CLIMATOL 3.0
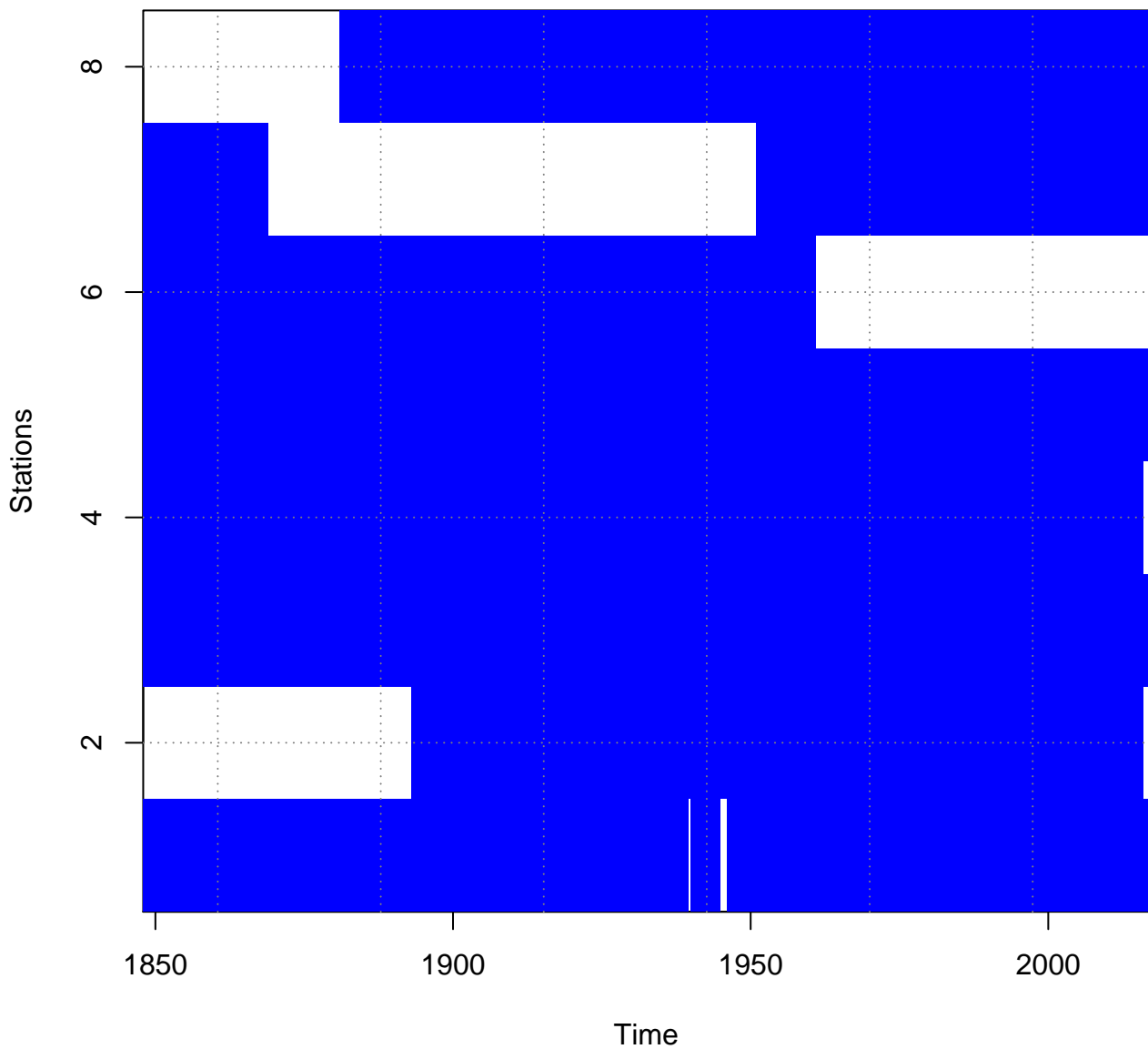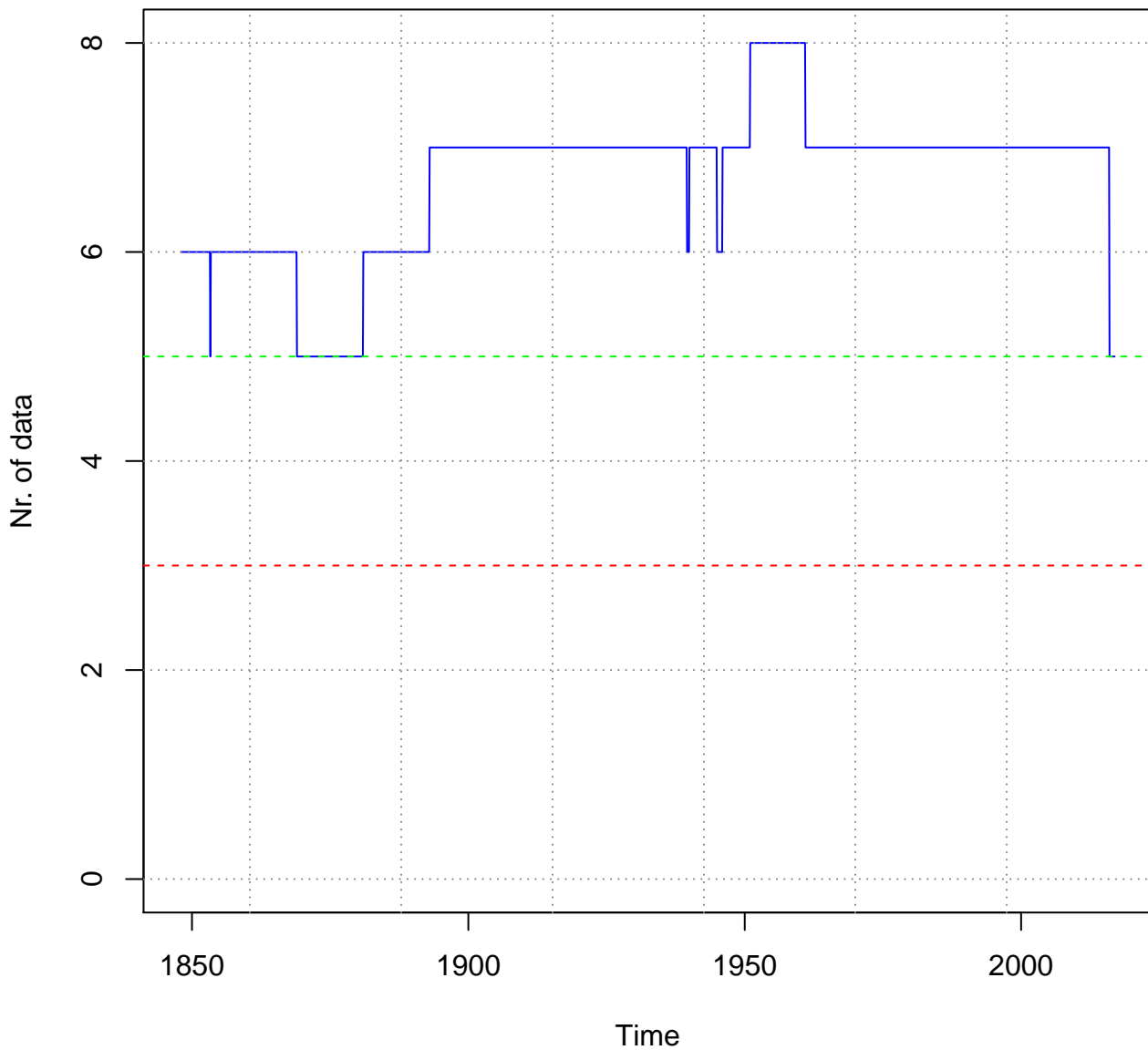
Homogenization
graphic output of
Ttest2
1848−2016
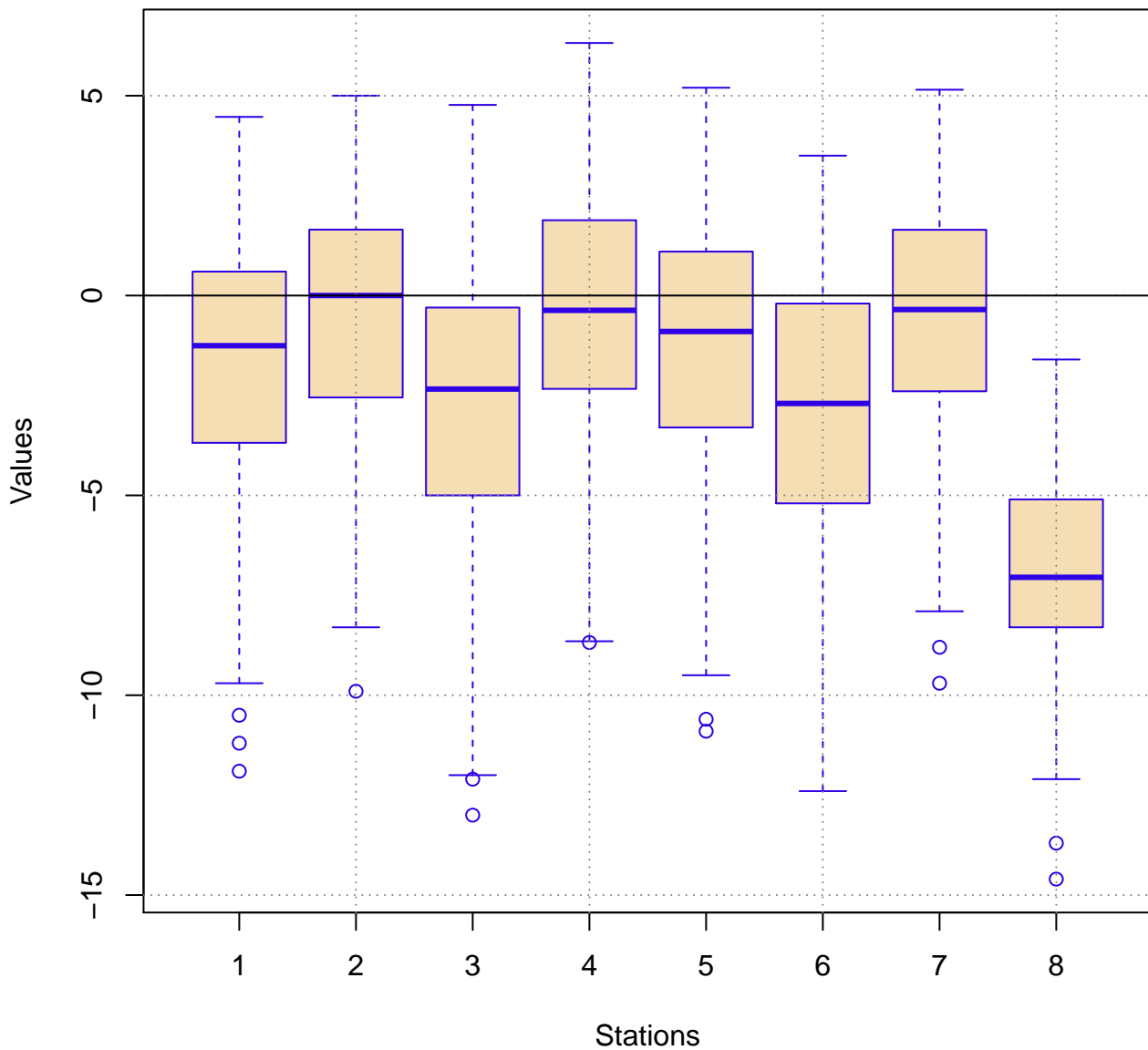
Ttest2 data availability
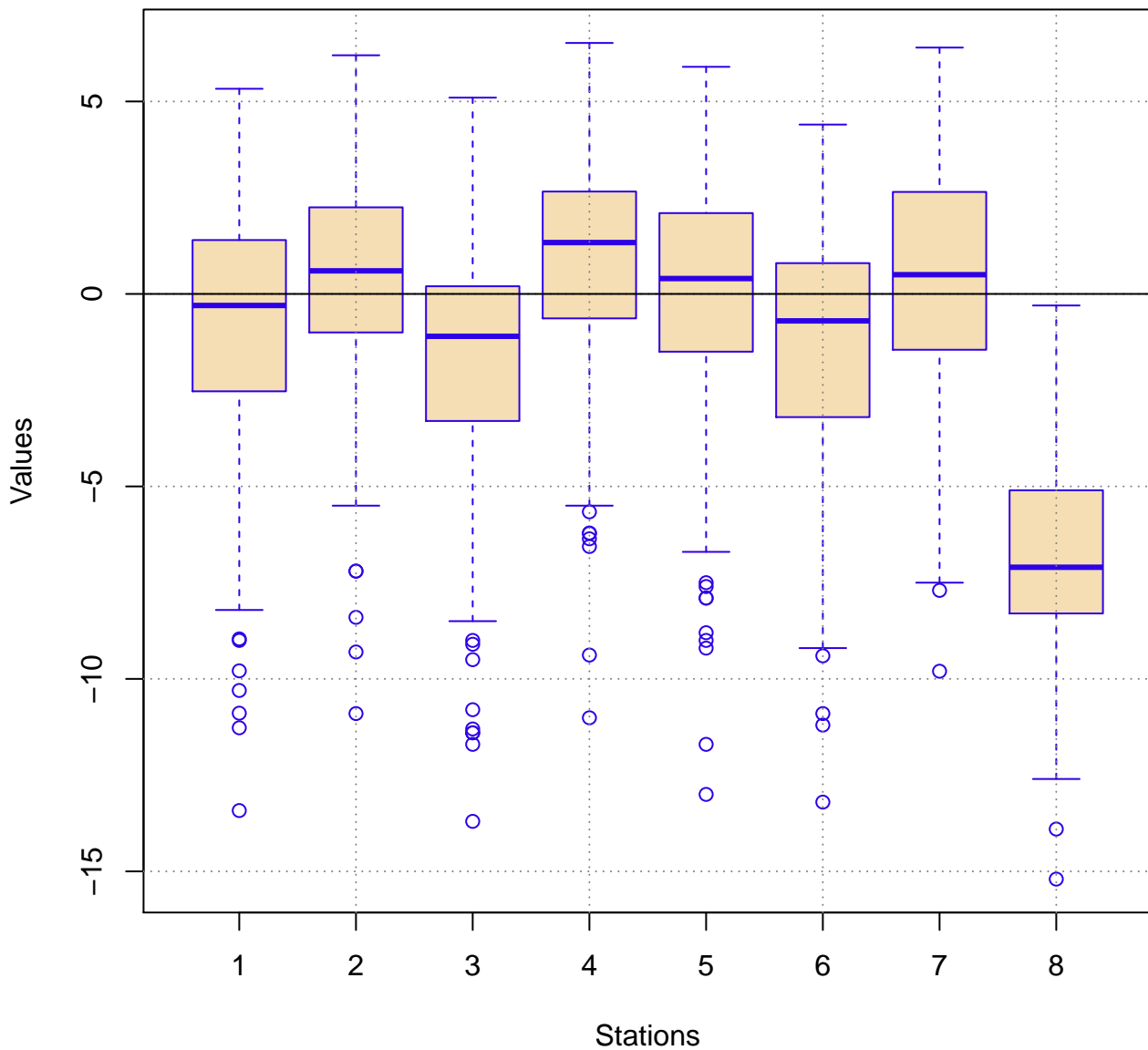
Nr. of Ttest2 data in all stations

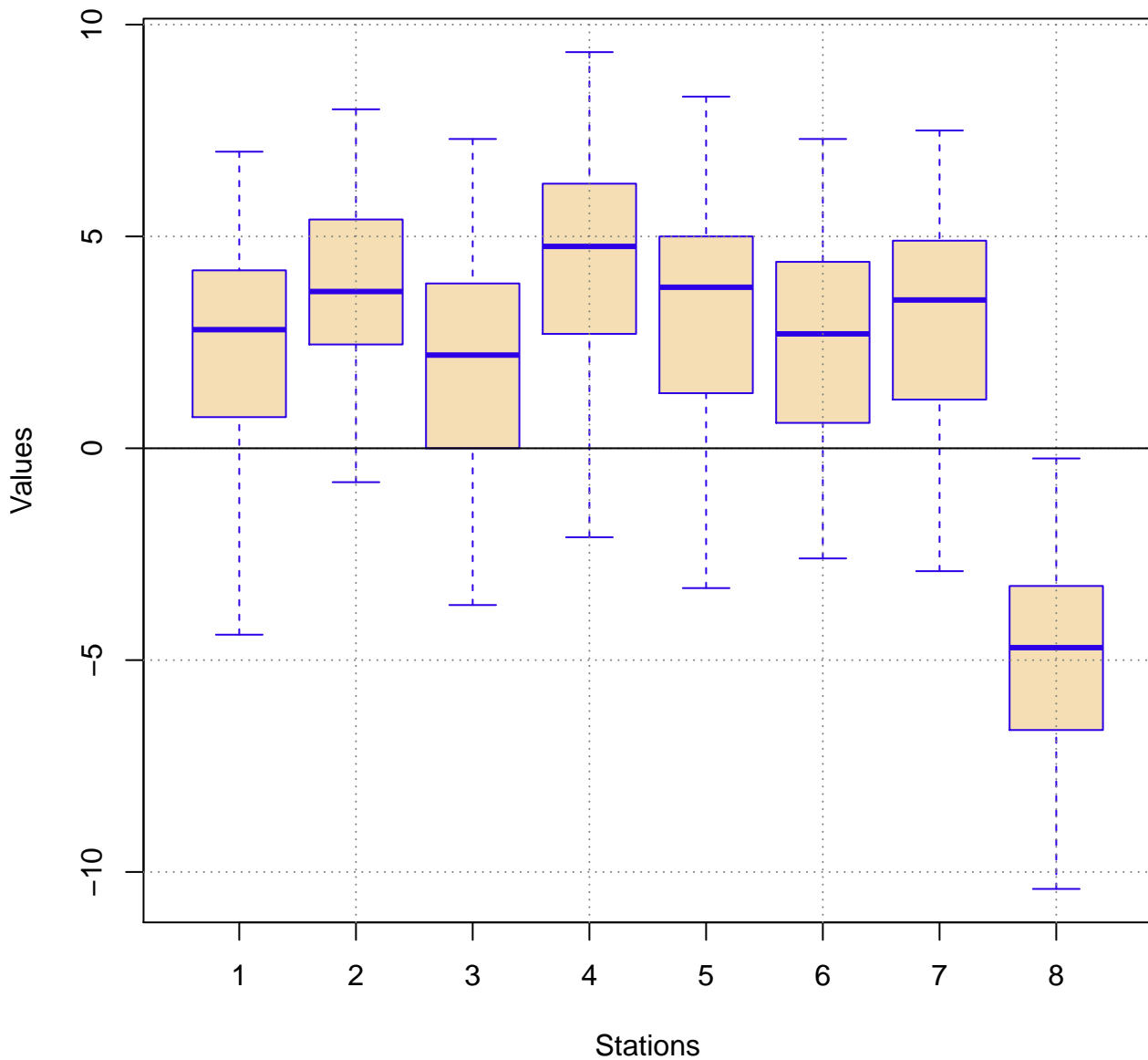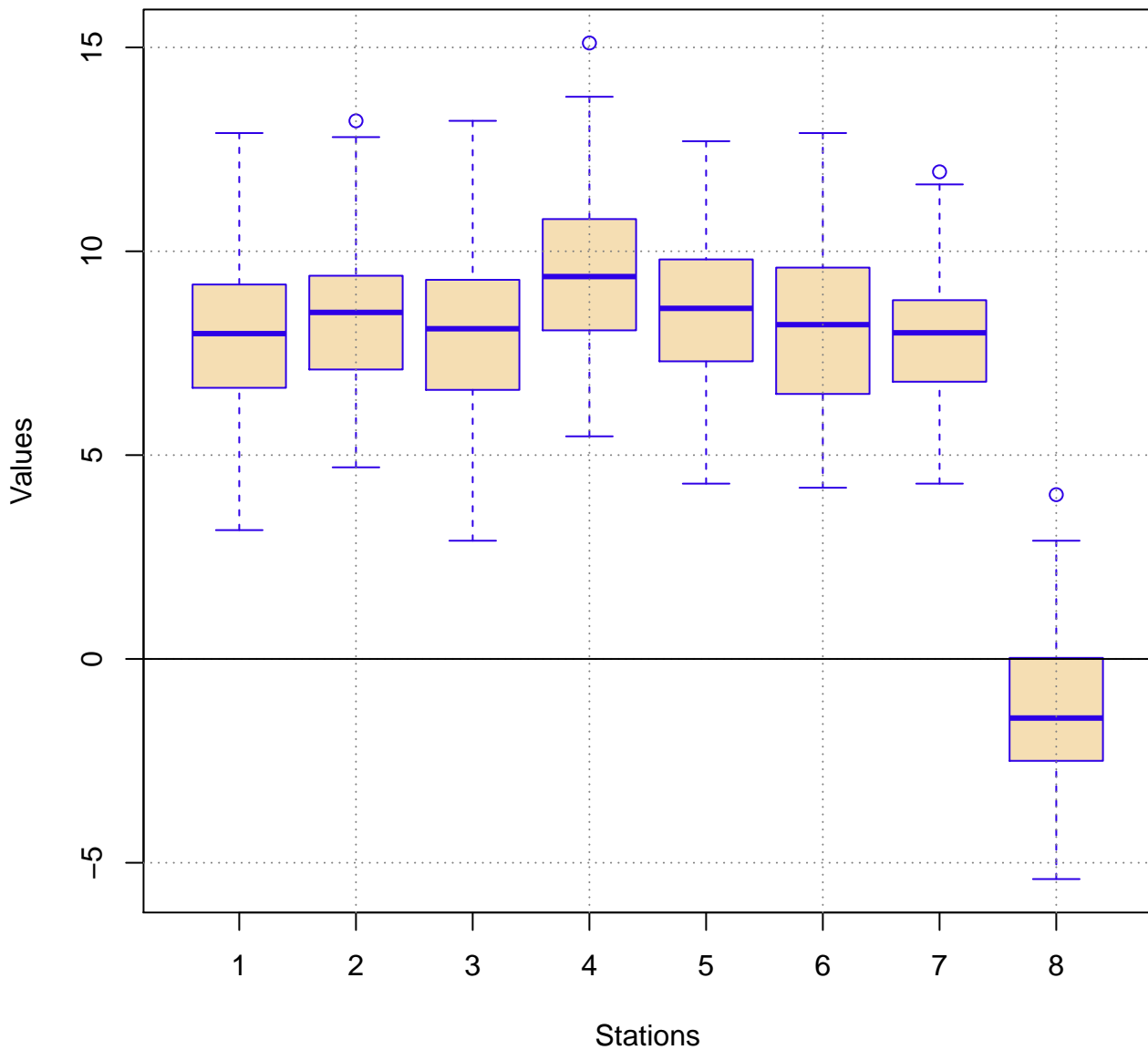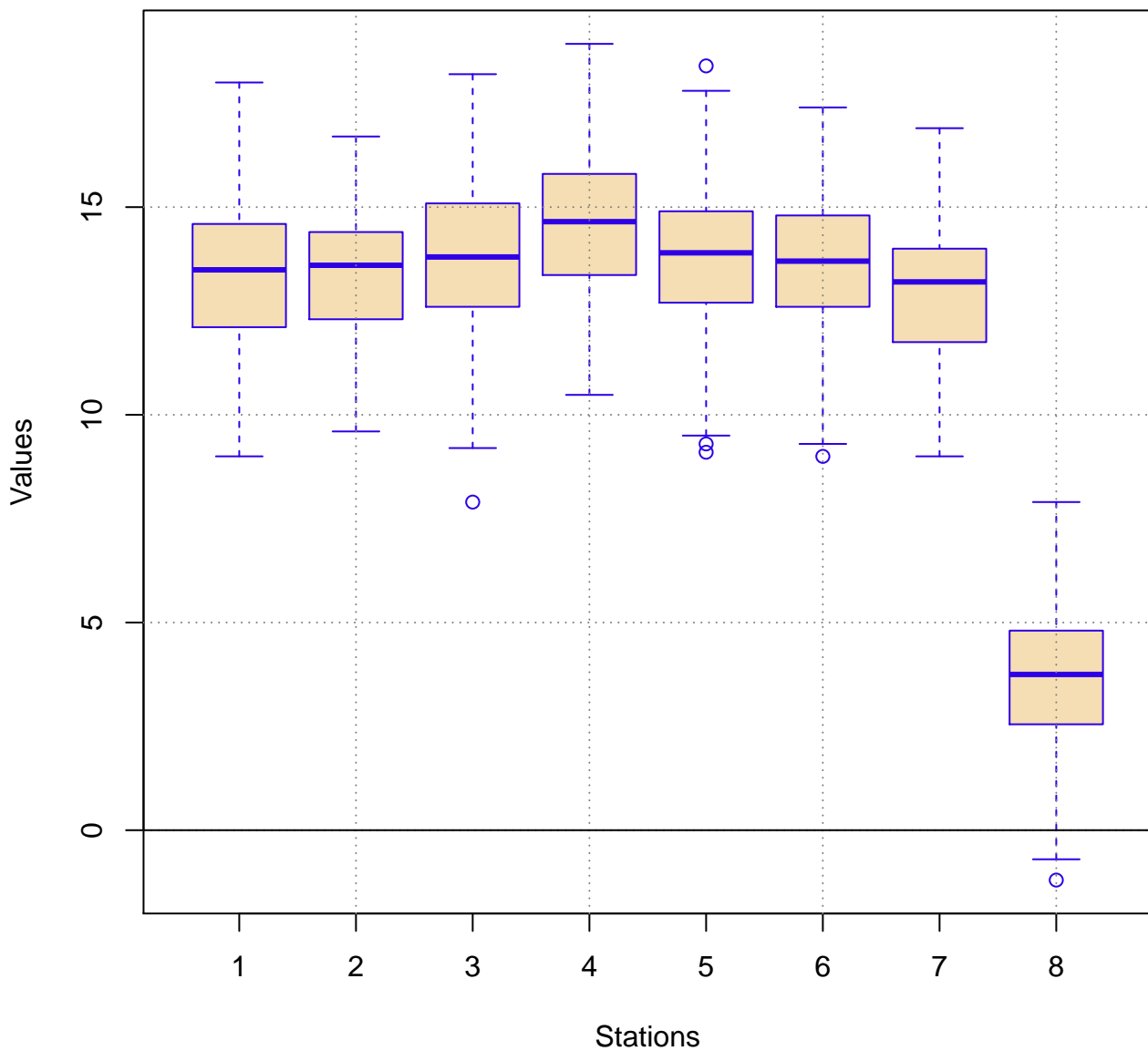**Data values of Ttest2 (Jan)**

Data values of Ttest2 (Feb)

Values

Stations

Data values of Ttest2 (Mar)

Values

Stations

Data values of Ttest2 (Apr)

Data values of Ttest2 (May)

Values

Stations

Data values of Ttest2 (Jun)
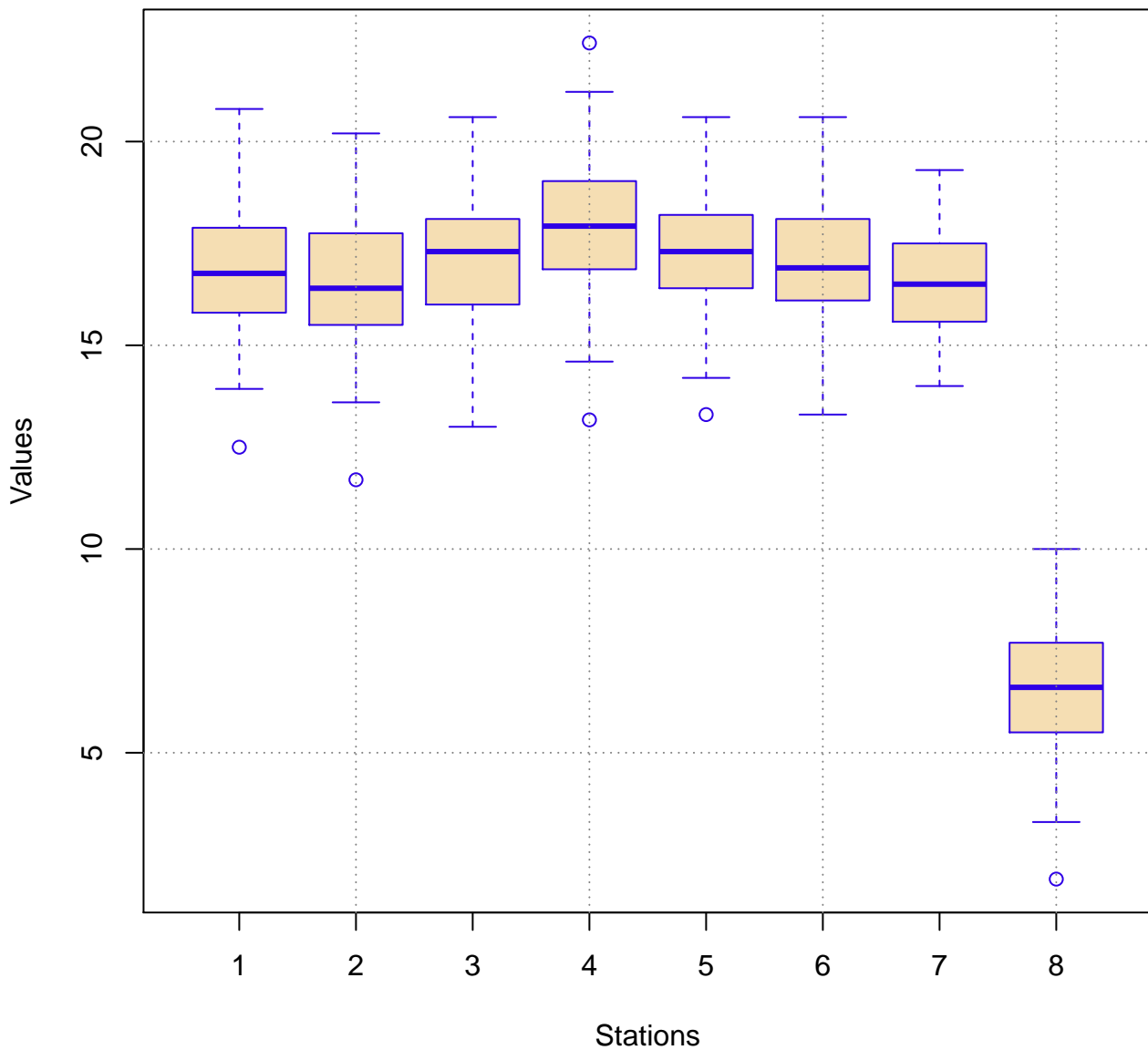
Data values of Ttest2 (Jul)
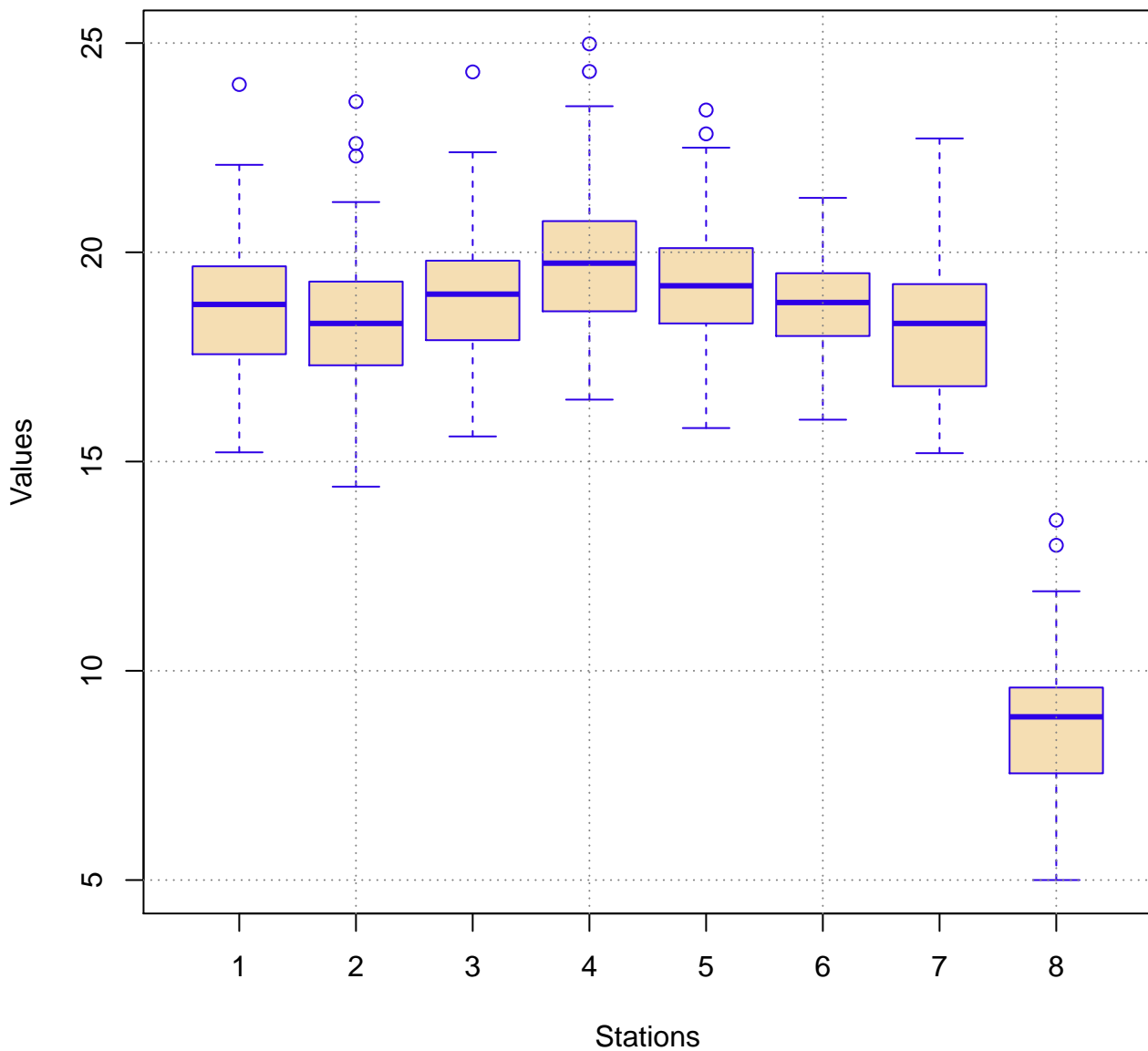
Values

Stations

Data values of Ttest2 (Aug)
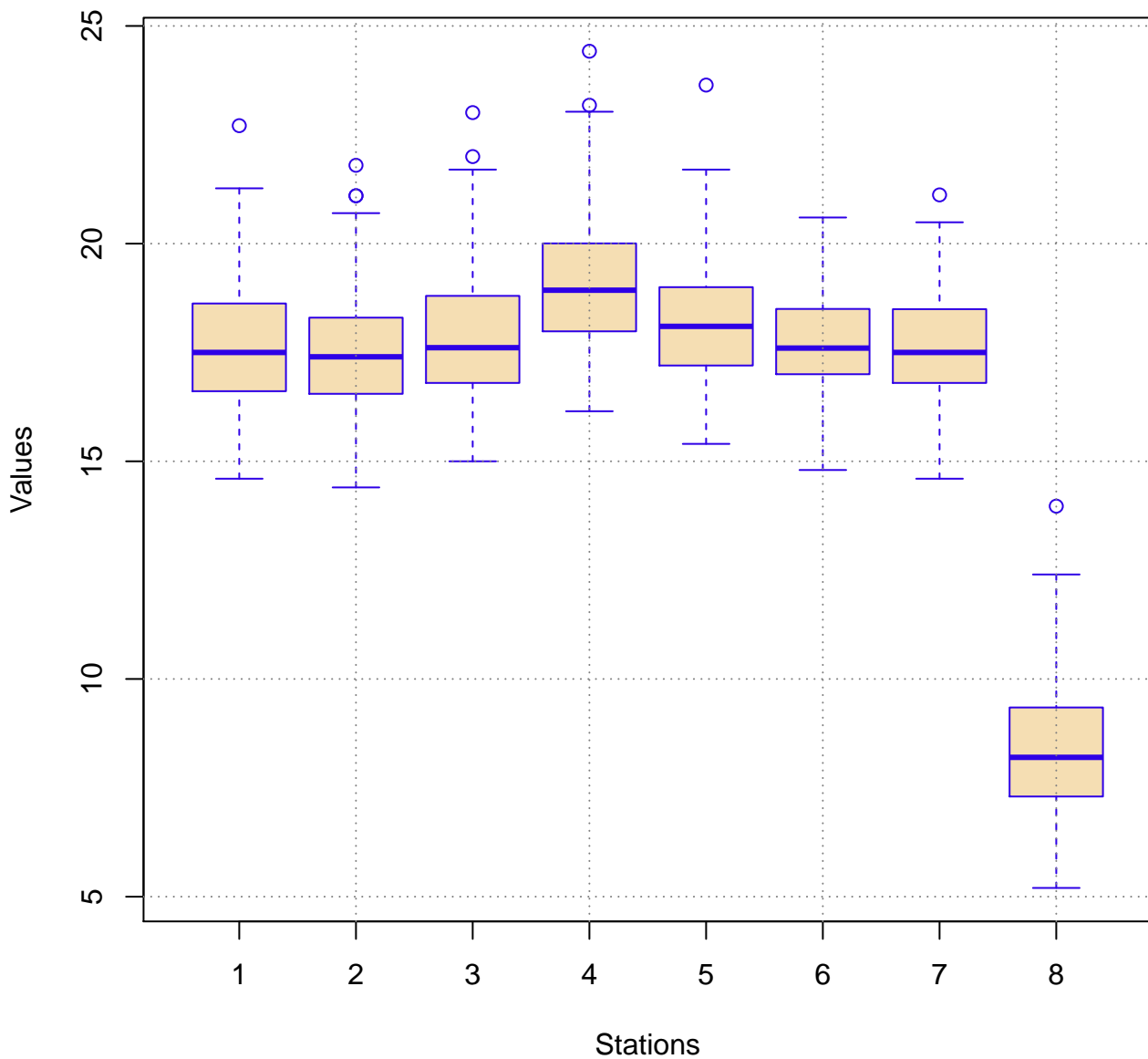
Data values of Ttest2 (Sep)
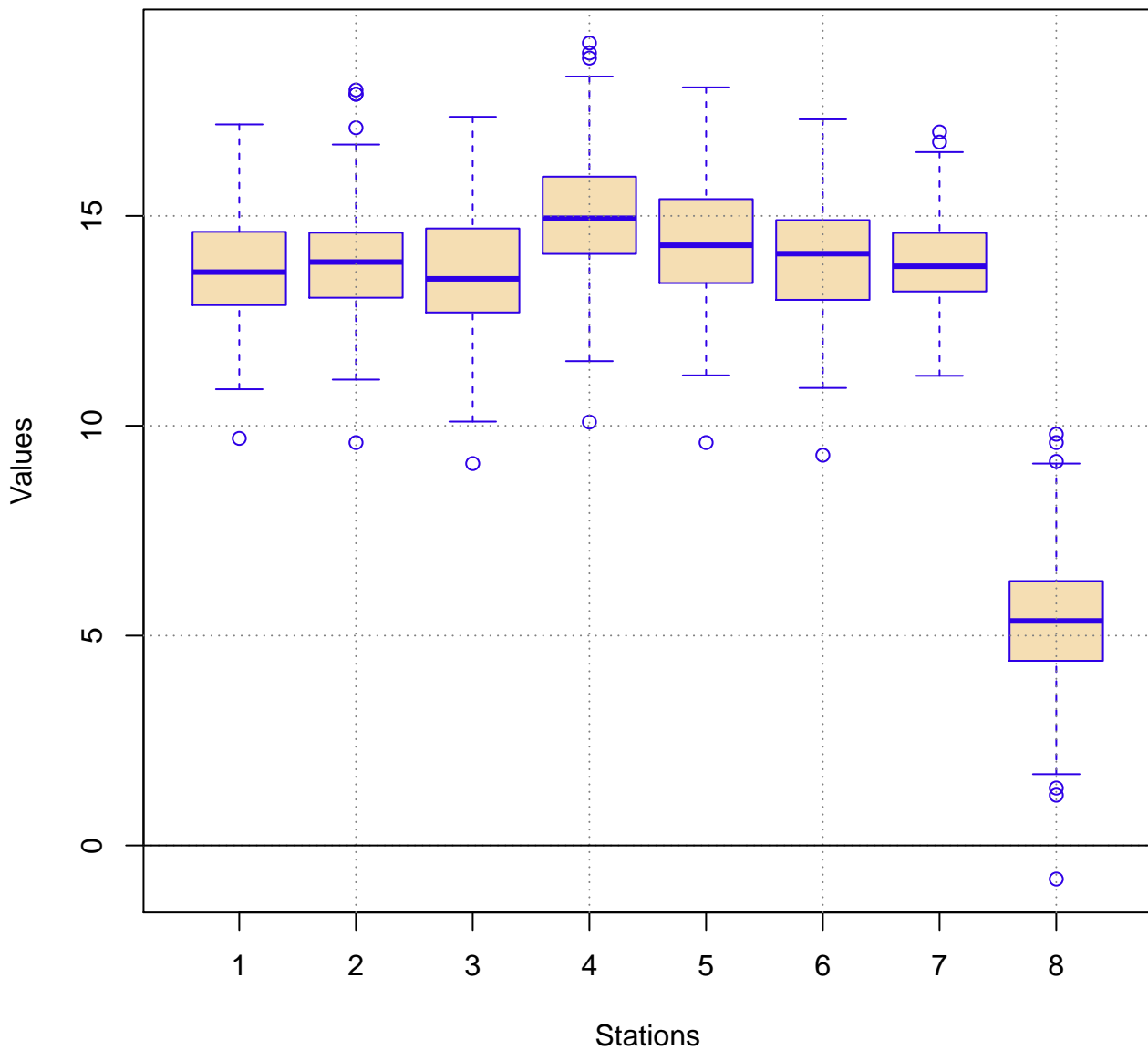
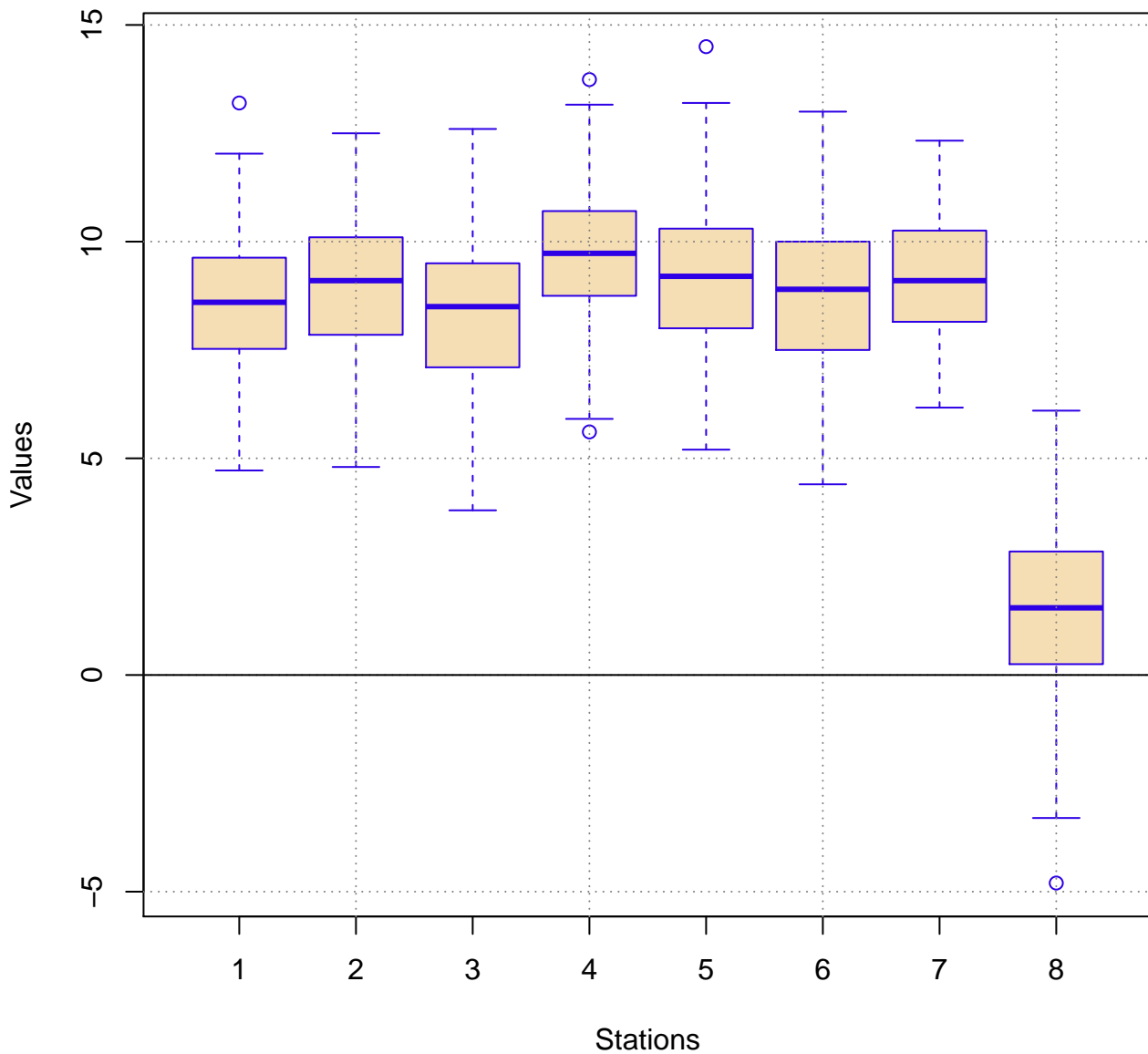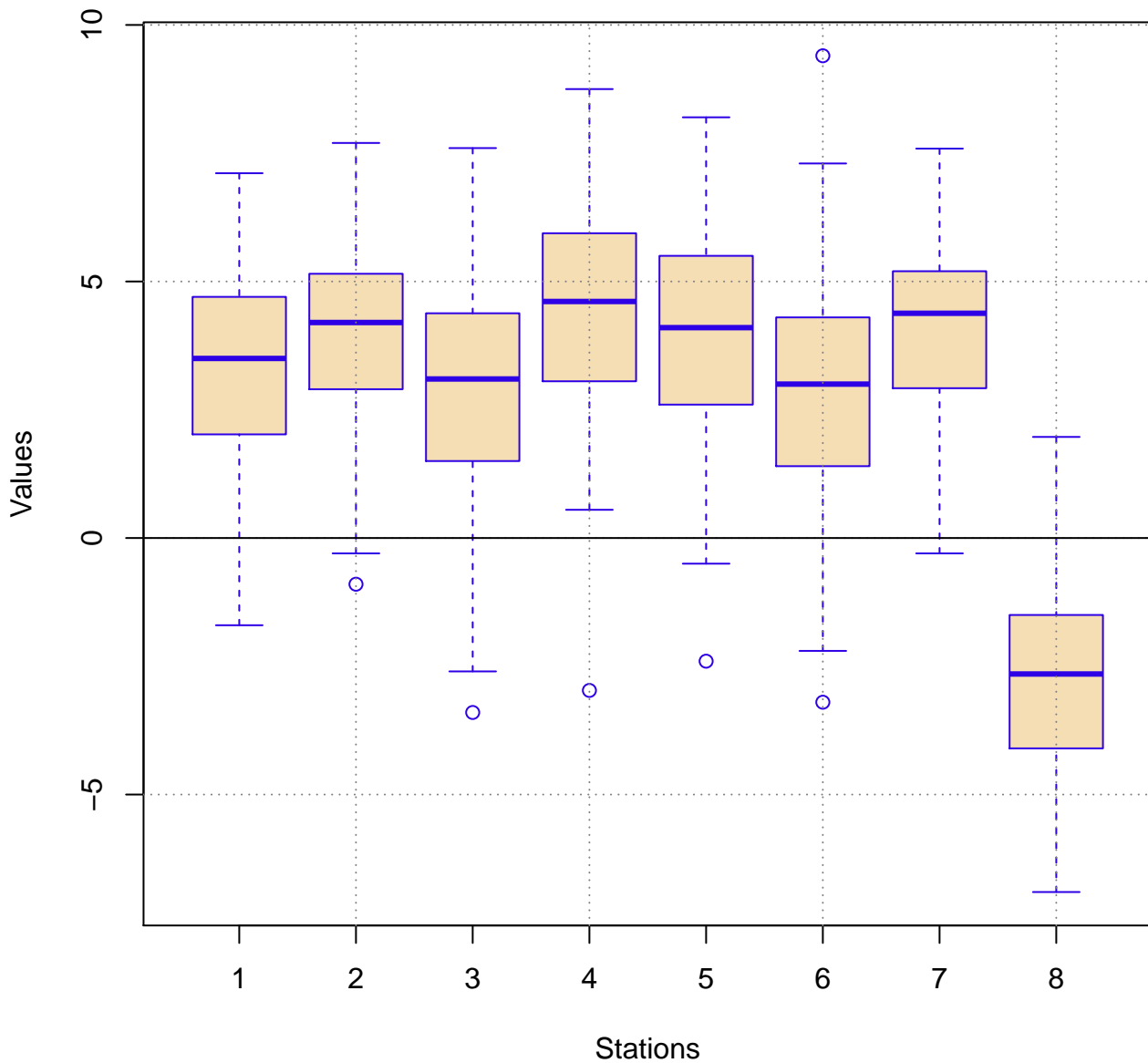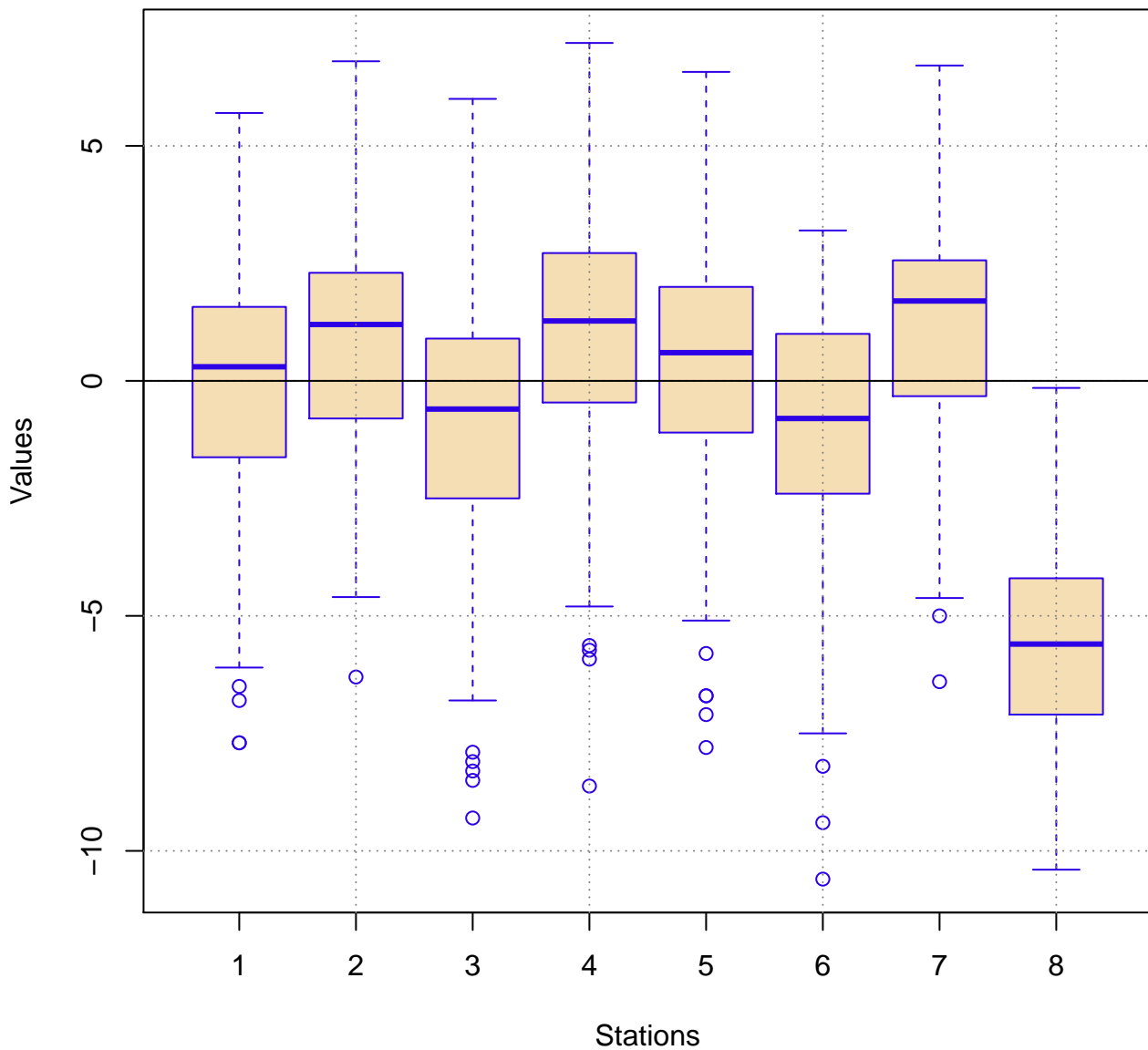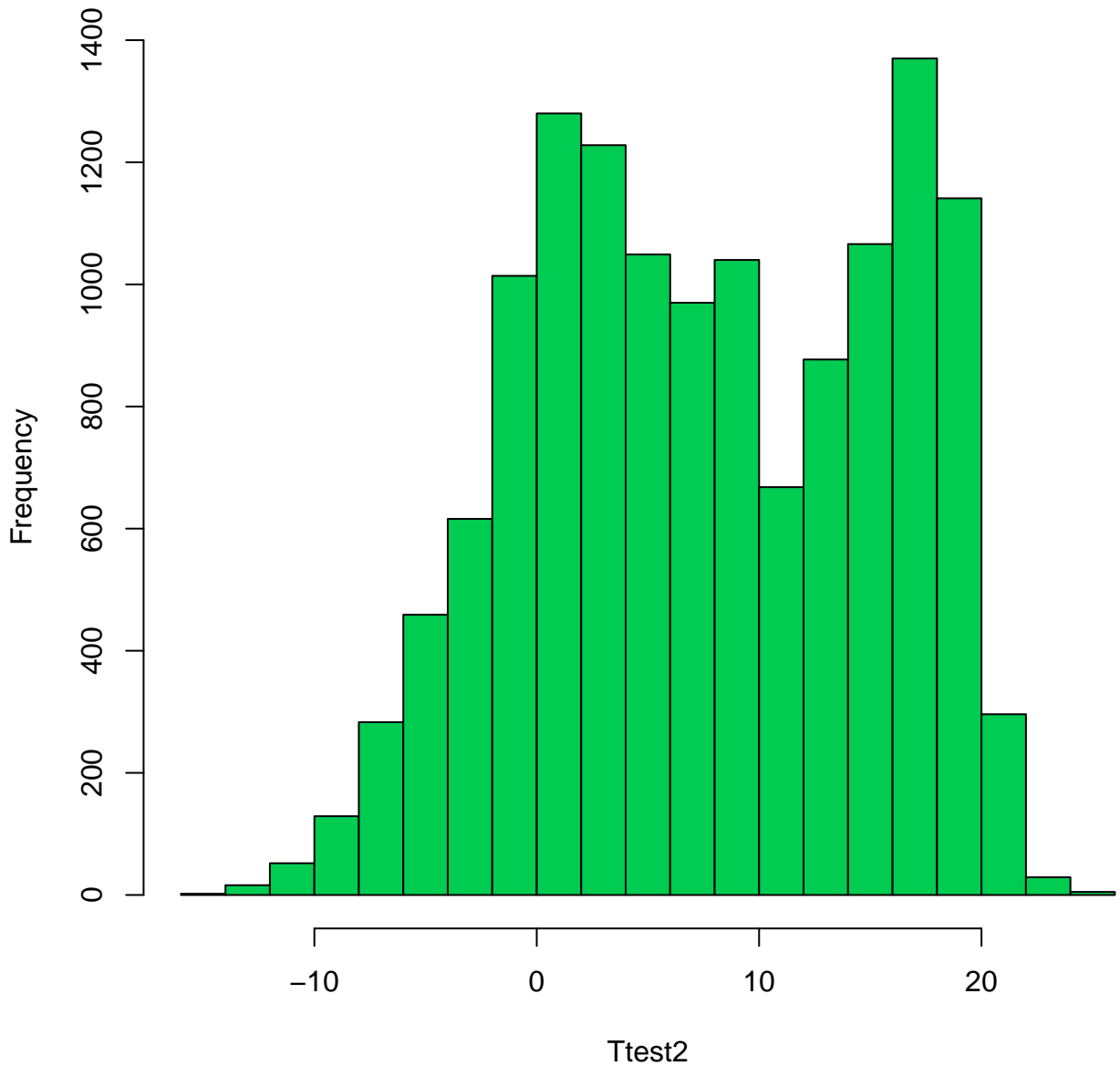**Data values of Ttest2 (Oct)**
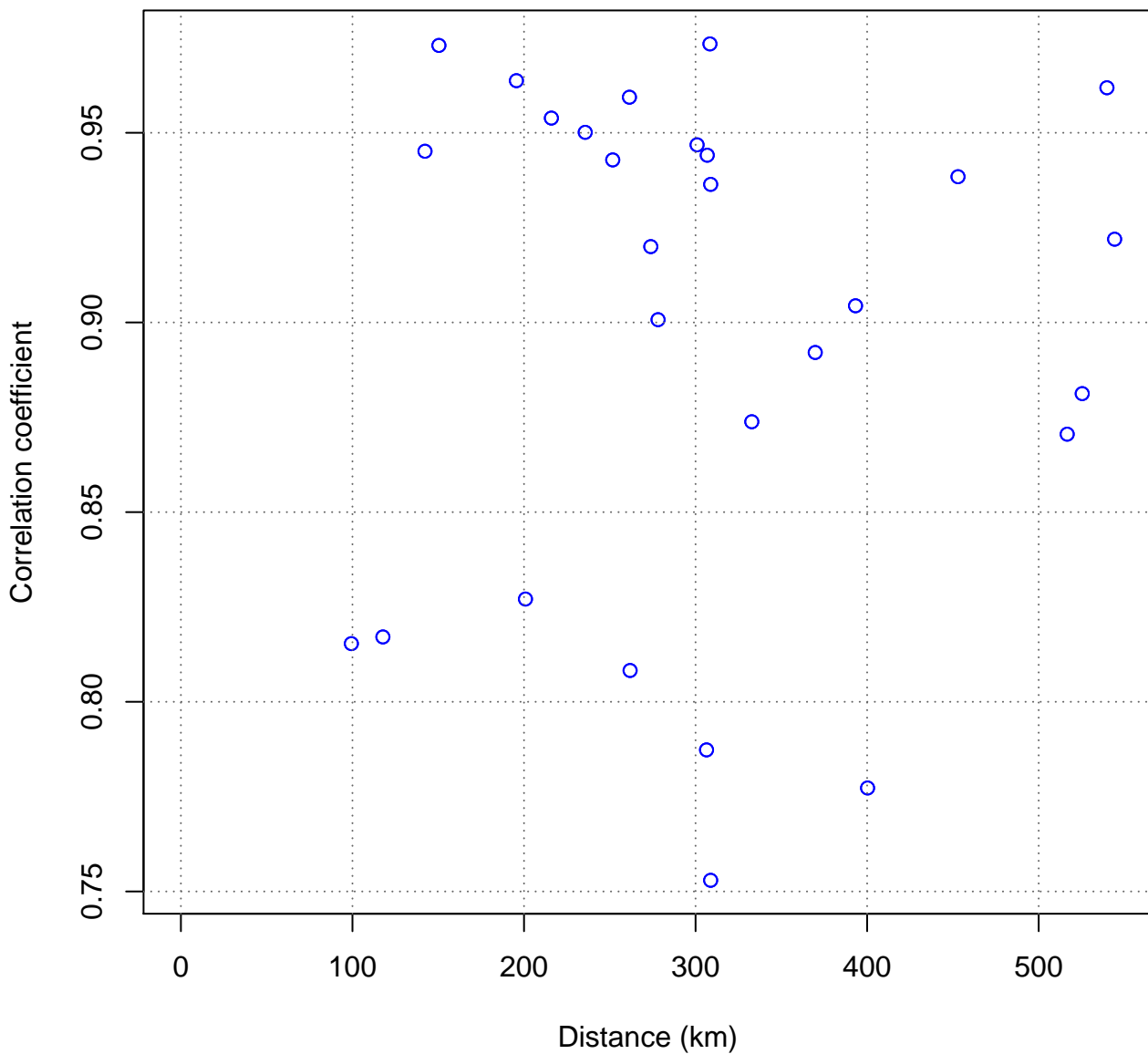
Data values of Ttest2 (Nov)
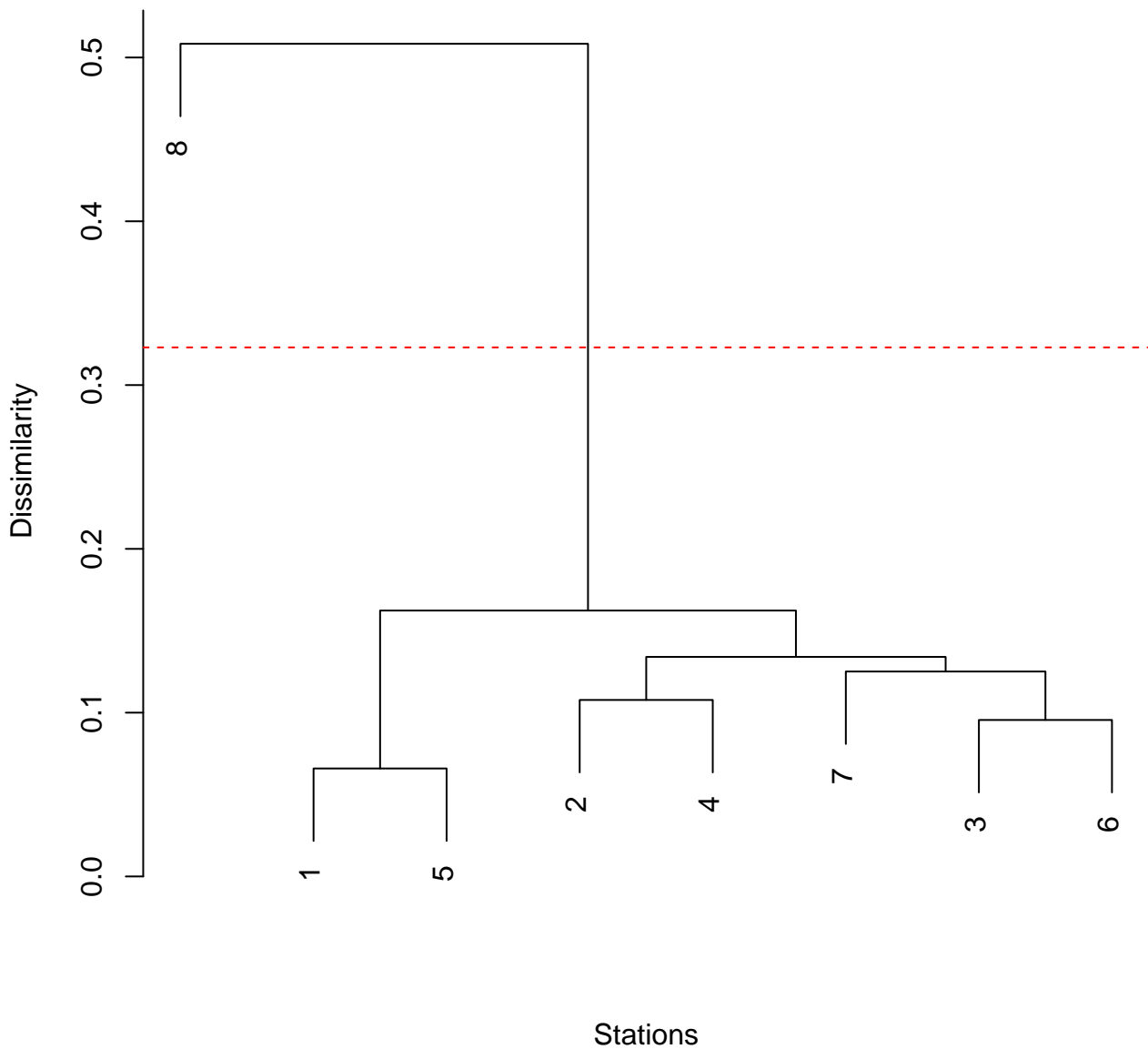
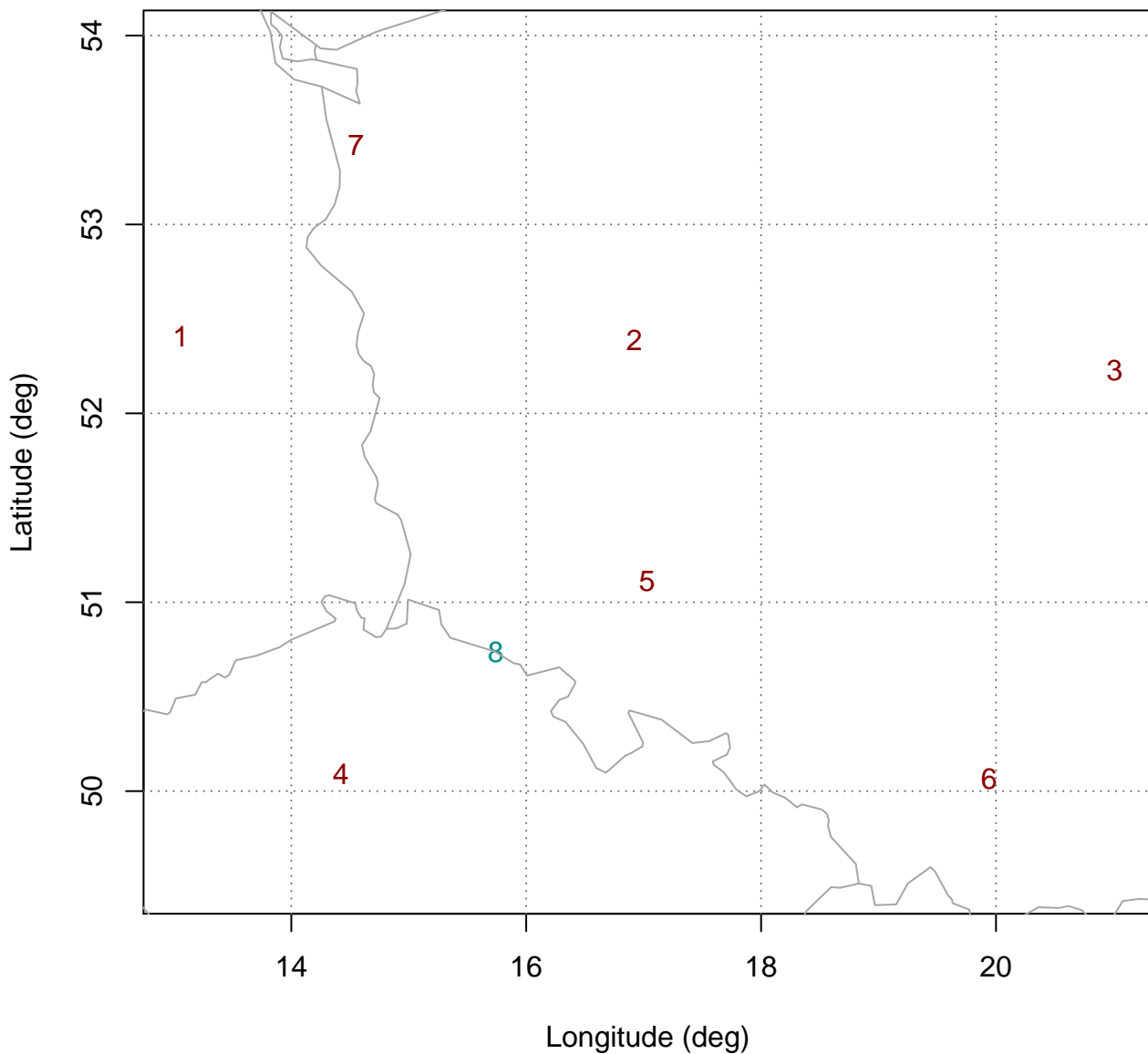**Data values of Ttest2 (Dec)**

Histogram of all data

Frequency

Ttest2

Correlogram of first difference series

Dendrogram of station clusters

Dissimilarity

Stations

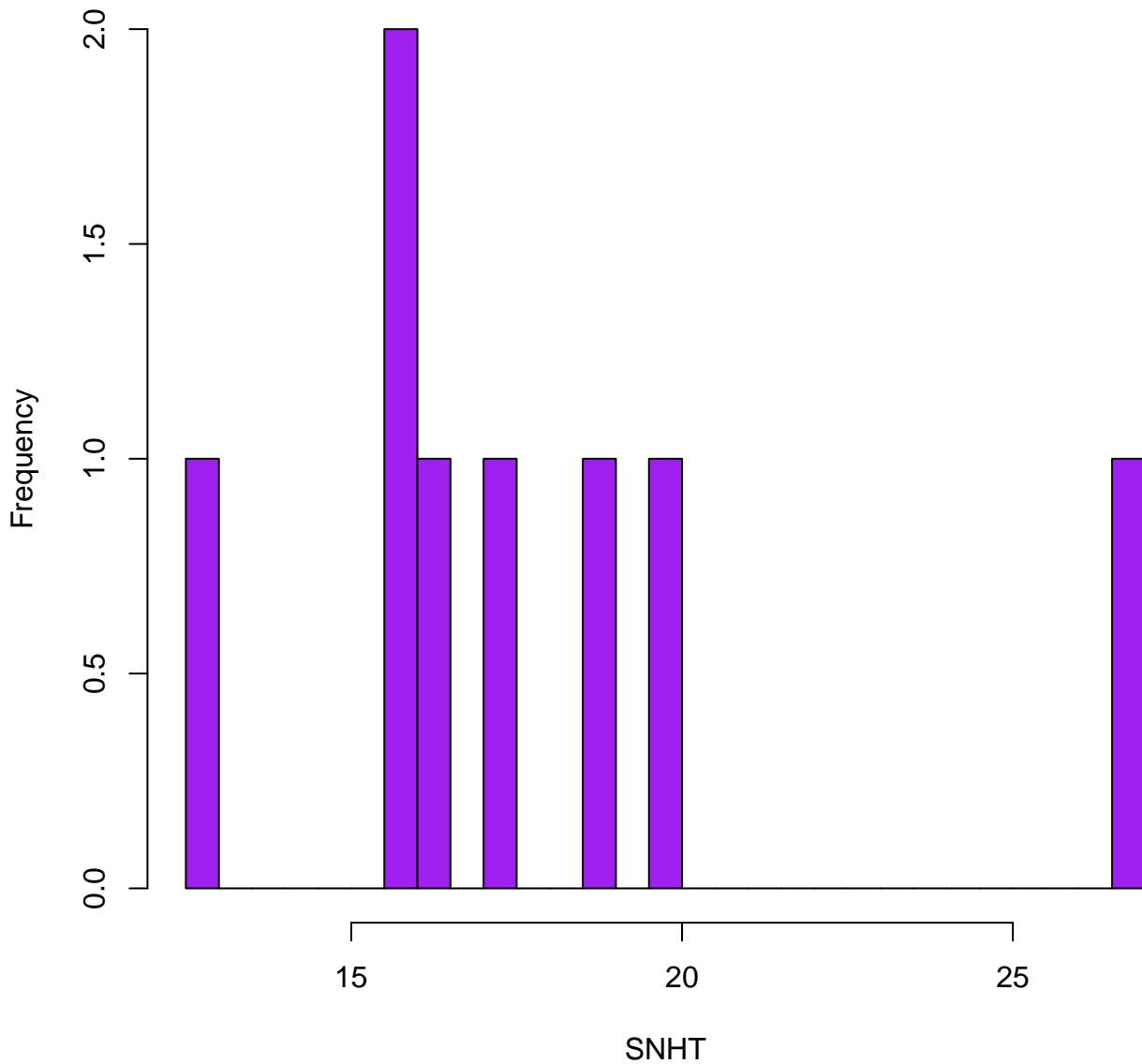**Ttest2 station locations (2 clusters)**

Stage 1
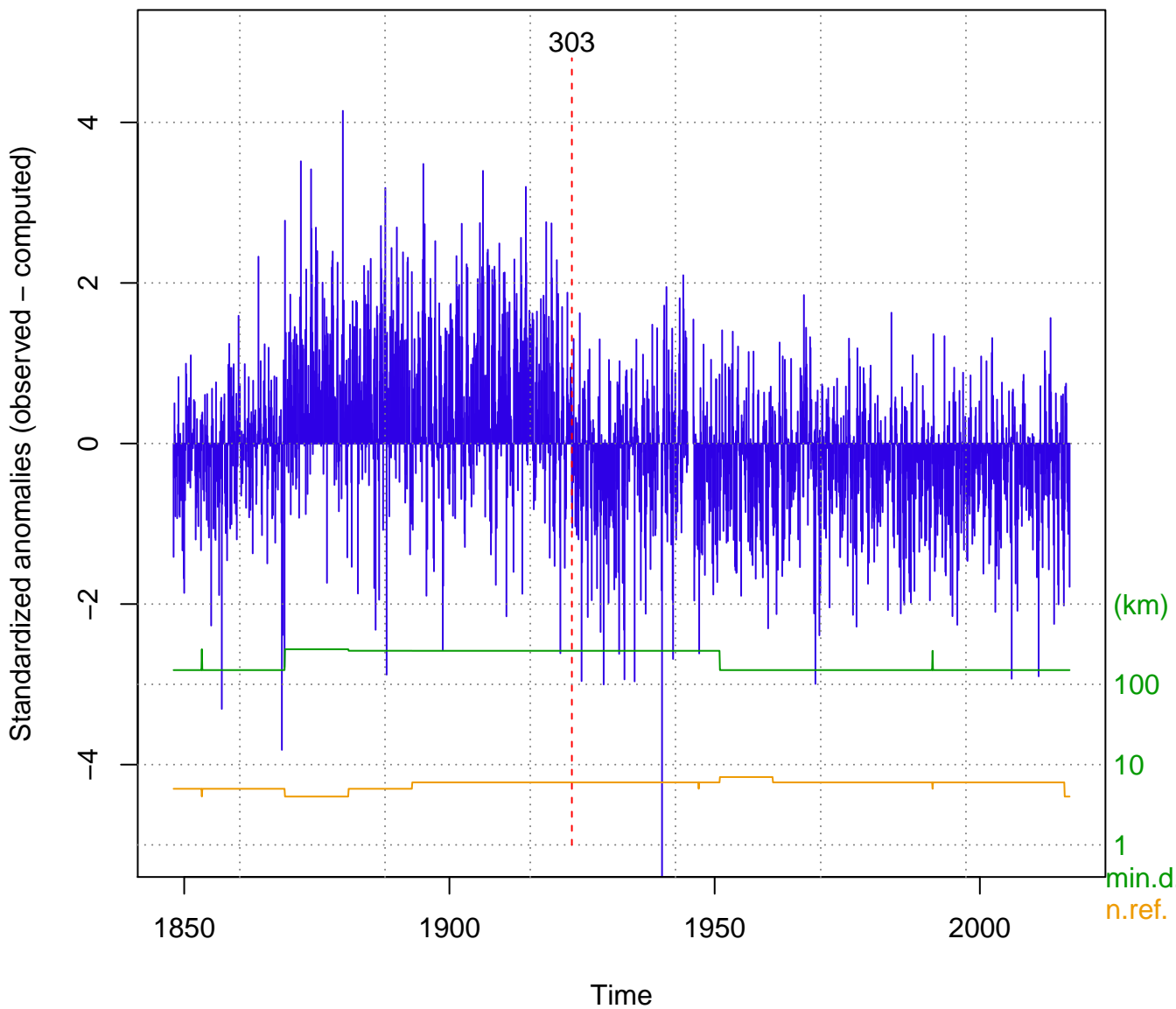
Binary splits on 60 term
stepped windows
with SNHT > 30
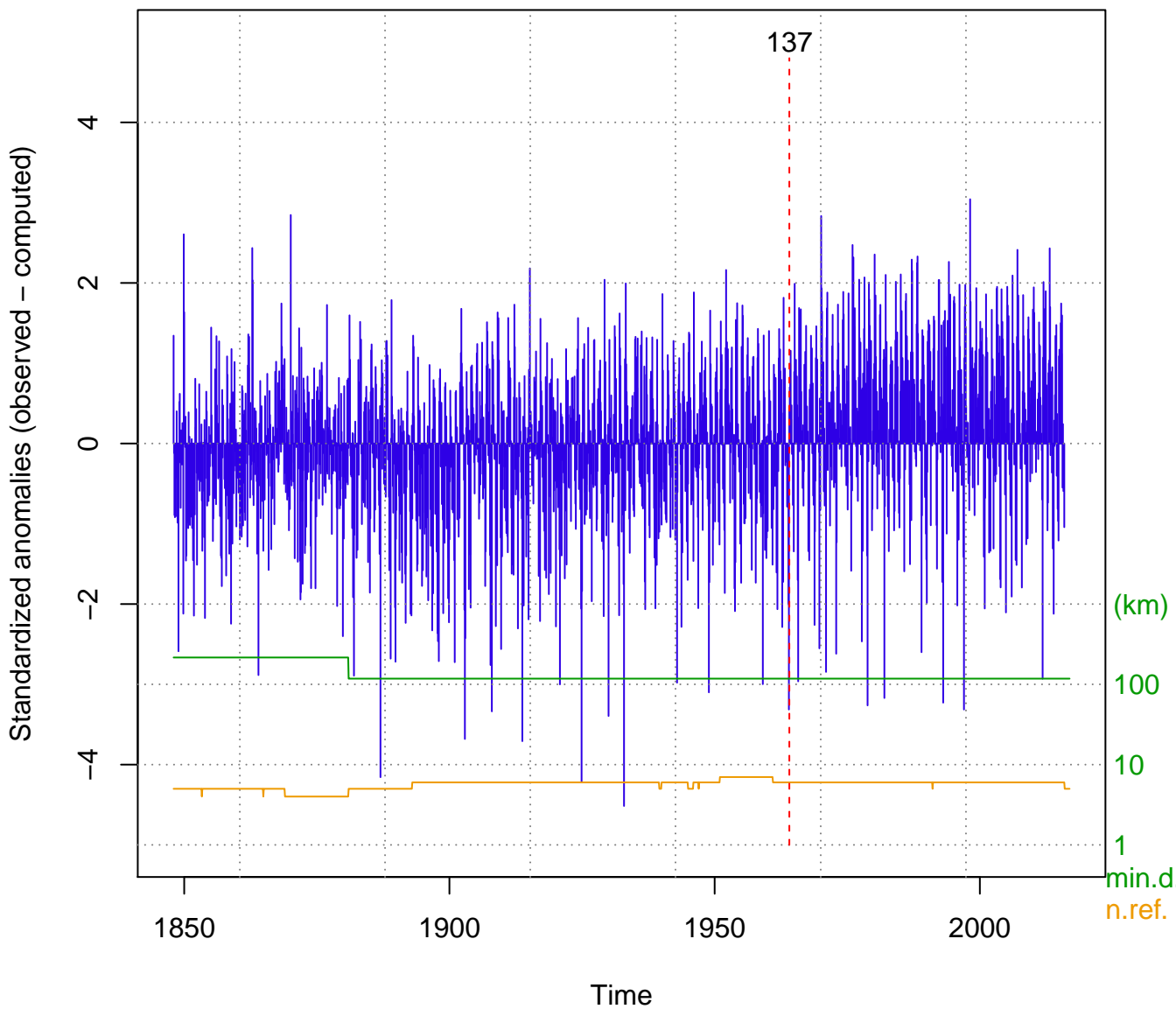and wd = 0 km

Histogram of maximum SNHT (Stage 1)

Stage 2

Binary splits on
whole series
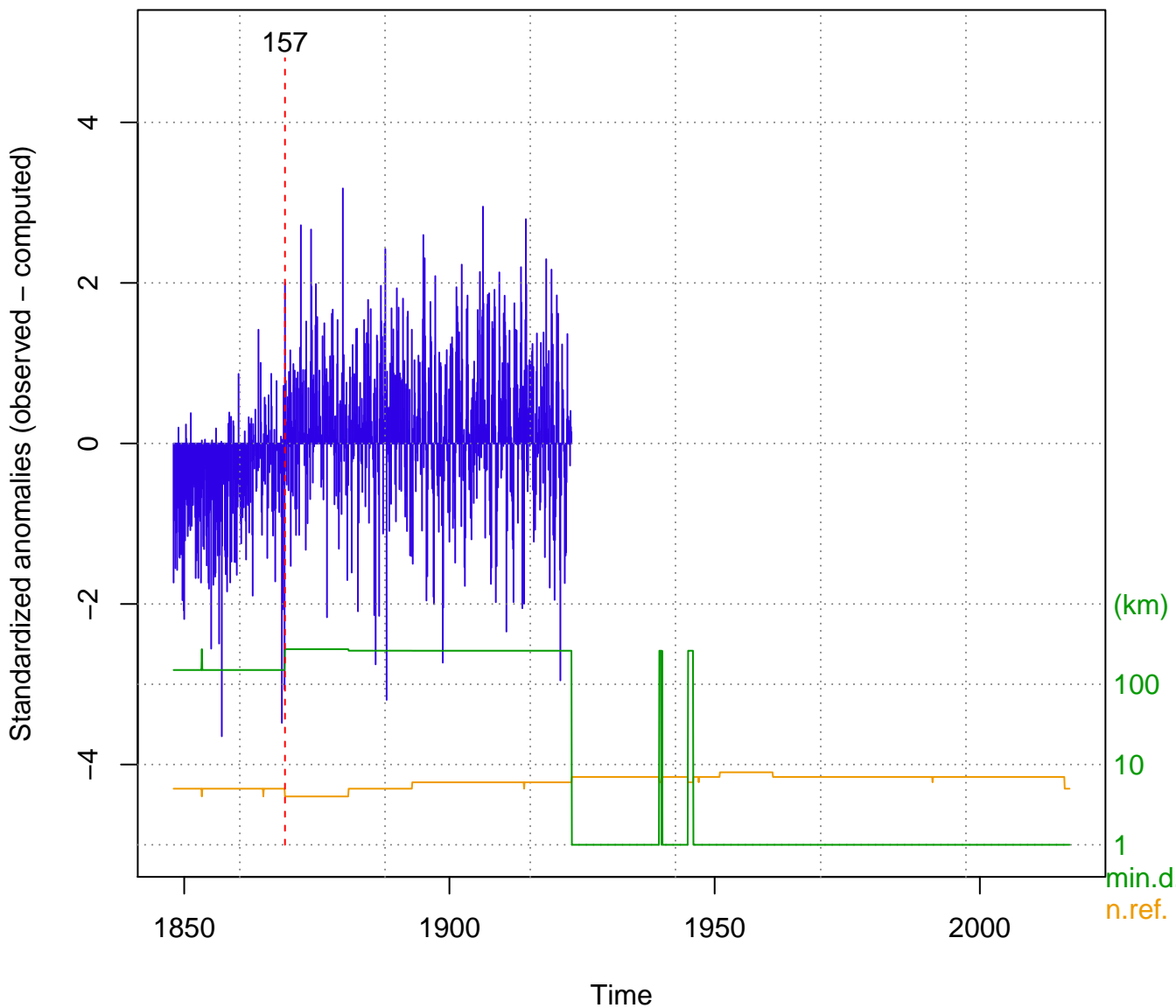with SNHT > 30
and wd = 100 km

Ttest2 at poznan(1), poznan

Ttest2 at praga(4), praga

137

Standardized anomalies (observed − computed)
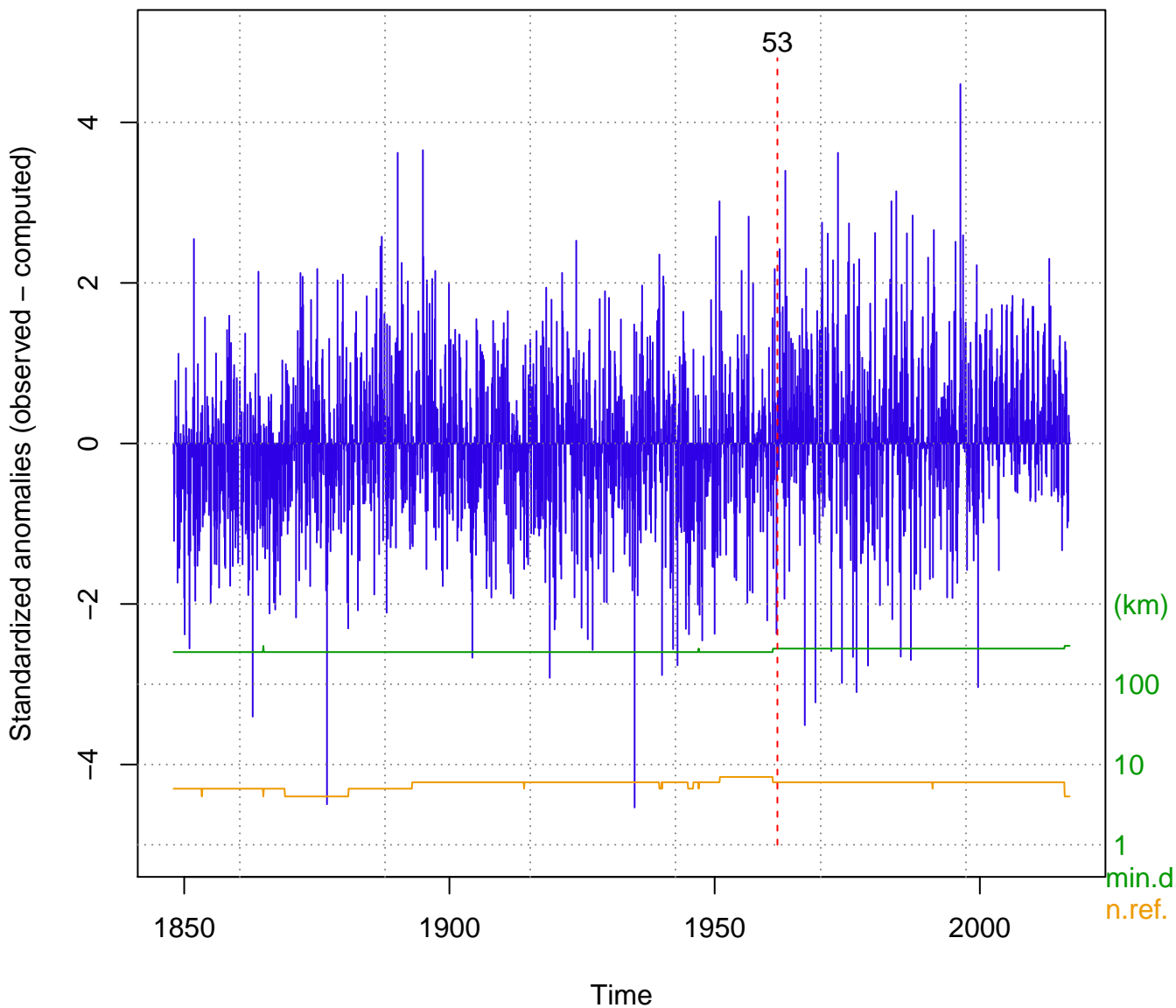
Time

(km)

100

10

1

min.d
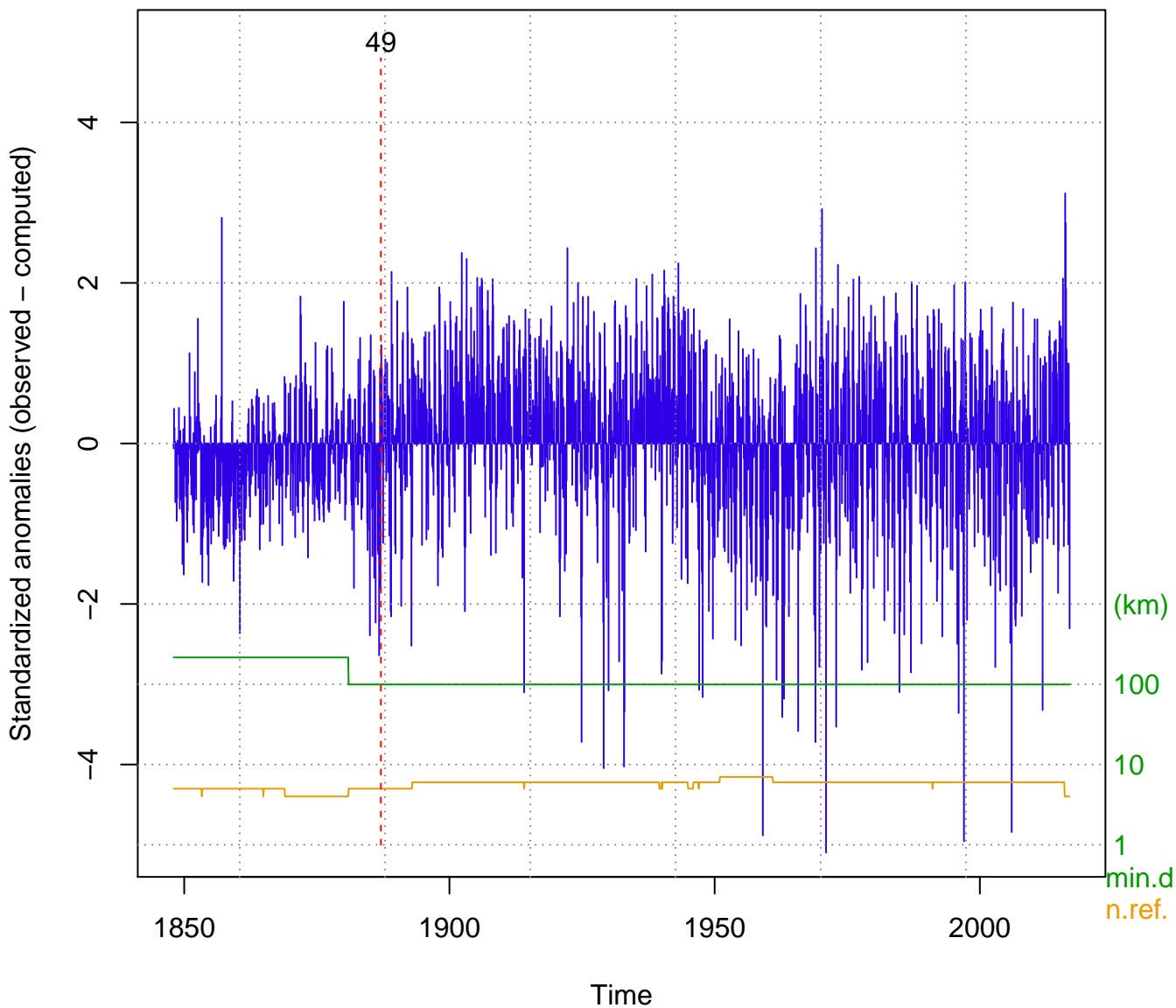n.ref.

Ttest2 at szczecin(7), szczecin
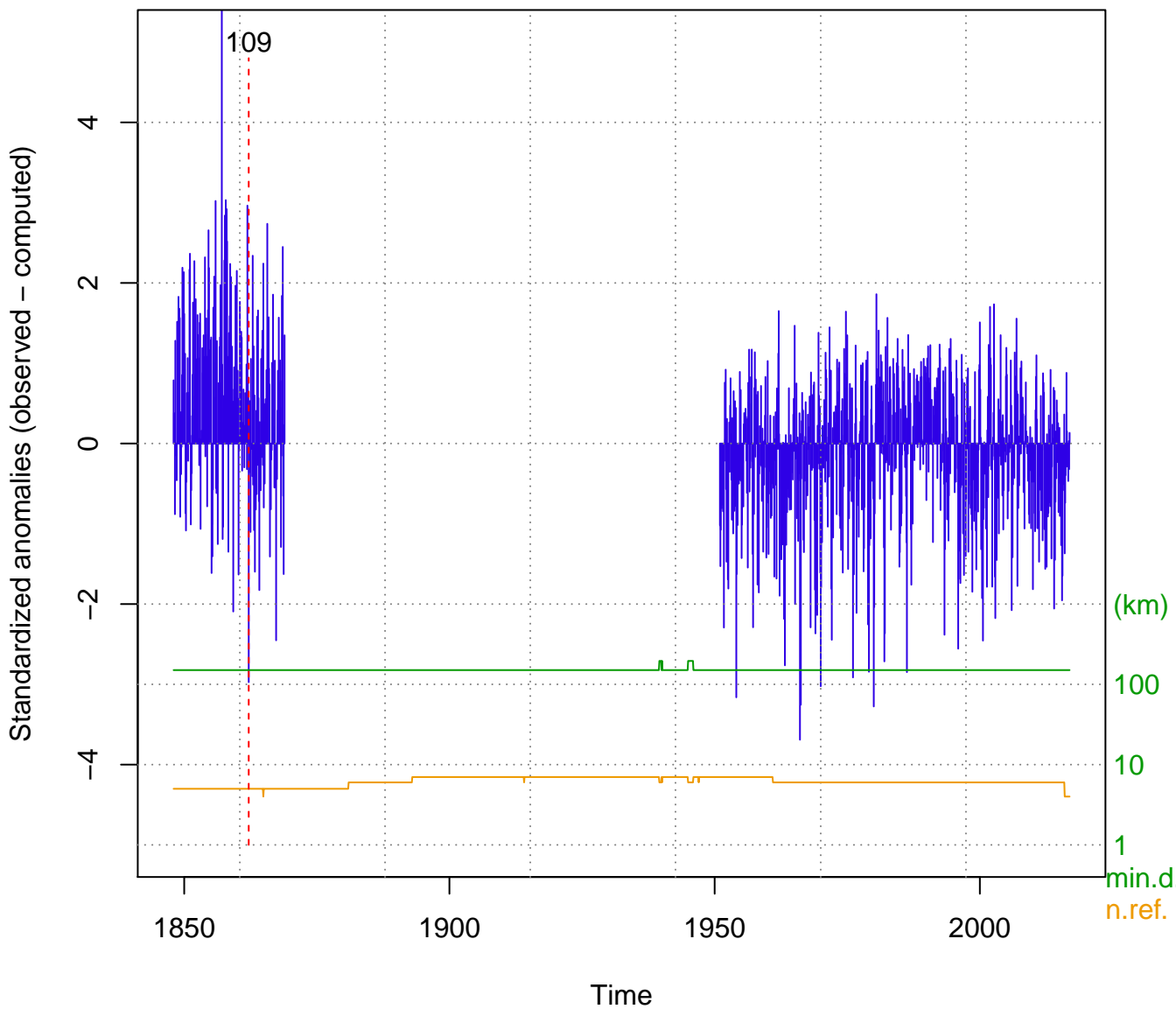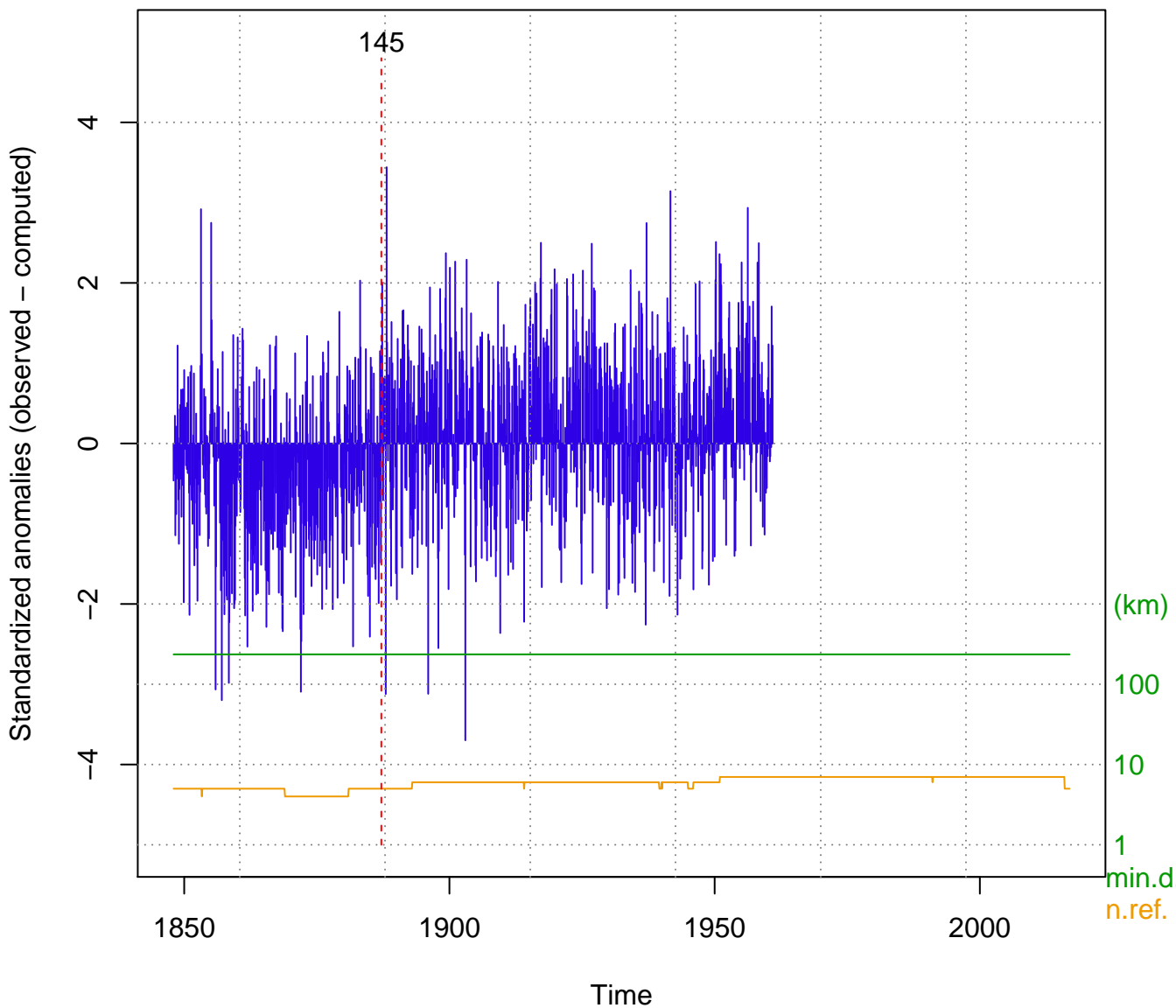
Ttest2 at poznan(1), poznan
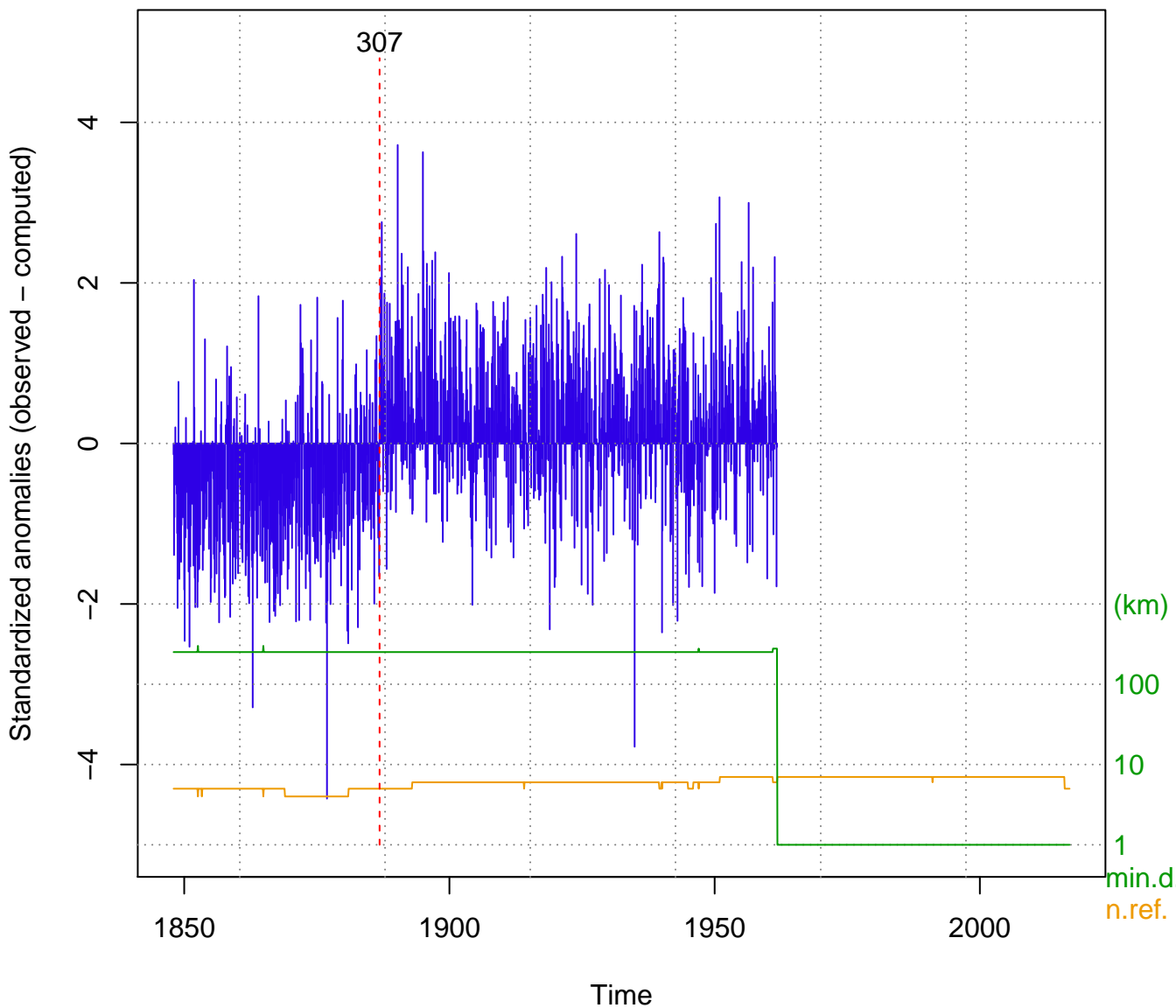
Ttest2 at warszawa(3), warszawa
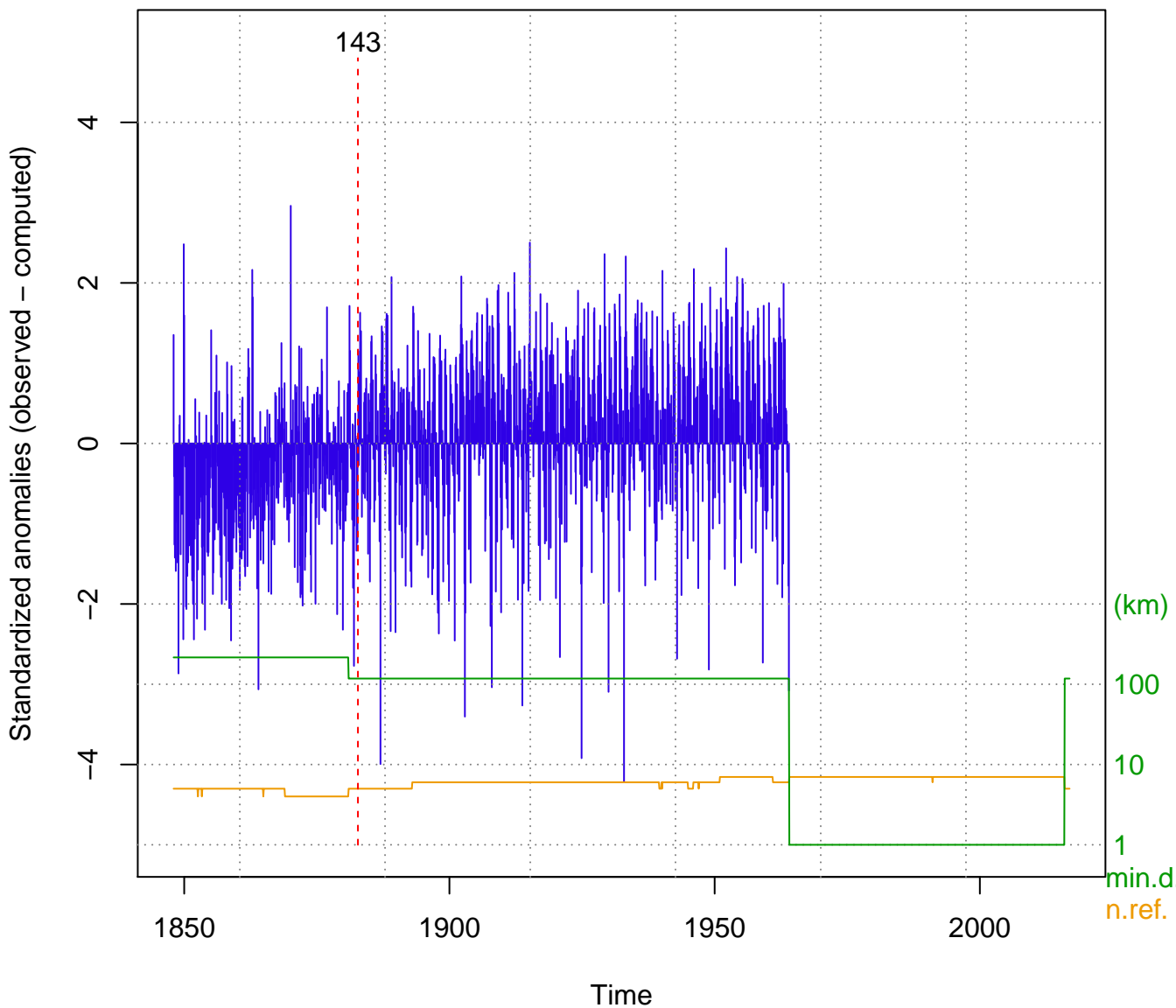
Ttest2 at wroclaw(5), wroclaw
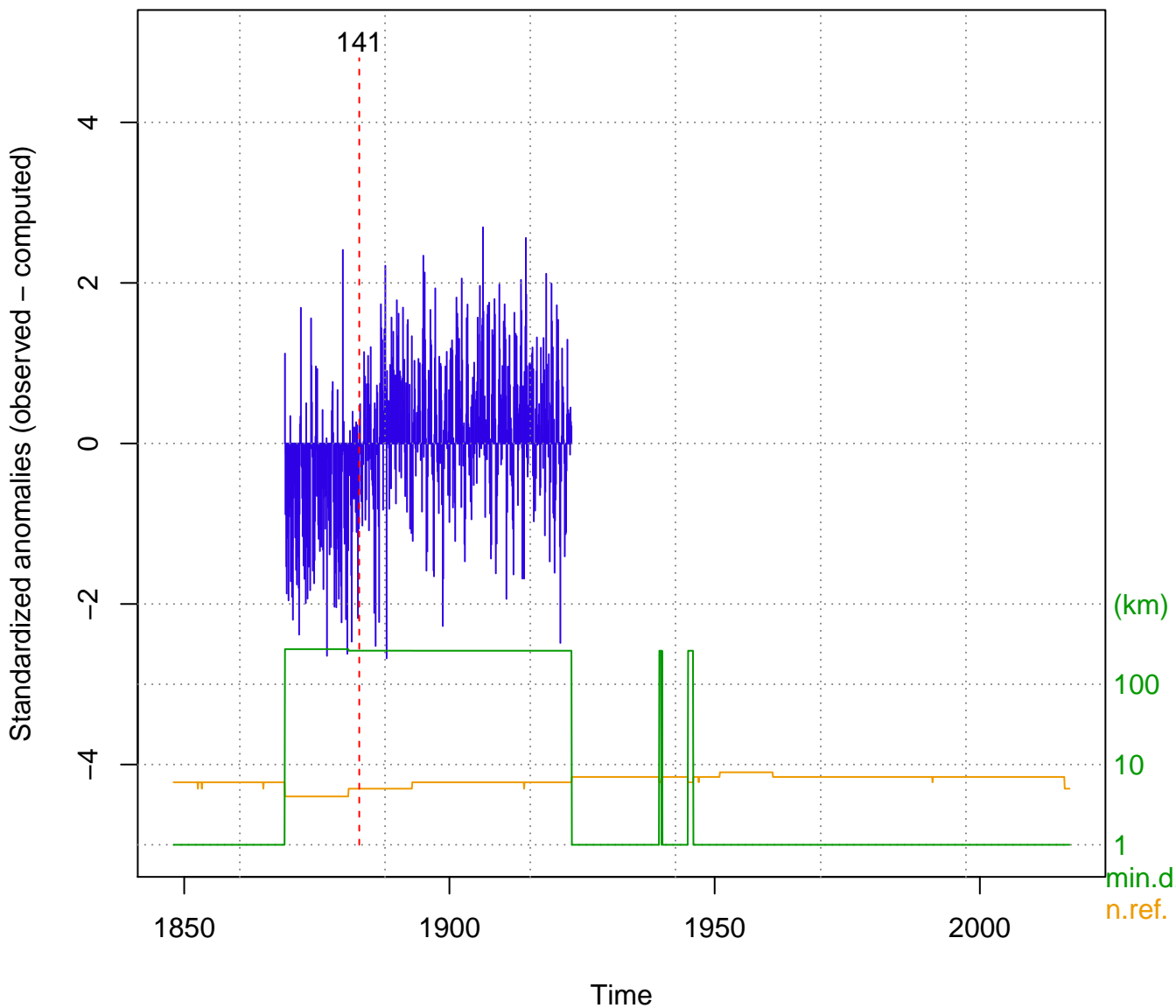
Ttest2 at krakow(6), krakow
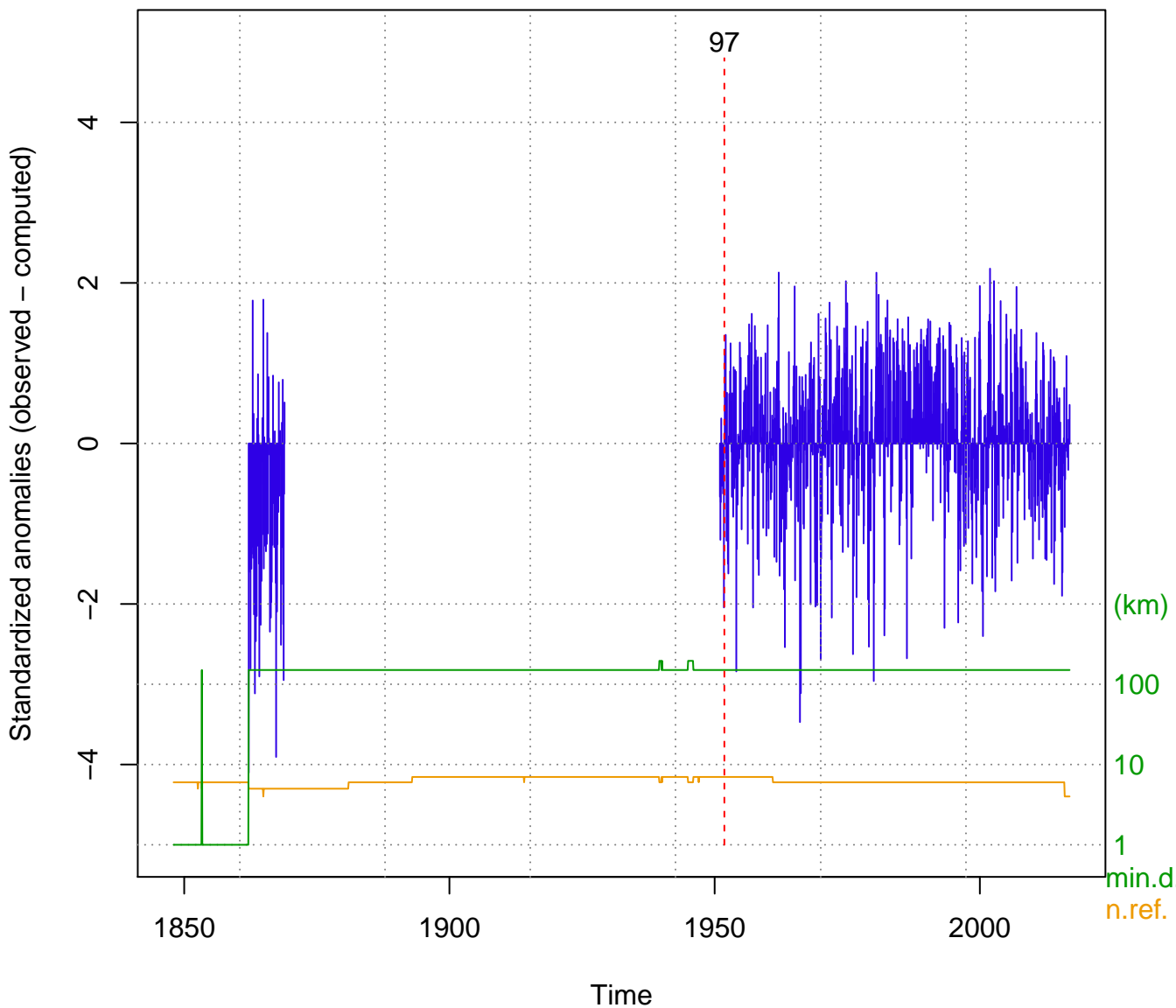
Ttest2 at warszawa(3), warszawa
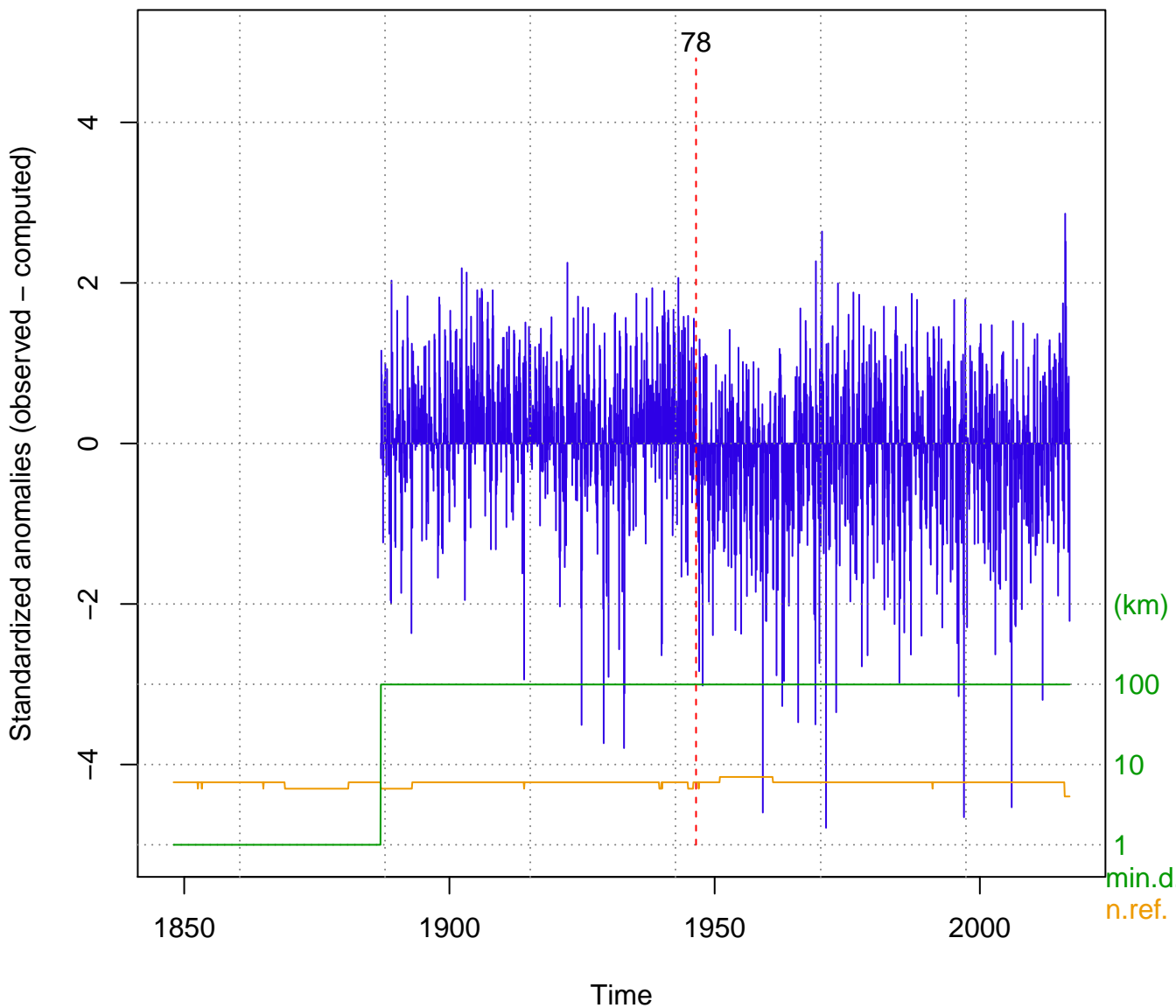
Ttest2 at praga(4), praga
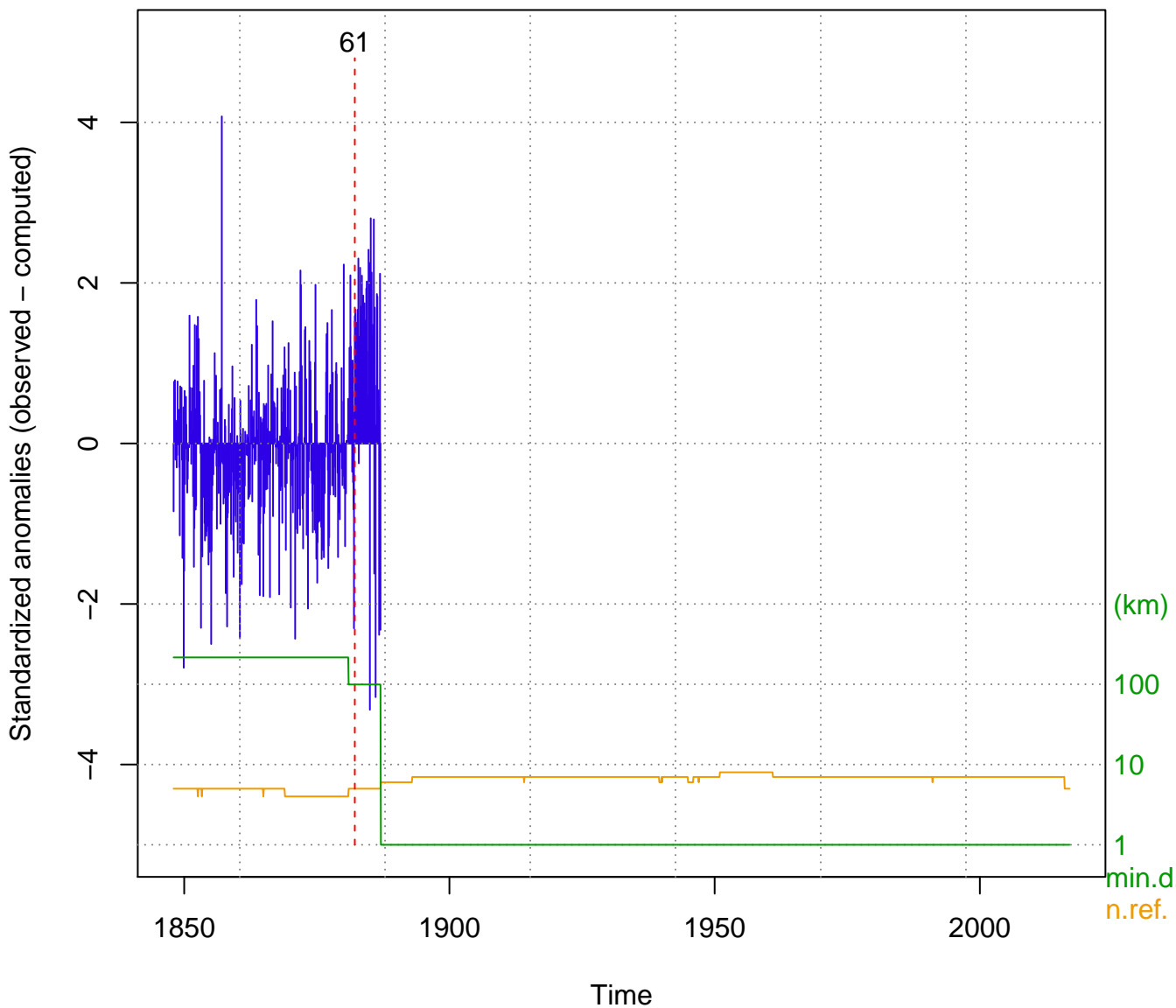
Ttest2 at poznan−3(12), poznan−3

Ttest2 at szczecin−2(11), szczecin−2

Ttest2 at wroclaw−2(14), wroclaw−2

Time

Standardized anomalies (observed − computed)
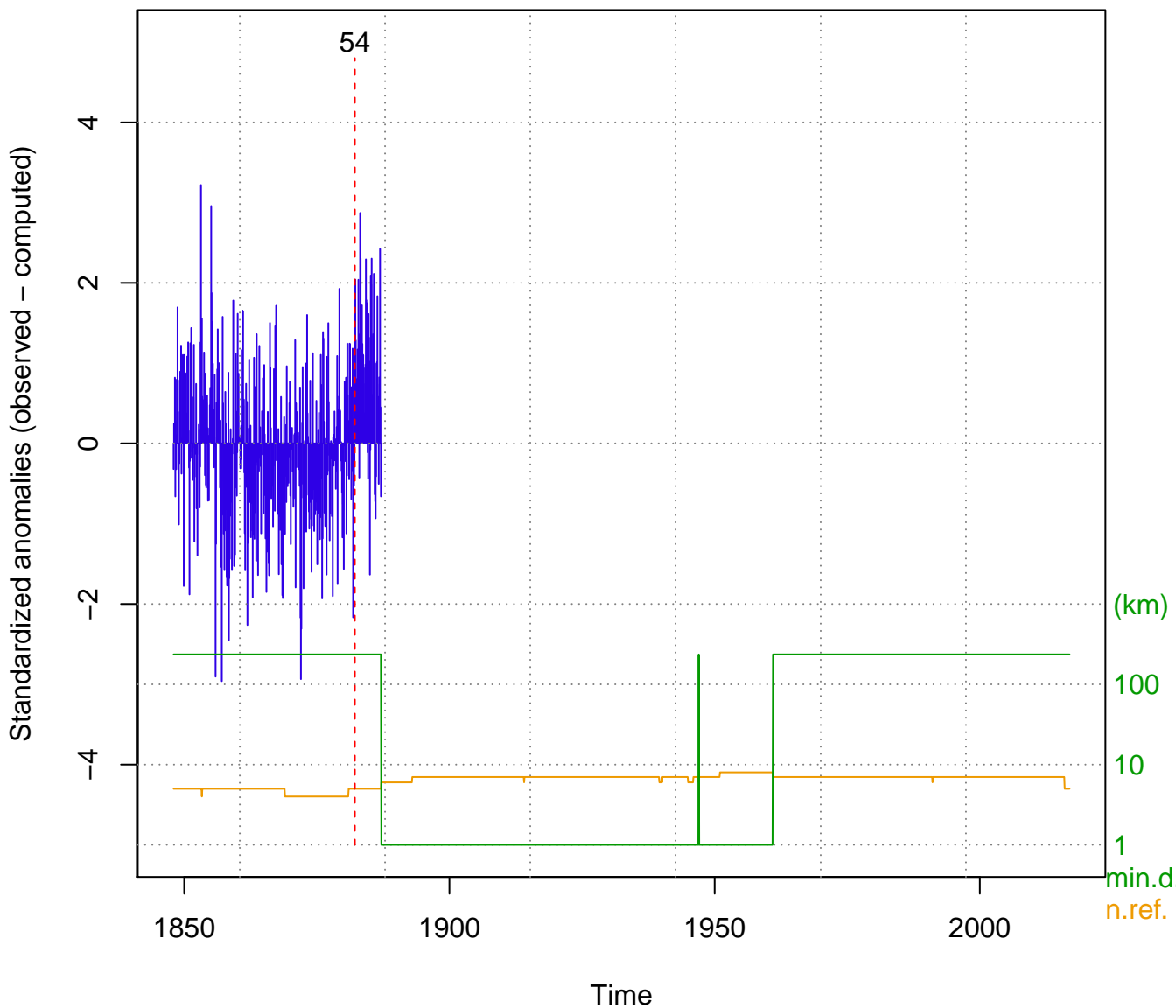
78

(km)

100

10

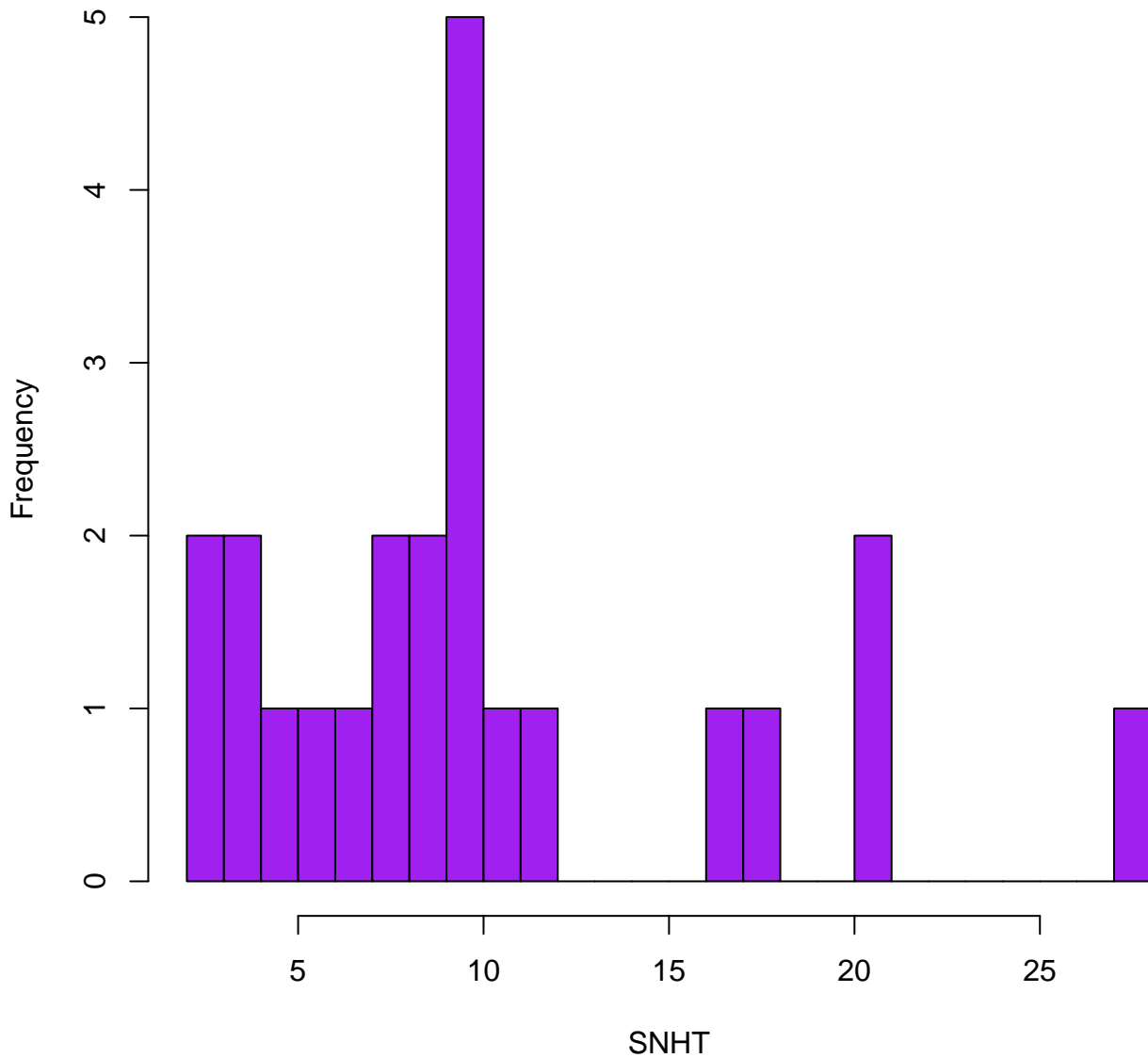1

min.d
n.ref.

Ttest2 at wroclaw(5), wroclaw
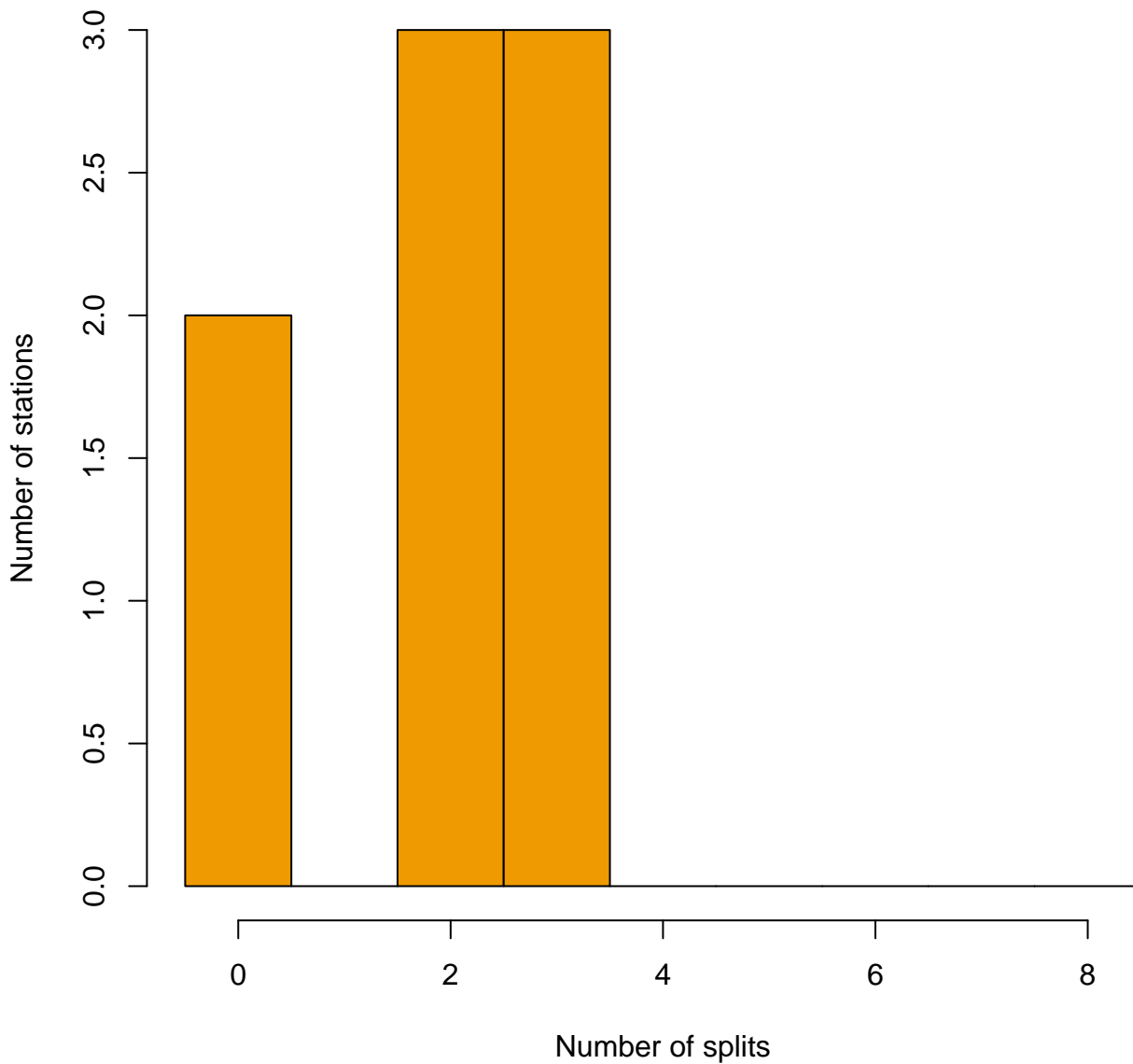
Ttest2 at warszawa(3), warszawa
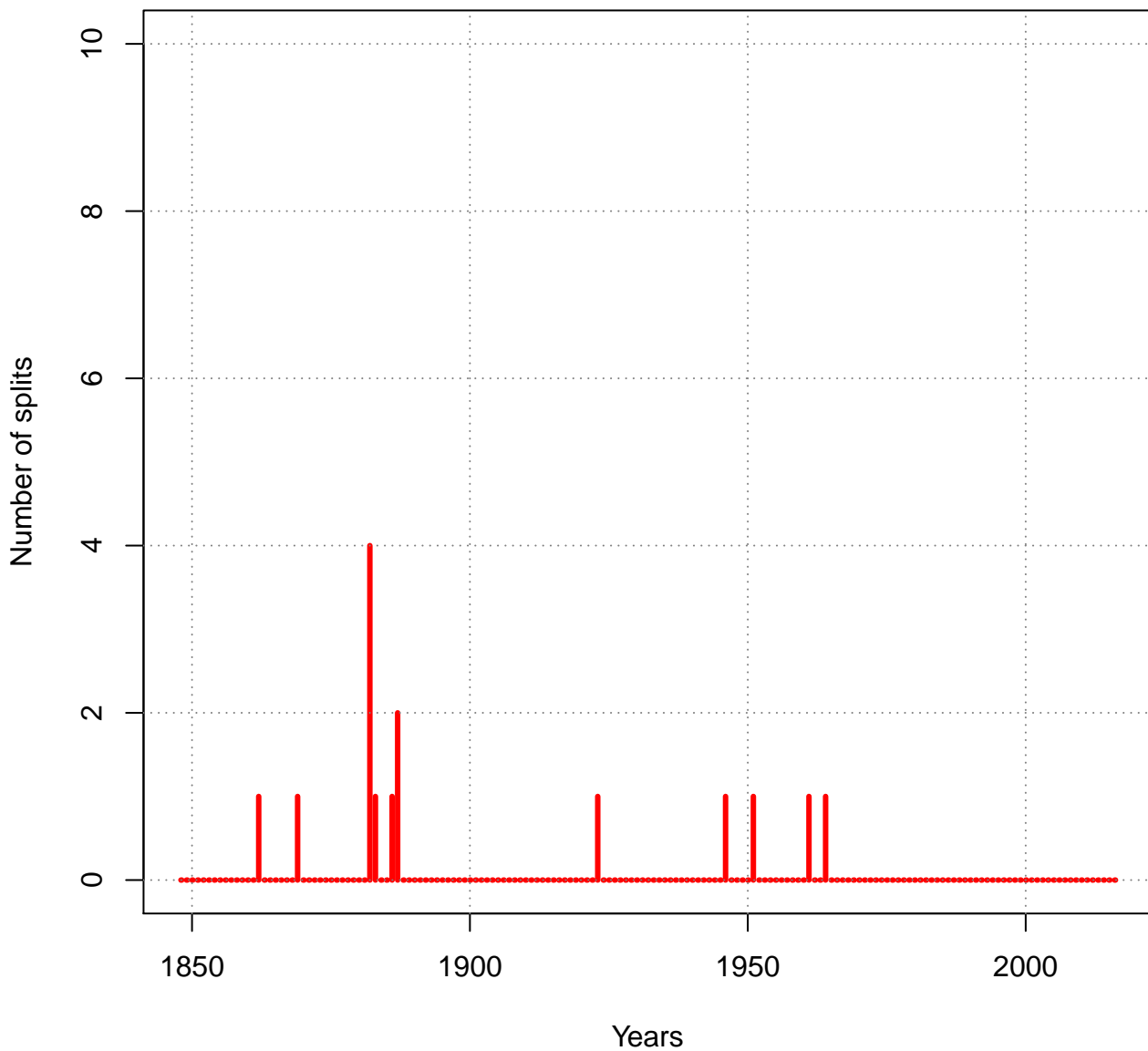
Ttest2 at krakow(6), krakow

Histogram of maximum SNHT (Stage 2)

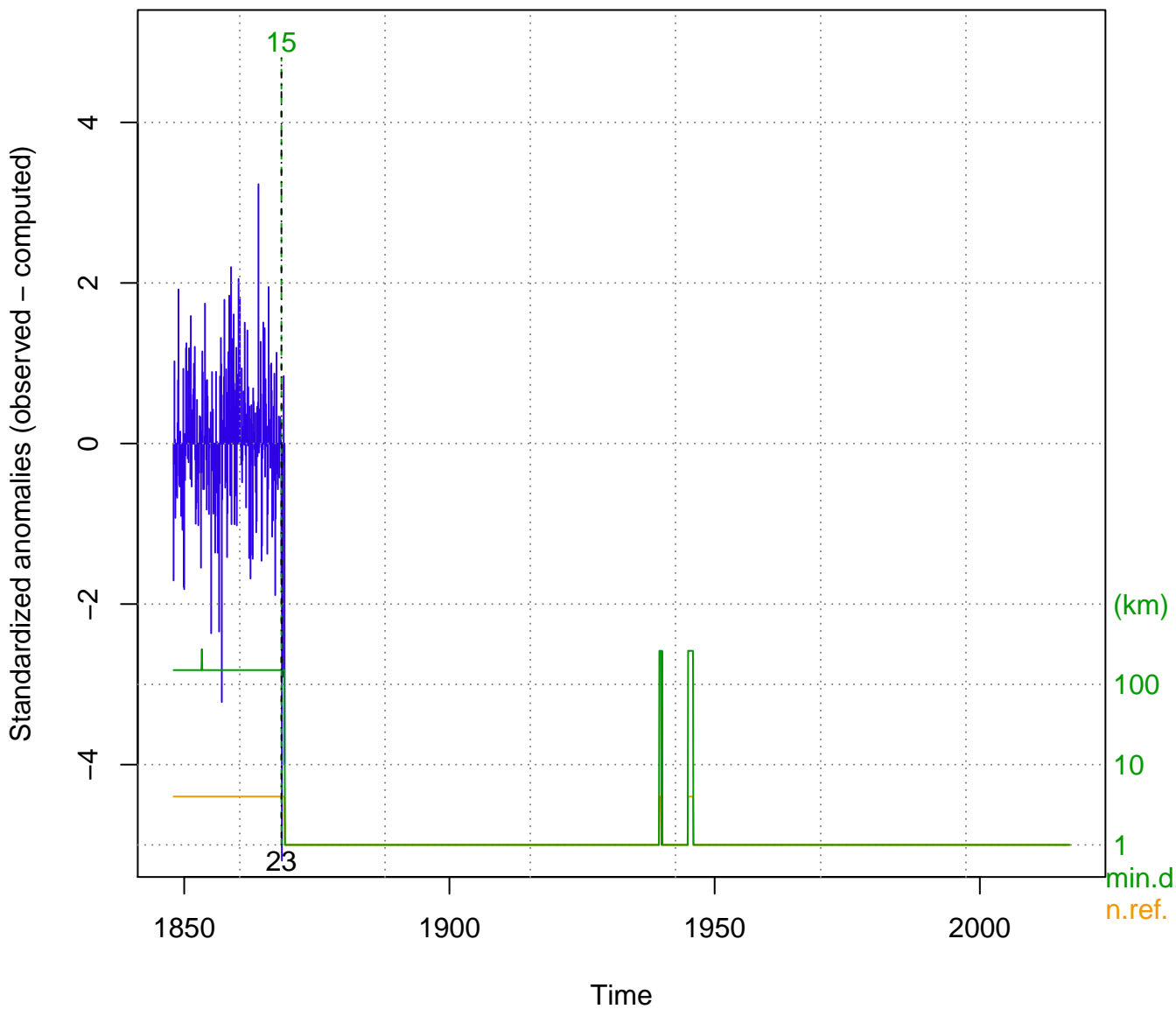**Number of splits per station**

Number of splits per year
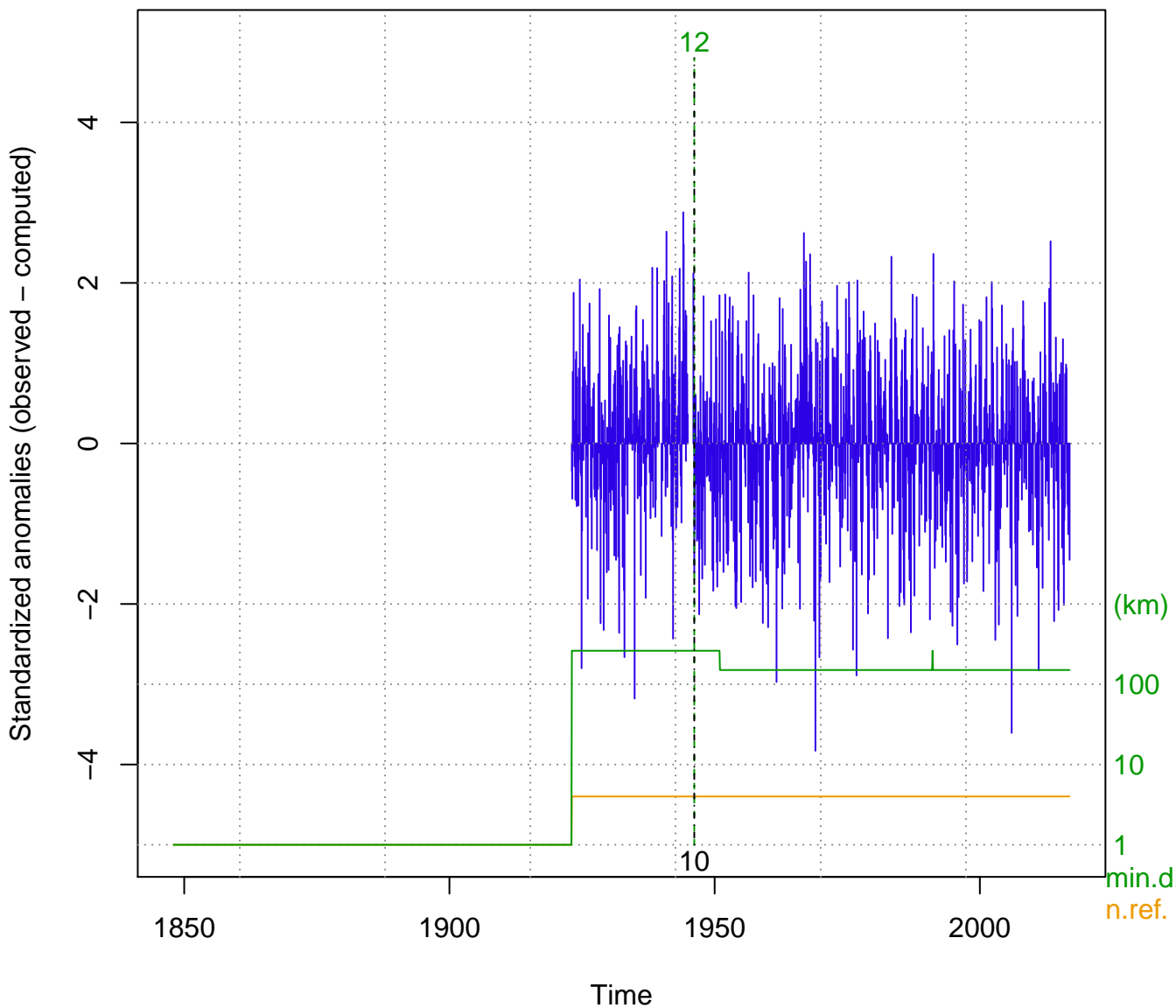
Number of splits

Years

Stage 3

Anomalies after
missing data
recalculation
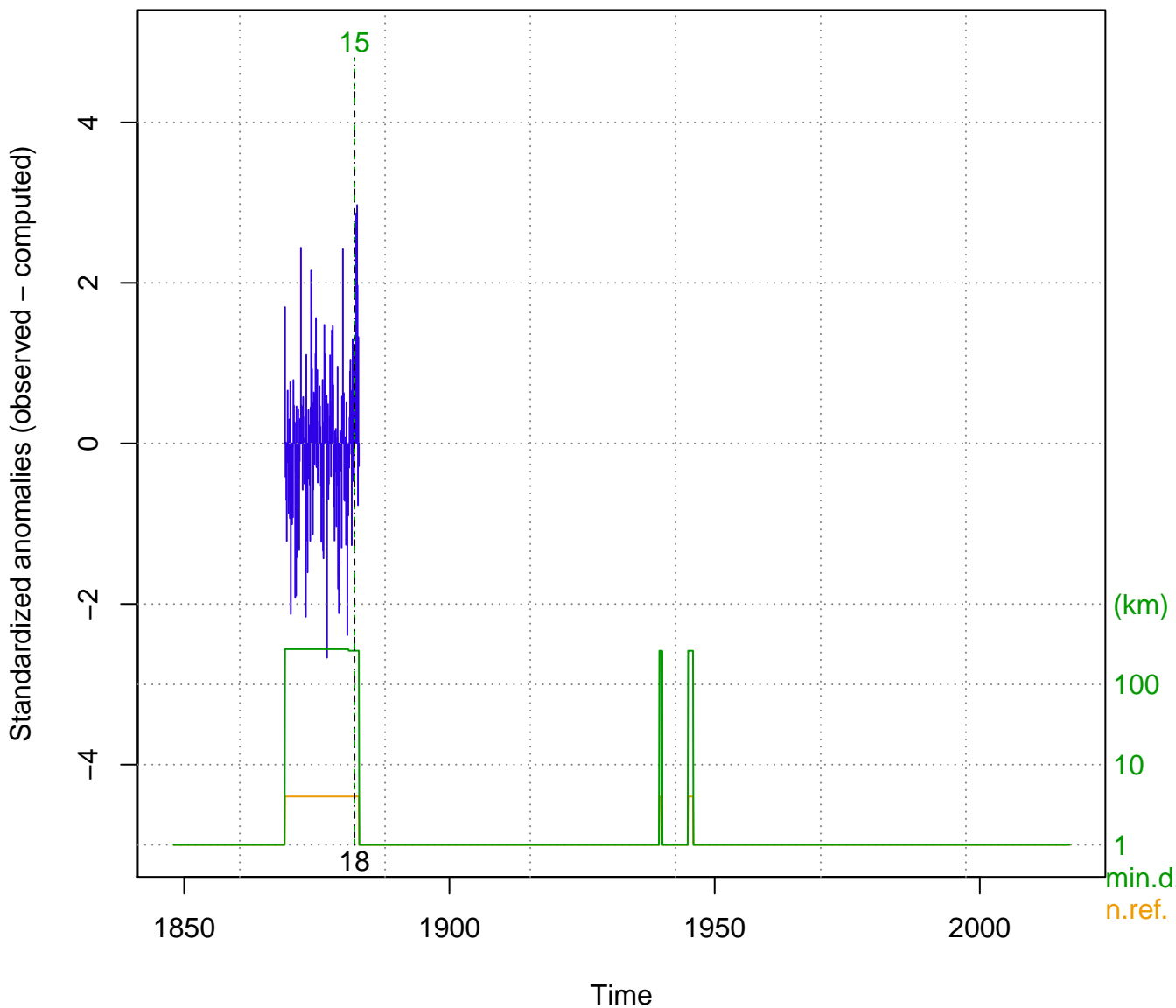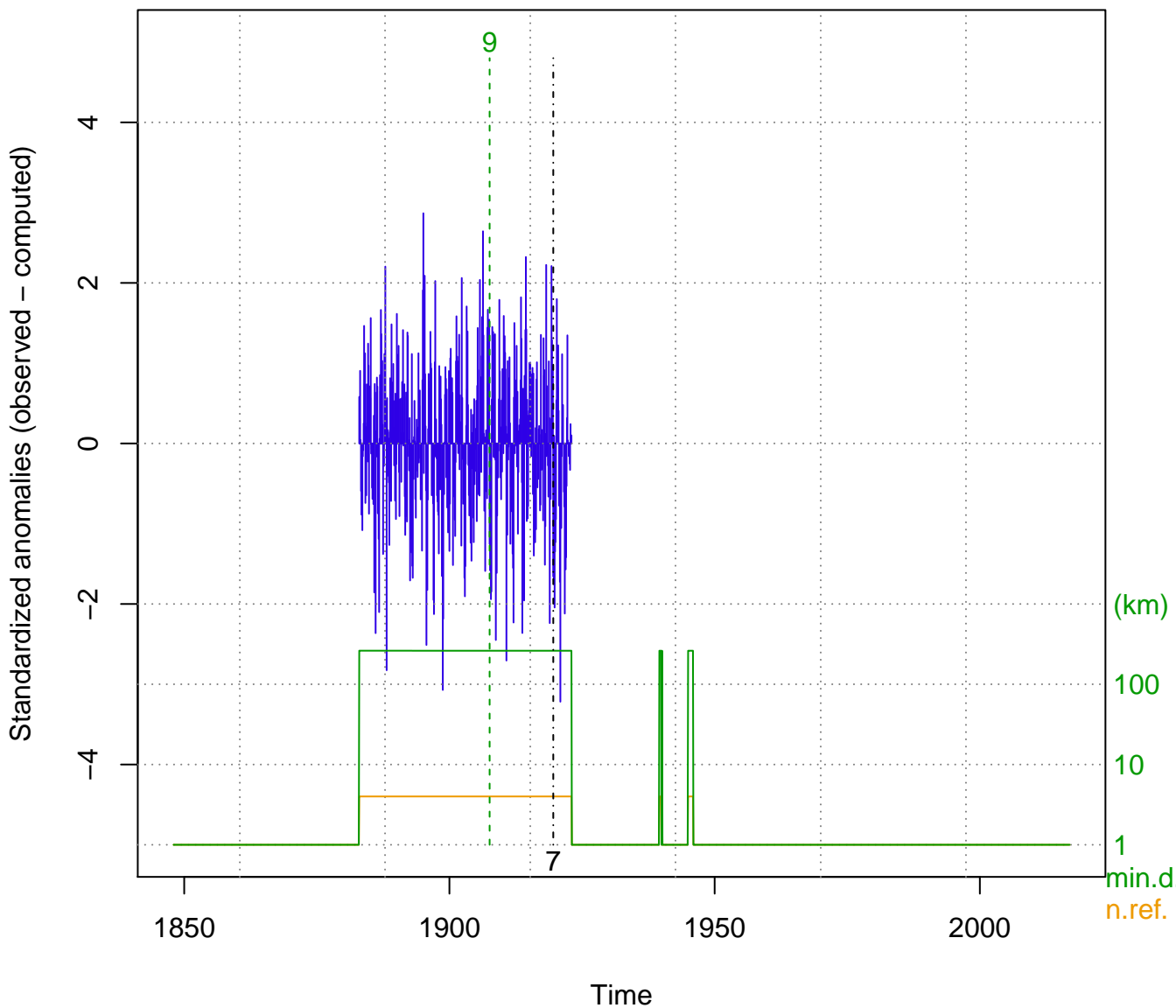with wd = 500 km
(swa = 60)

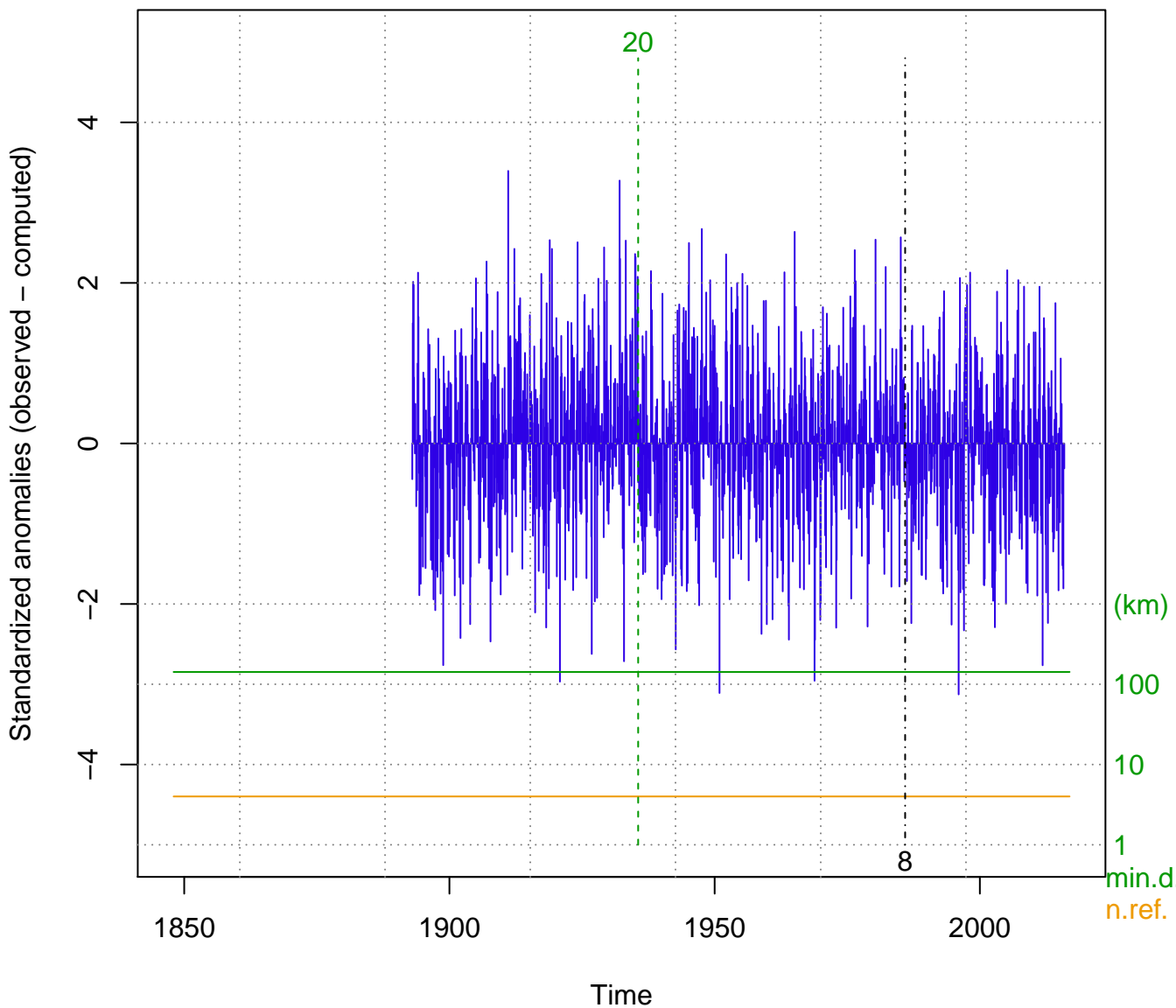**Ttest2 at poznan(1), poznan**

Ttest2 at poznan−2(9), poznan−2
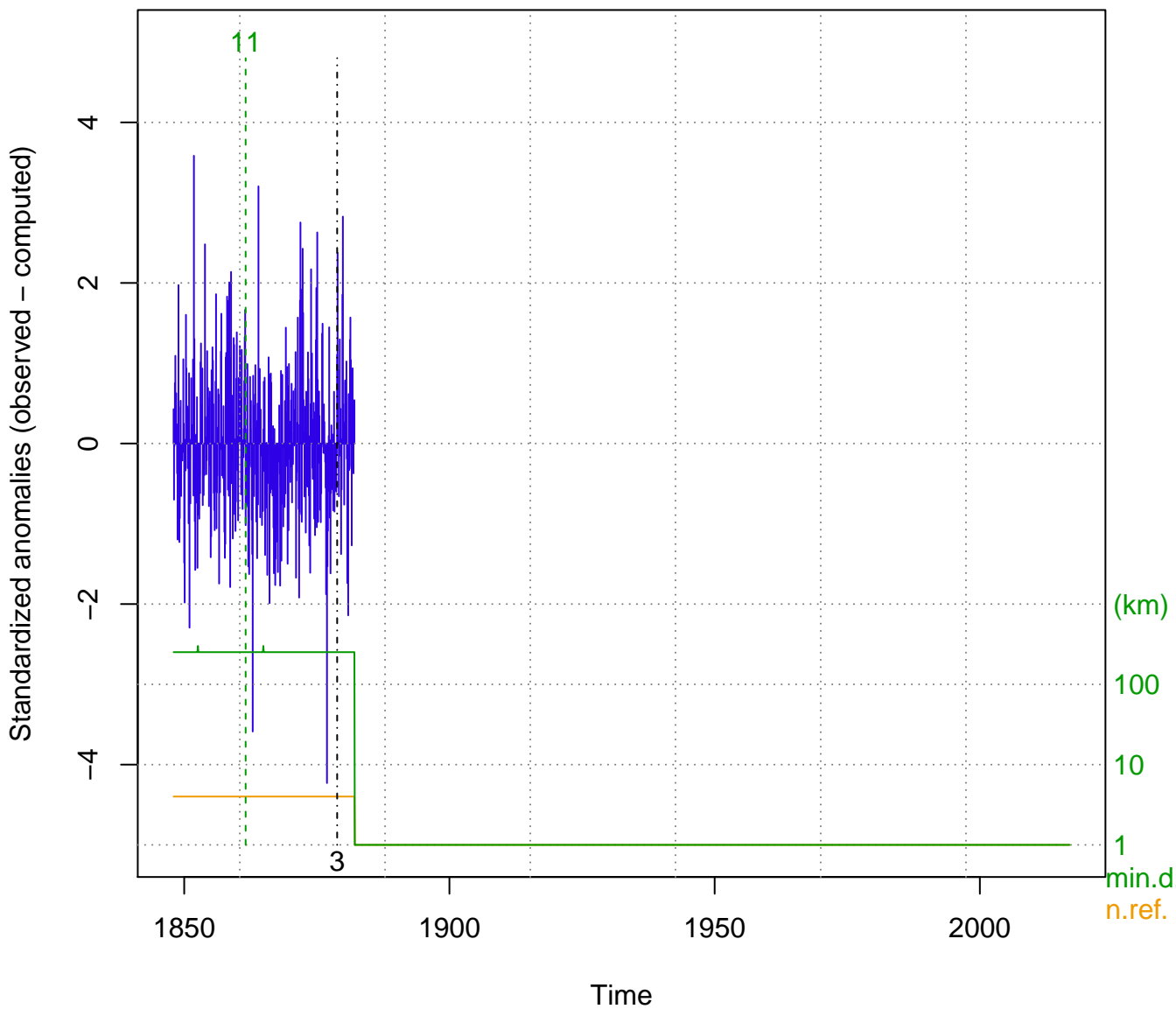
Ttest2 at poznan−3(12), poznan−3
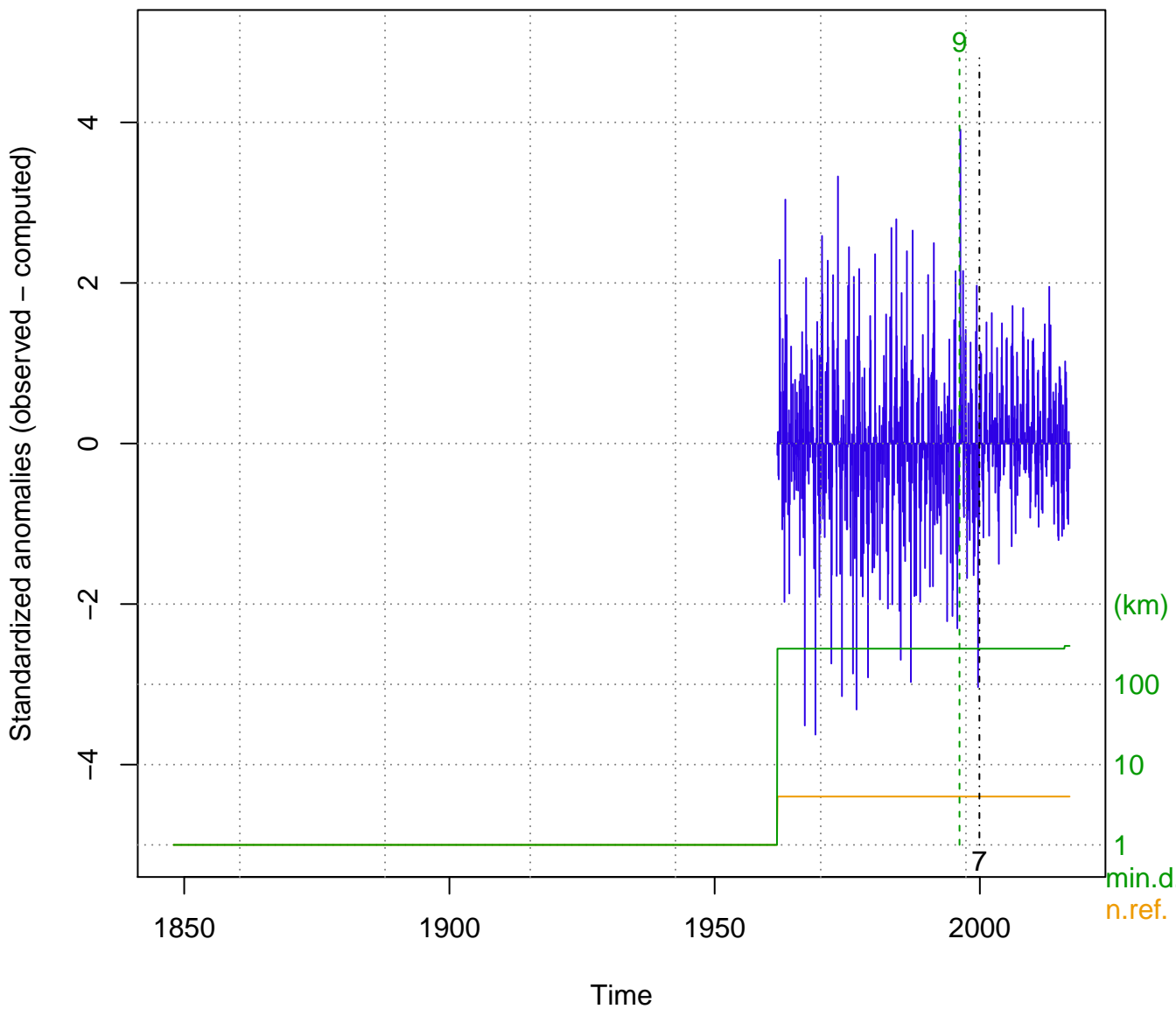
Ttest2 at poznan−4(18), poznan−4
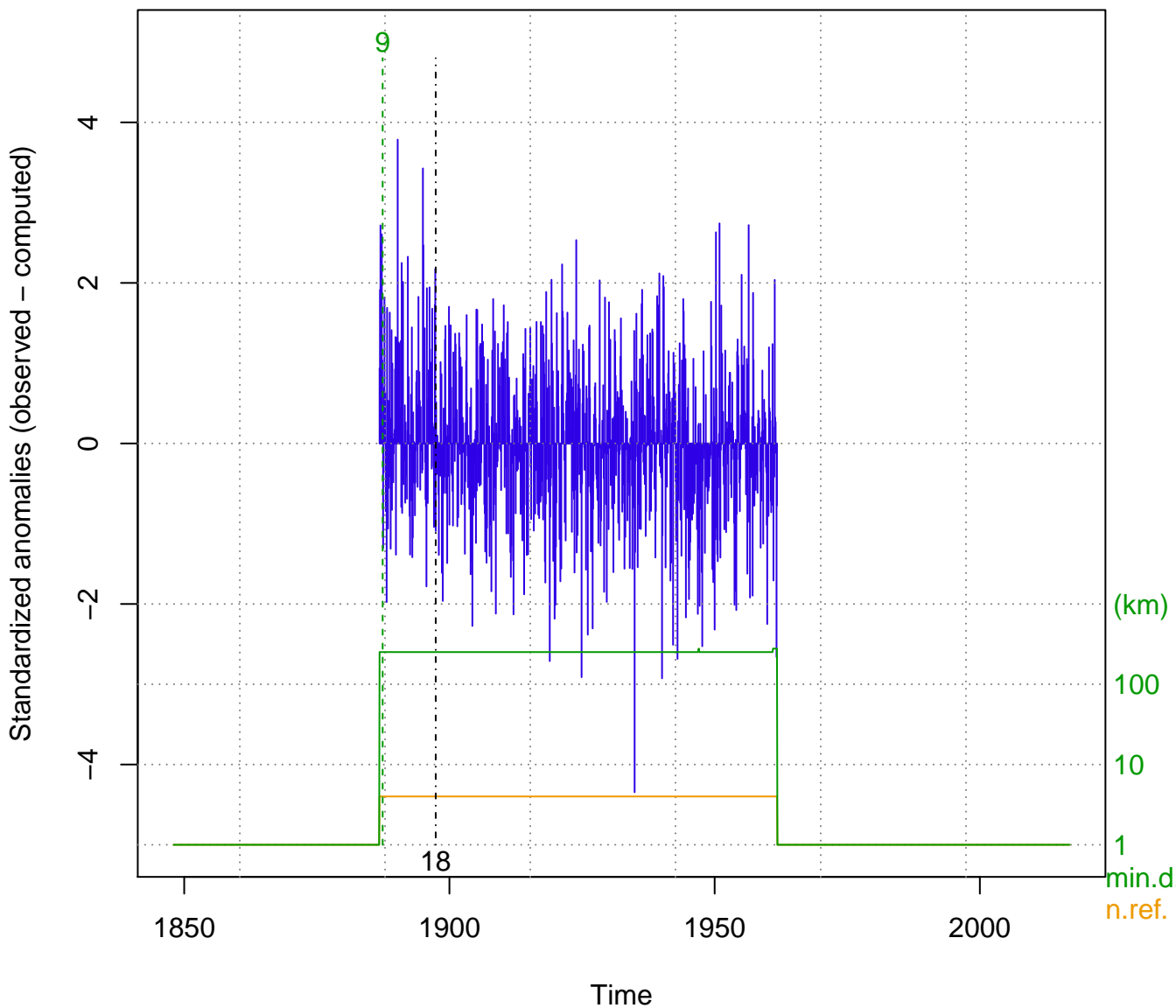
Ttest2 at poczdam(2), poczdam
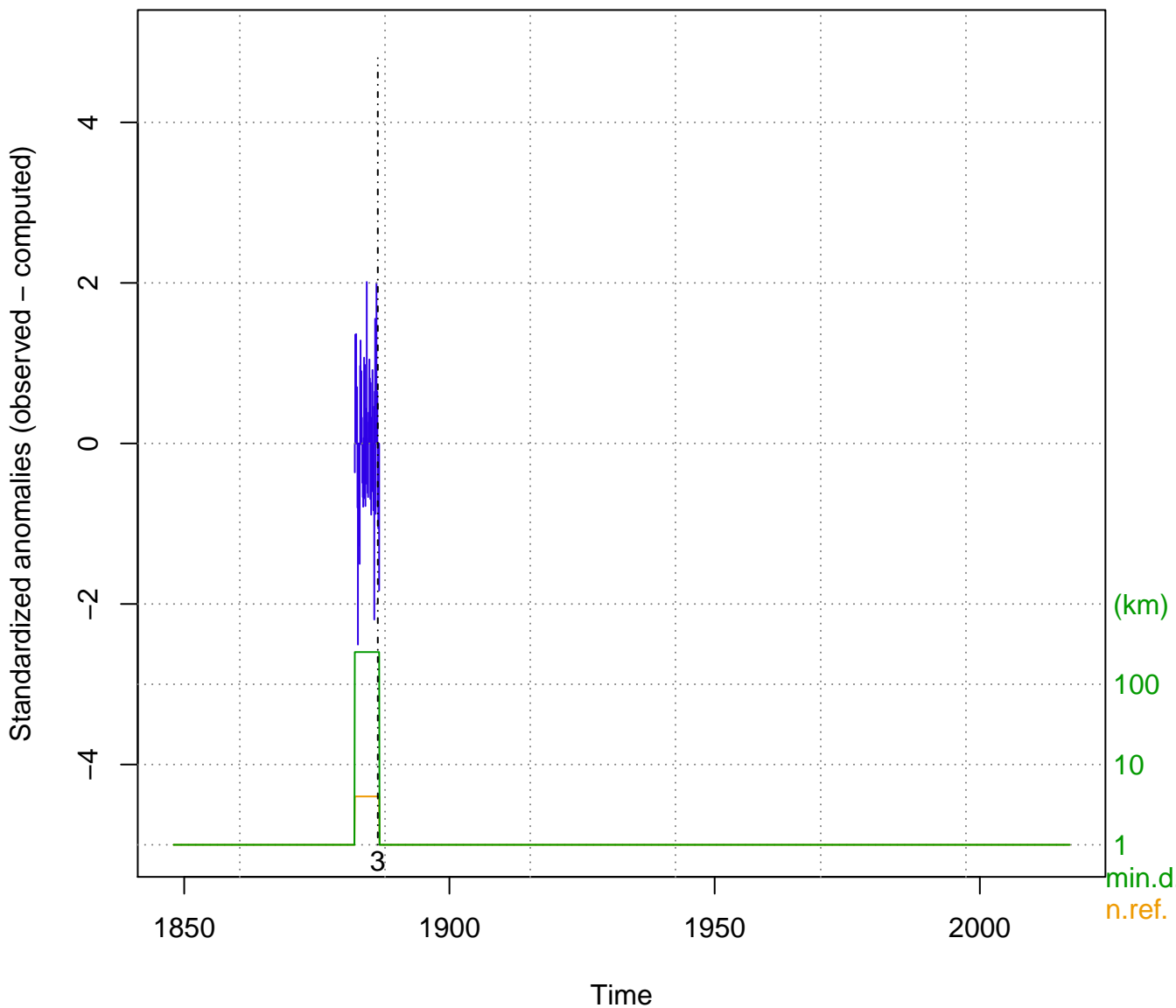
Ttest2 at warszawa(3), warszawa
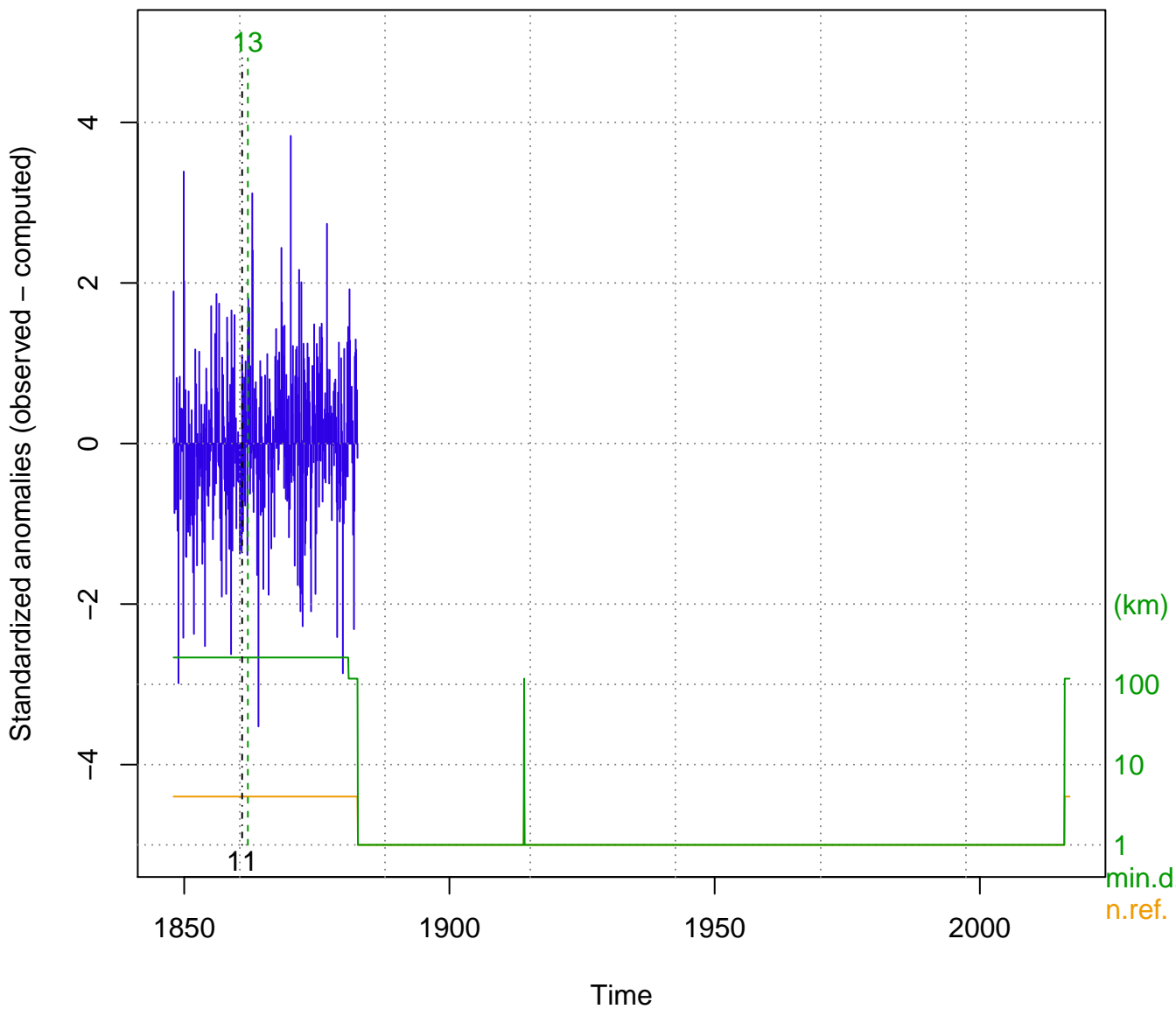
Ttest2 at warszawa−2(13), warszawa−2
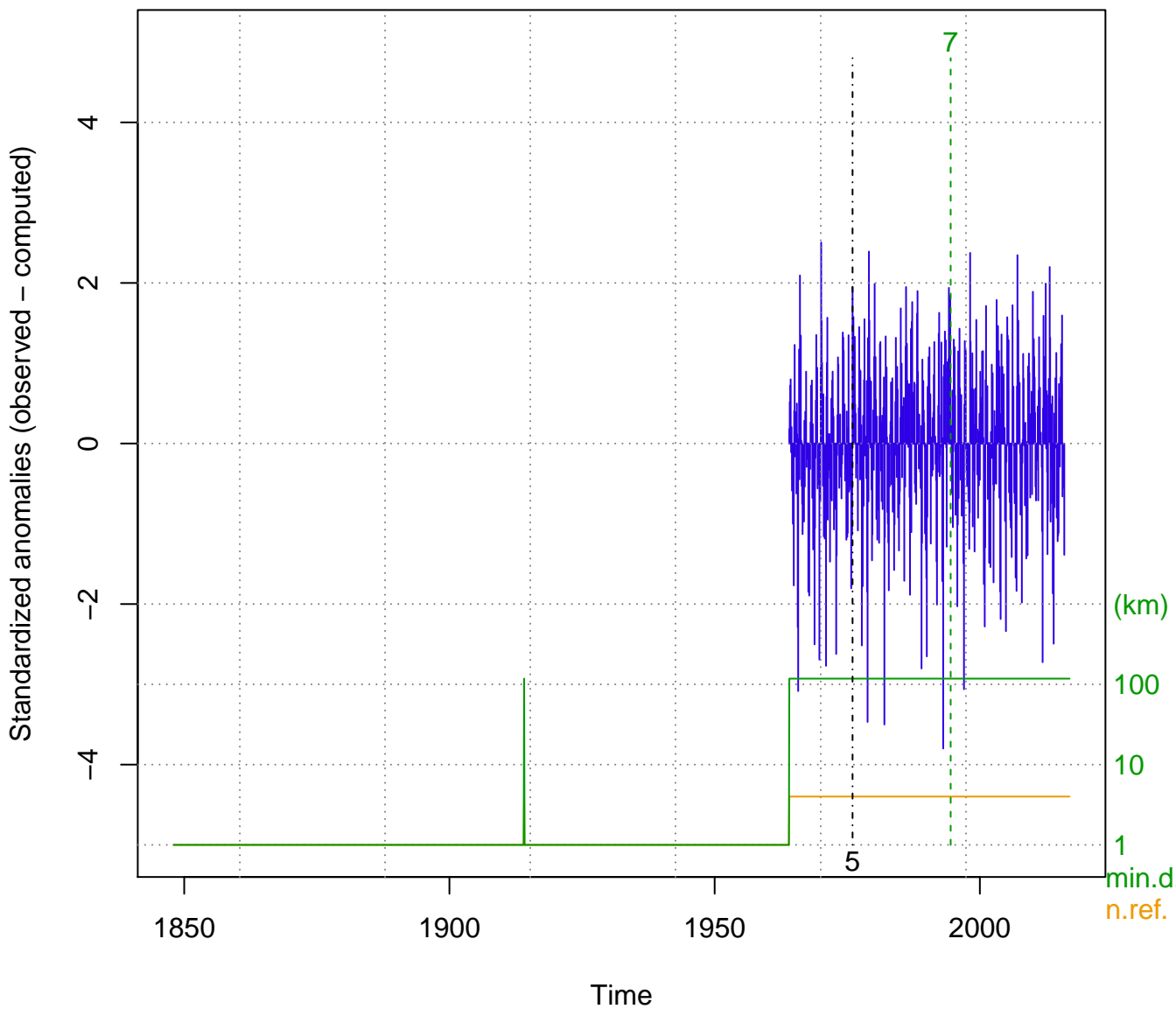
Ttest2 at warszawa−3(16), warszawa−3
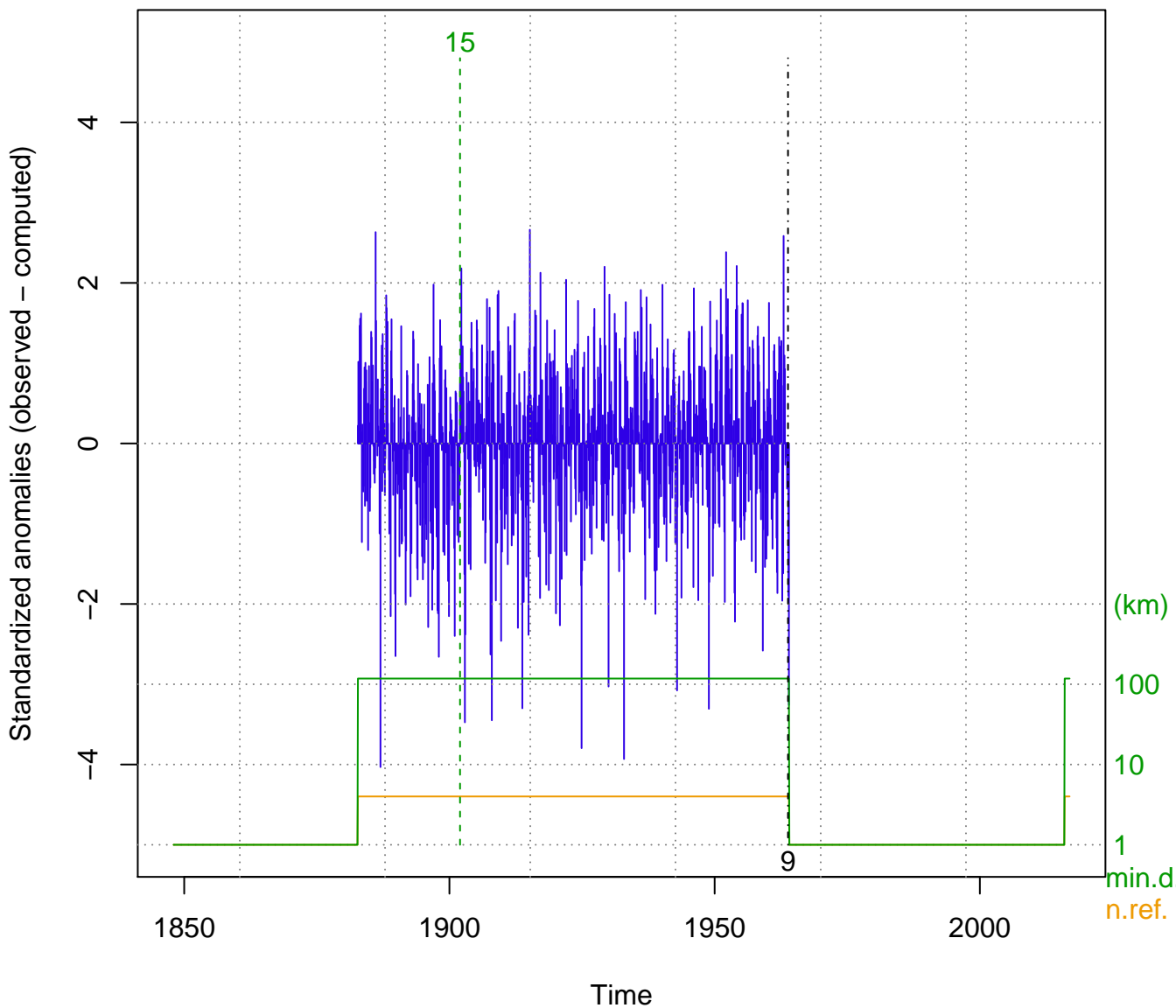
Ttest2 at warszawa−4(22), warszawa−4
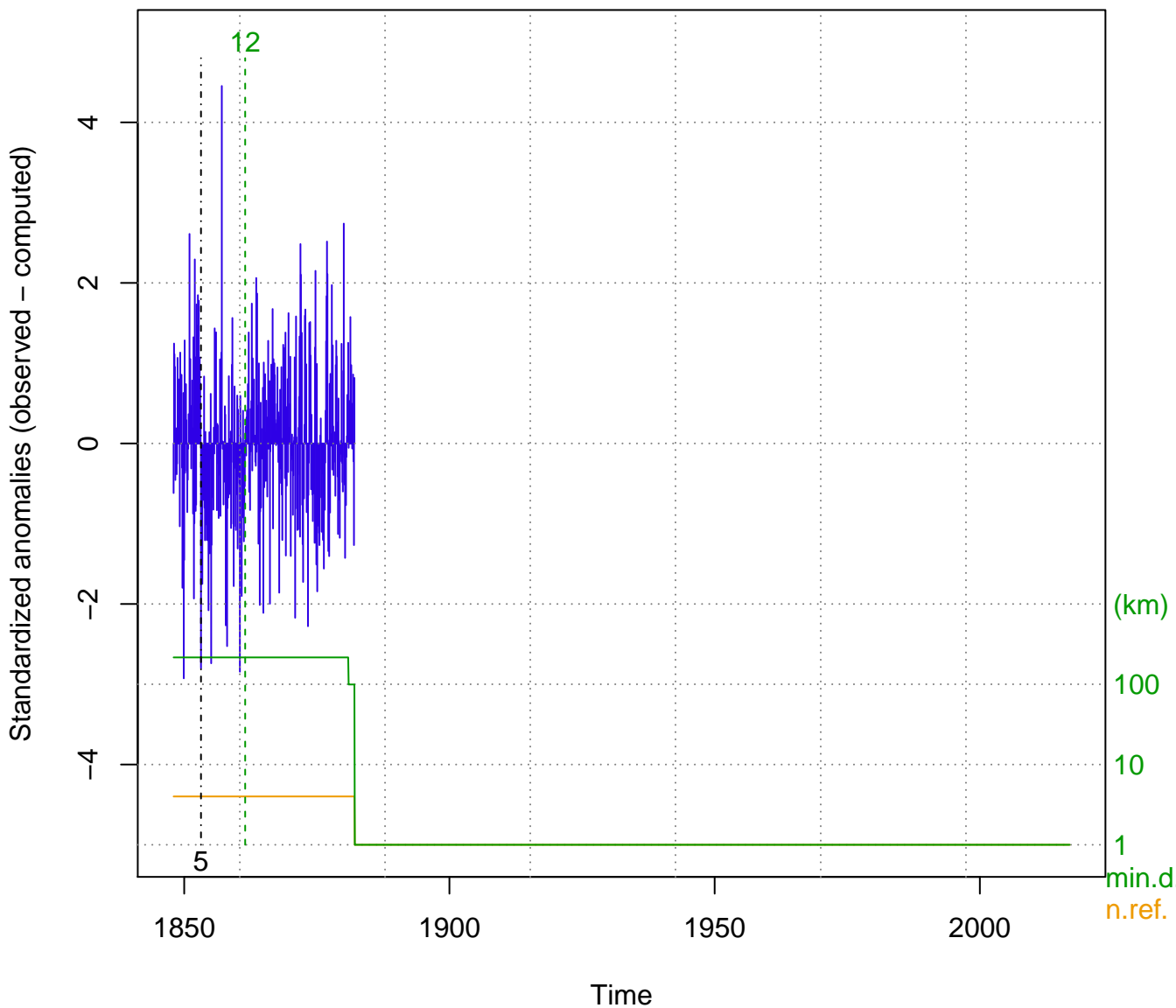
Ttest2 at praga(4), praga
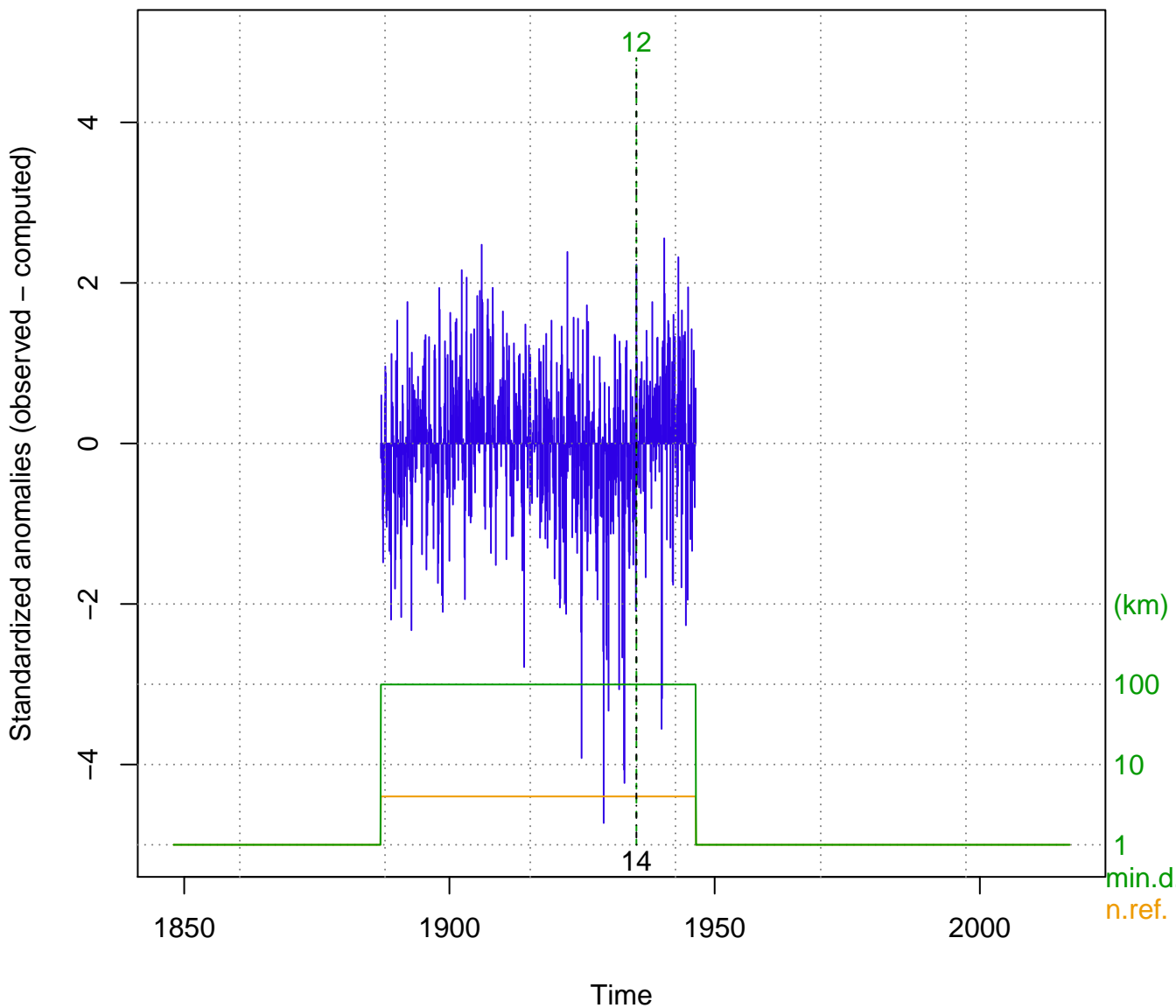
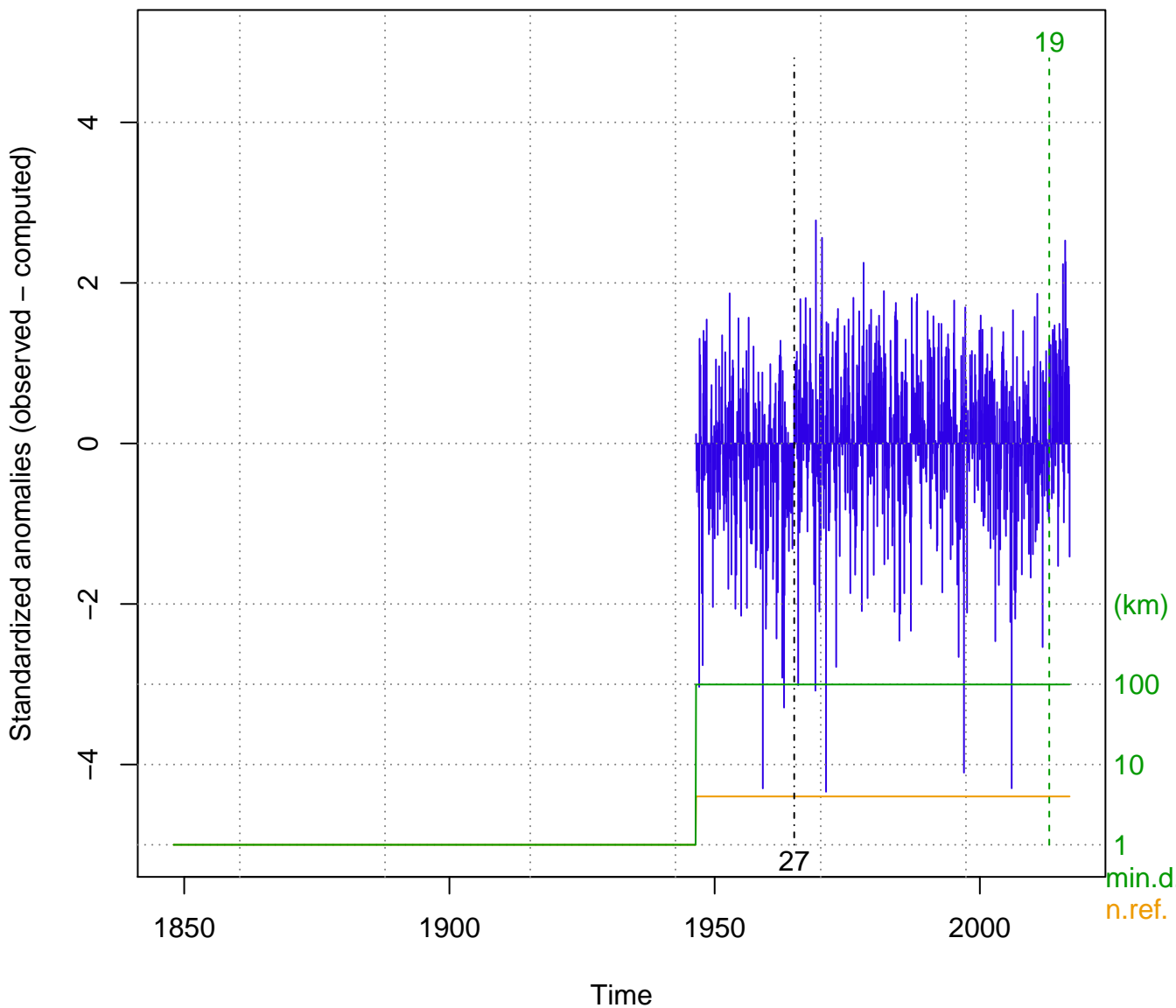Ttest2 at praga−2(10), praga−2

Ttest2 at praga−3(17), praga−3

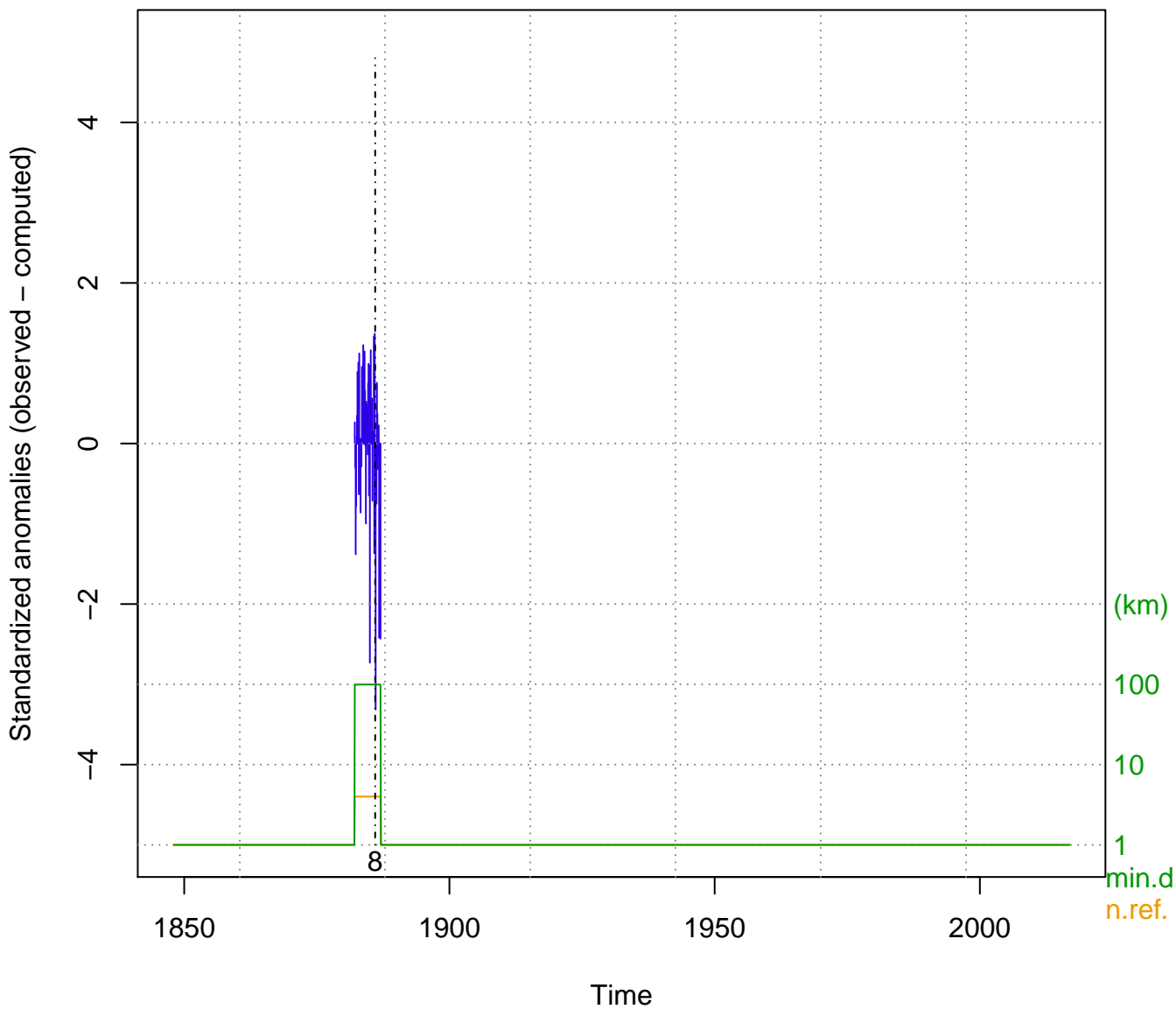**Ttest2 at wroclaw(5), wroclaw**

Ttest2 at wroclaw−2(14), wroclaw−2

Ttest2 at wroclaw−3(20), wroclaw−3

Ttest2 at wroclaw−4(21), wroclaw−4

Time

Standardized anomalies (observed − computed)
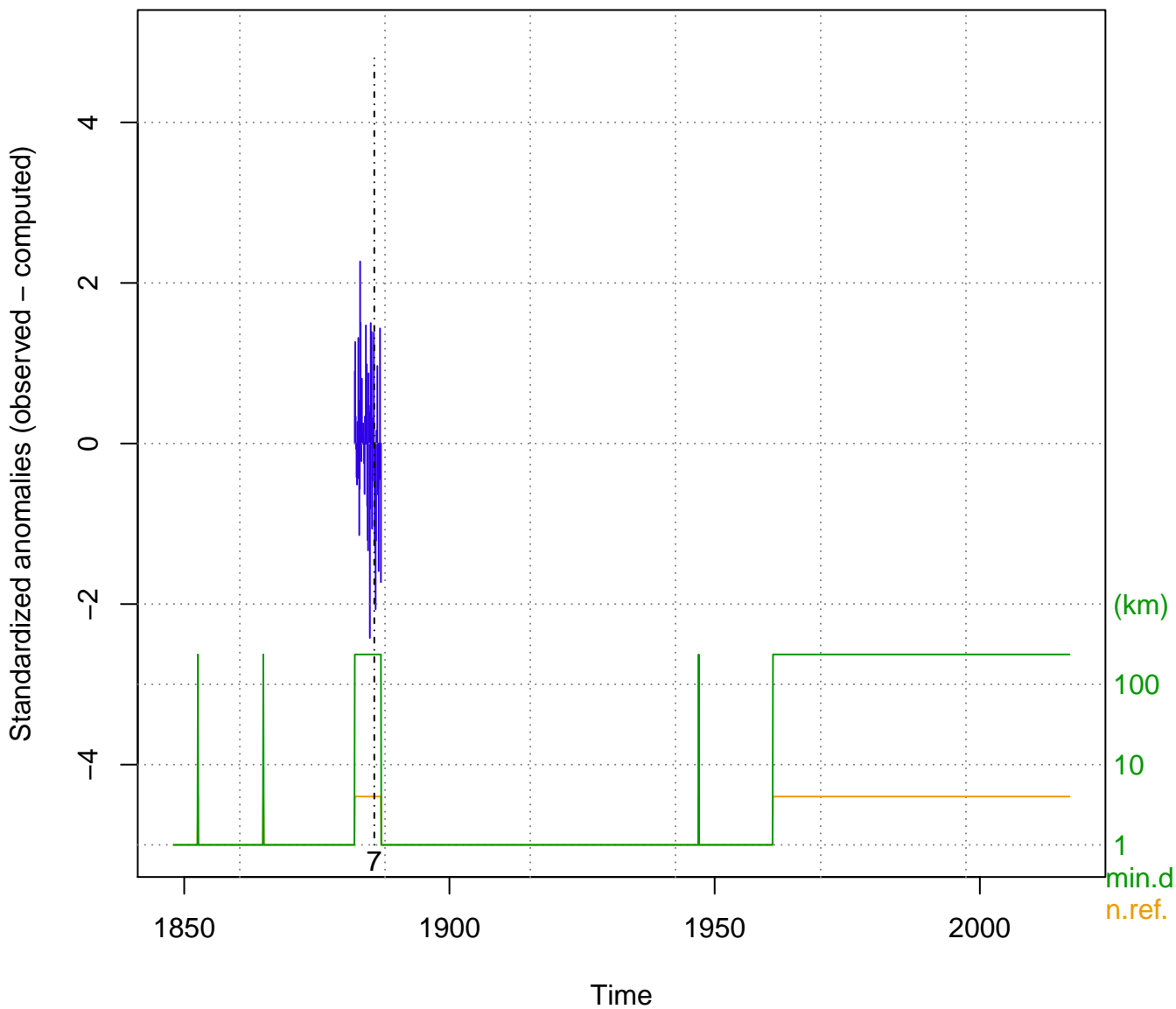
(km)

100

10

1

min.d

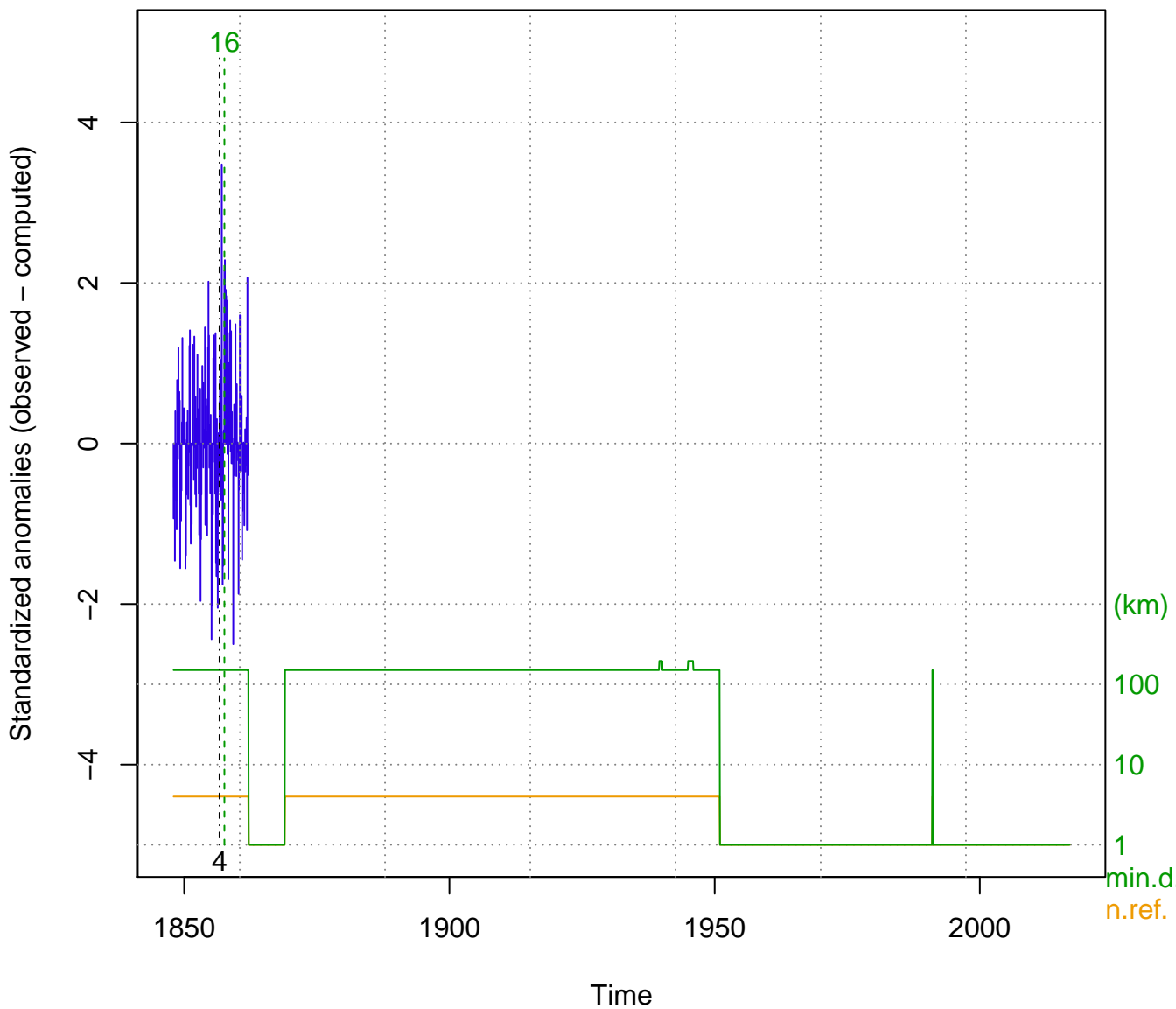n.ref.

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Ttest2 at krakow(6), krakow
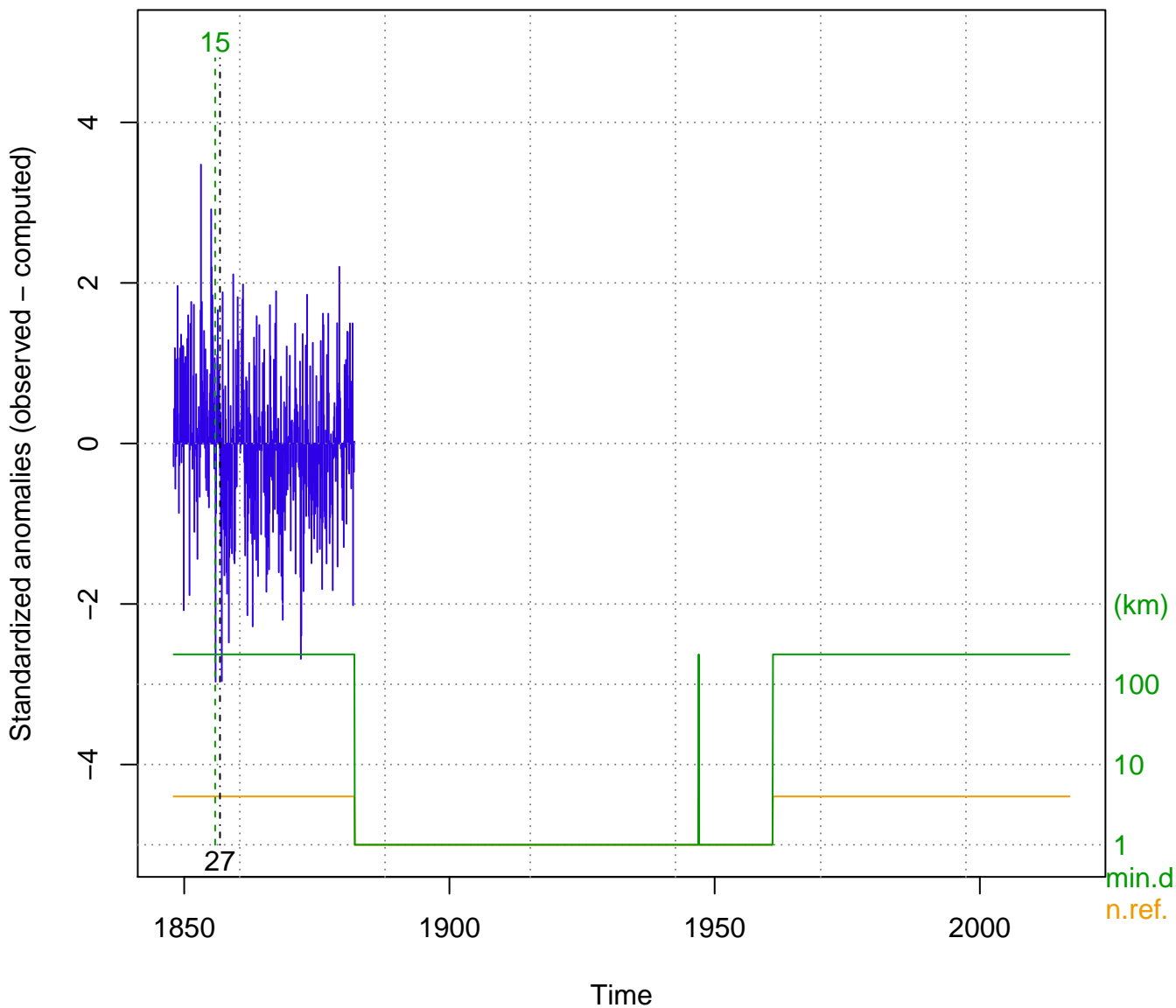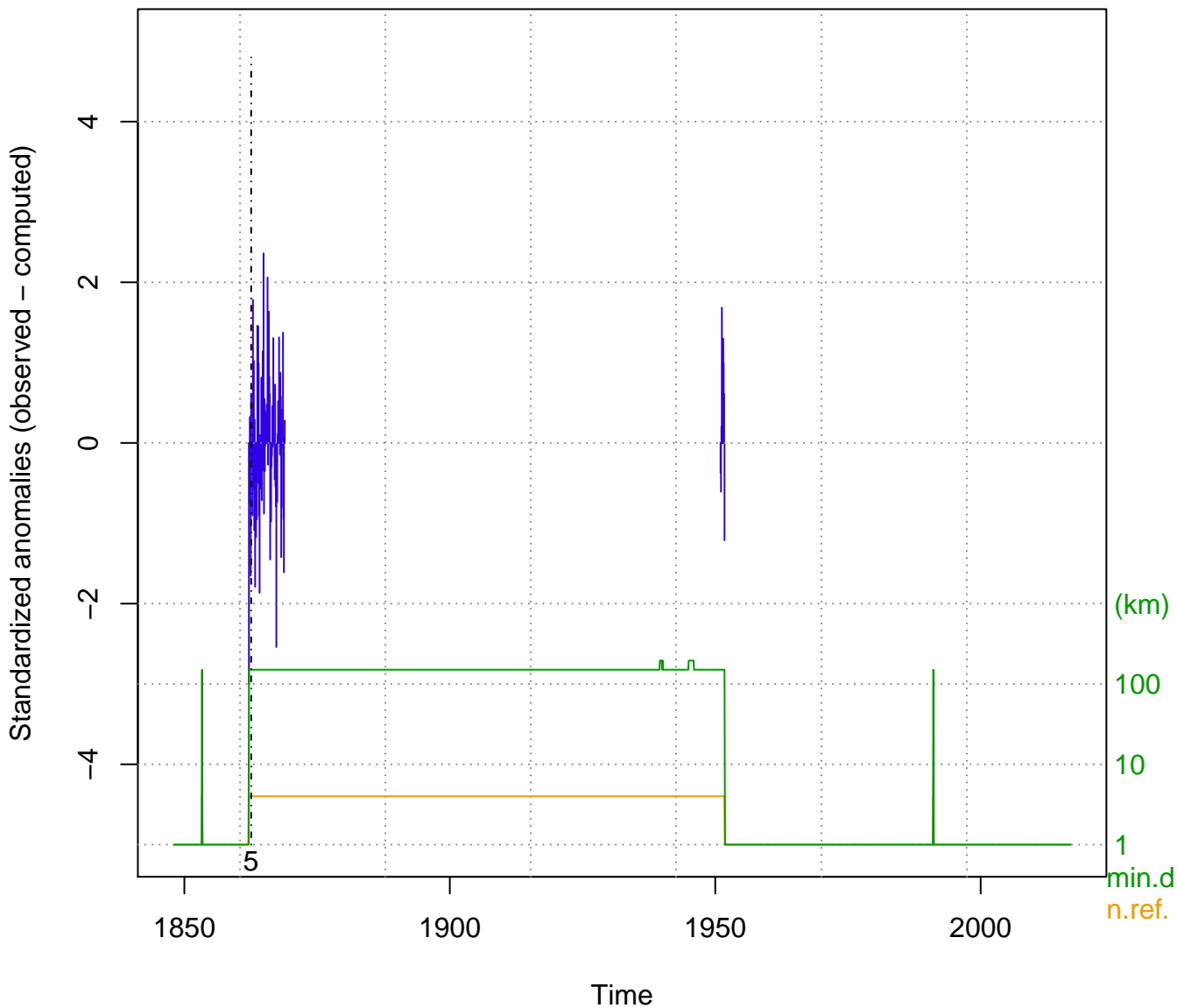
Ttest2 at krakow−2(15), krakow−2
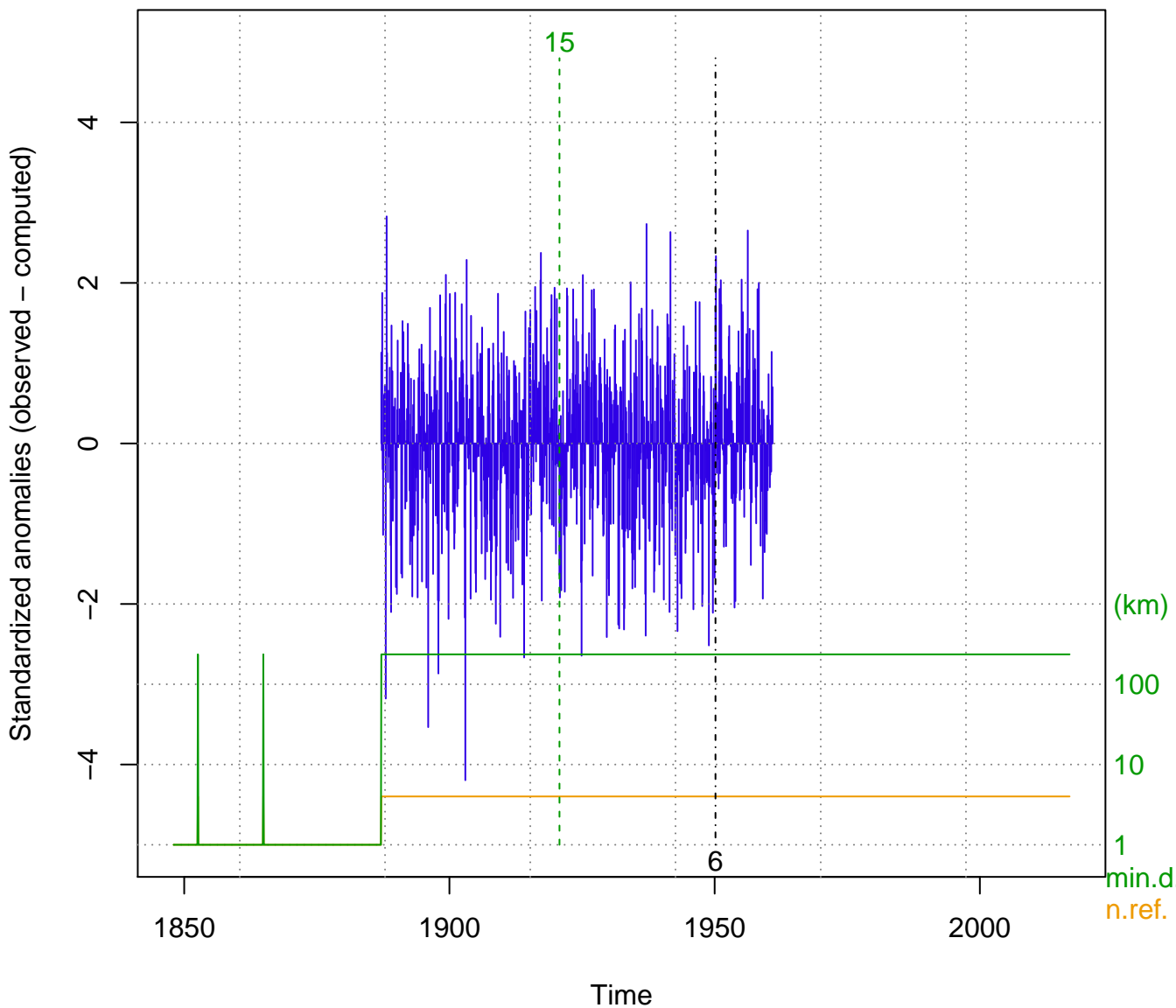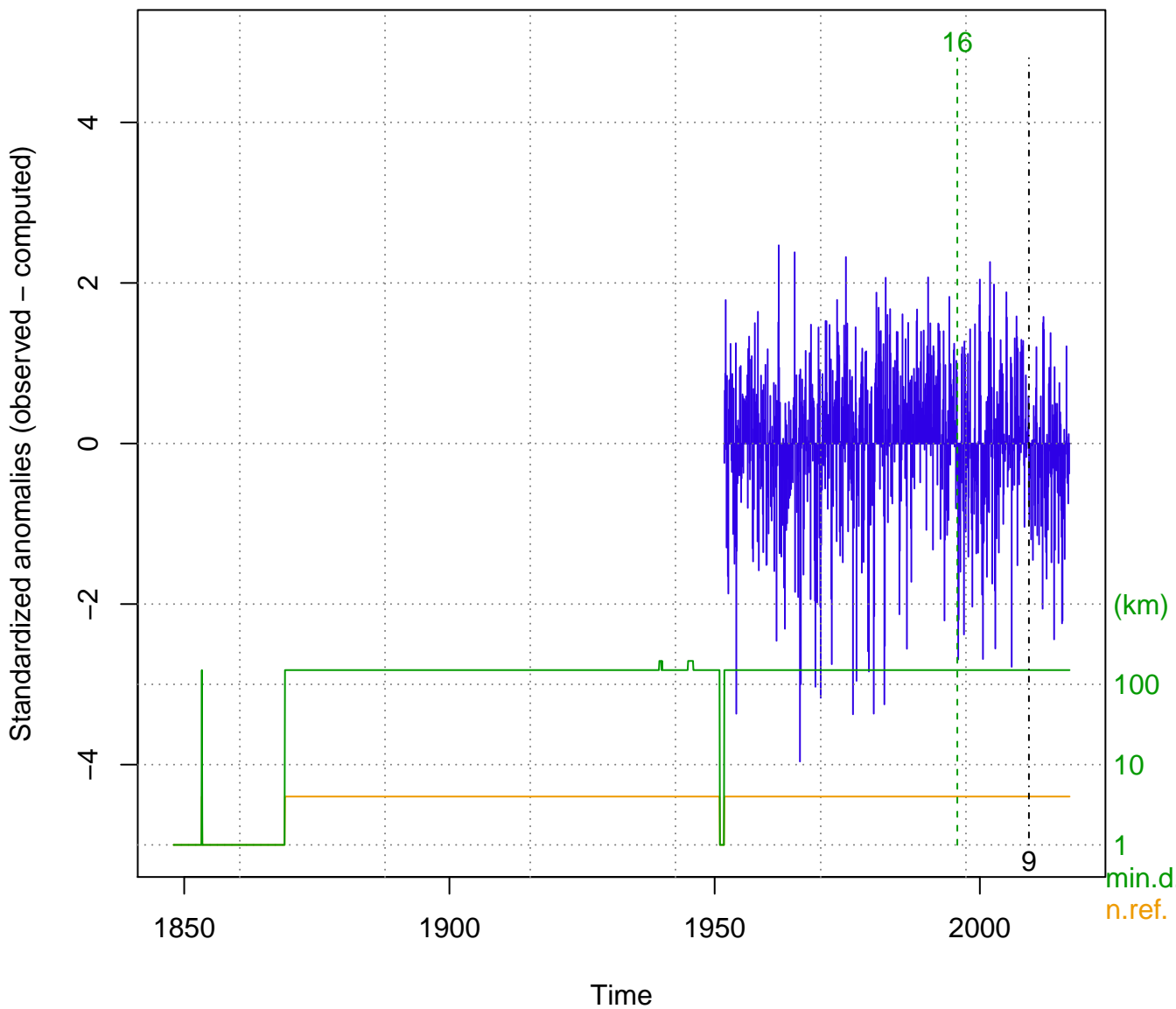
Ttest2 at krakow−3(23), krakow−3
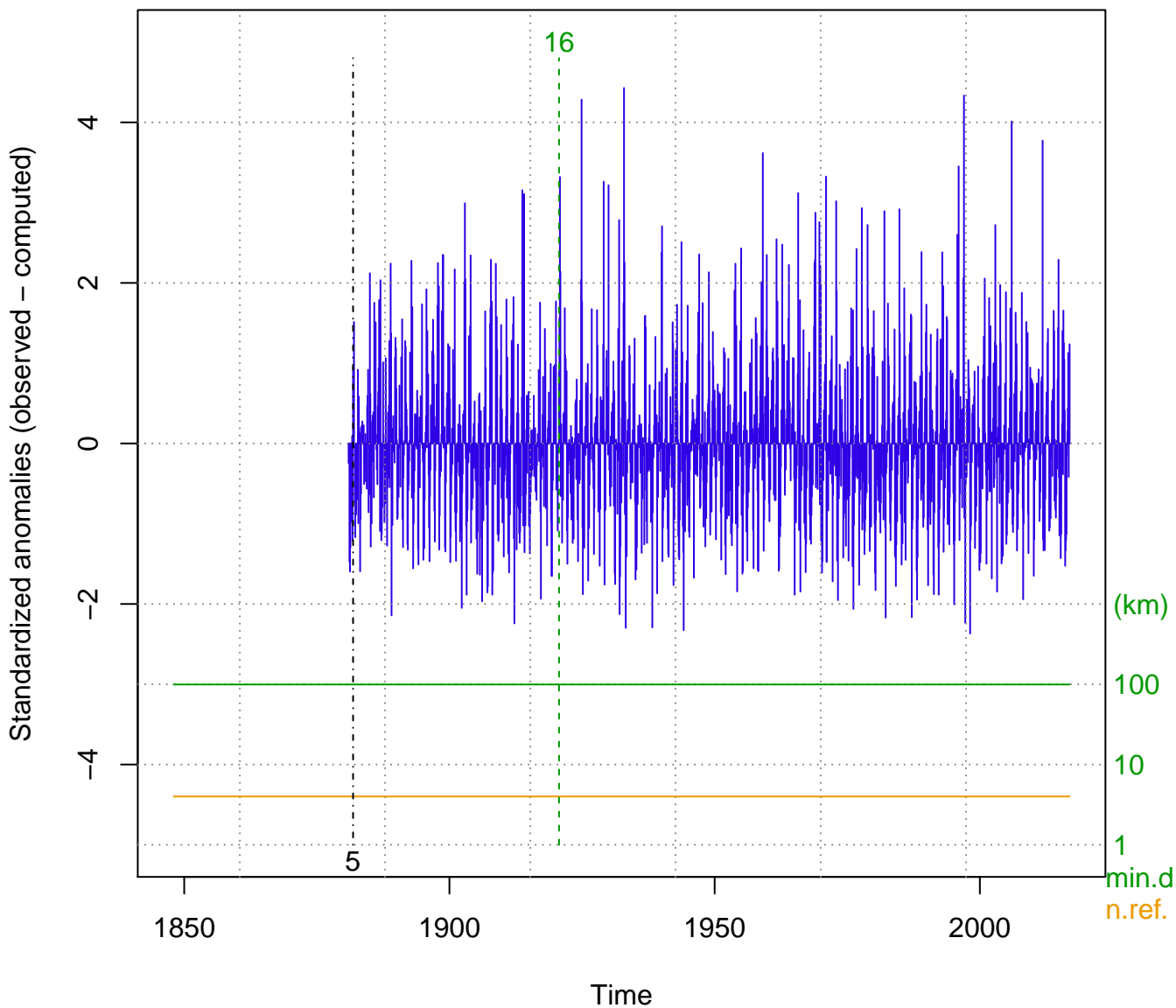
Ttest2 at szczecin(7), szczecin

Ttest2 at szczecin−2(11), szczecin−2
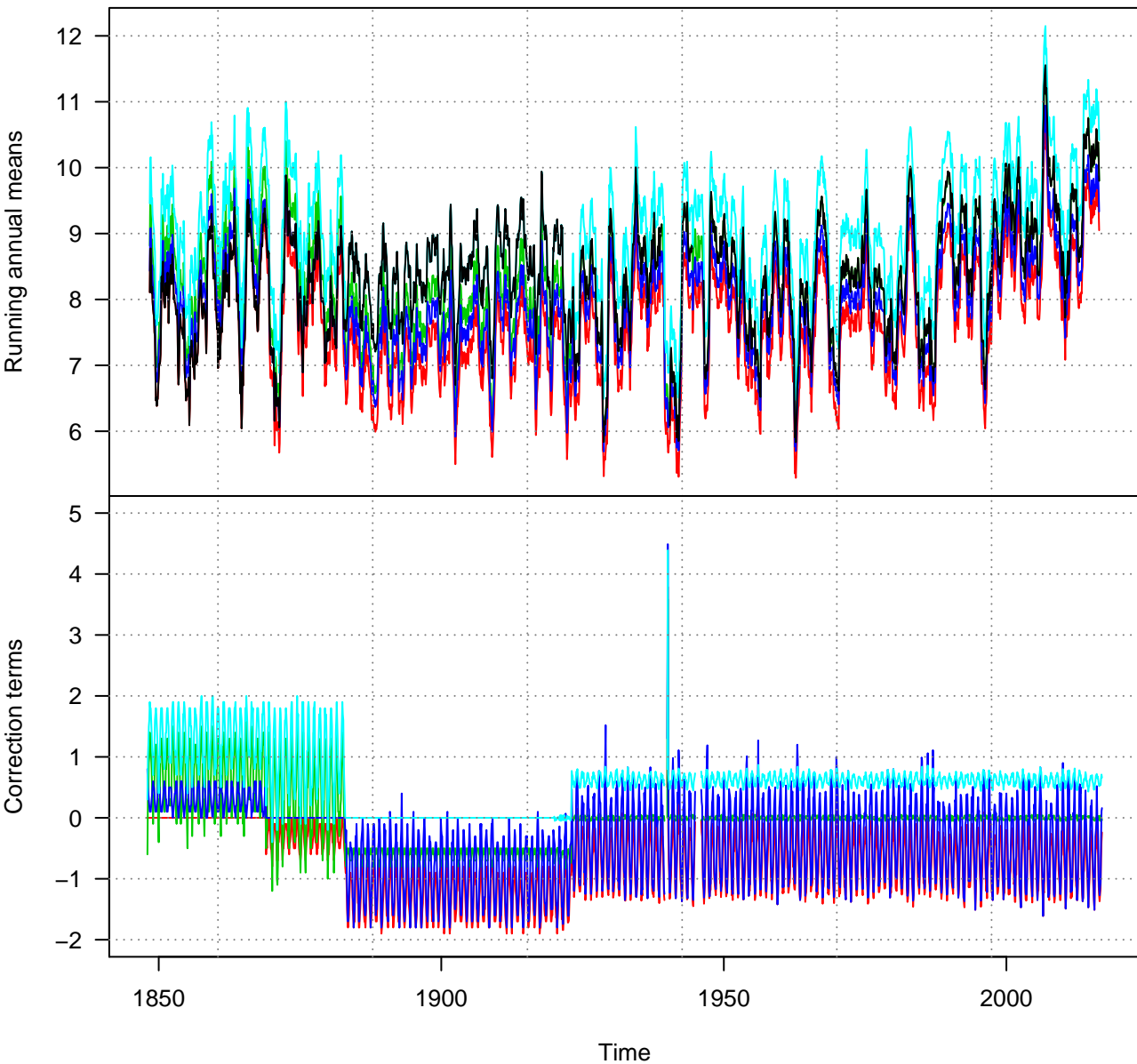
Ttest2 at szczecin−3(19), szczecin−3
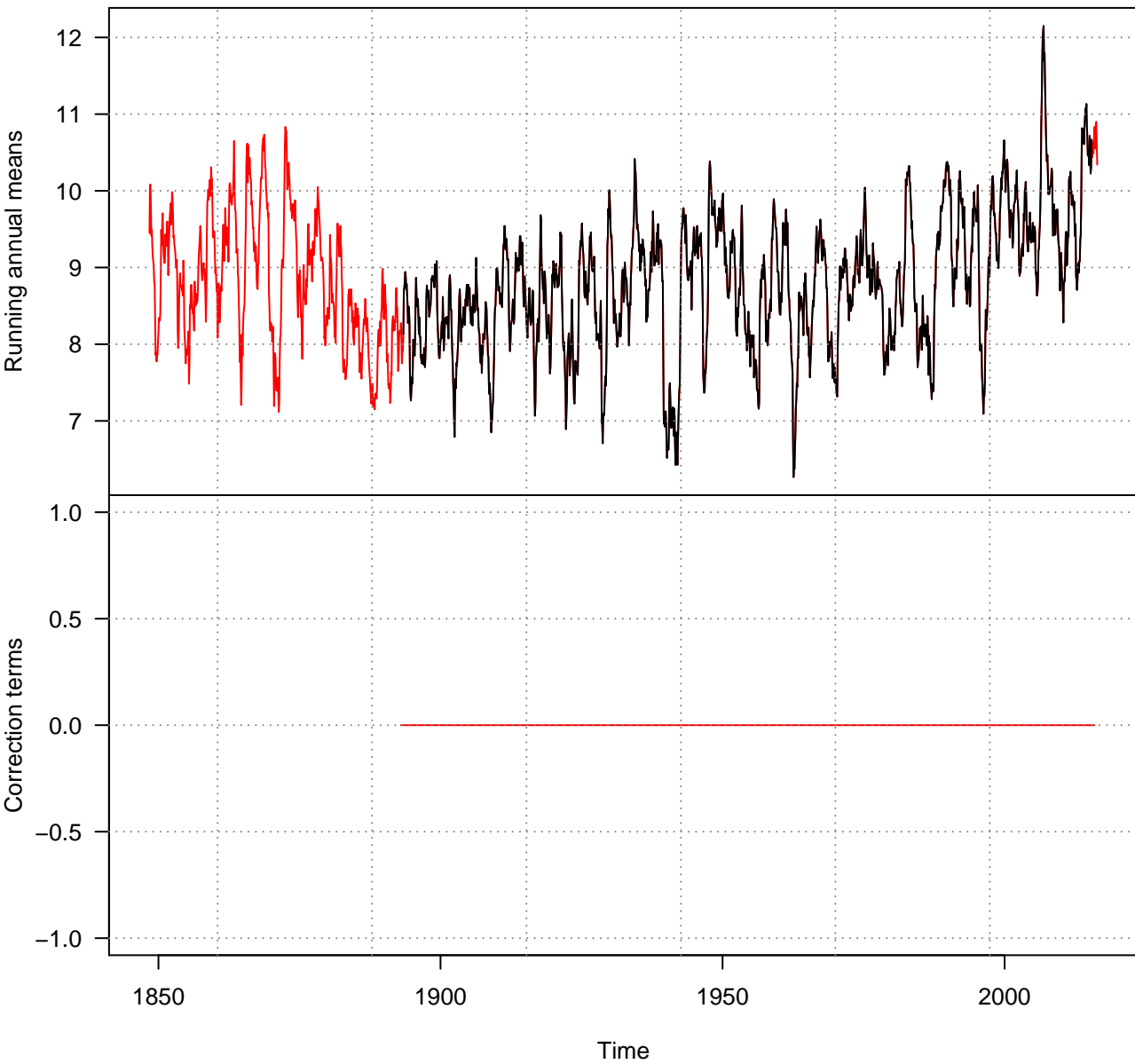
Ttest2 at sniezka(8), sniezka

Final graphics

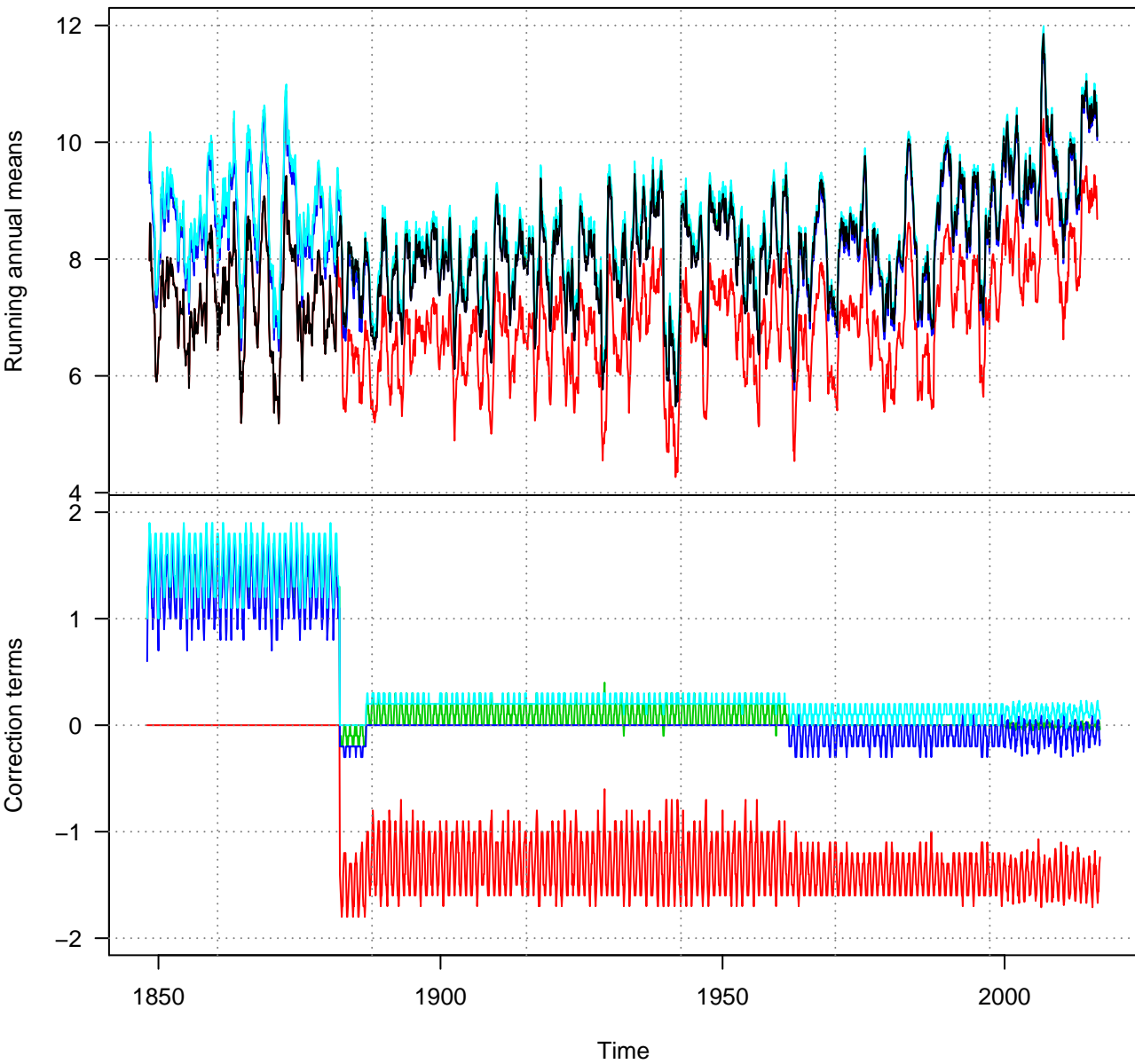Adjusted series and
applied corrections
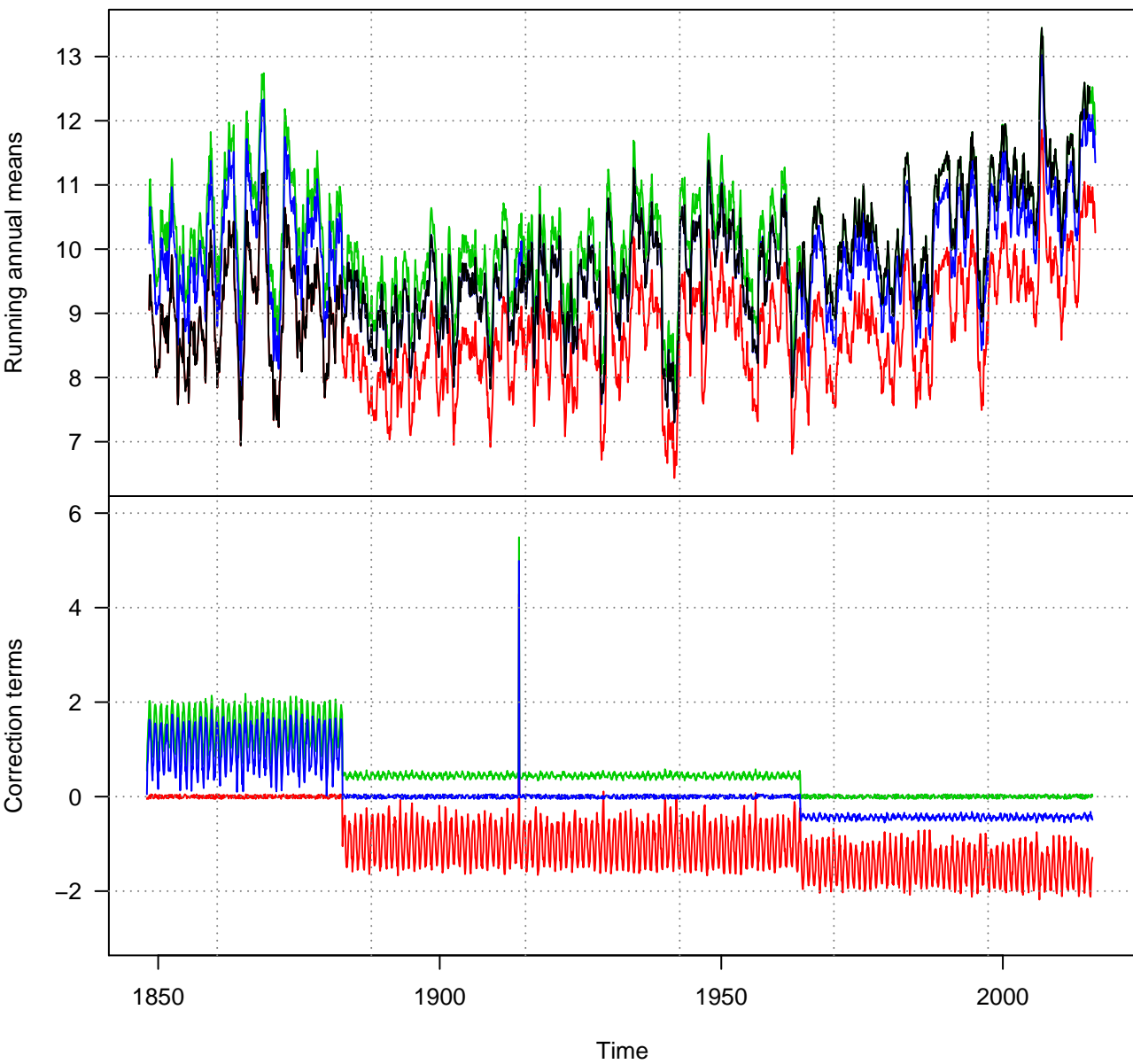
Ttest2 at poznan(1), poznan
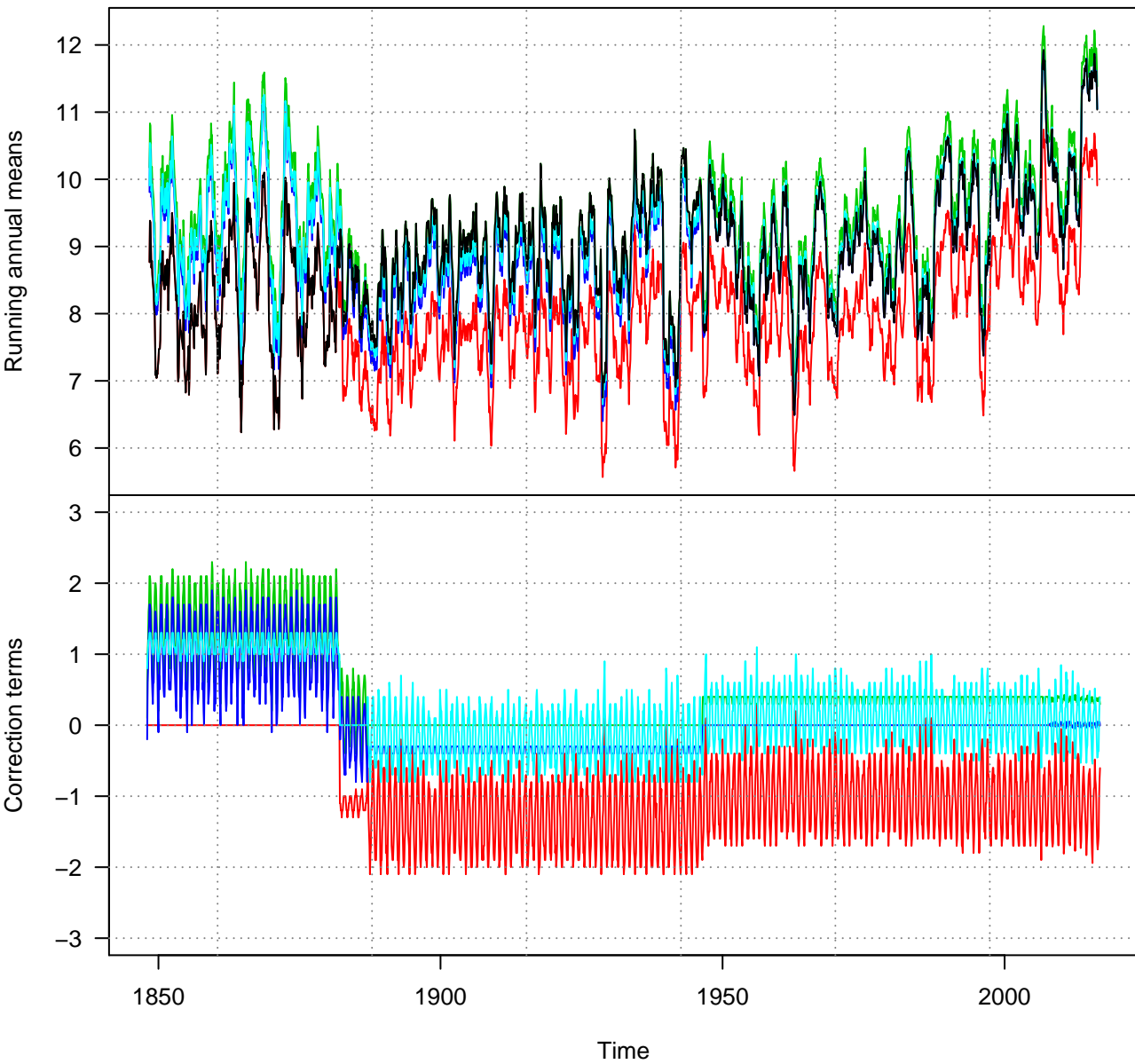
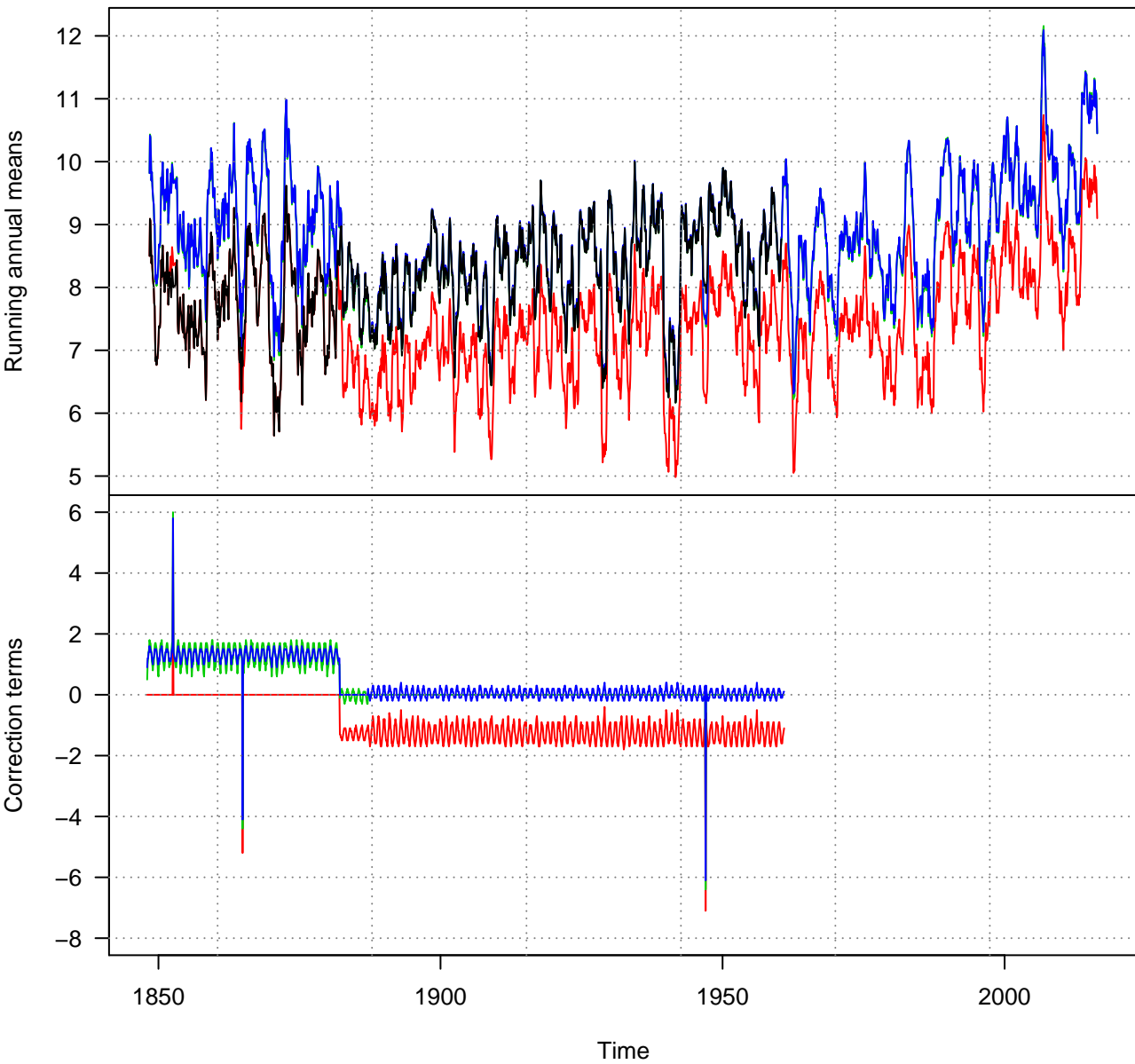**Ttest2 at poczdam(2), poczdam**

Ttest2 at warszawa(3), warszawa
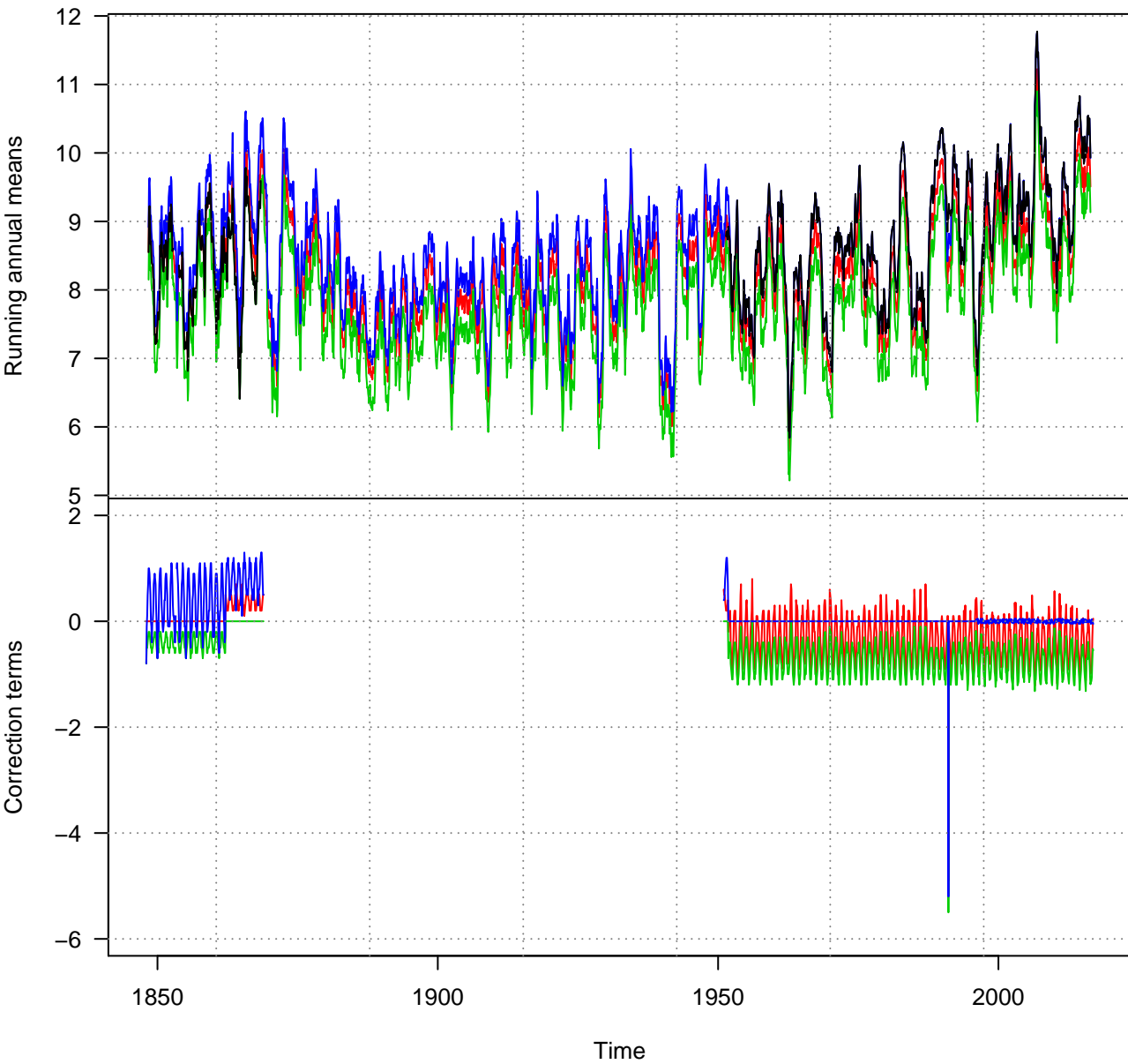
Ttest2 at praga(4), praga
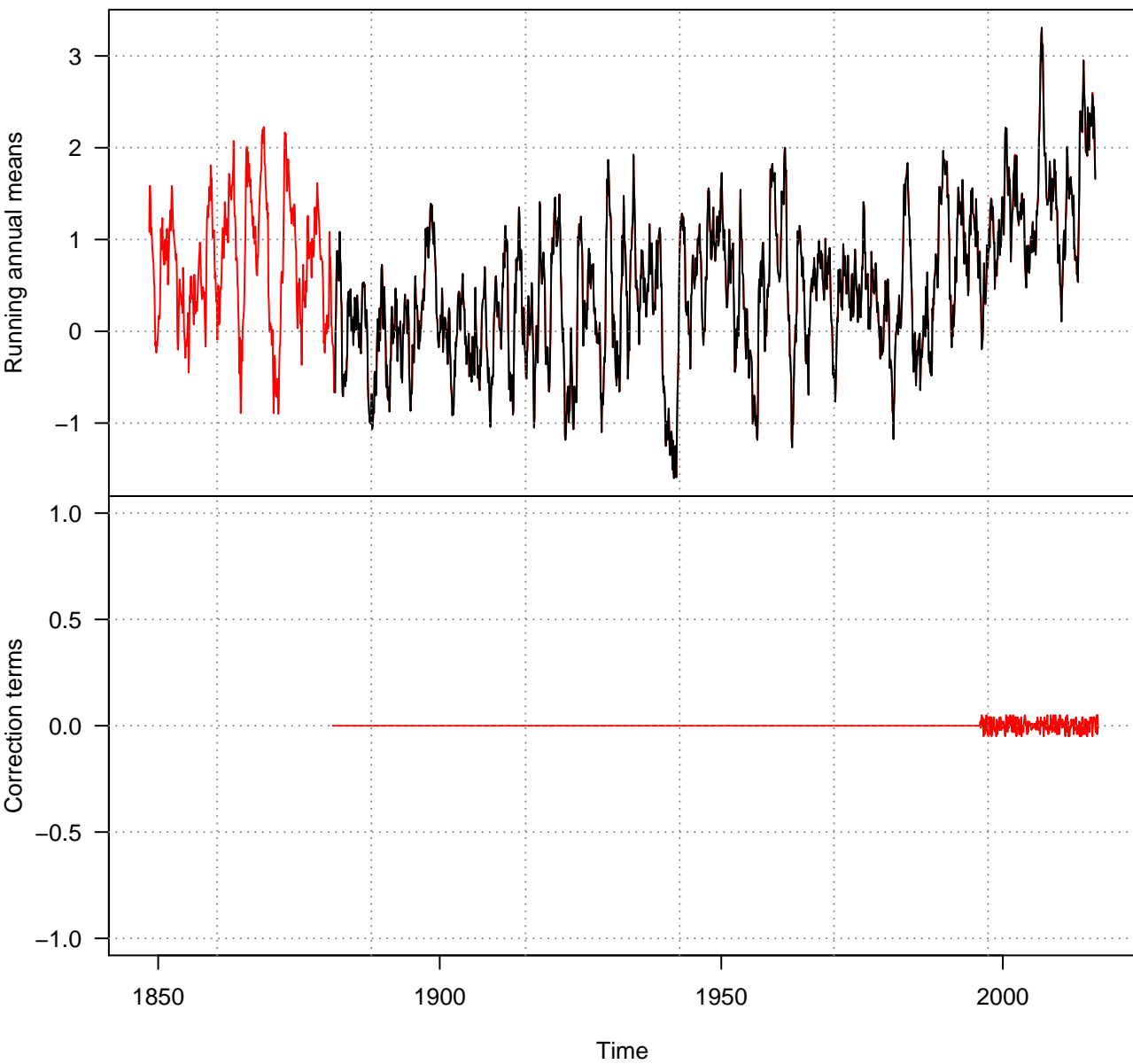
Ttest2 at wroclaw(5), wroclaw

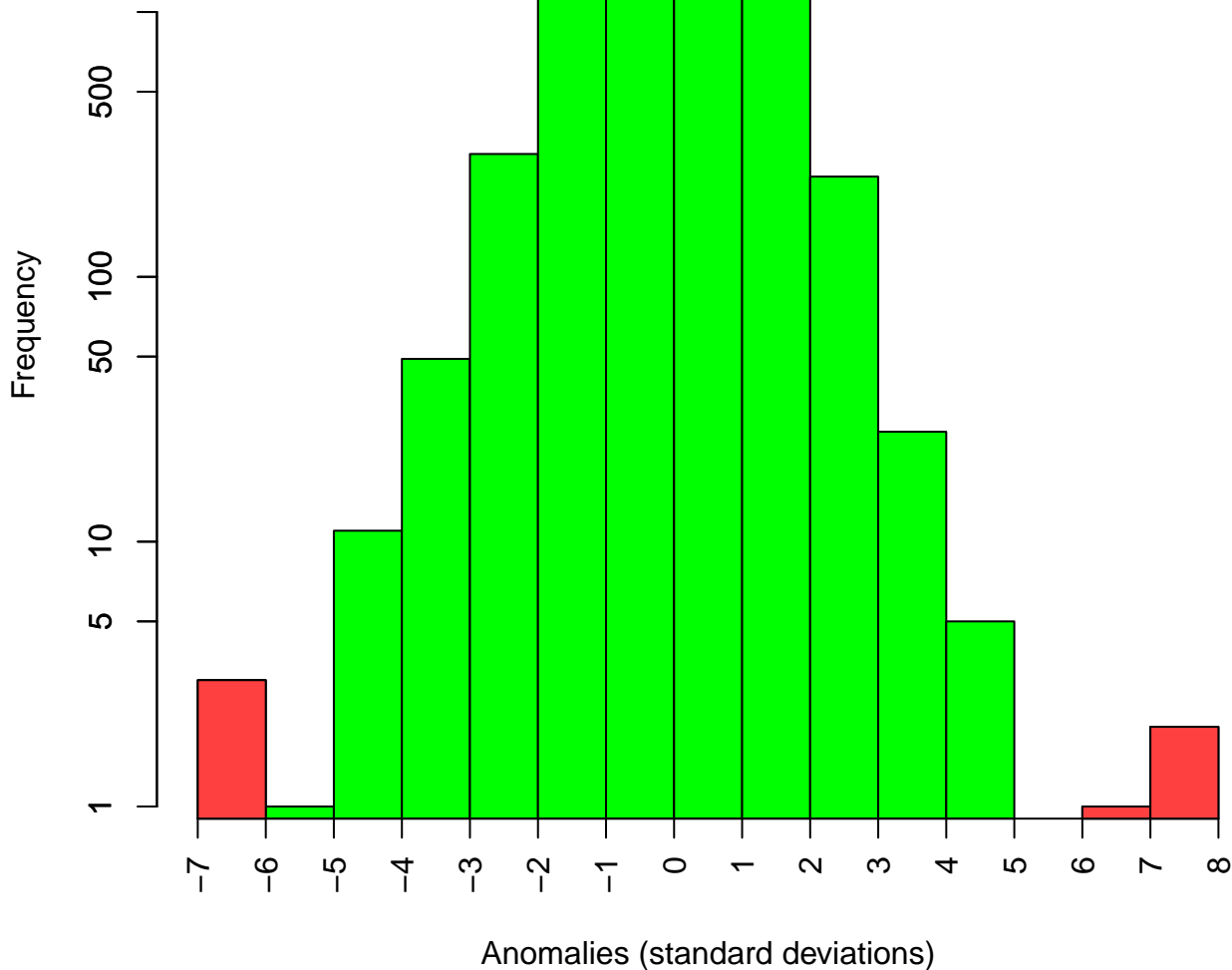**Ttest2 at krakow(6), krakow**

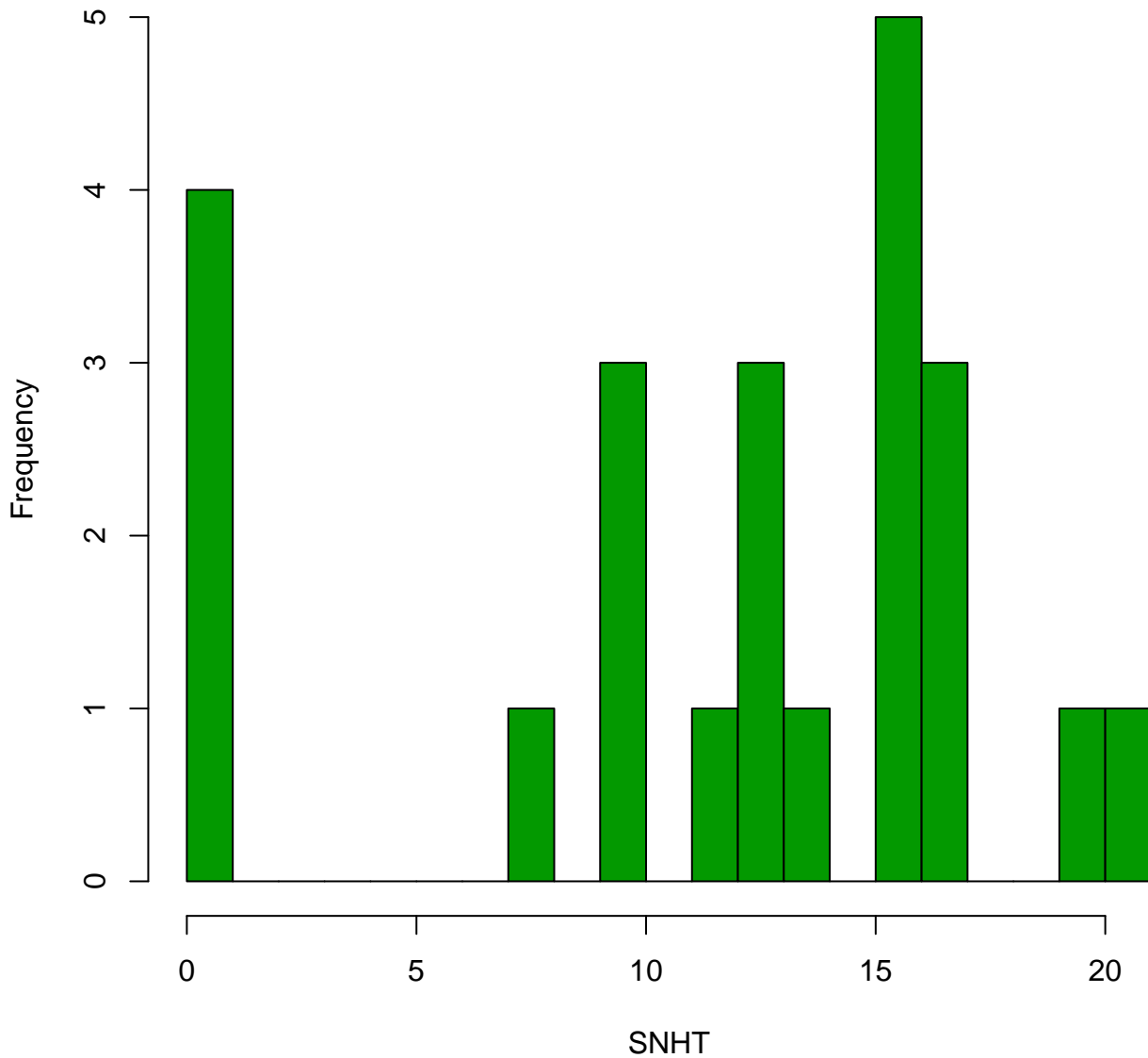**Ttest2 at szczecin(7), szczecin**

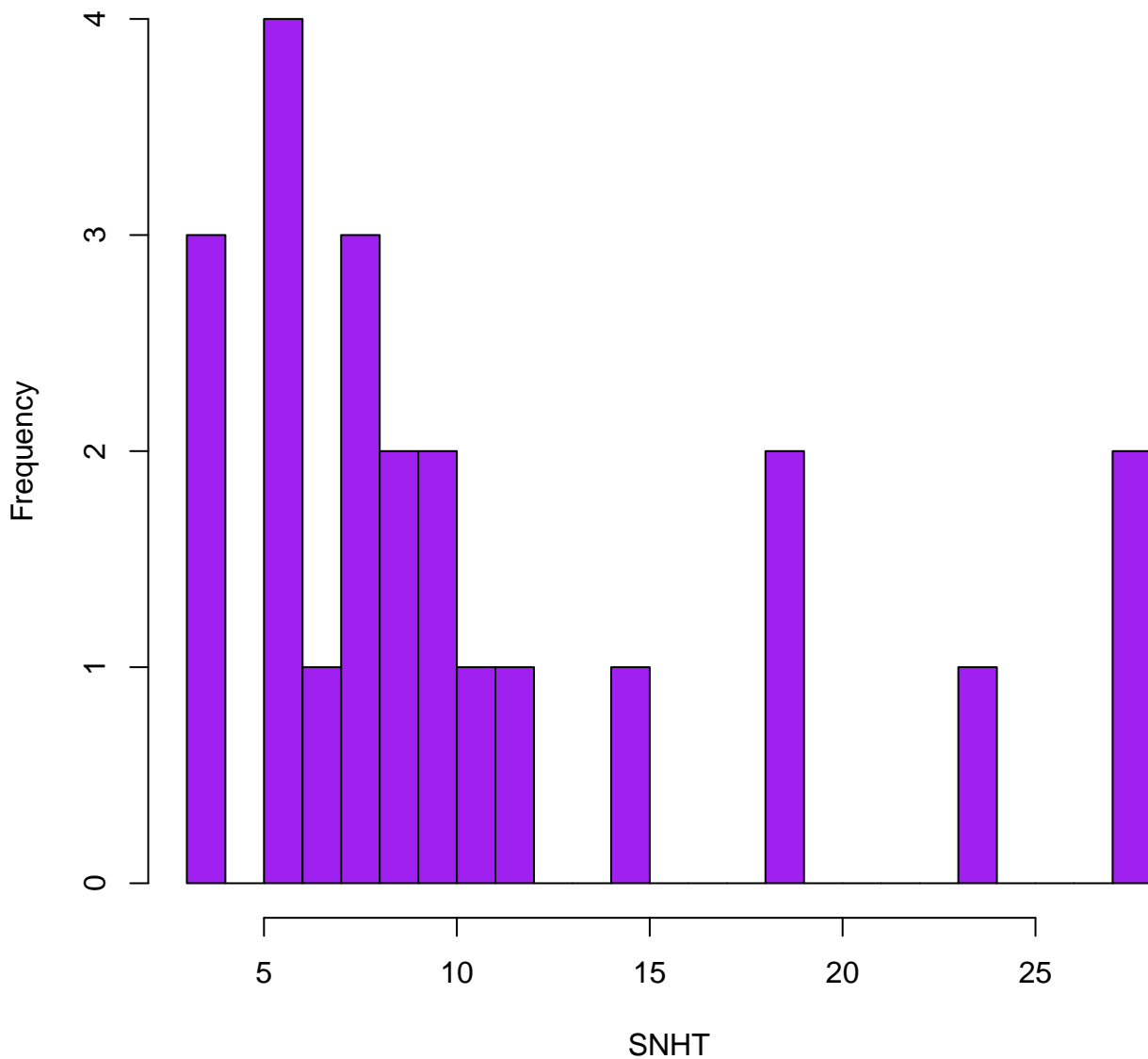**Ttest2 at sniezka(8), sniezka**

Histogram of normalized anomalies

Histogram of maximum windowed SNHT

Histogram of maximum global SNHT

Station's quality/singularity