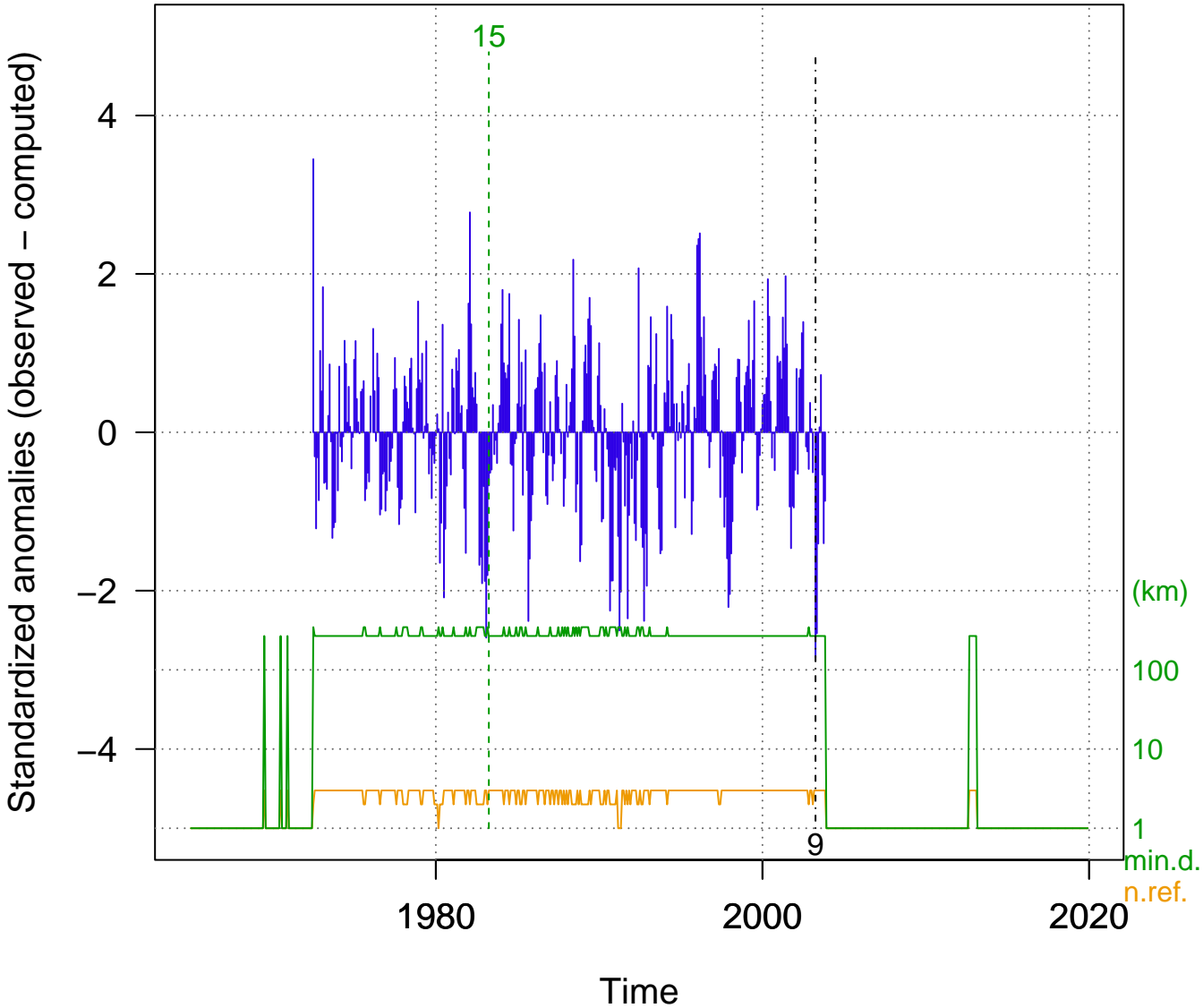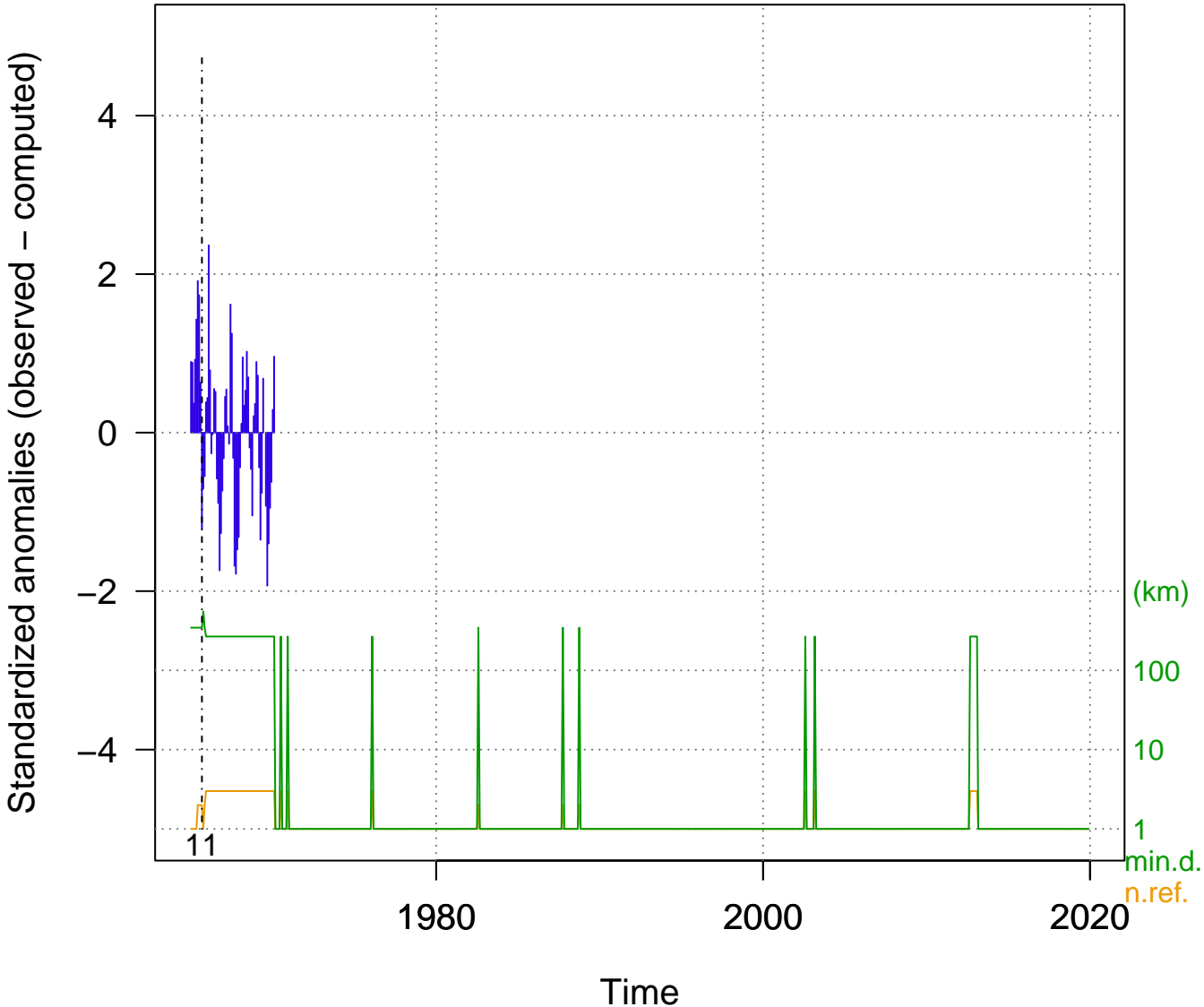**tmax-m 8 (ho00157102-4)**
PAMPABLANCA-4
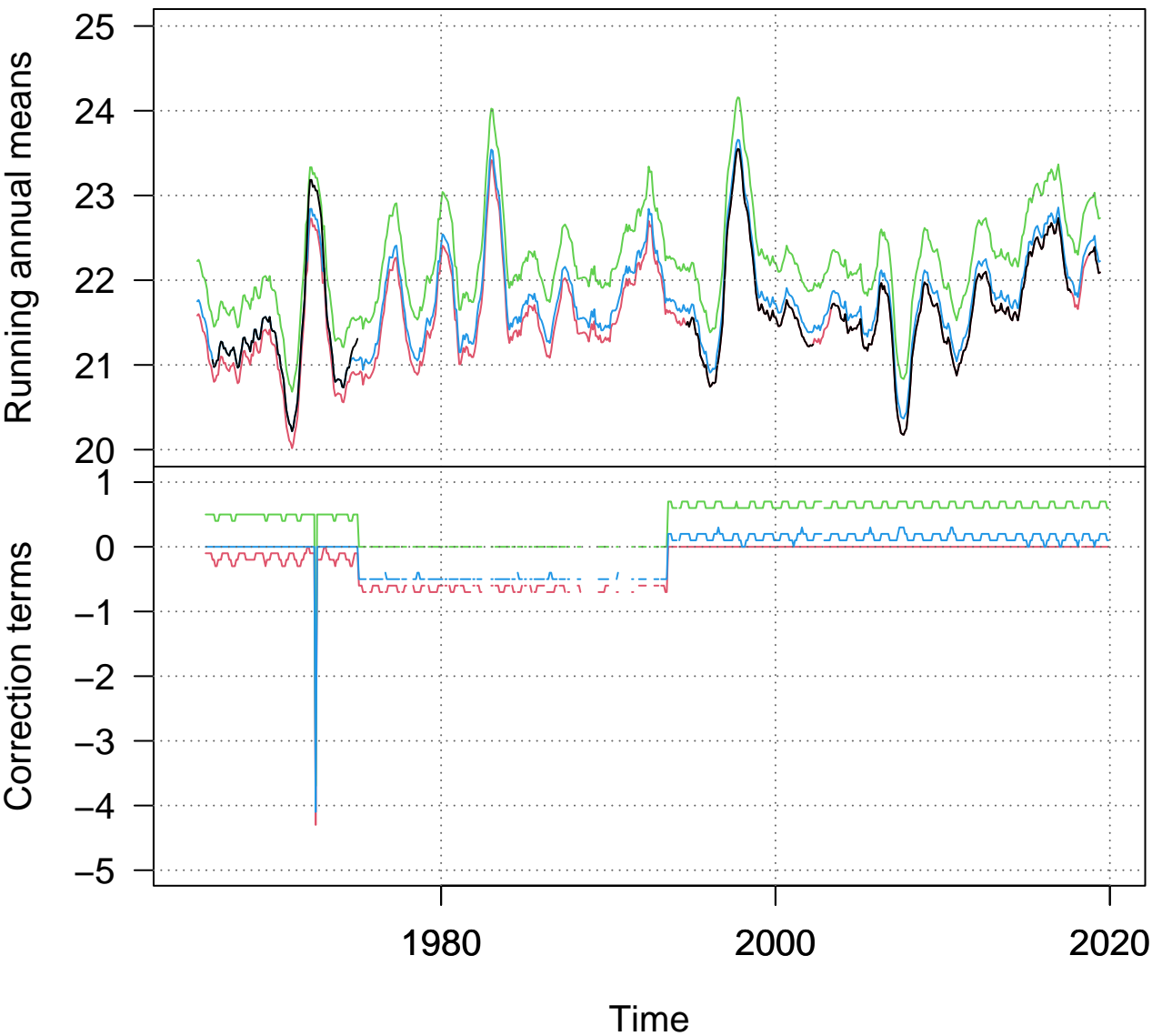
tmax−m   9 (ho00157102−5)
PAMPABLANCA−5

Final graphics

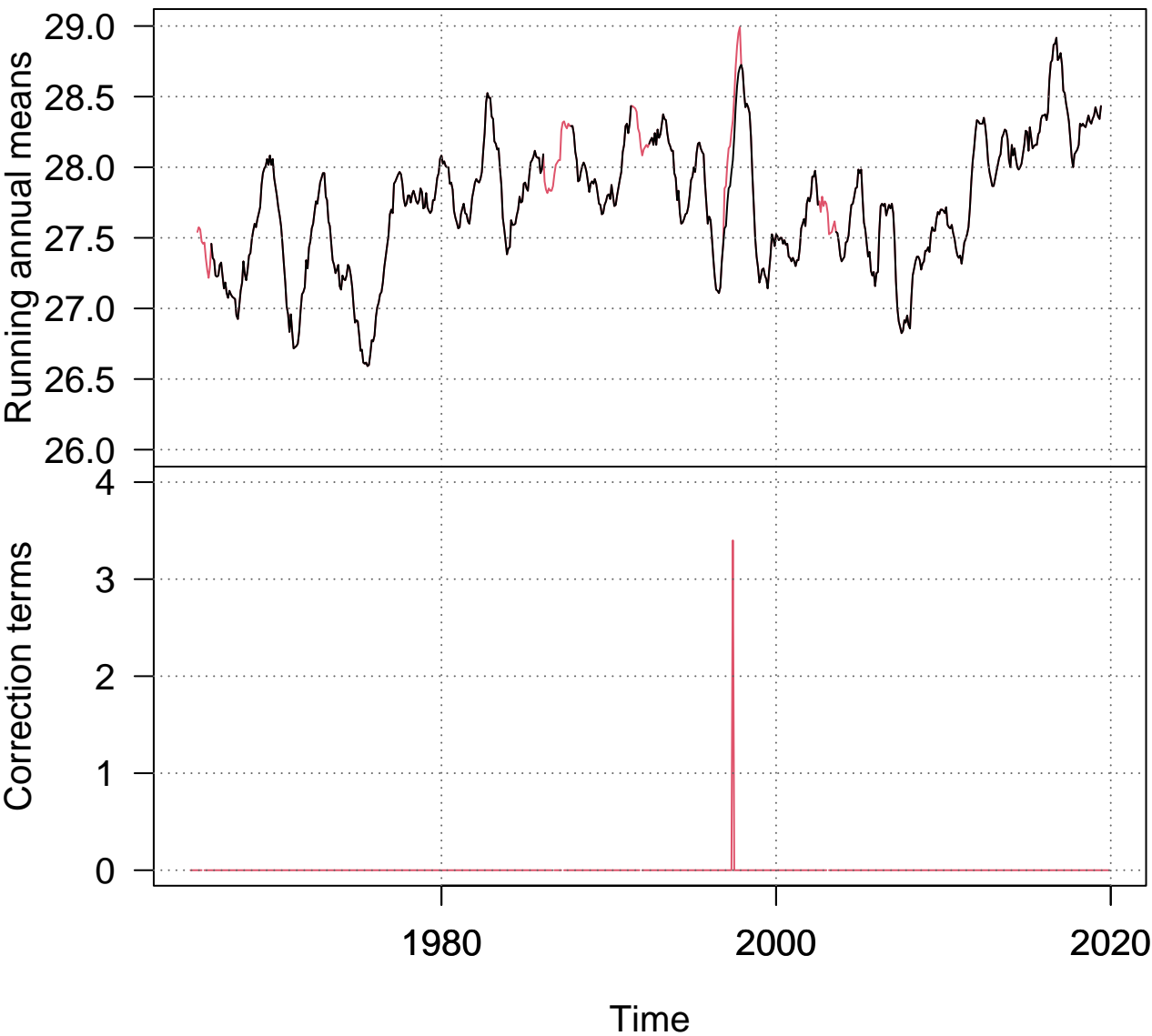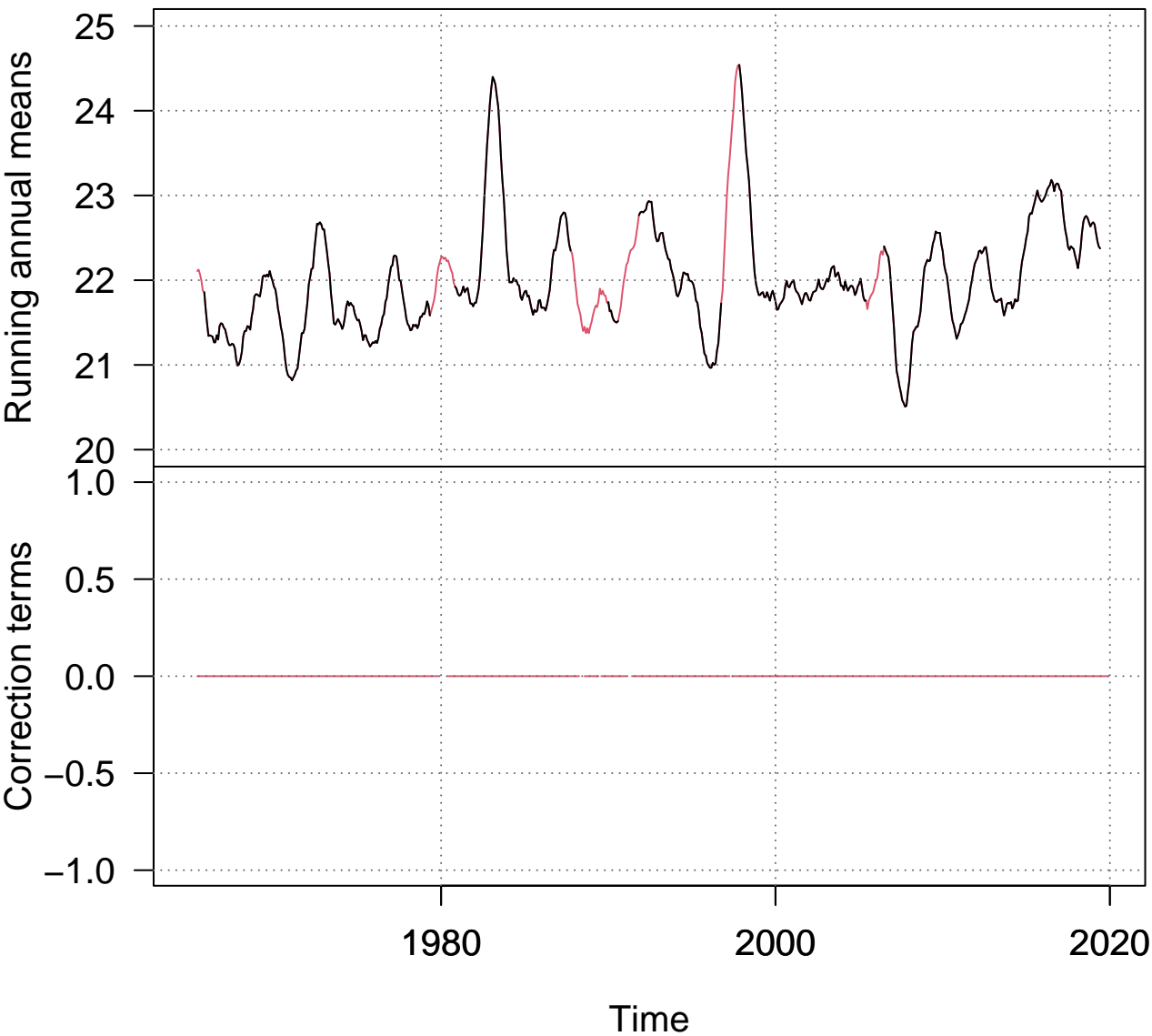Adjusted series and applied corrections

tmax−m   1 (ho00000830)
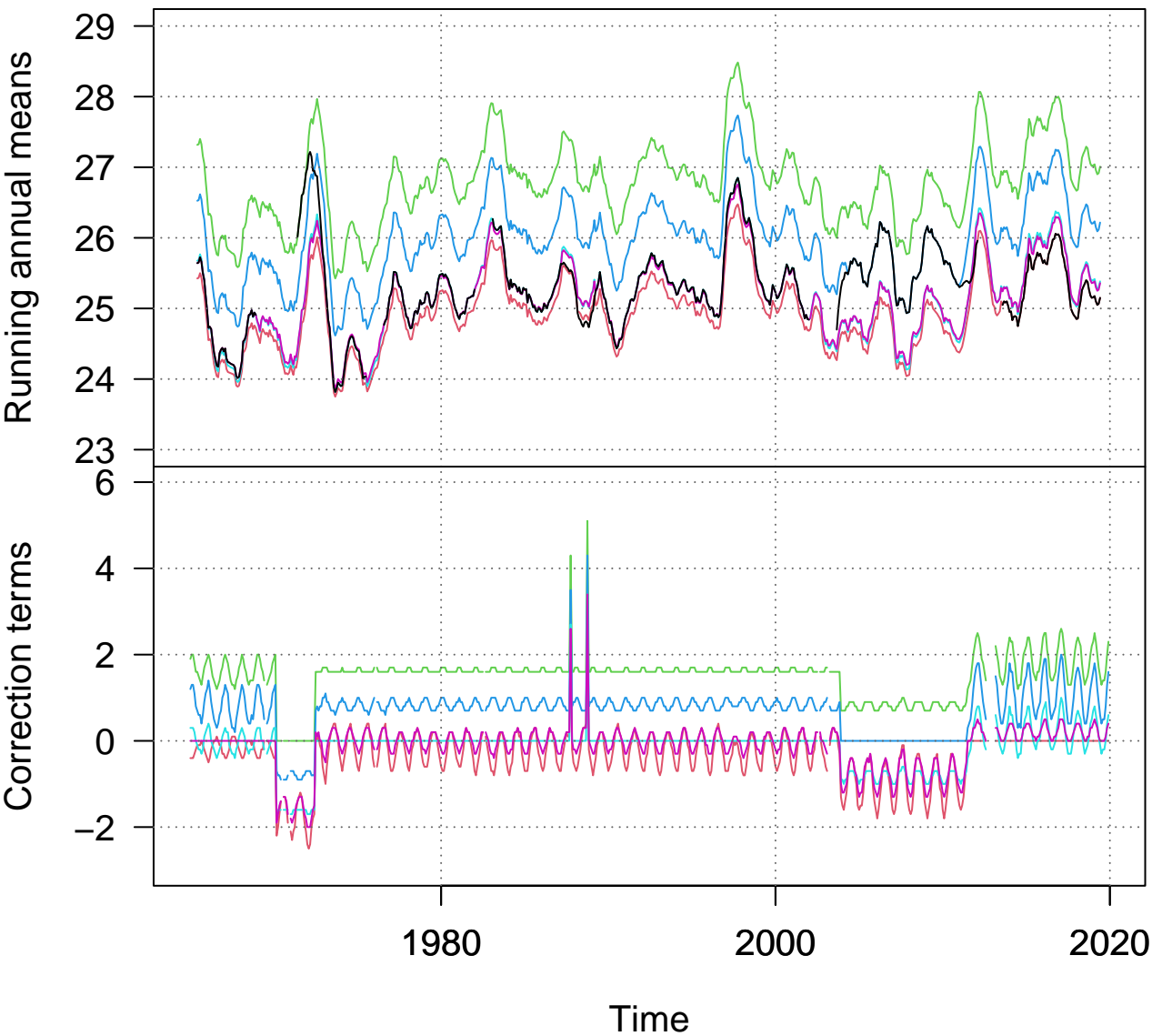**PUNTAATICO**

tmax−m 2 (ho00000833)
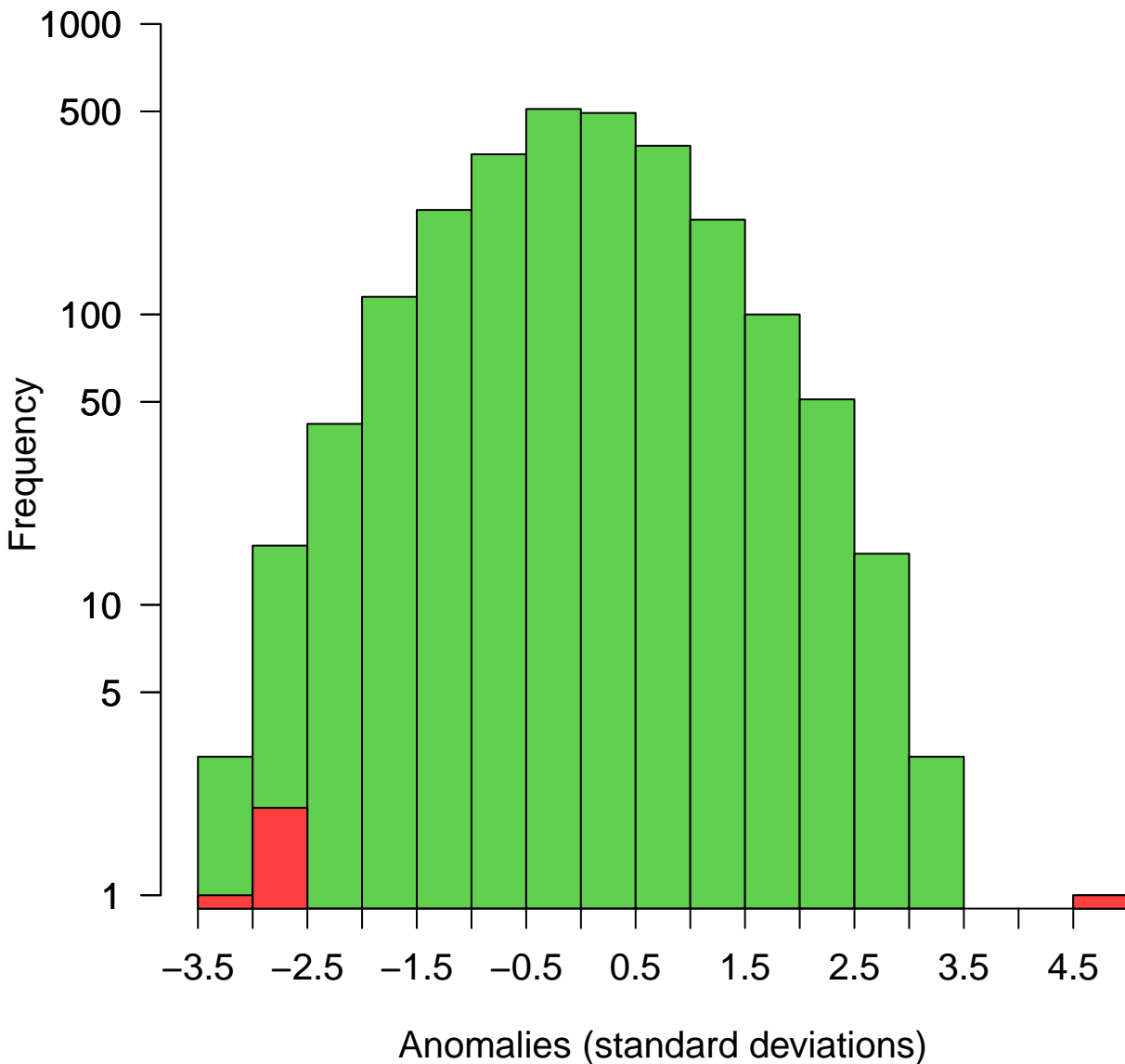**APLAO**

tmax−m   3 (ho00000846)
PUNTACOLES
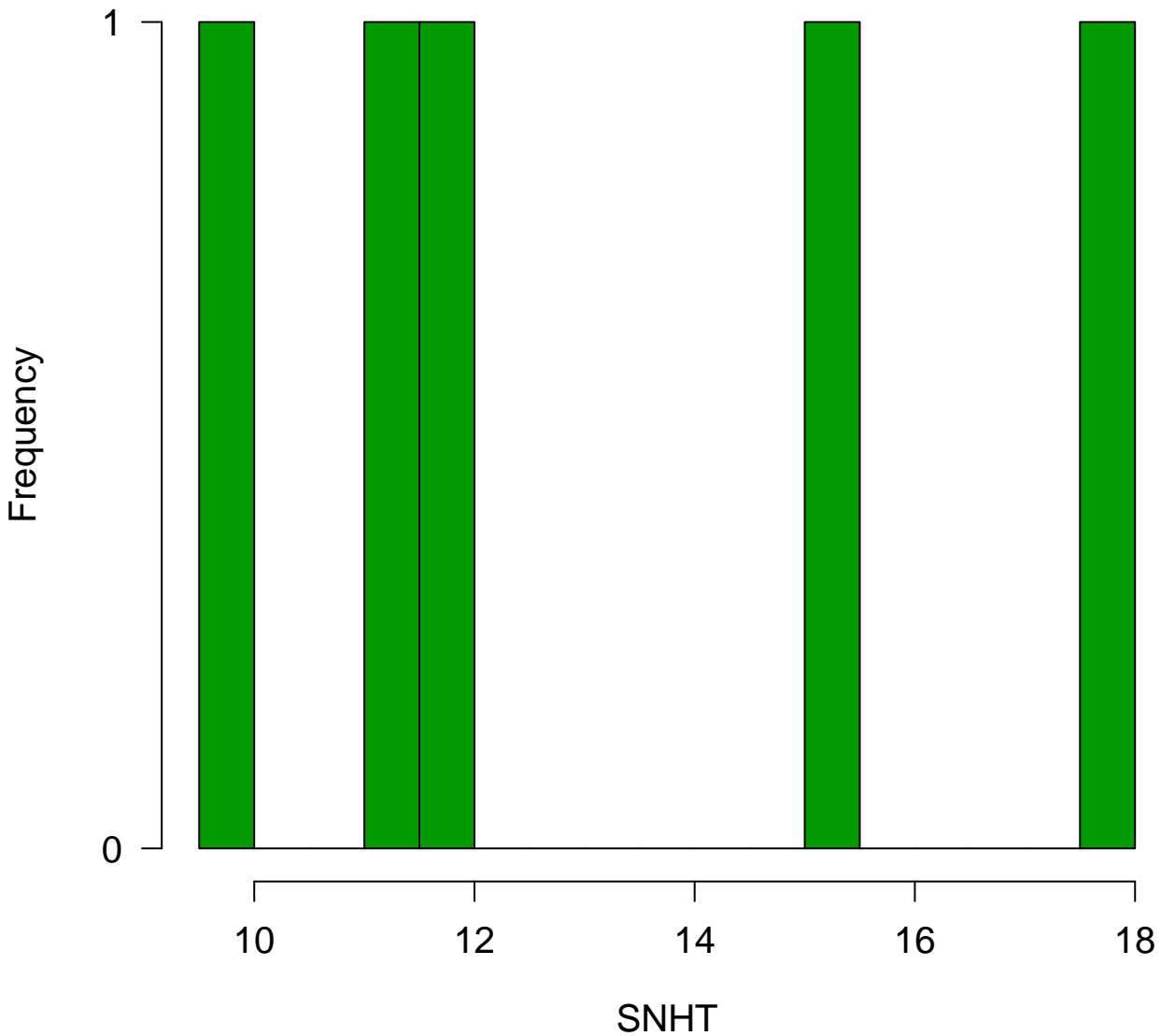
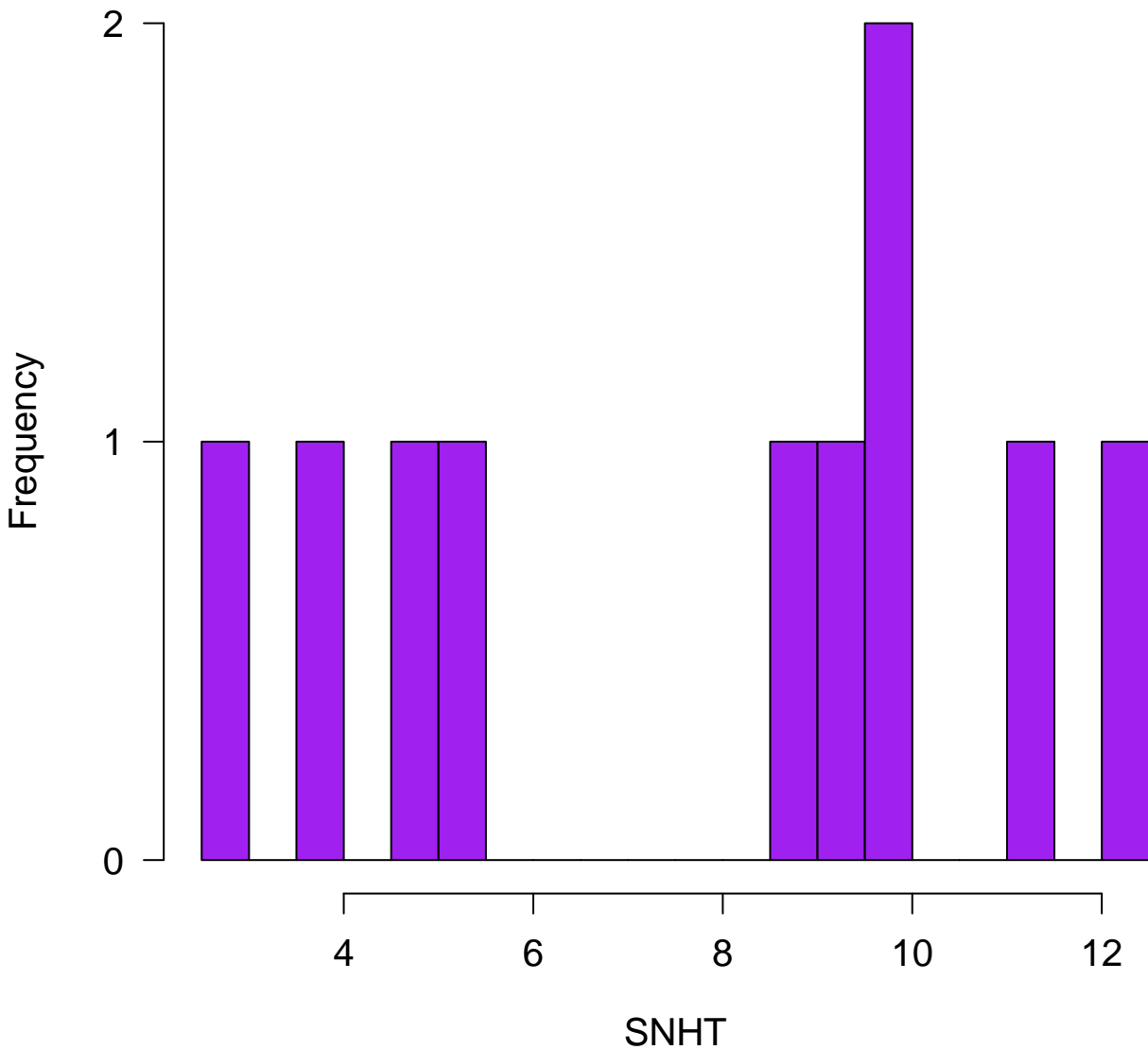tmax−m 4 (ho00157102)
PAMPABLANCA

Histogram of standardized anomalies

Histogram of maximum windowed SNHT

Histogram of maximum global SNHT

Station's quality/singularity