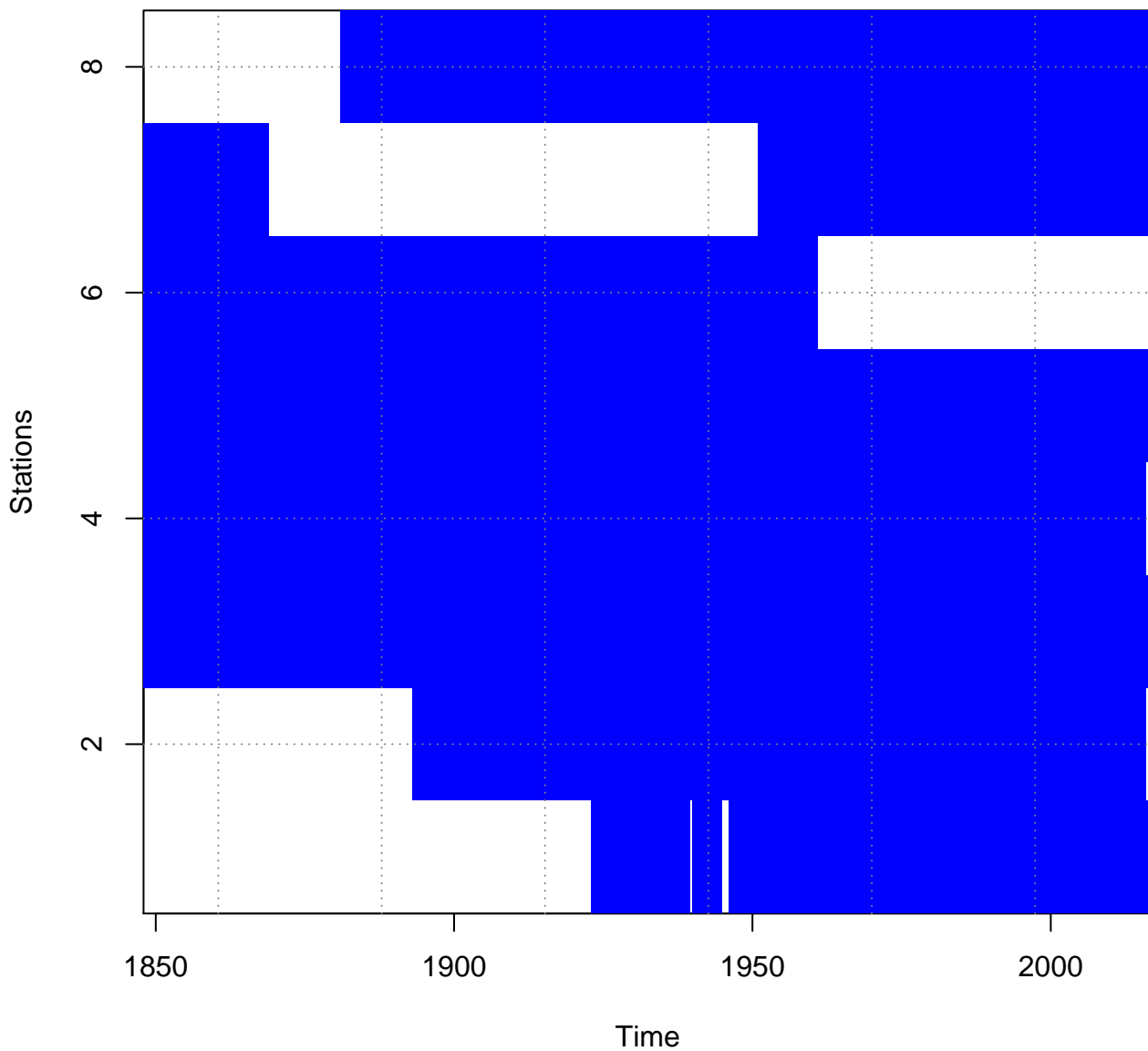


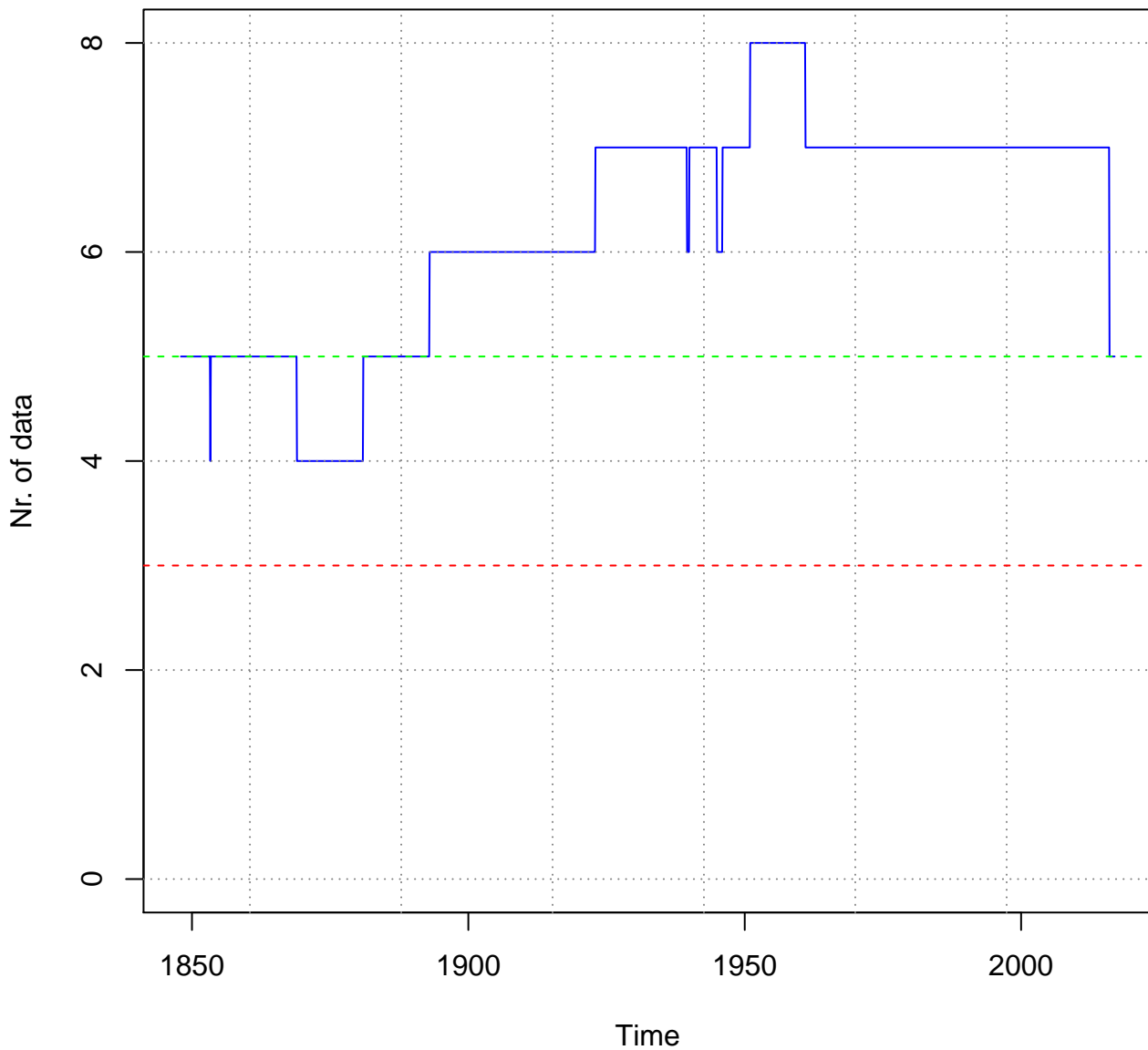
# CLIMATOL 3.0

Homogenization  
graphic output of  
Ttest2  
1848–2016

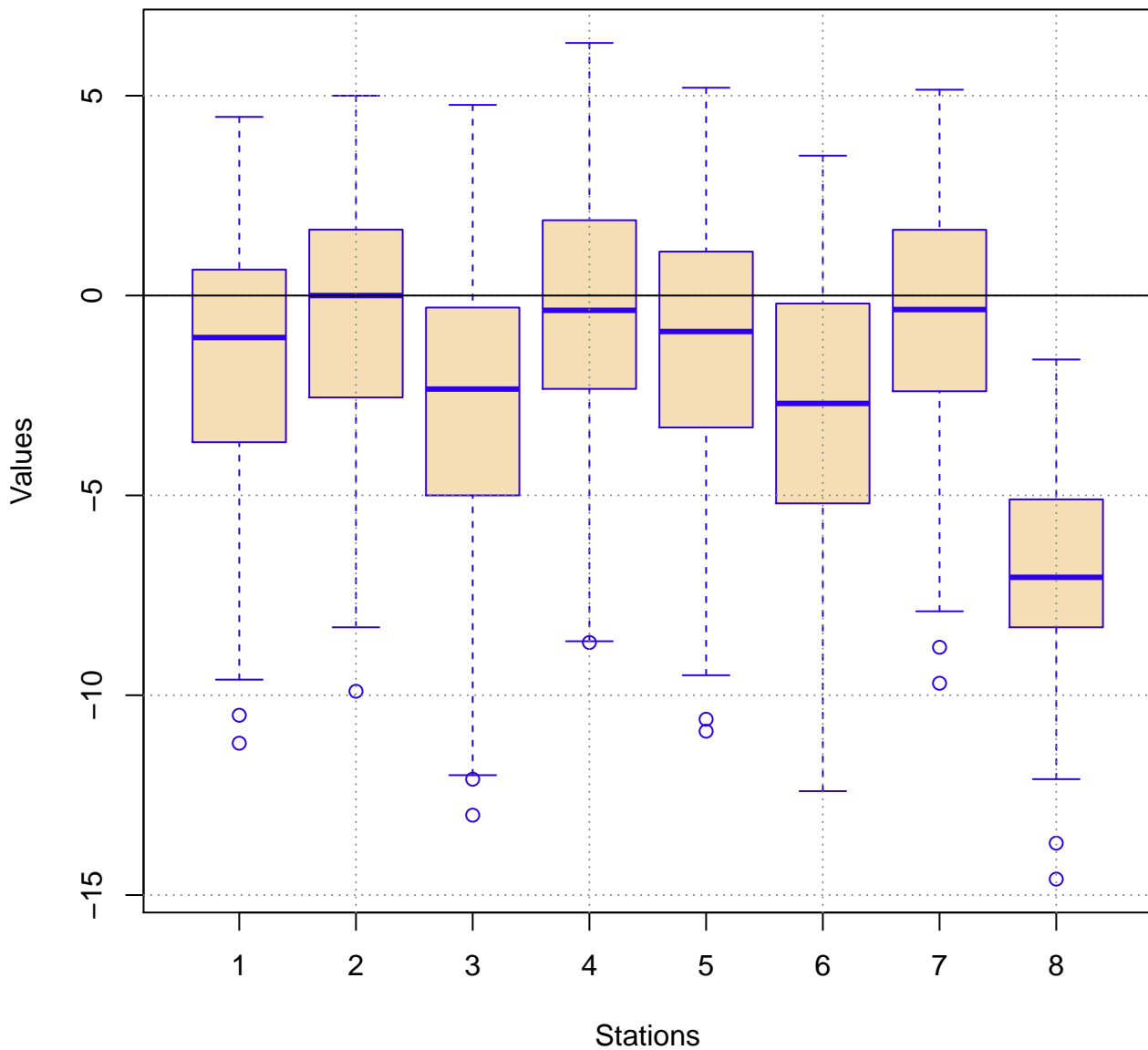
# Ttest2 data availability



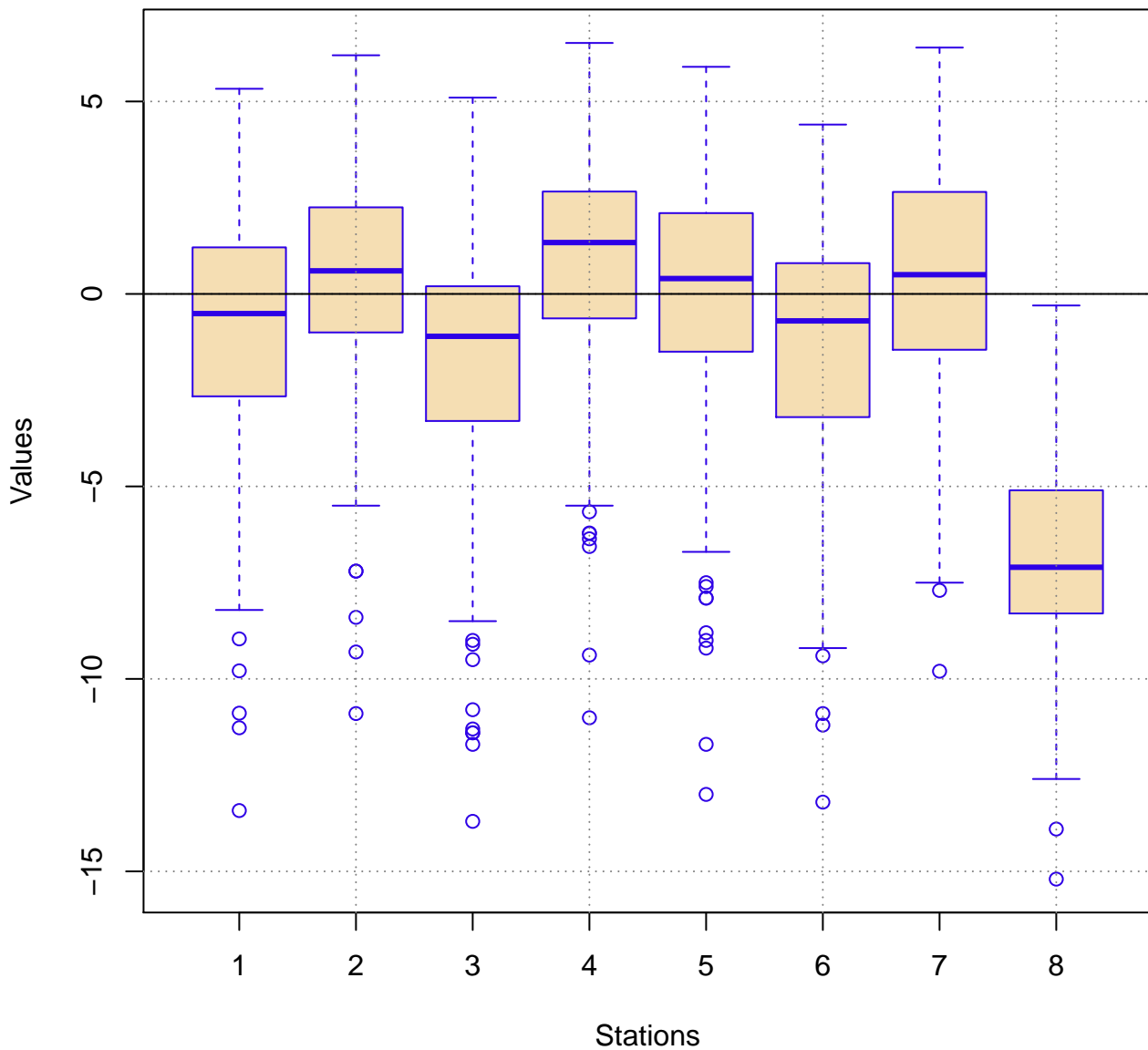
# Nr. of Ttest2 data in all stations



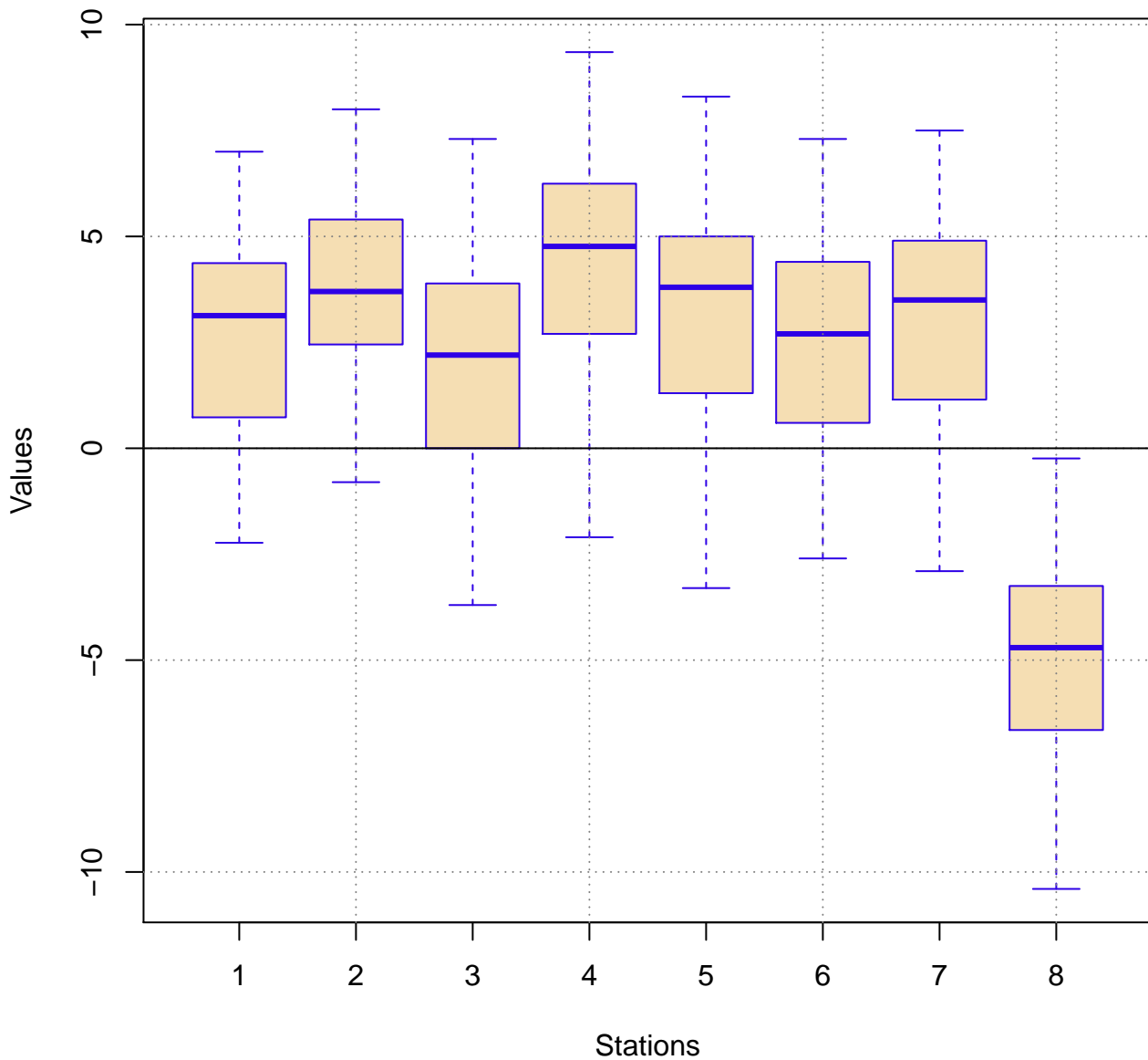
**Data values of Ttest2 (Jan)**



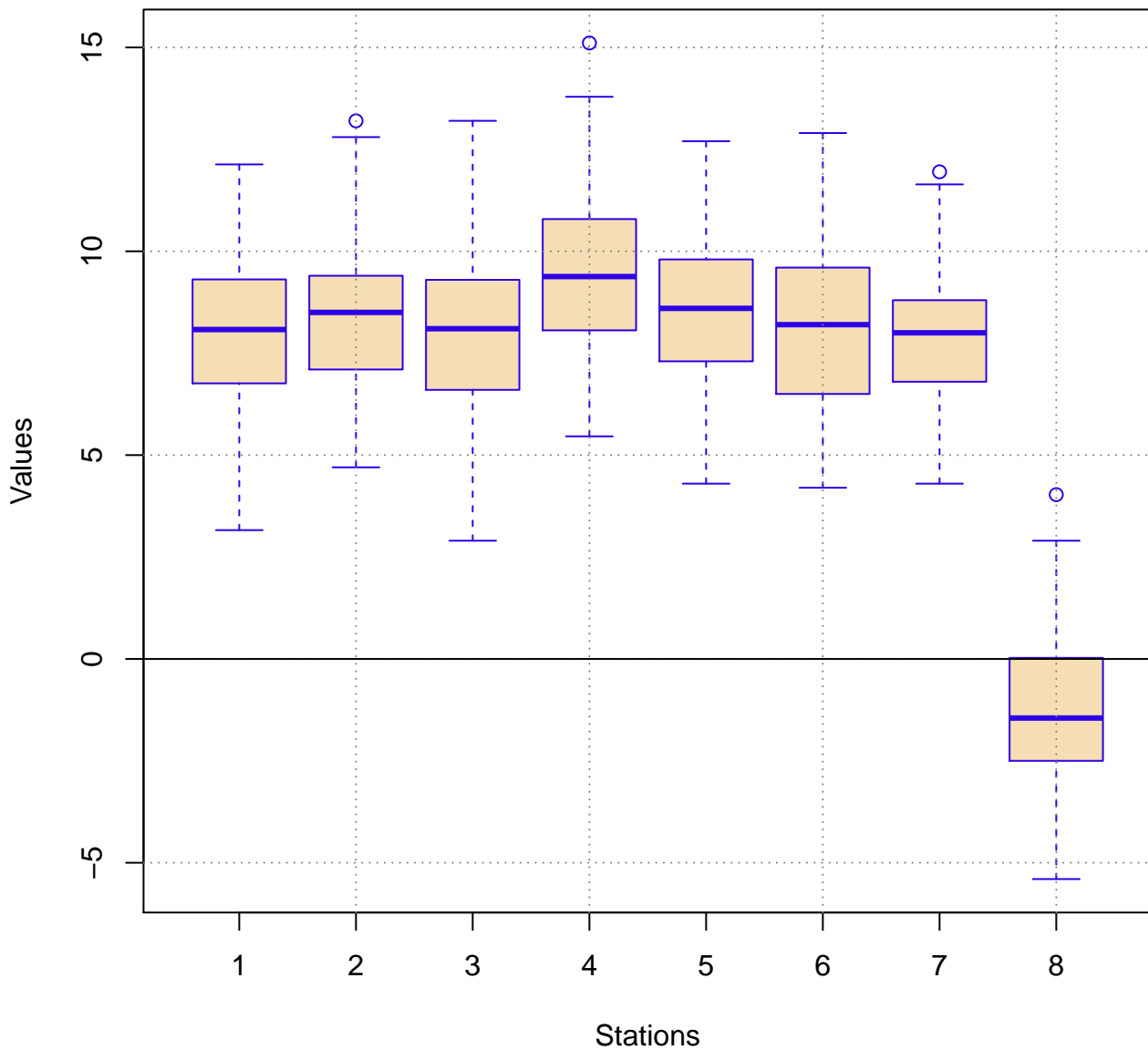
**Data values of Ttest2 (Feb)**



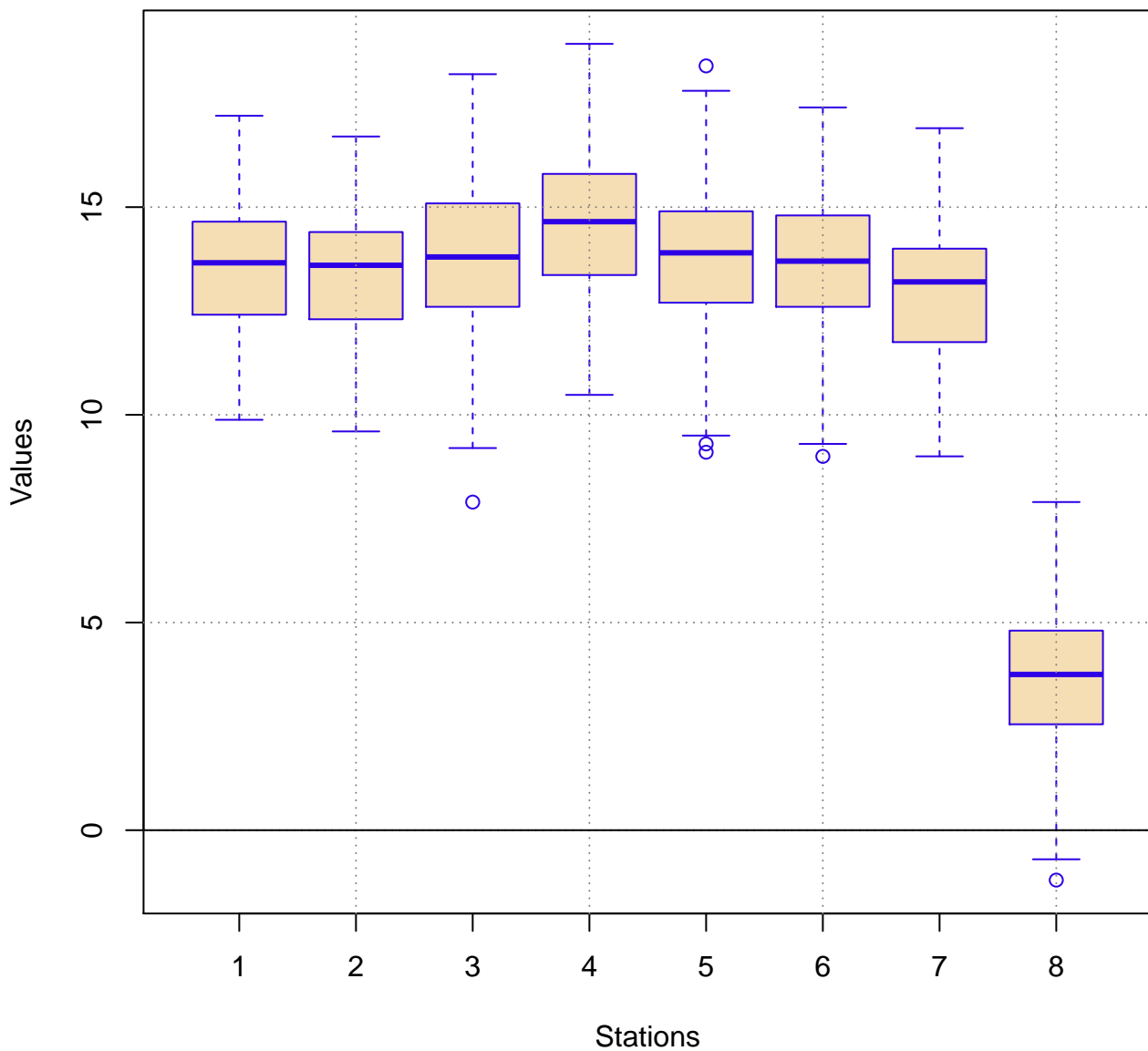
**Data values of Ttest2 (Mar)**



**Data values of Ttest2 (Apr)**

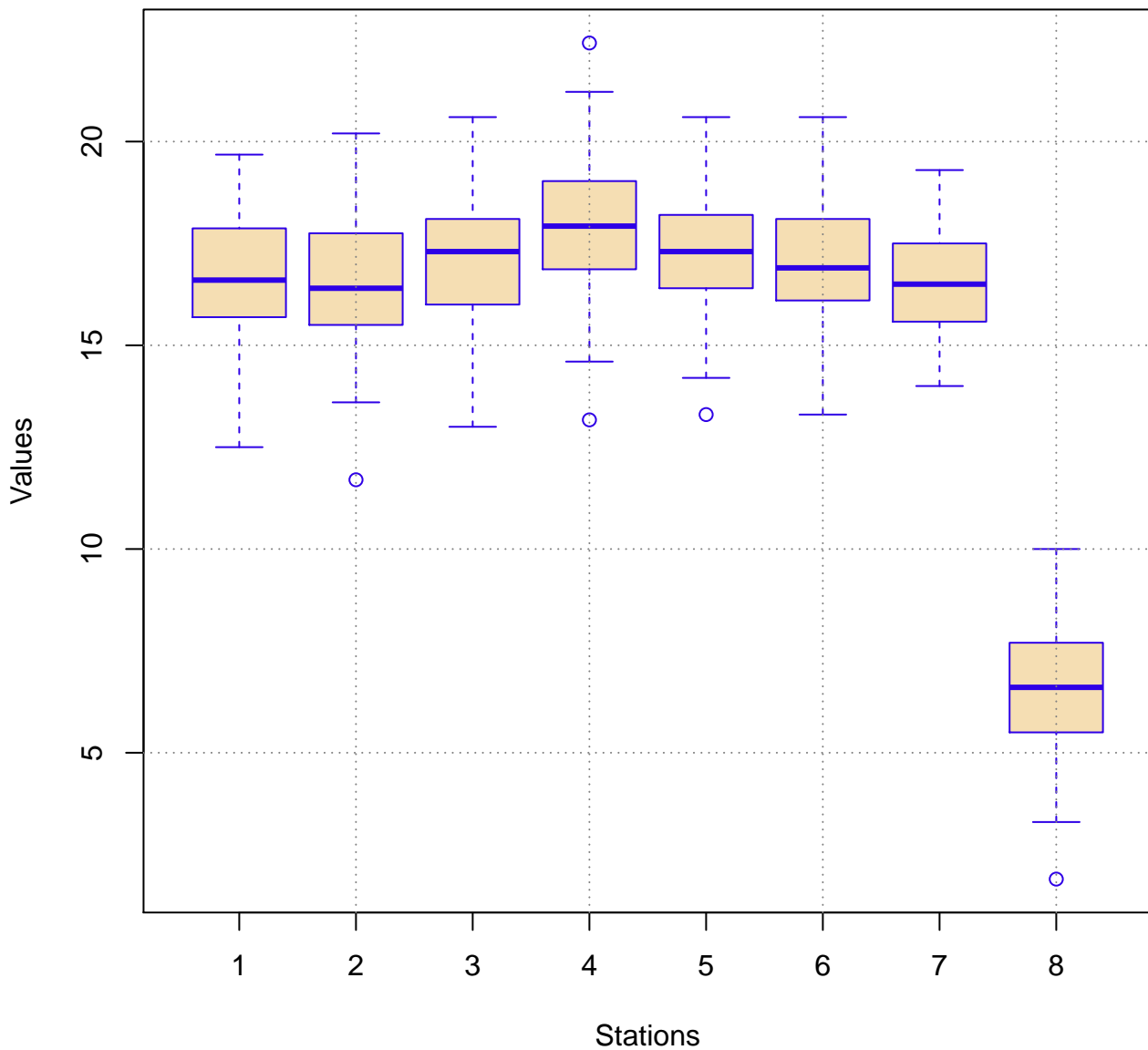


**Data values of Ttest2 (May)**

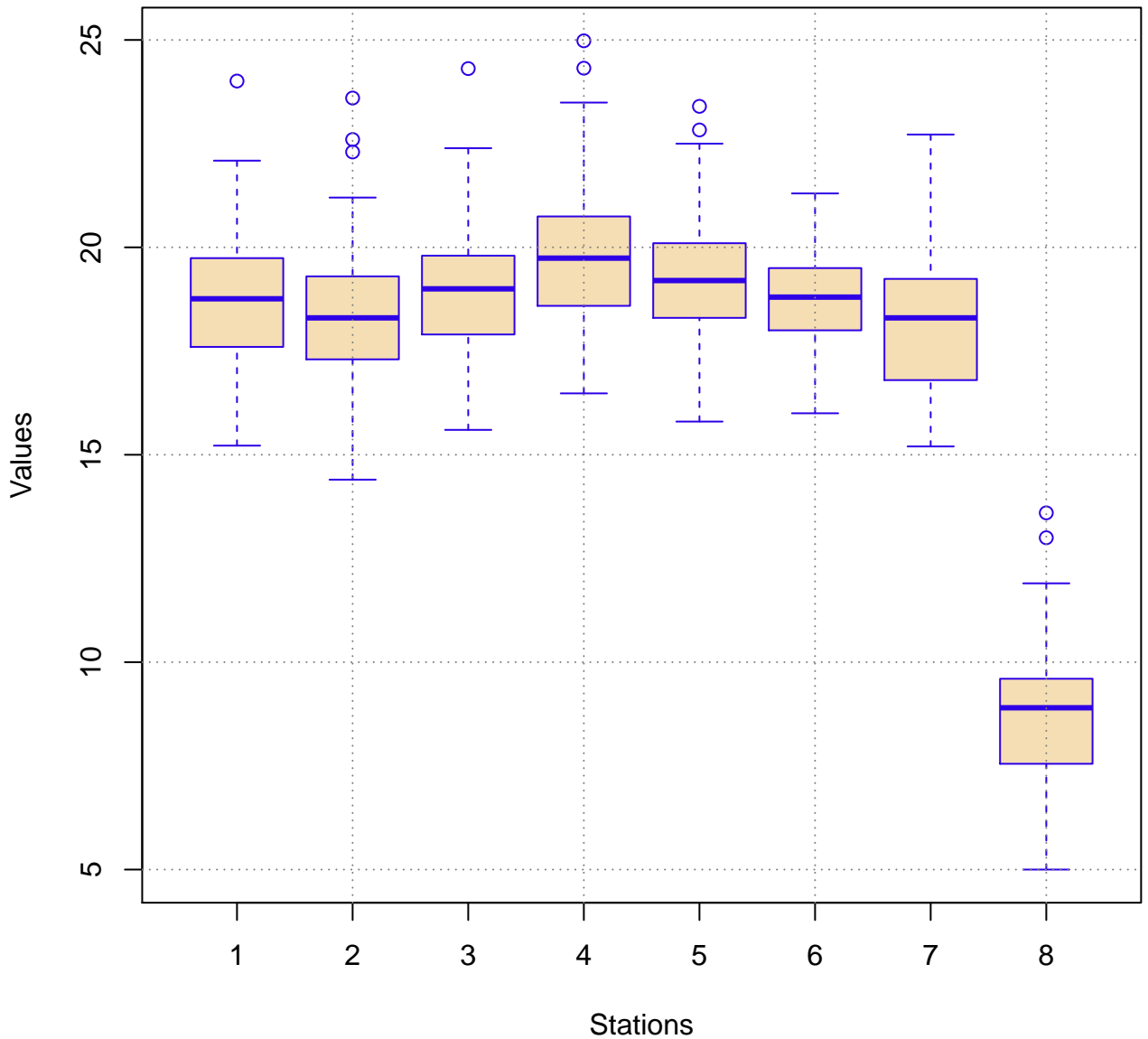




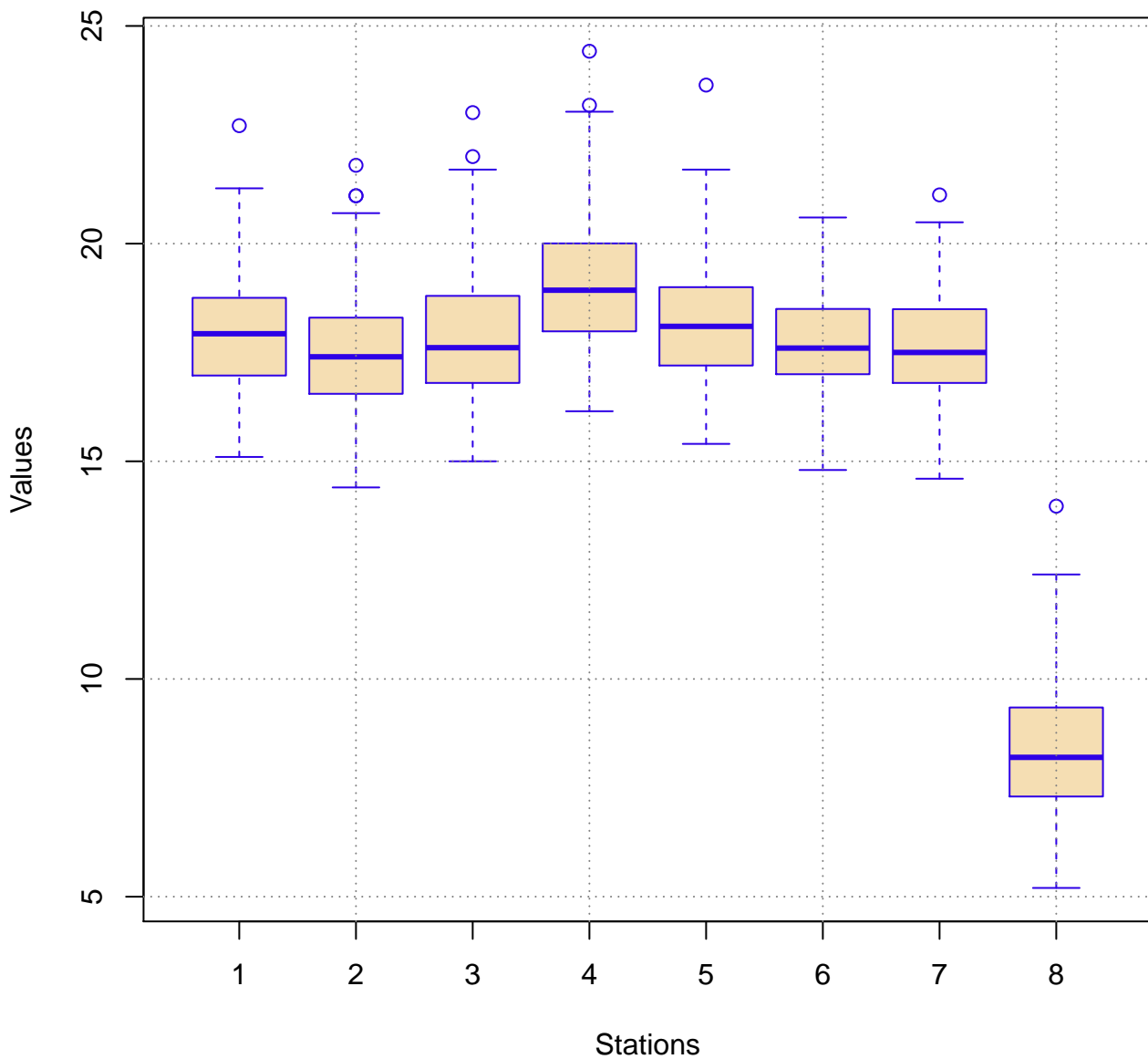
**Data values of Ttest2 (Jun)**



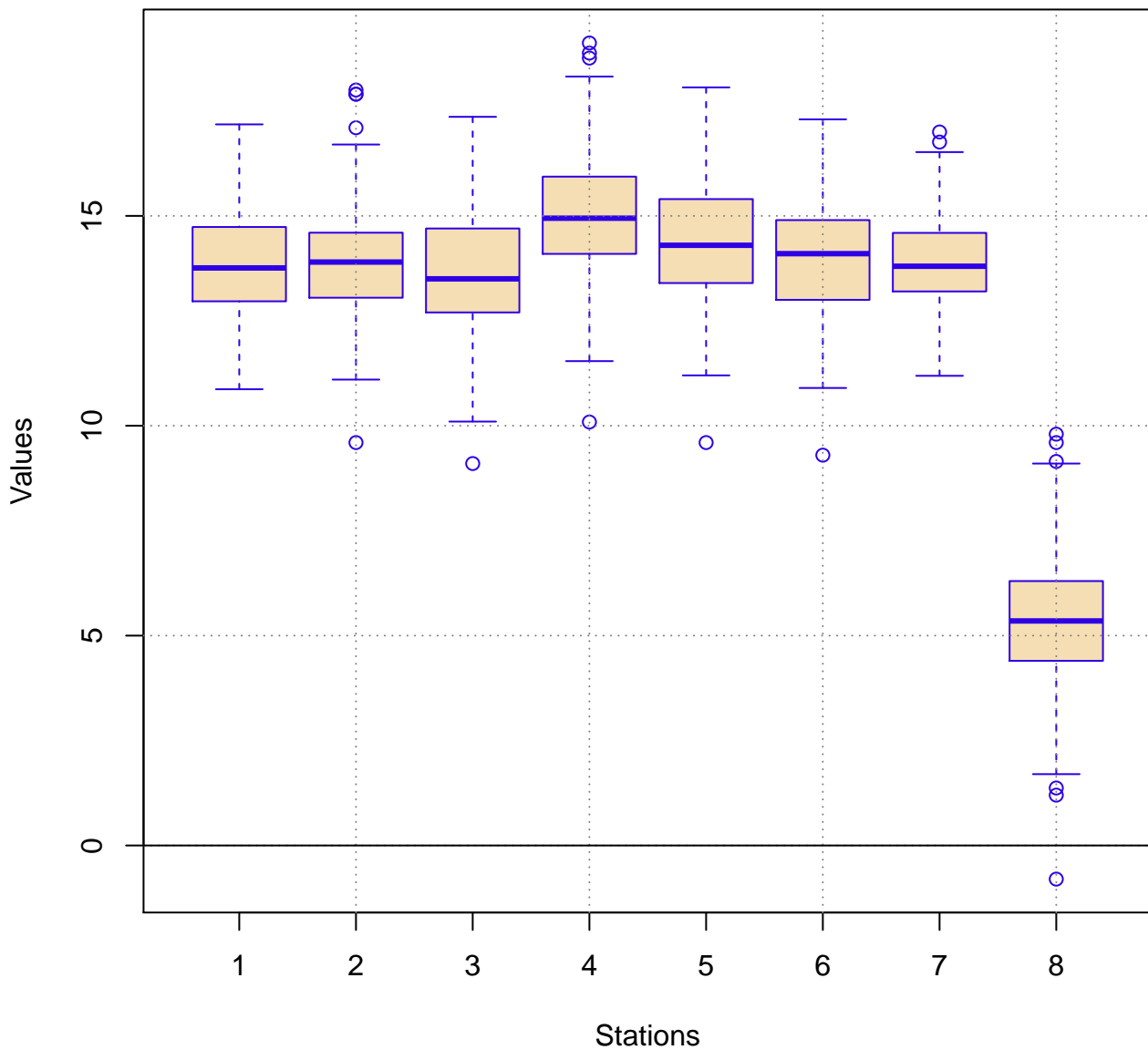
**Data values of Ttest2 (Jul)**



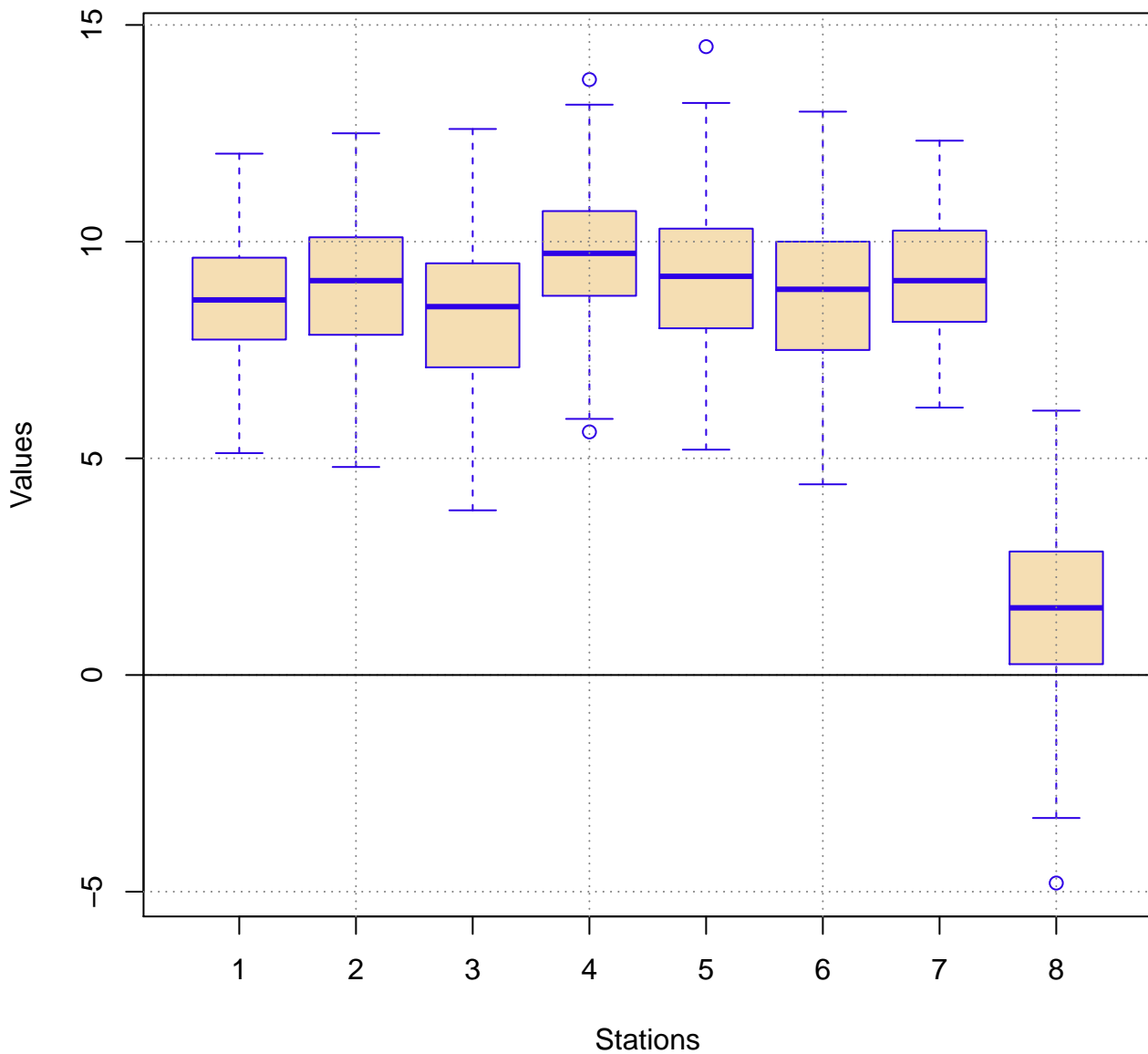
**Data values of Ttest2 (Aug)**



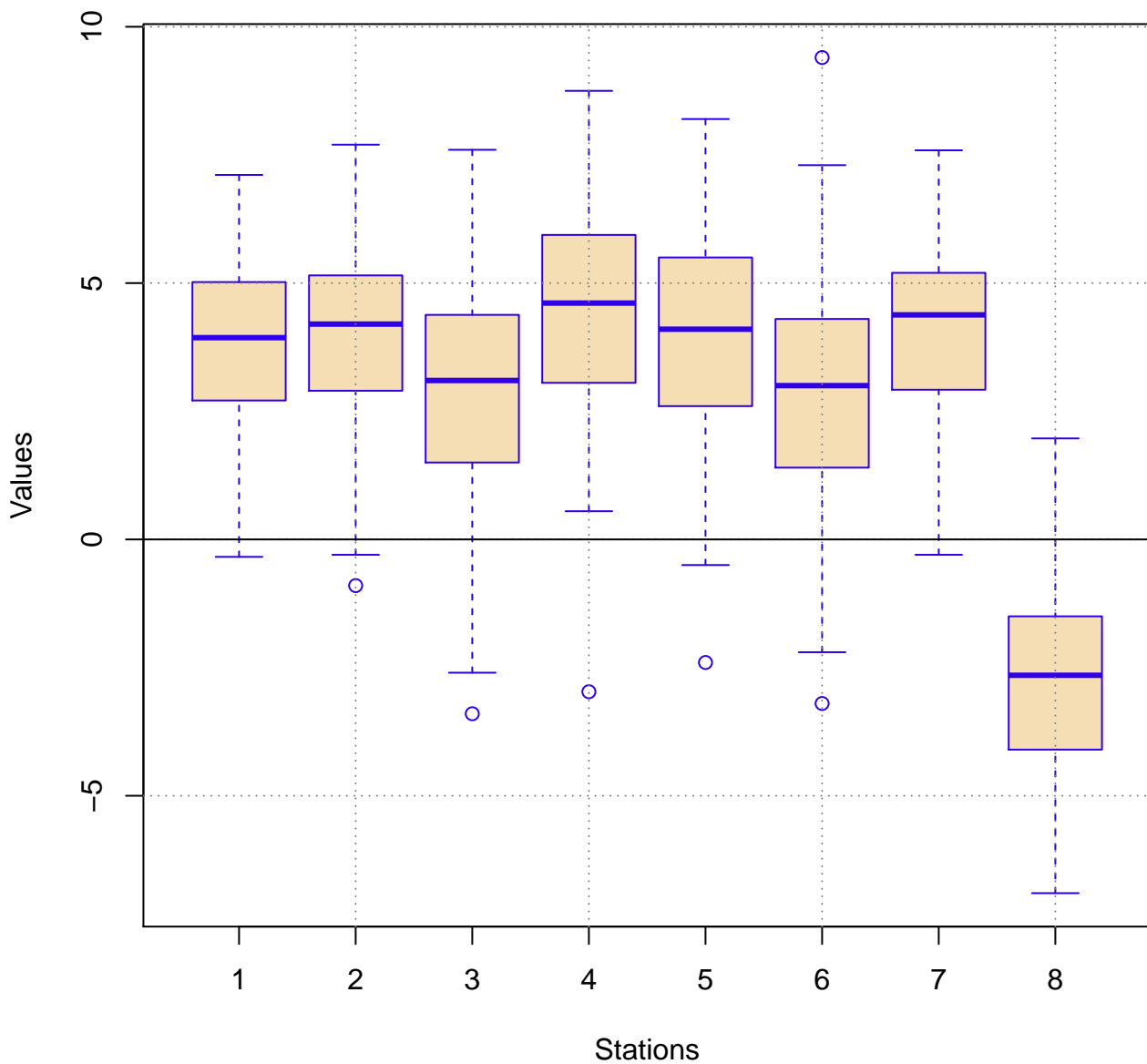
**Data values of Ttest2 (Sep)**



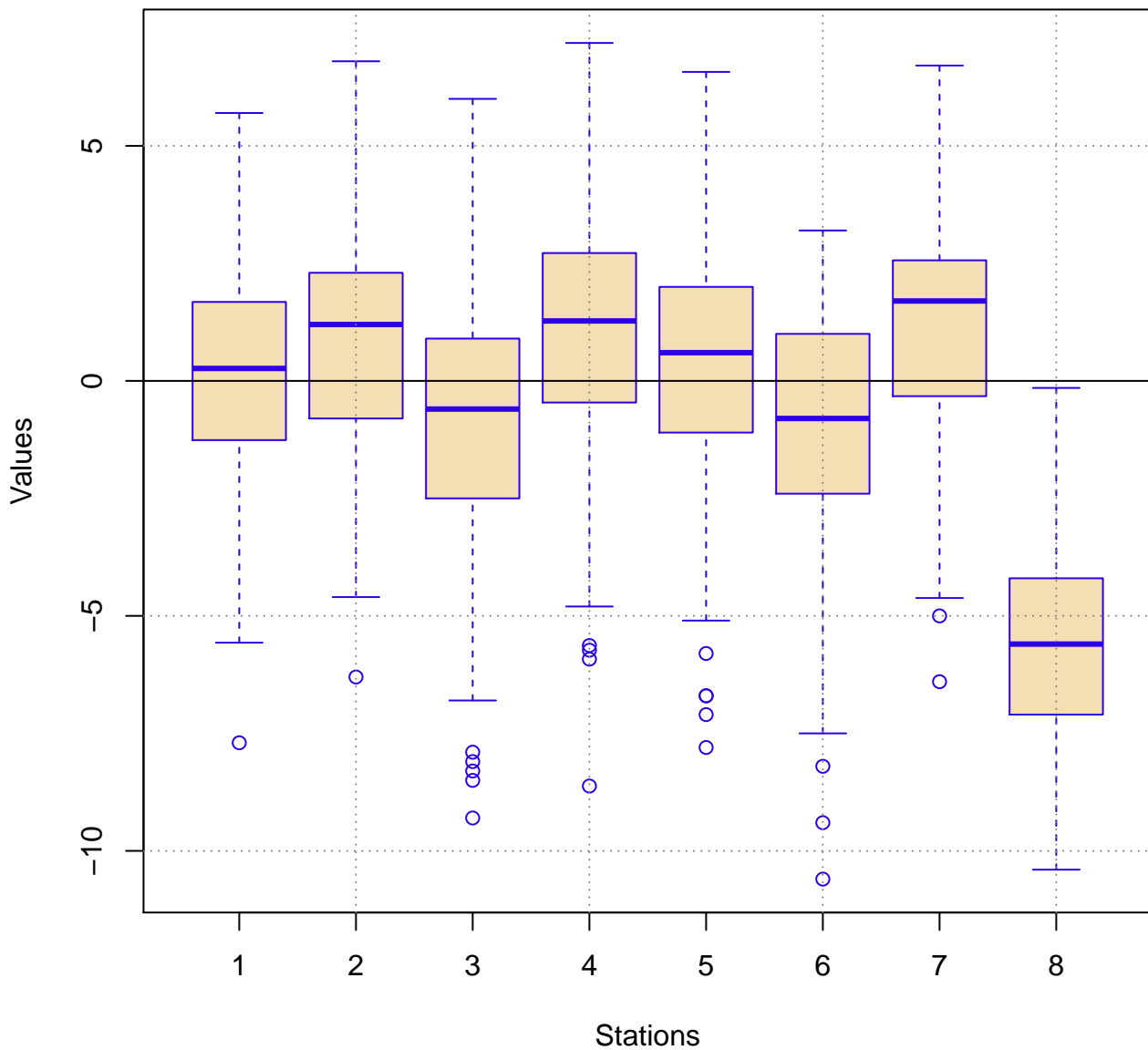
**Data values of Ttest2 (Oct)**



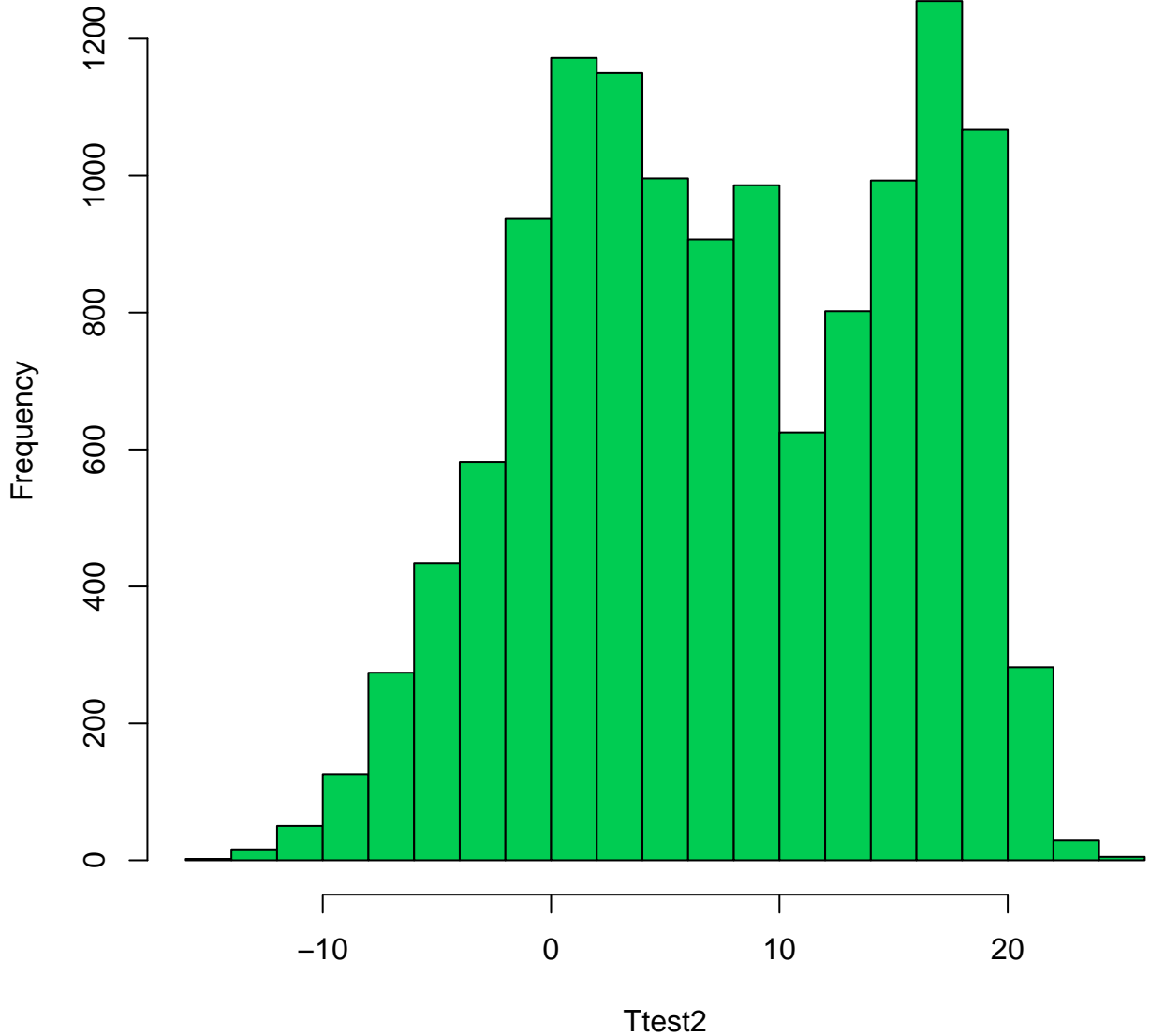
**Data values of Ttest2 (Nov)**



**Data values of Ttest2 (Dec)**

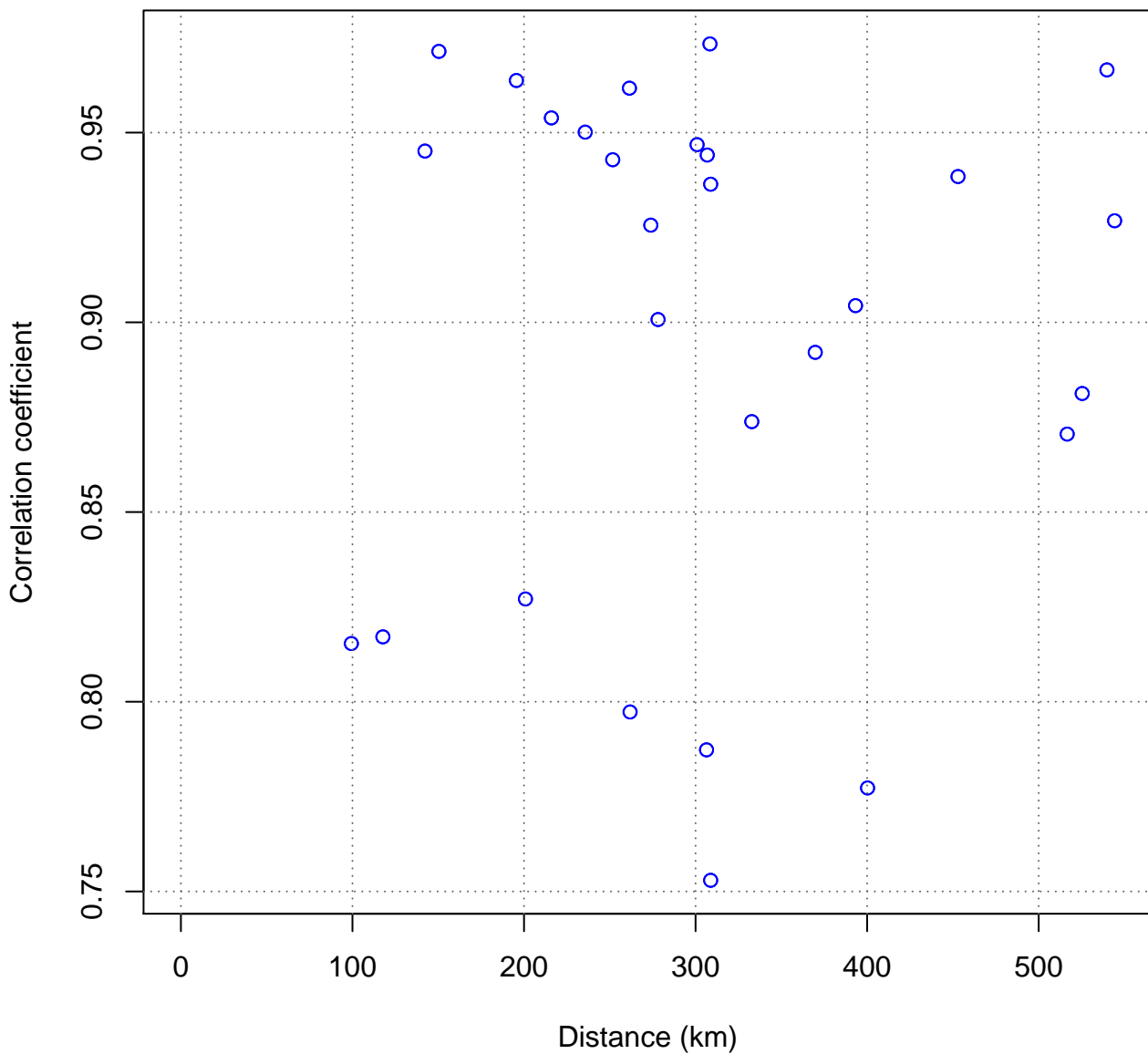


**Histogram of all data**

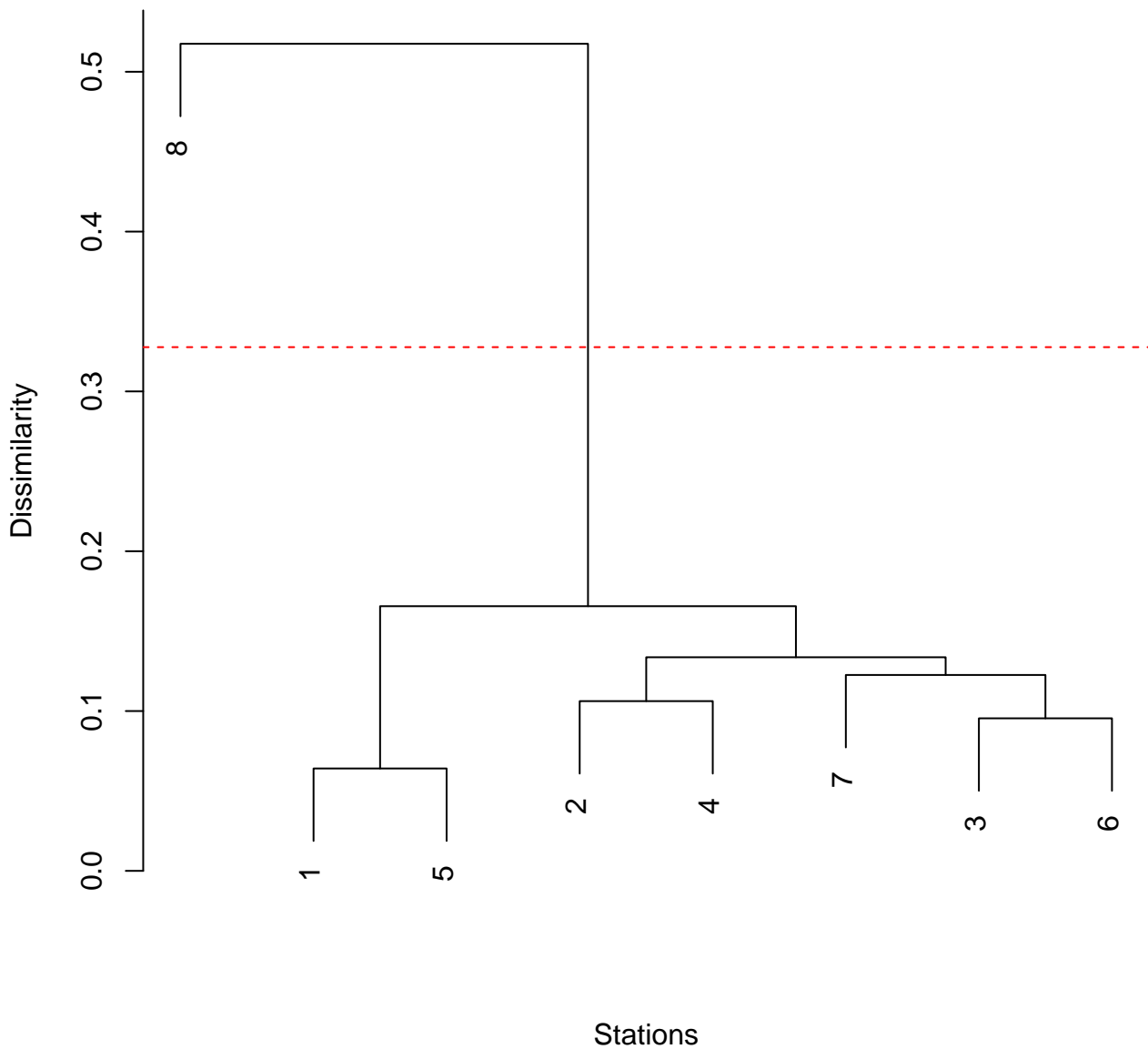




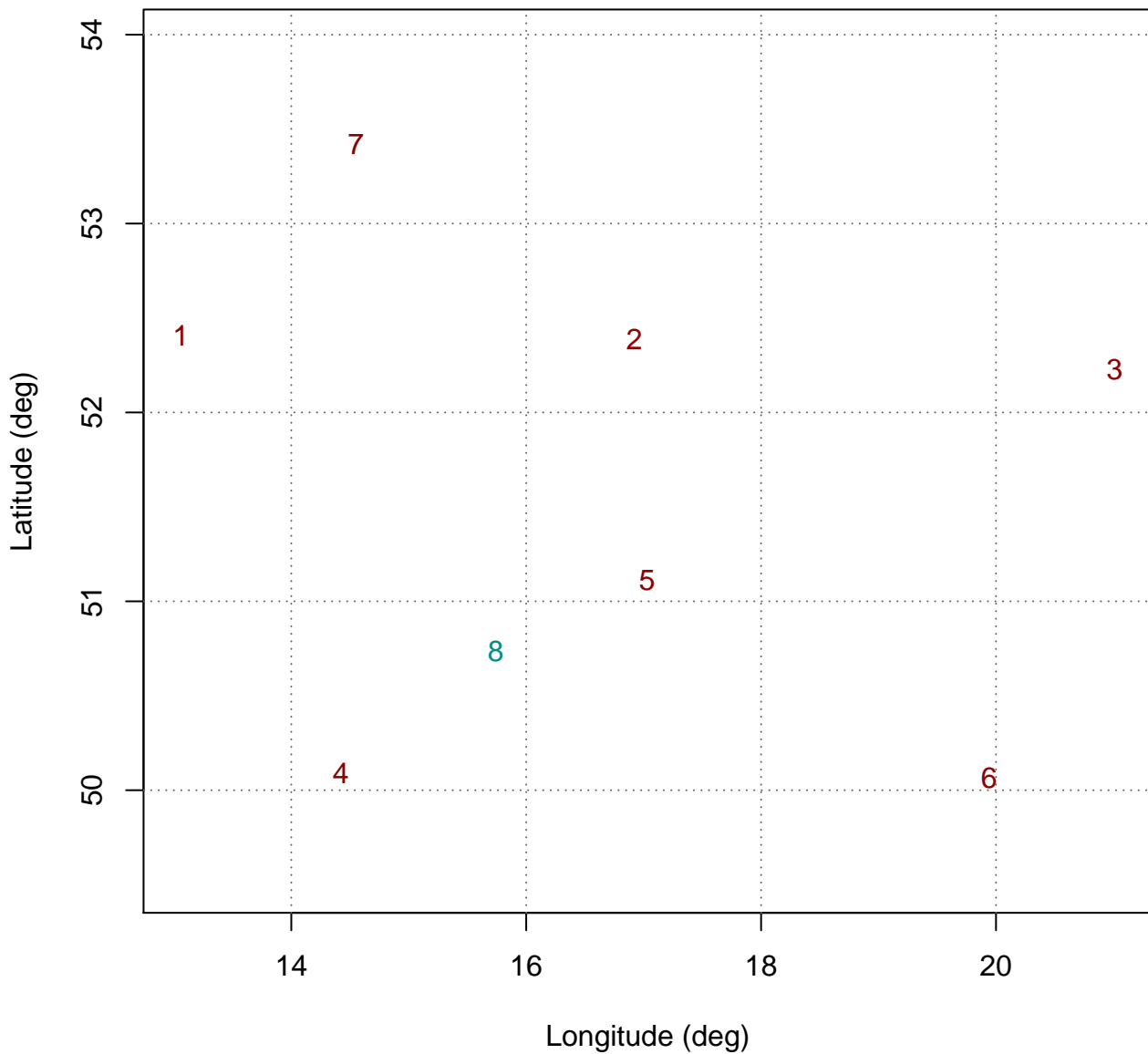
**Correlogram of first difference series**



**Dendrogram of station clusters**



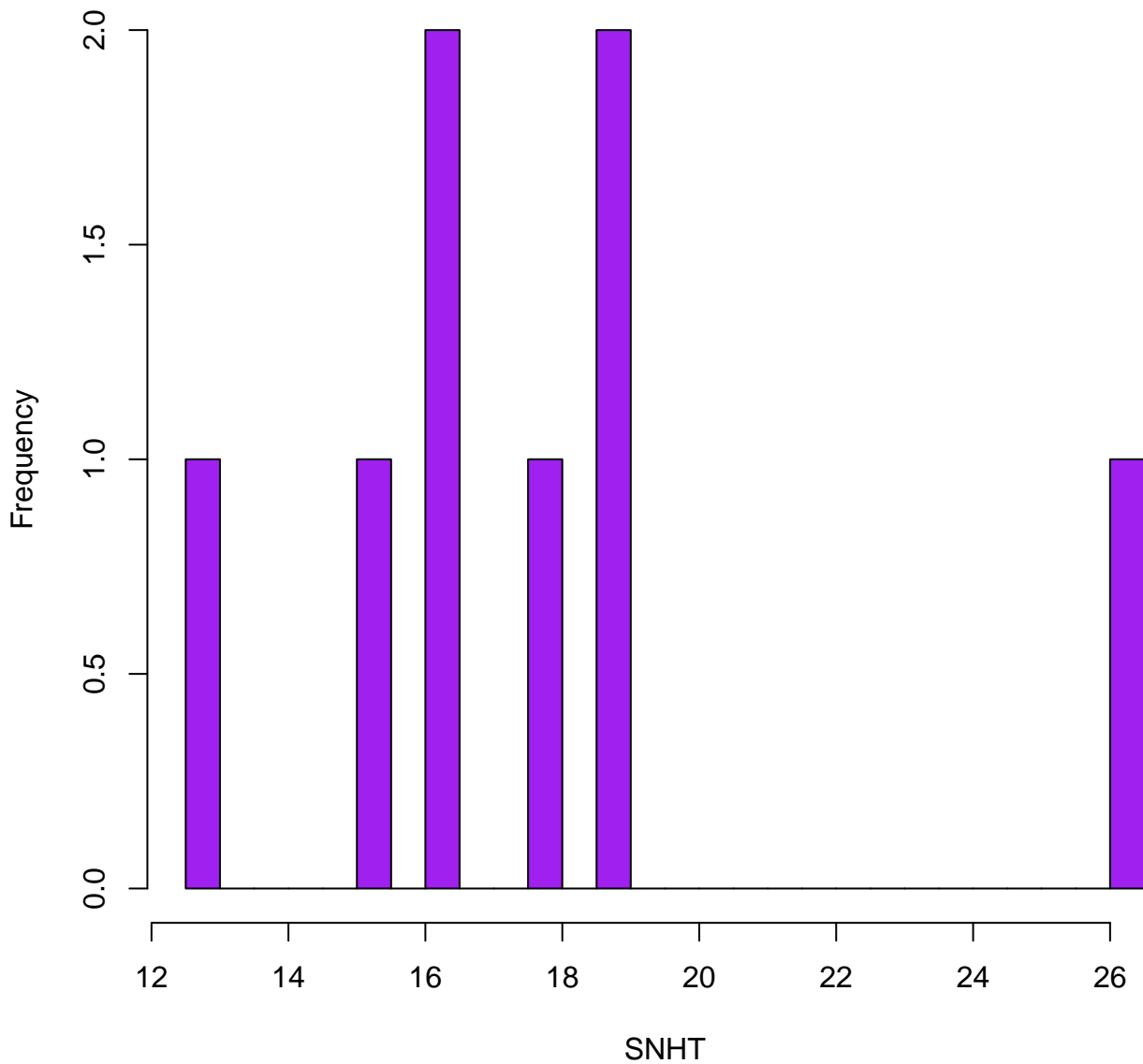
## Ttest2 station locations (2 clusters)



# Stage 1

Binary splits on 60 term  
stepped windows  
with  $\text{SNHT} > 30$   
and  $\text{wd} = 0 \text{ km}$

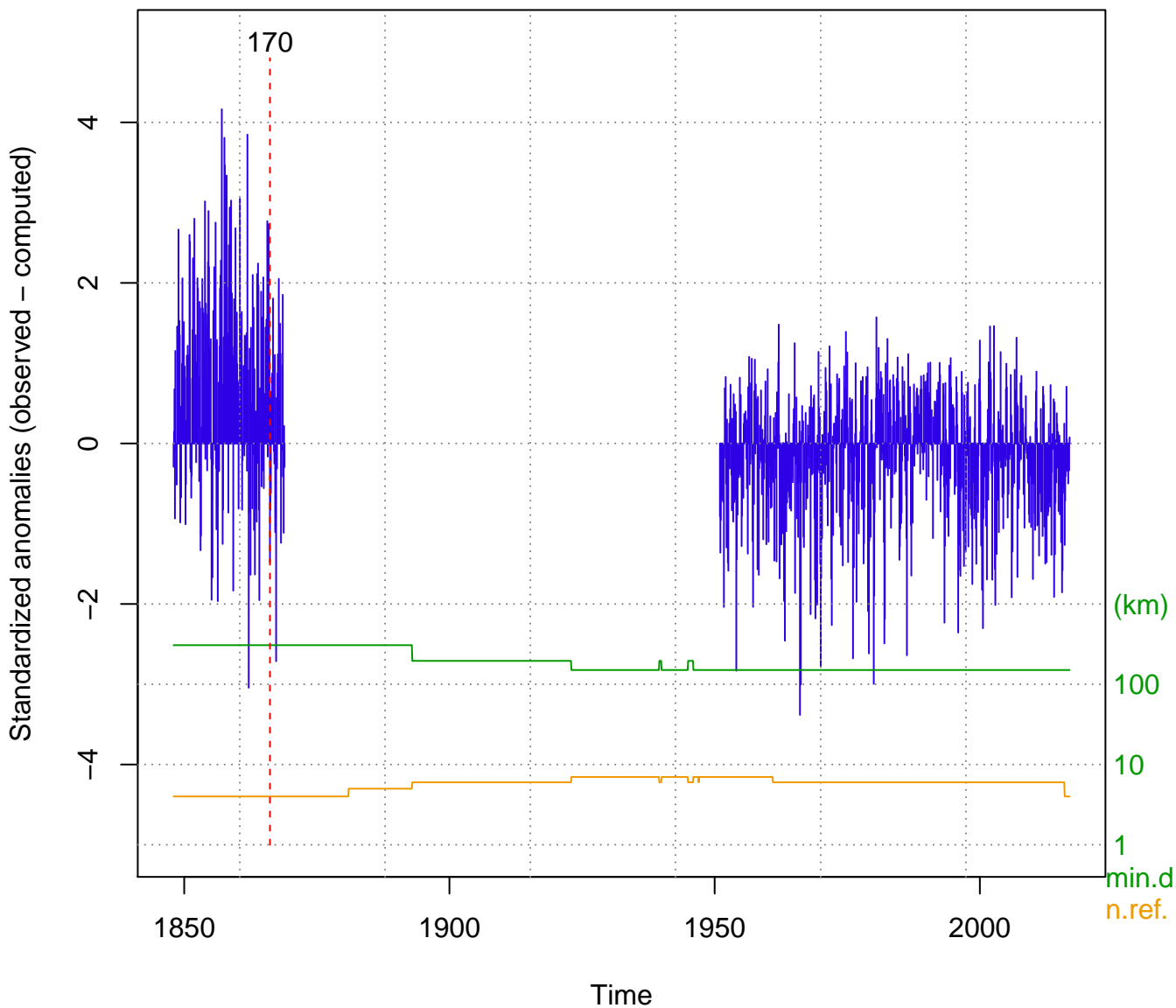
**Histogram of maximum SNHT (Stage 1)**



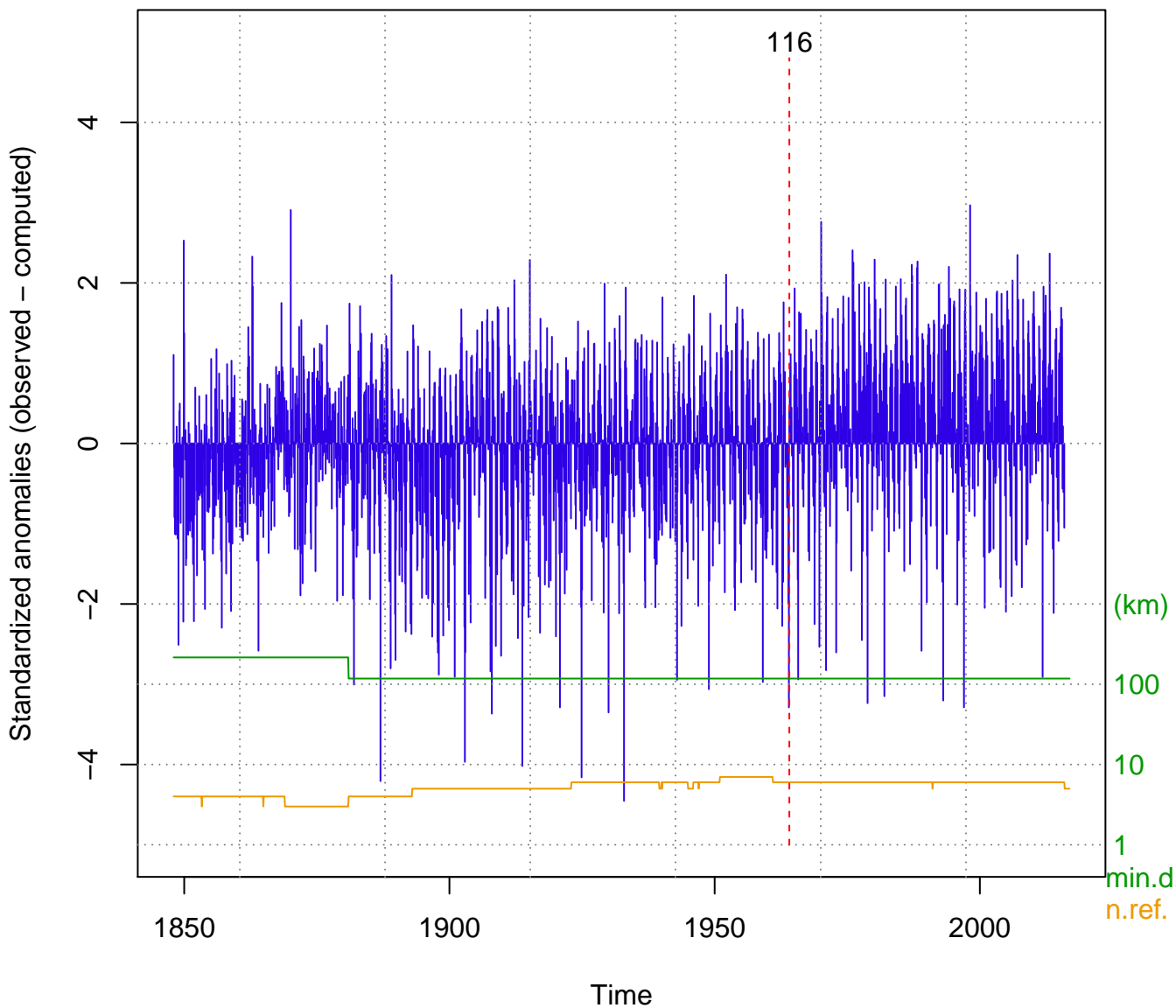
# Stage 2

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

# Ttest2 at szczecin(7), szczecin

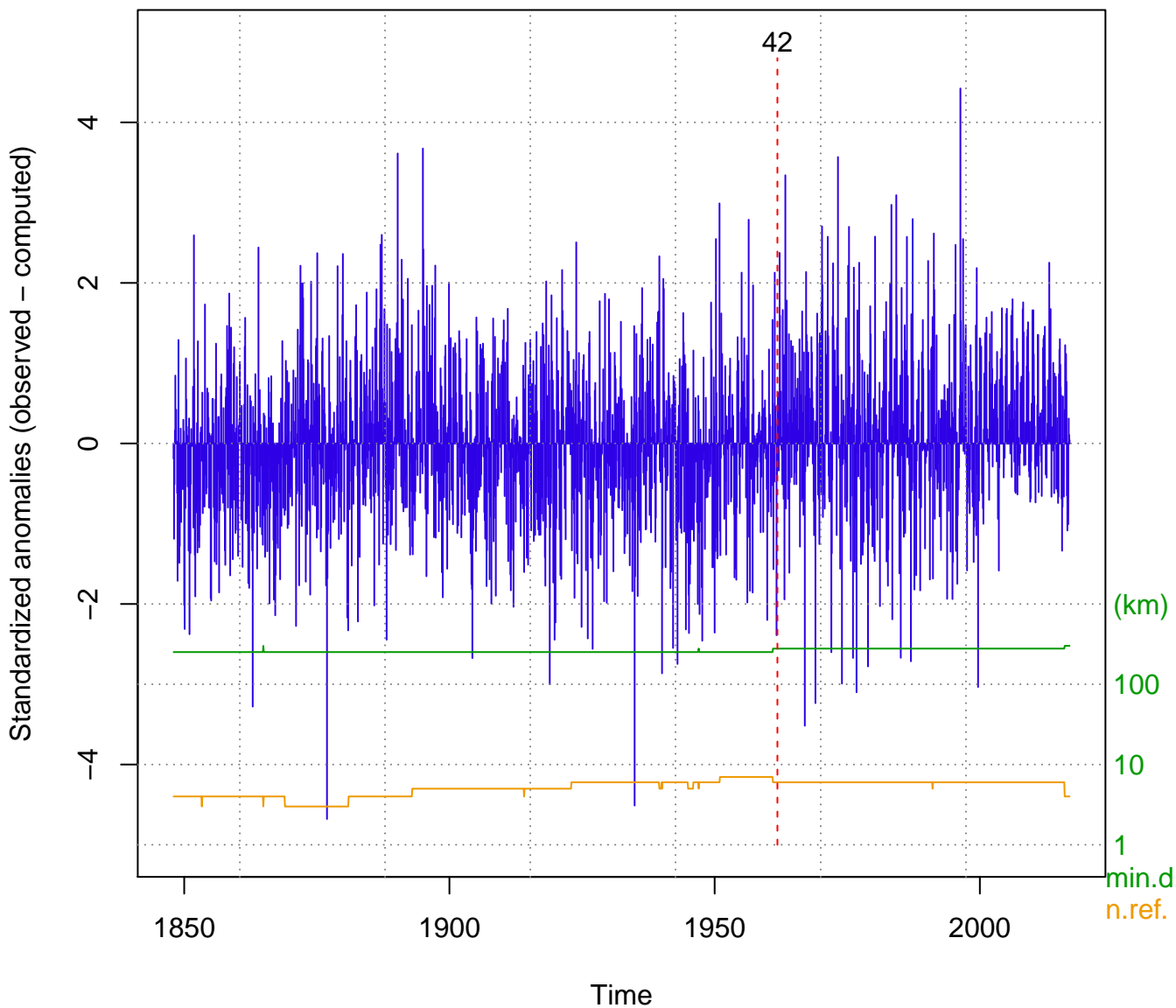


# Ttest2 at praga(4), praga

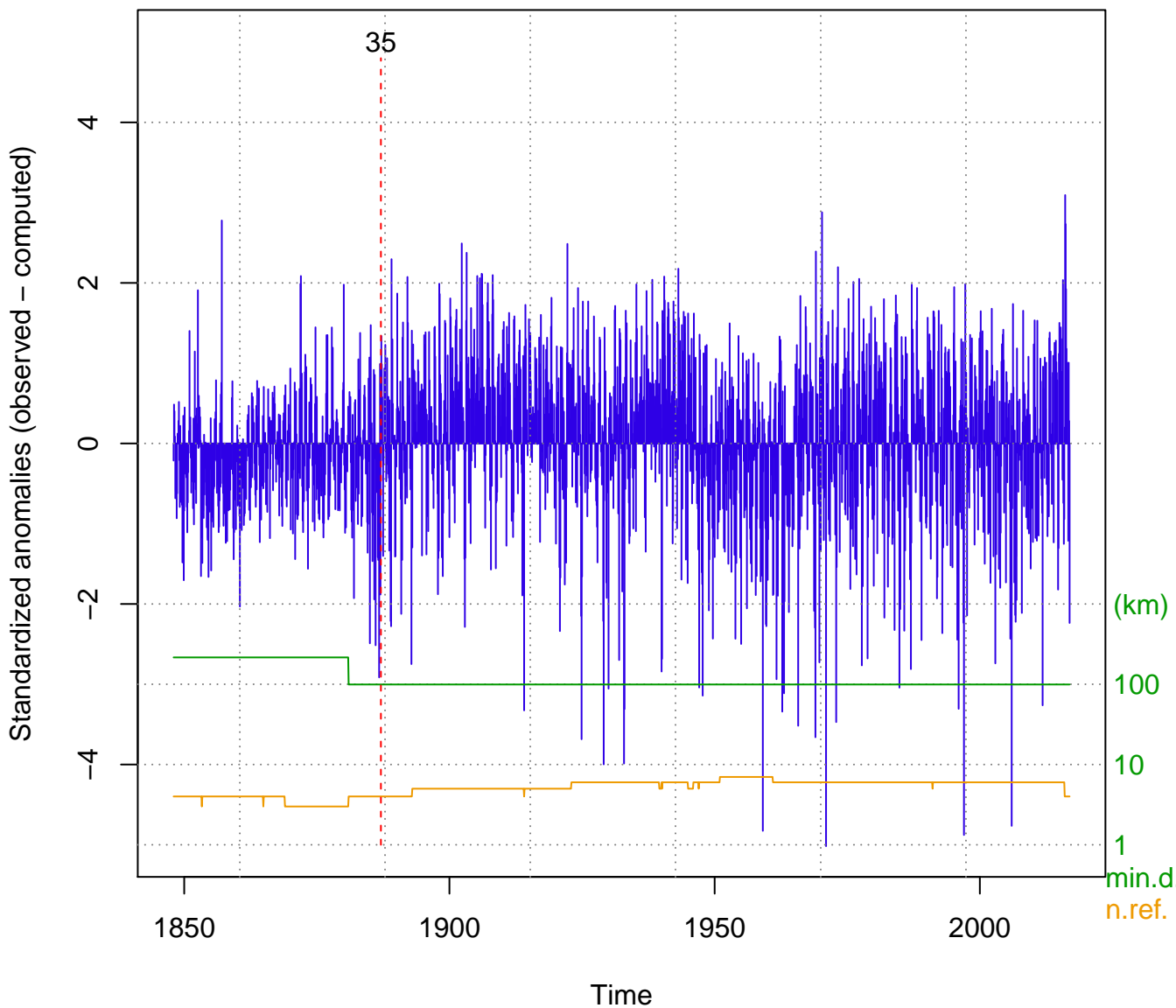




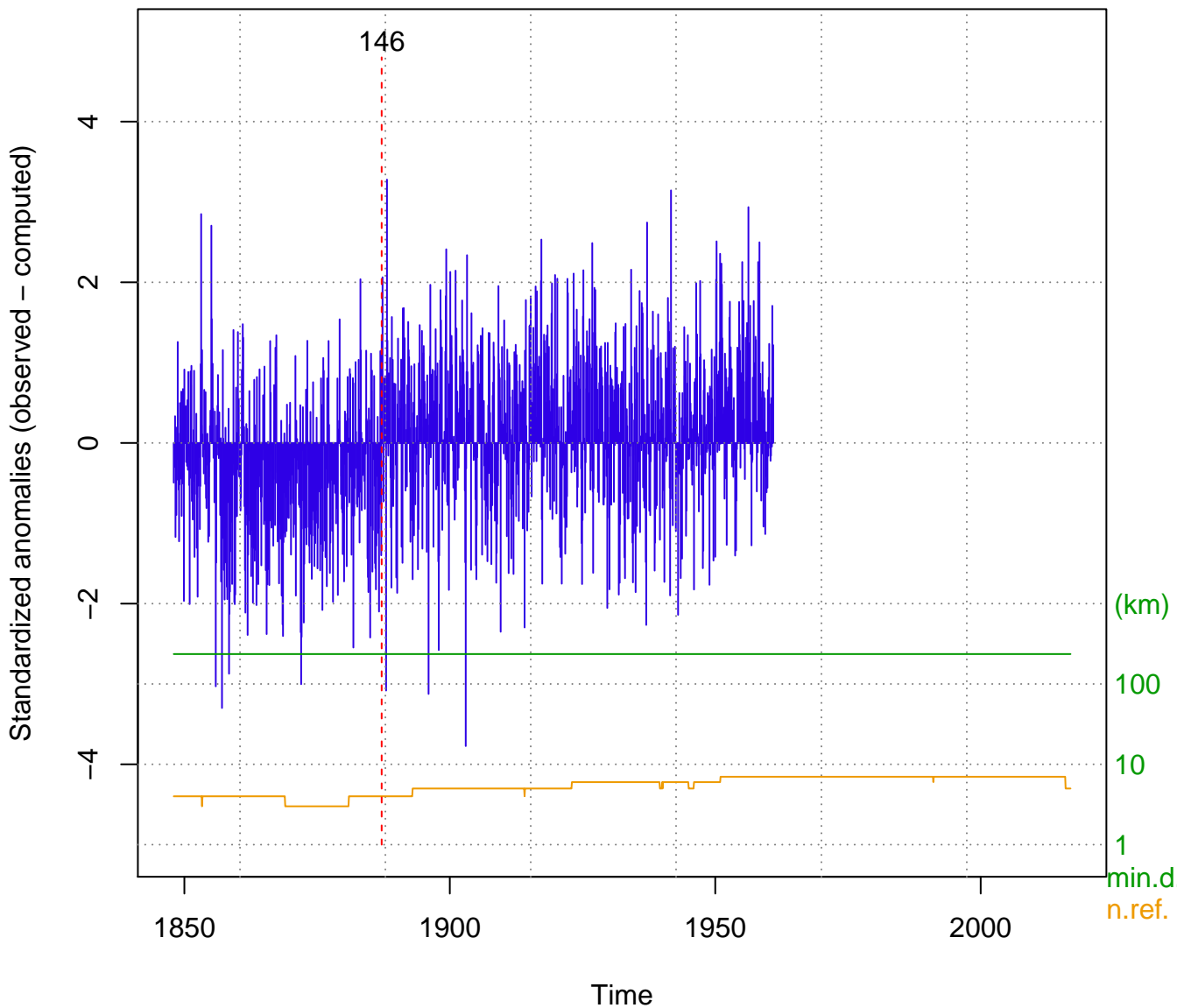
# Ttest2 at warszawa(3), warszawa



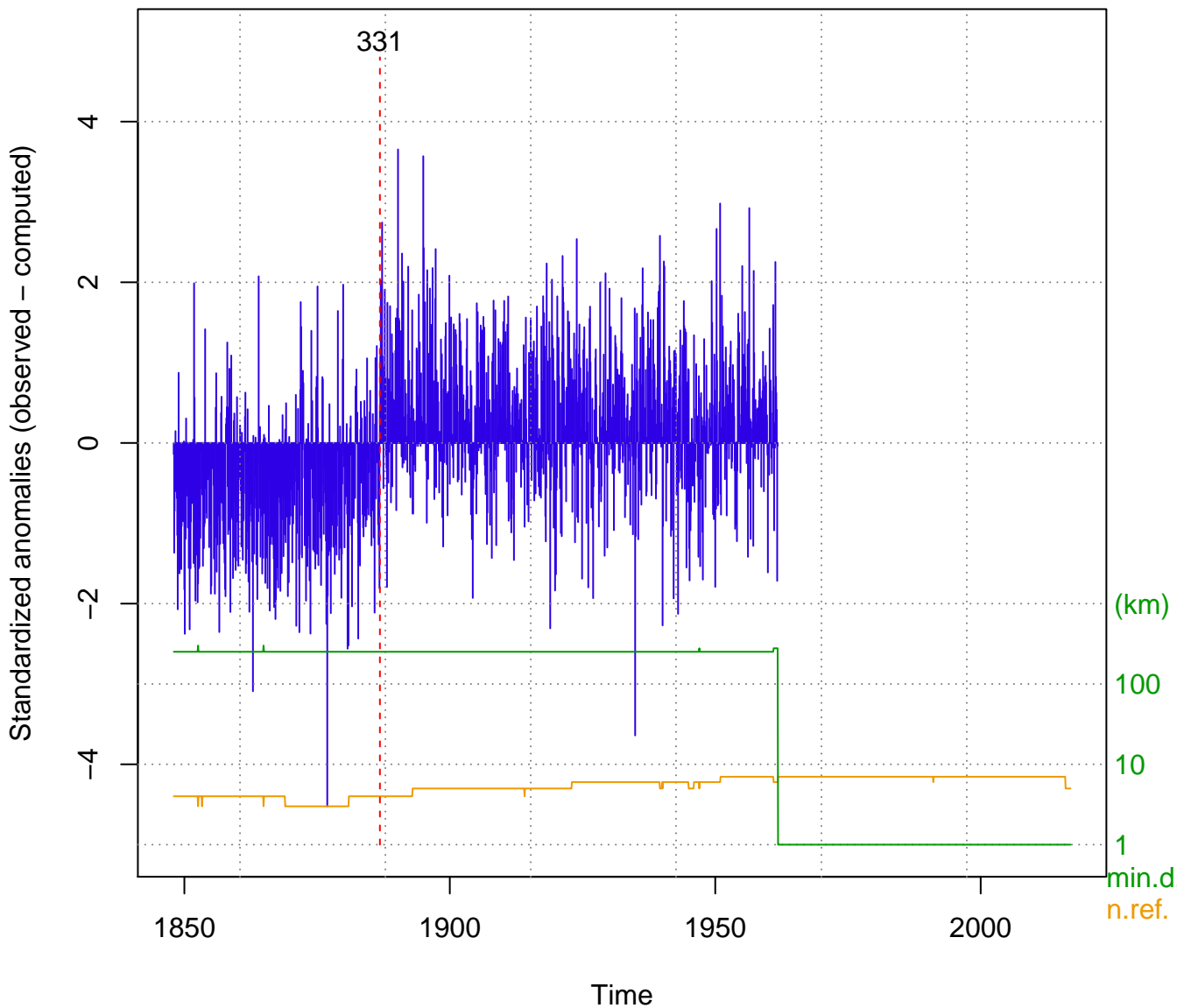
# Ttest2 at wroclaw(5), wroclaw



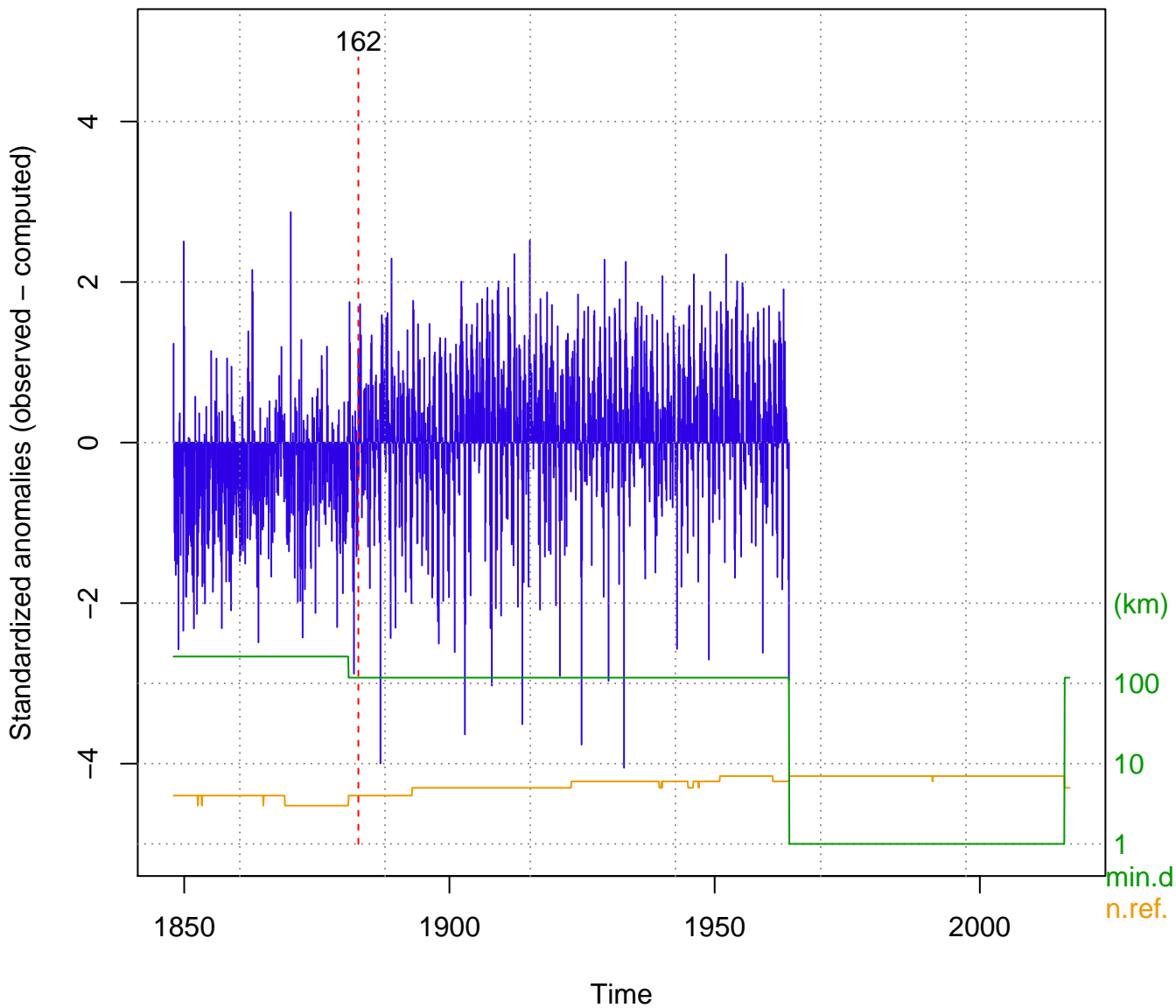
# Ttest2 at krakow(6), krakow



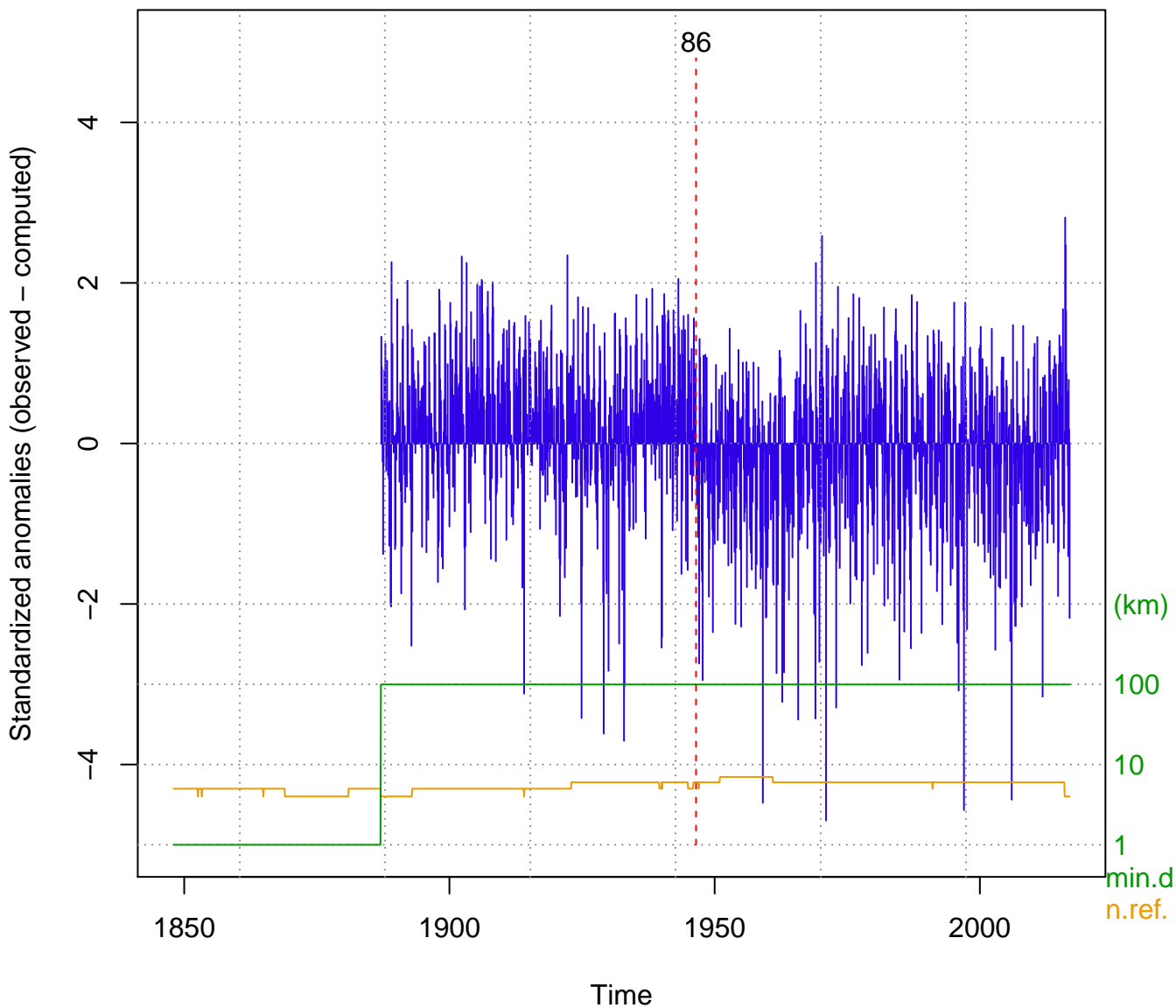
# Ttest2 at warszawa(3), warszawa



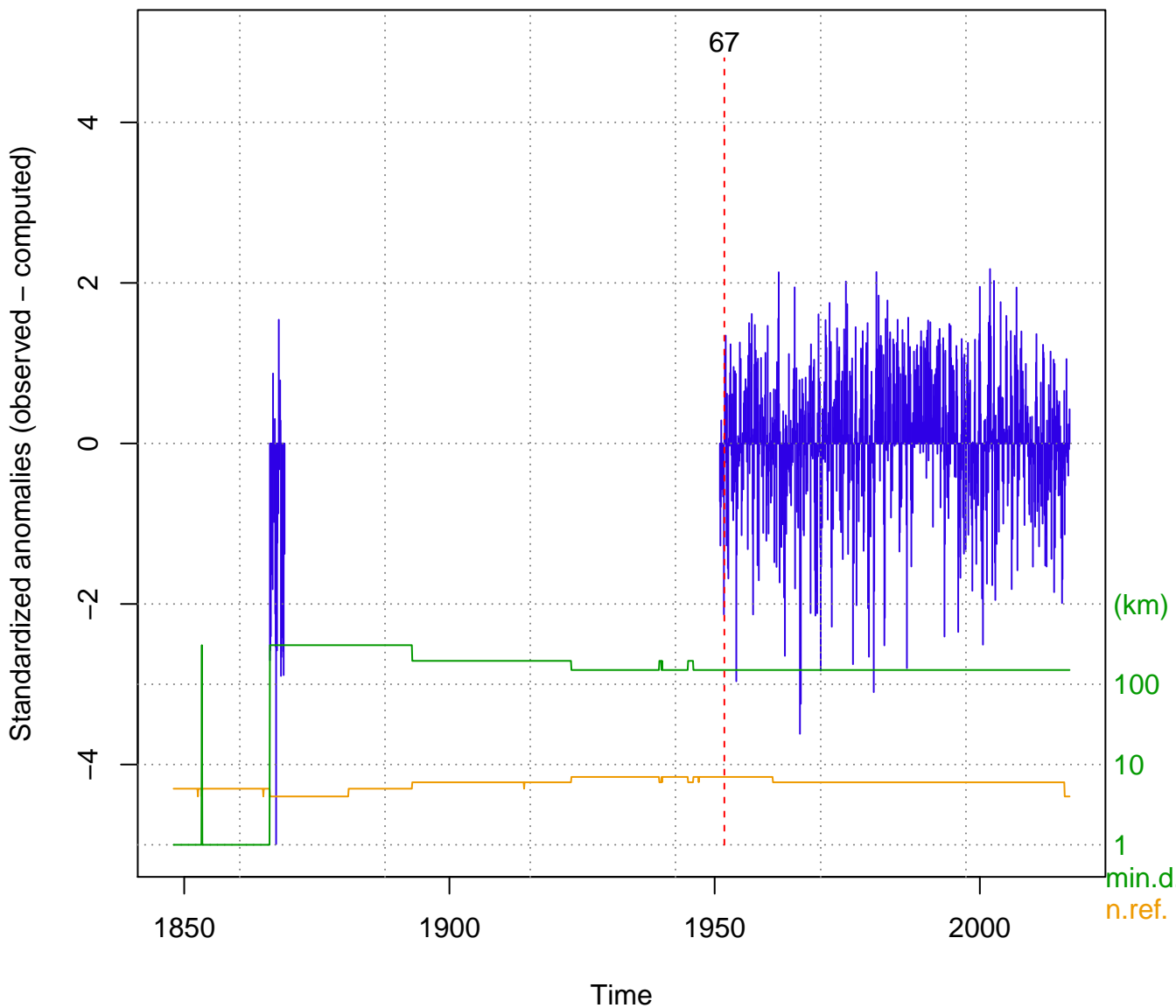
# Ttest2 at praga(4), praga



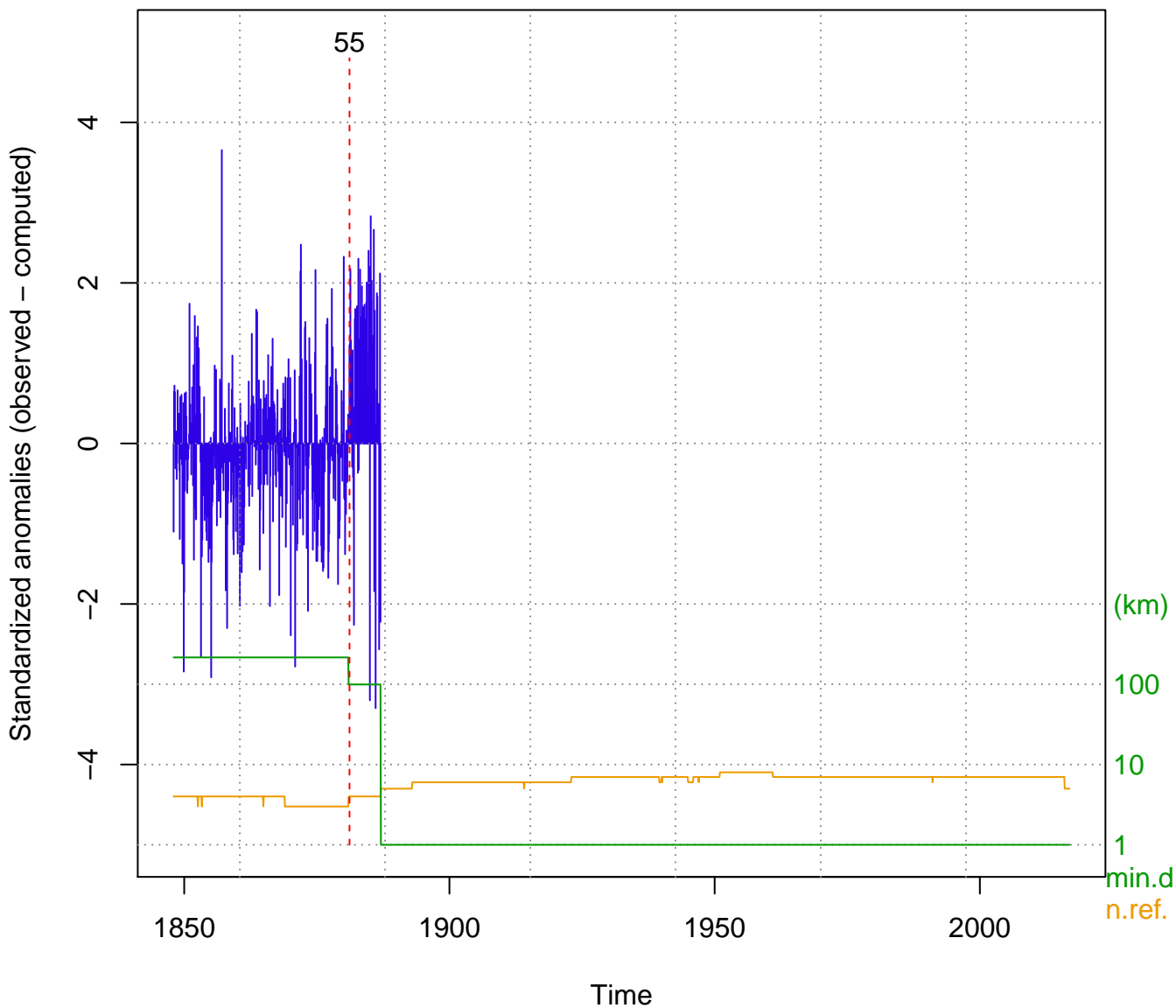
# Ttest2 at wroclaw-2(12), wroclaw-2



# Ttest2 at szczecin-2(9), szczecin-2

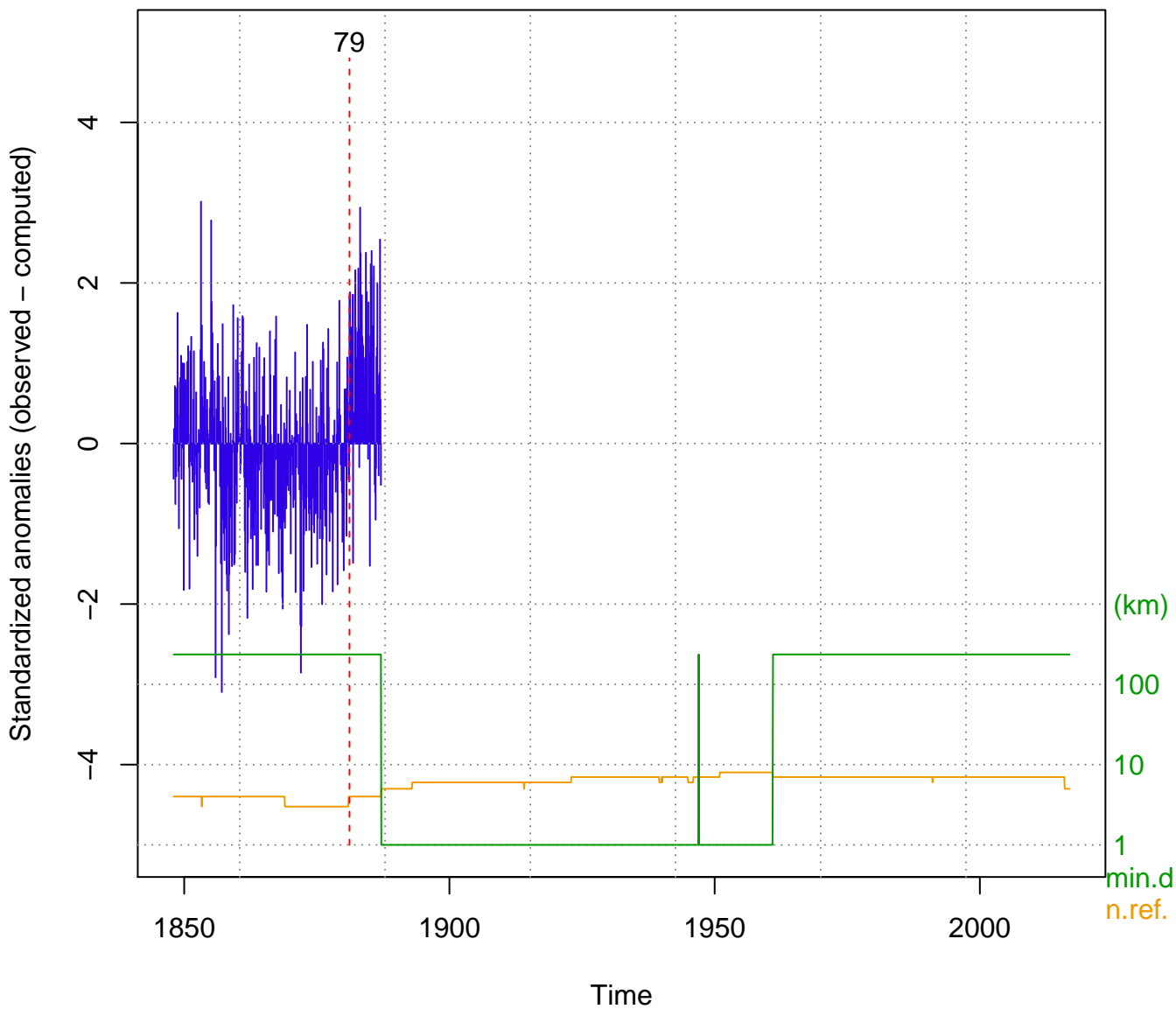


# Ttest2 at wroclaw(5), wroclaw

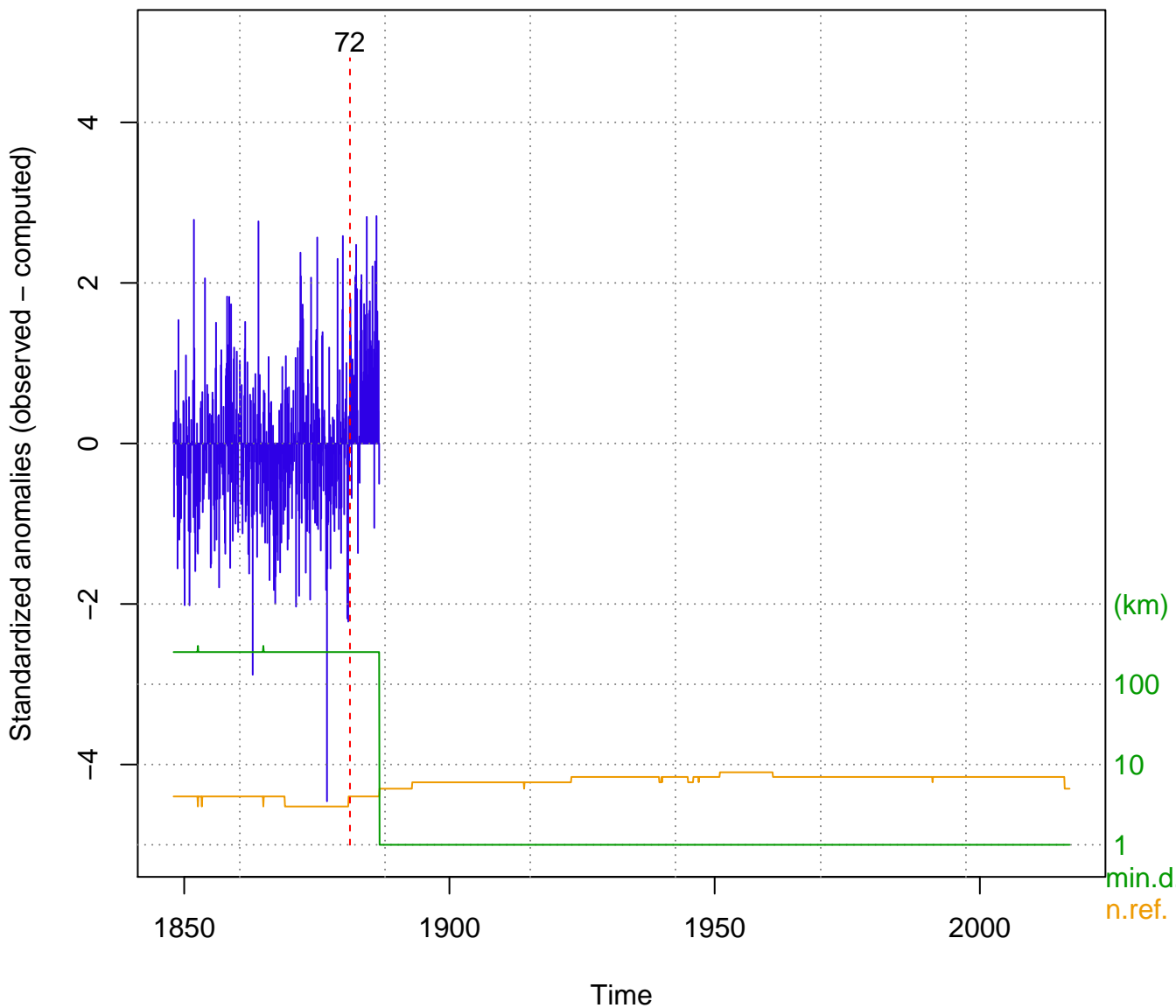




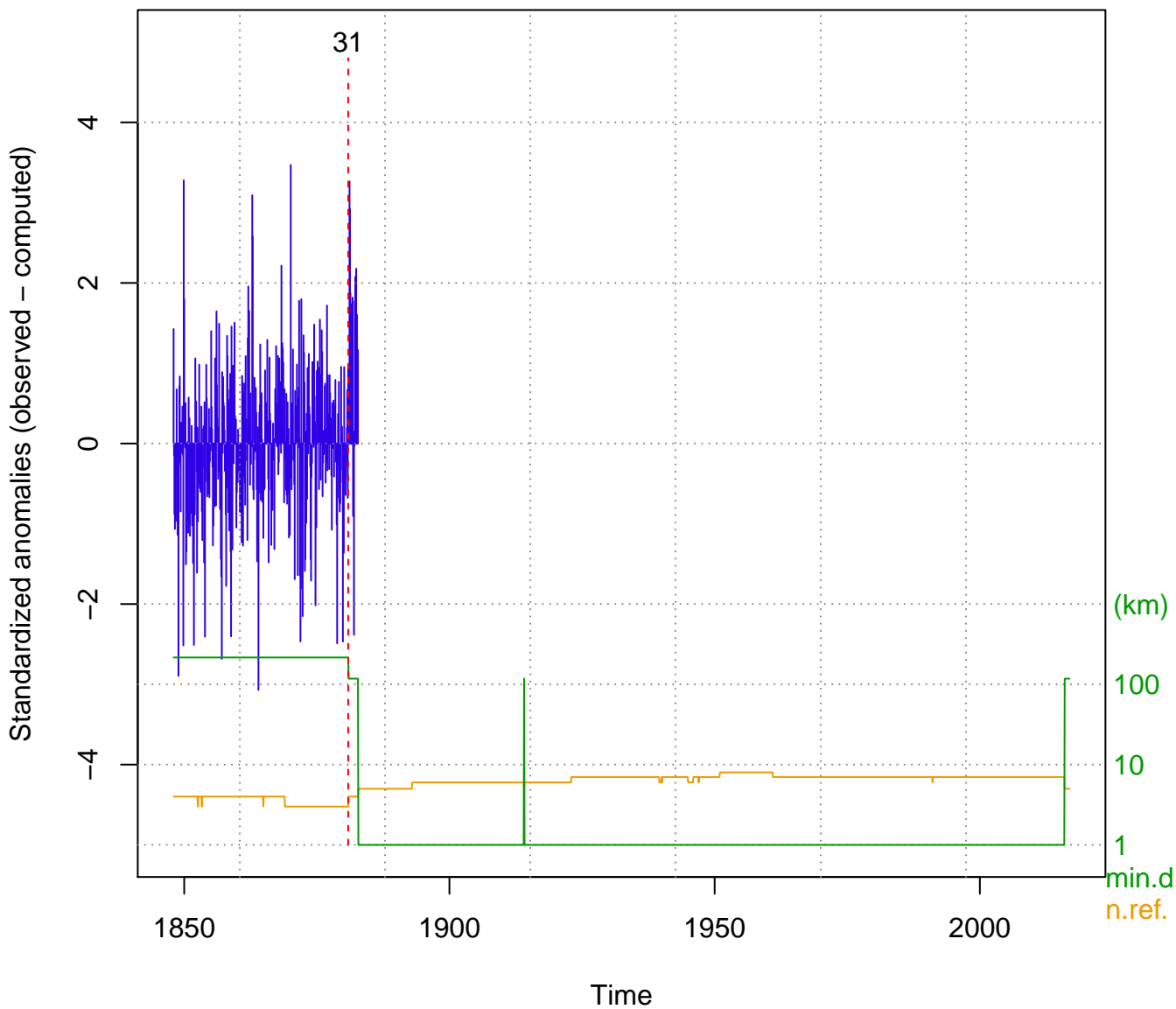
# Ttest2 at krakow(6), krakow



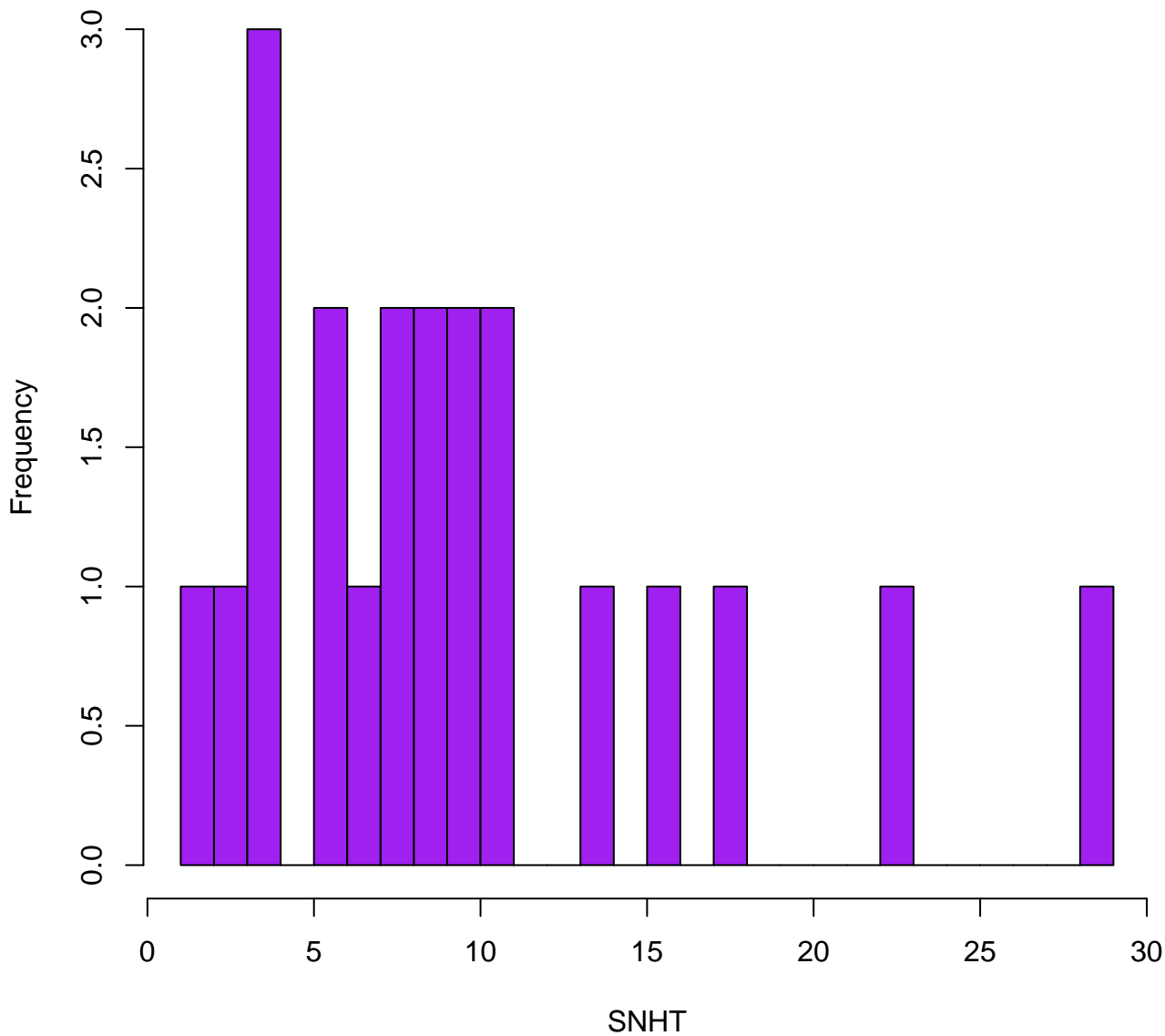
# Ttest2 at warszawa(3), warszawa



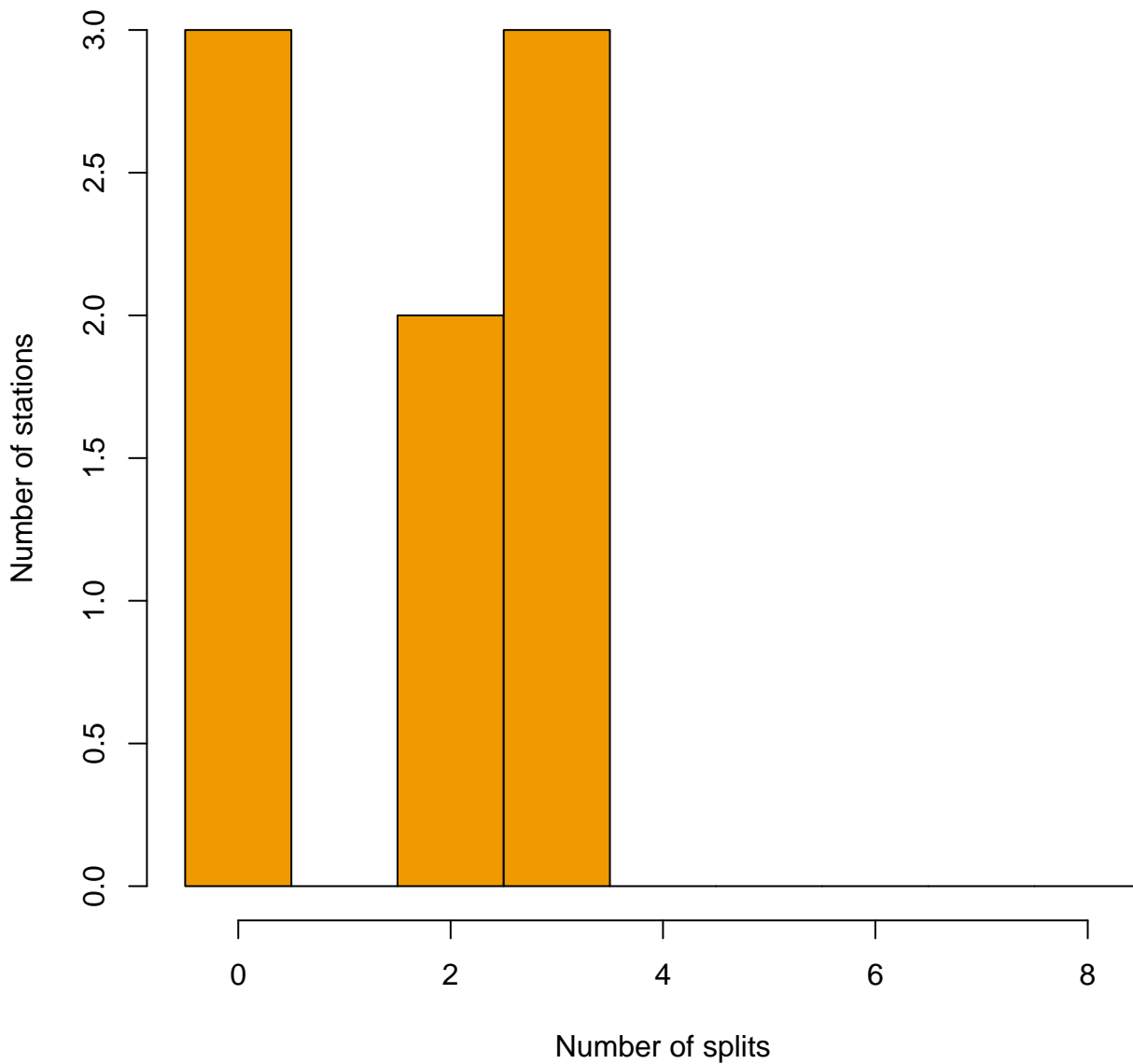
# Ttest2 at praga(4), praga



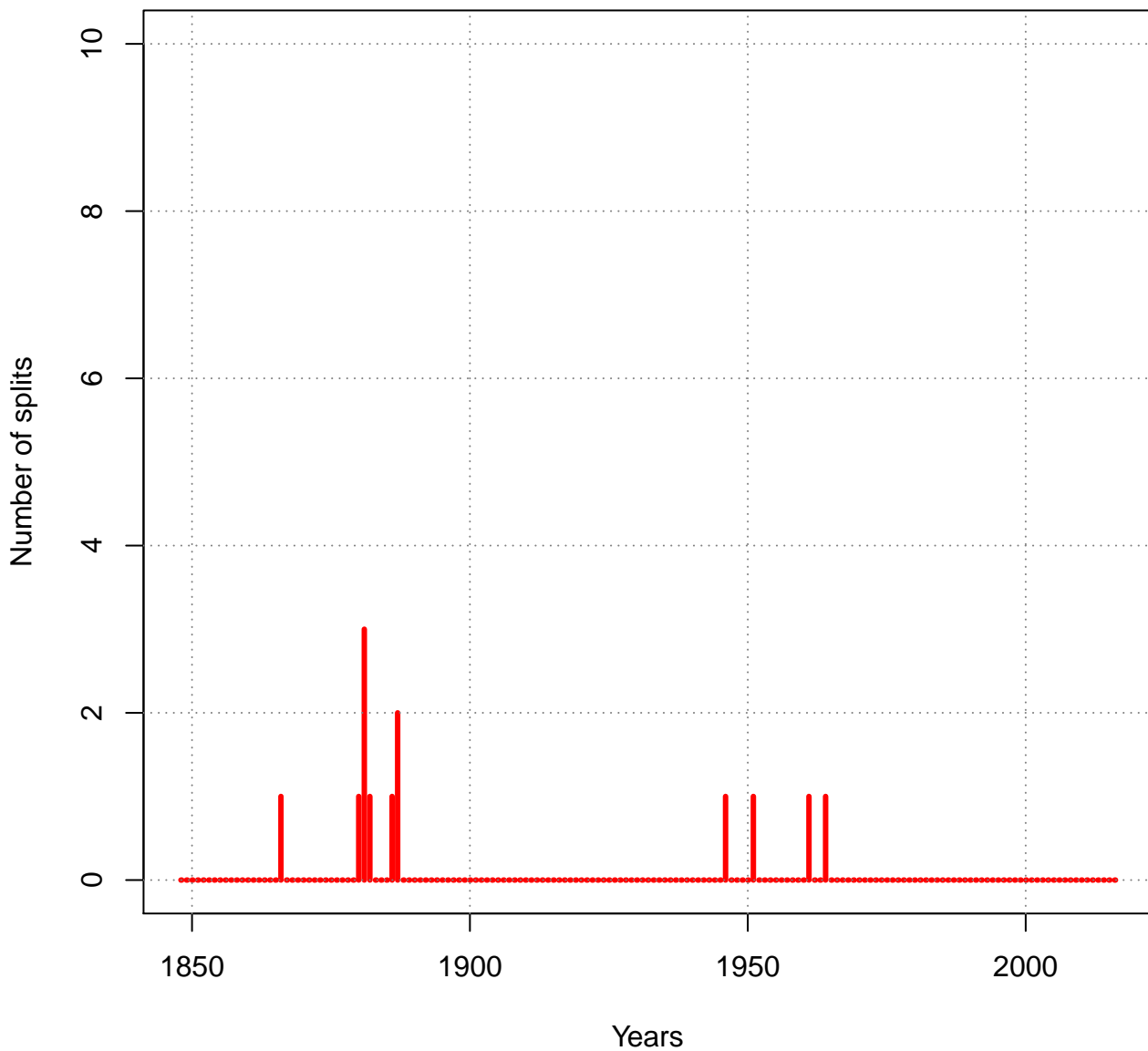
**Histogram of maximum SNHT (Stage 2)**



**Number of splits per station**



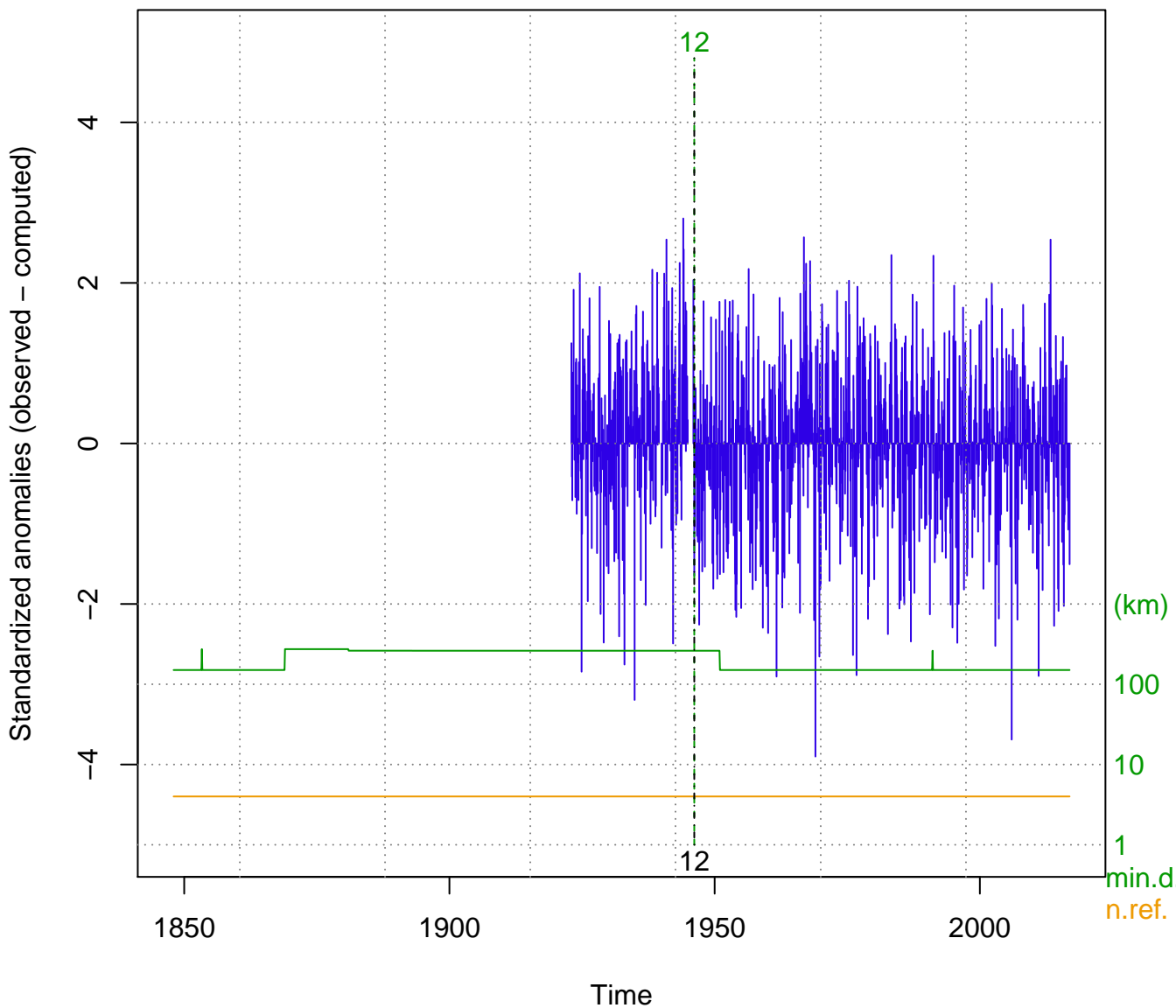
# Number of splits per year



# Stage 3

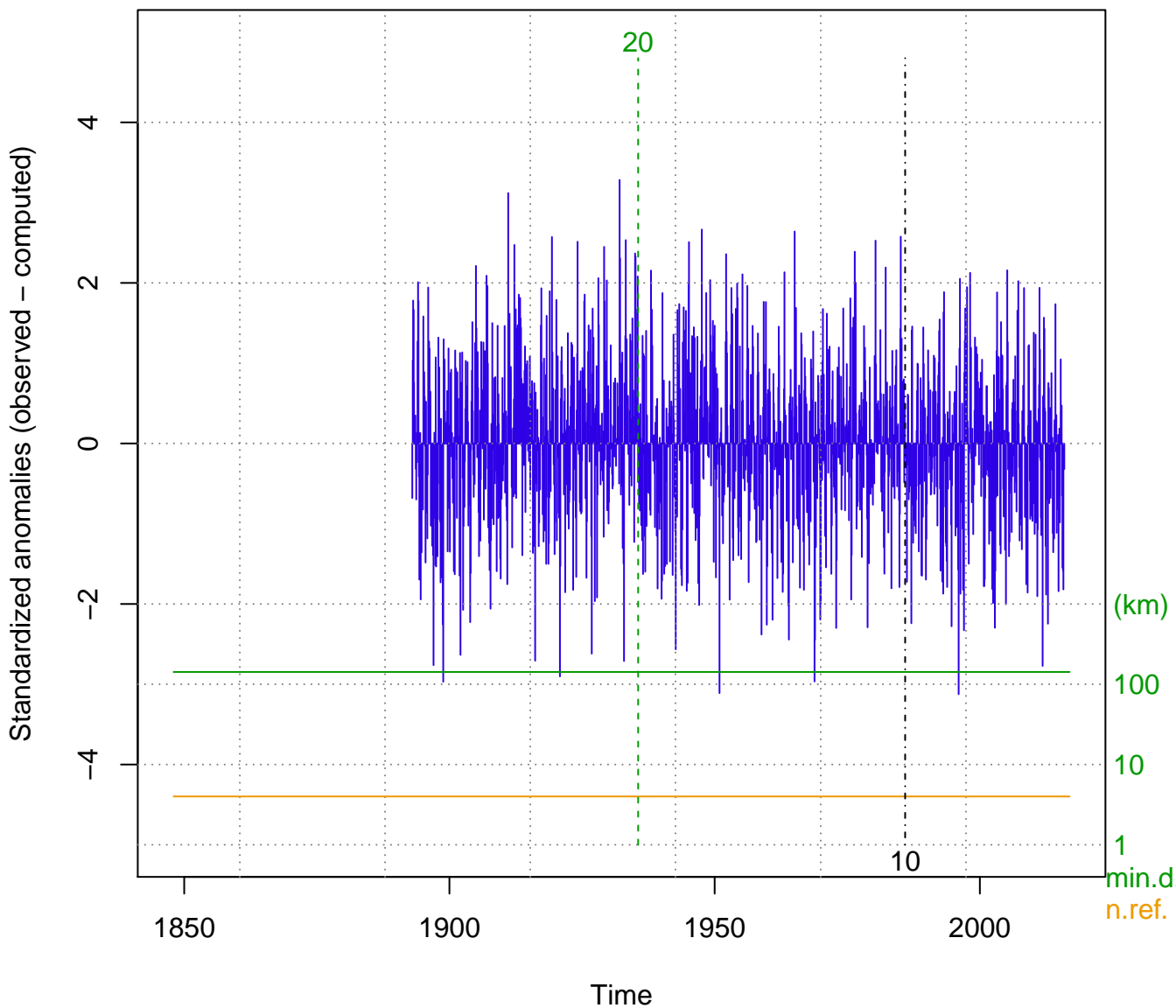
Anomalies after  
missing data  
recalculation  
with  $wd = 500$  km  
(  $swa = 60$  )

# Ttest2 at poznan(1), poznan

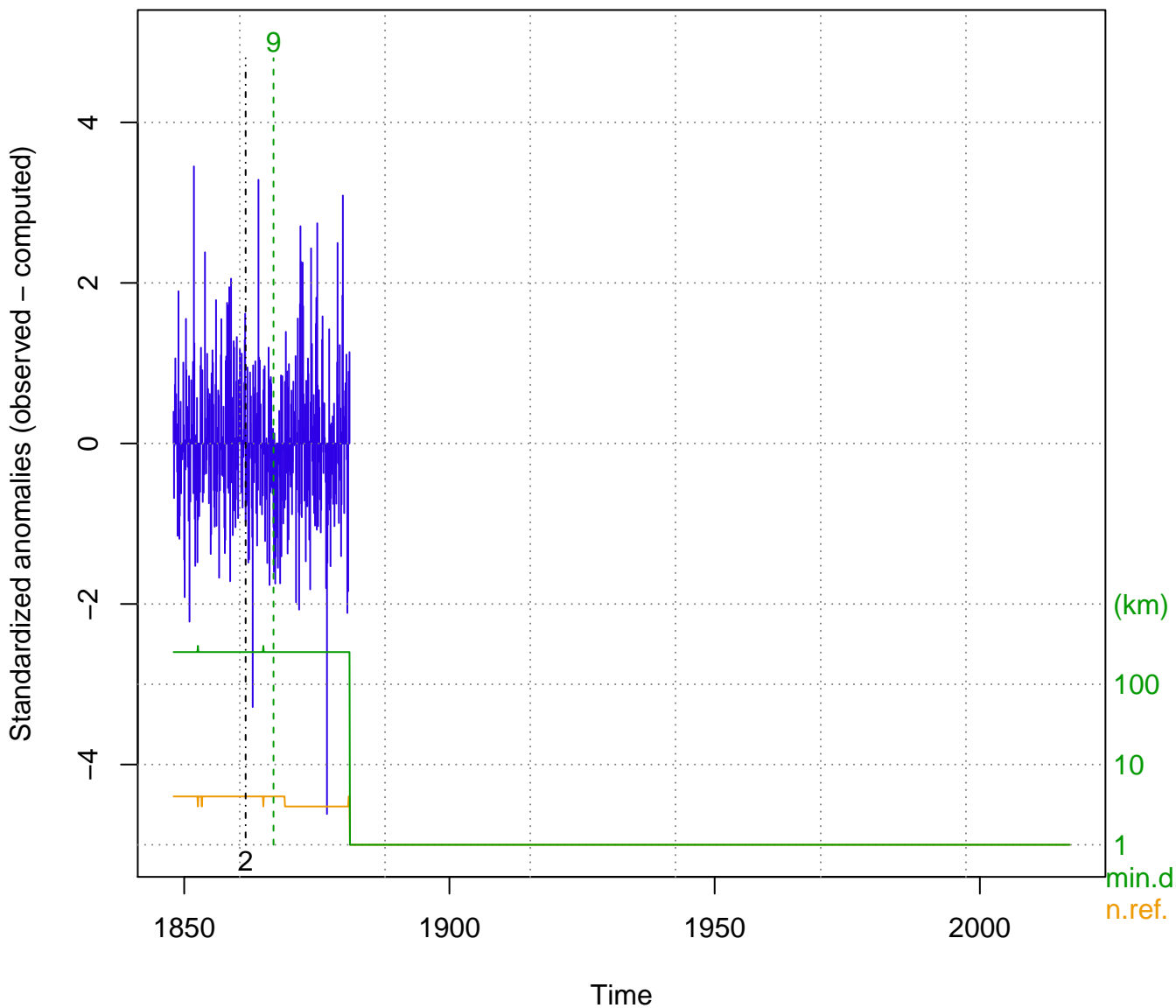




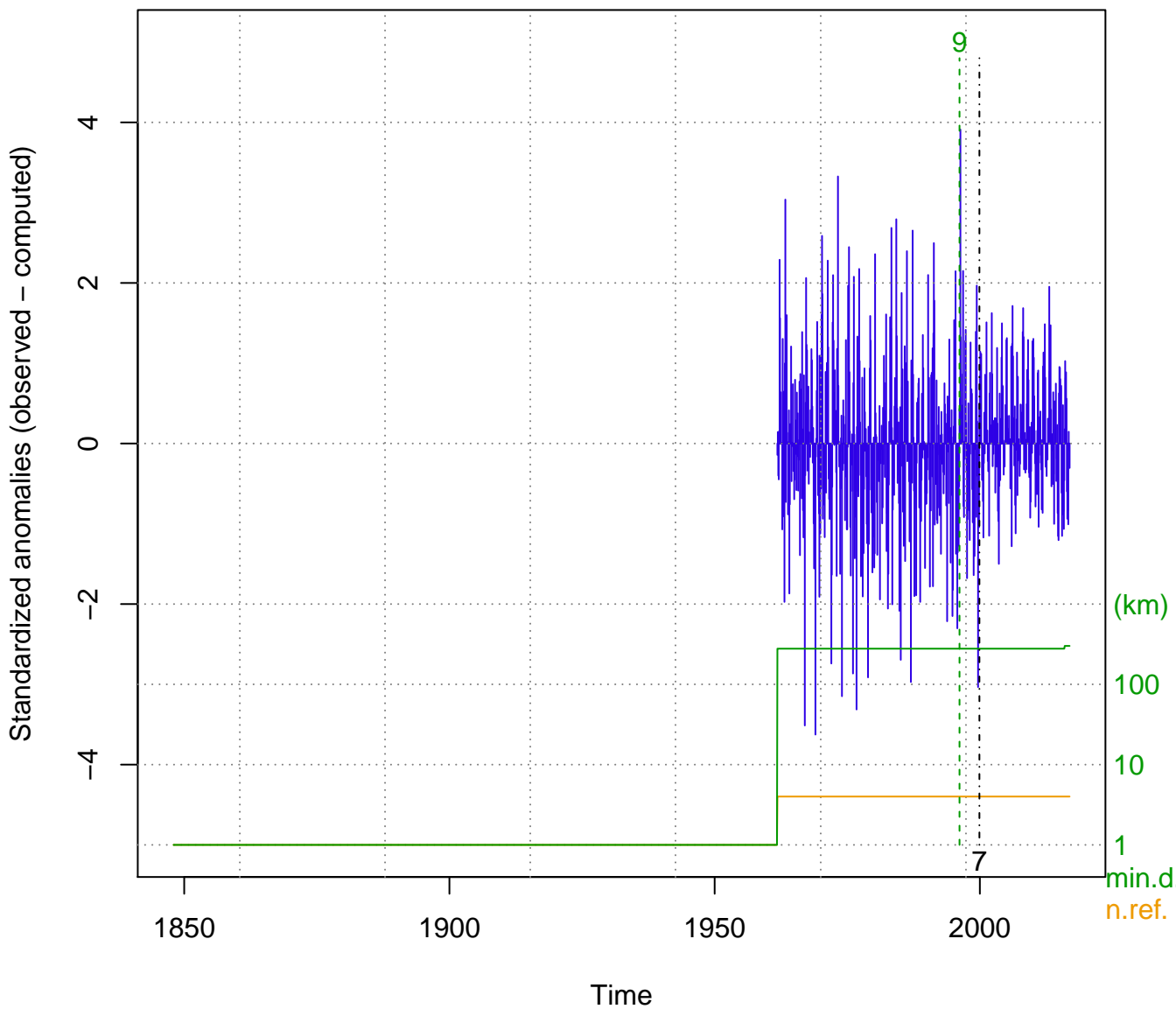
# Ttest2 at poczdam(2), poczdam



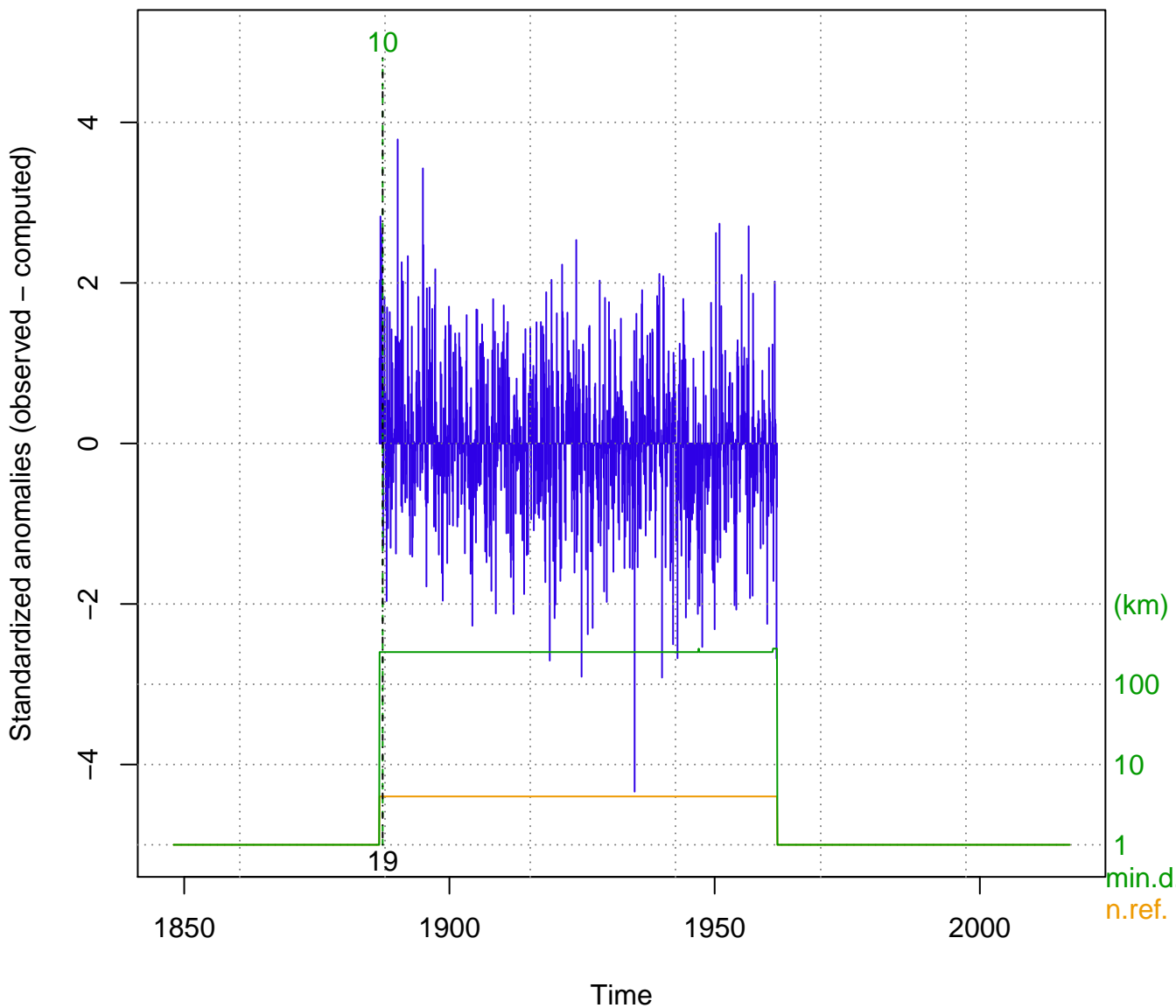
# Ttest2 at warszawa(3), warszawa



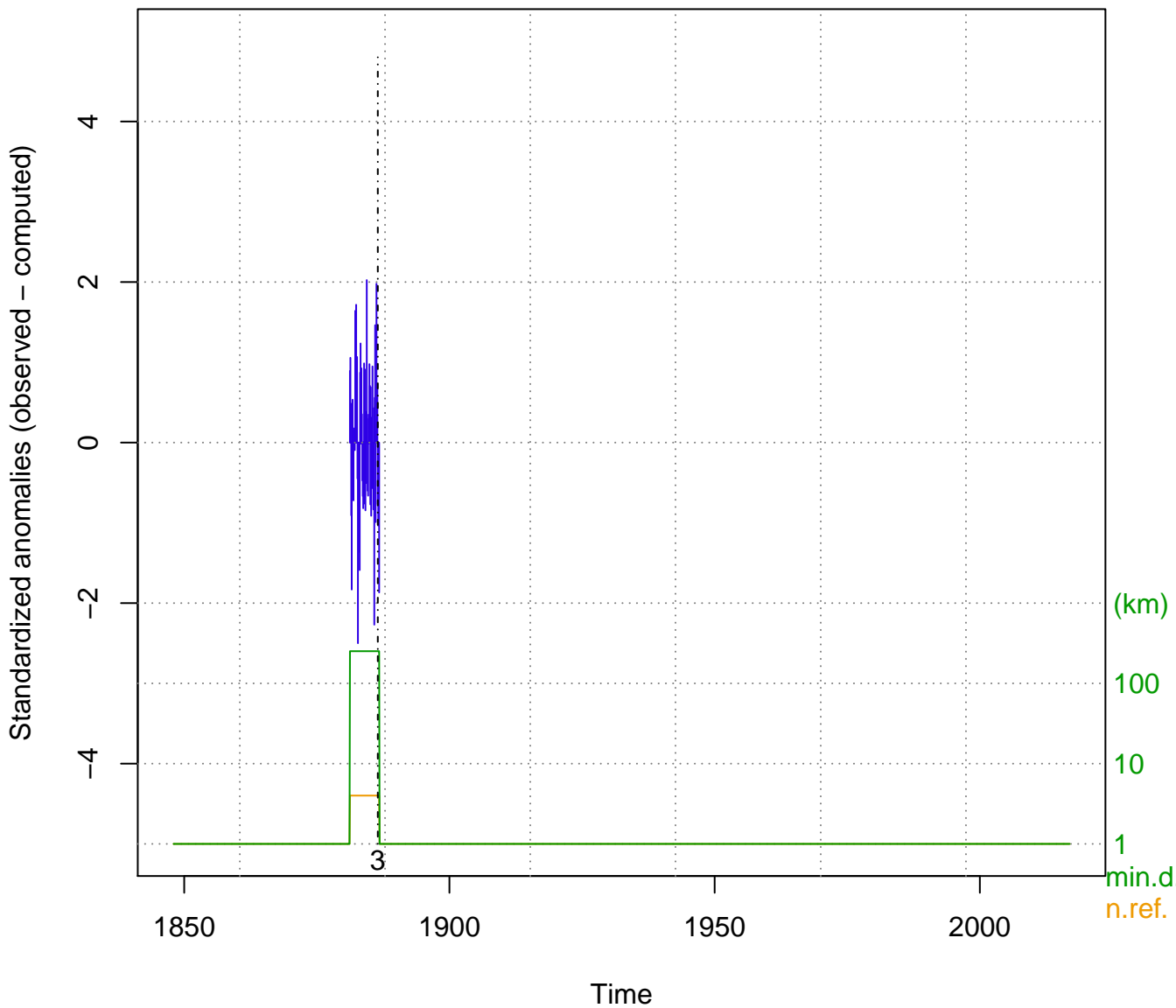
# Ttest2 at warszawa-2(11), warszawa-2



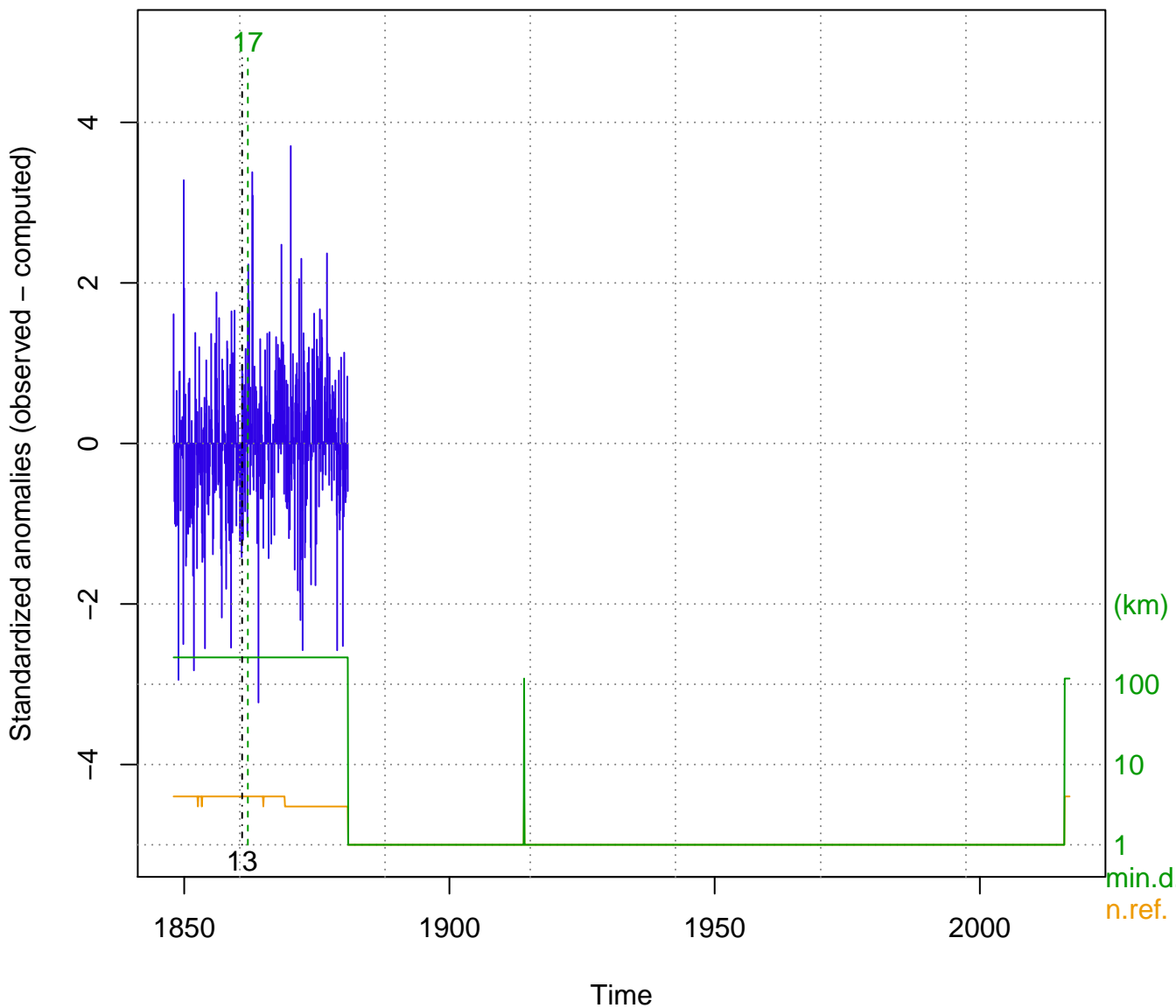
# Ttest2 at warszawa-3(14), warszawa-3



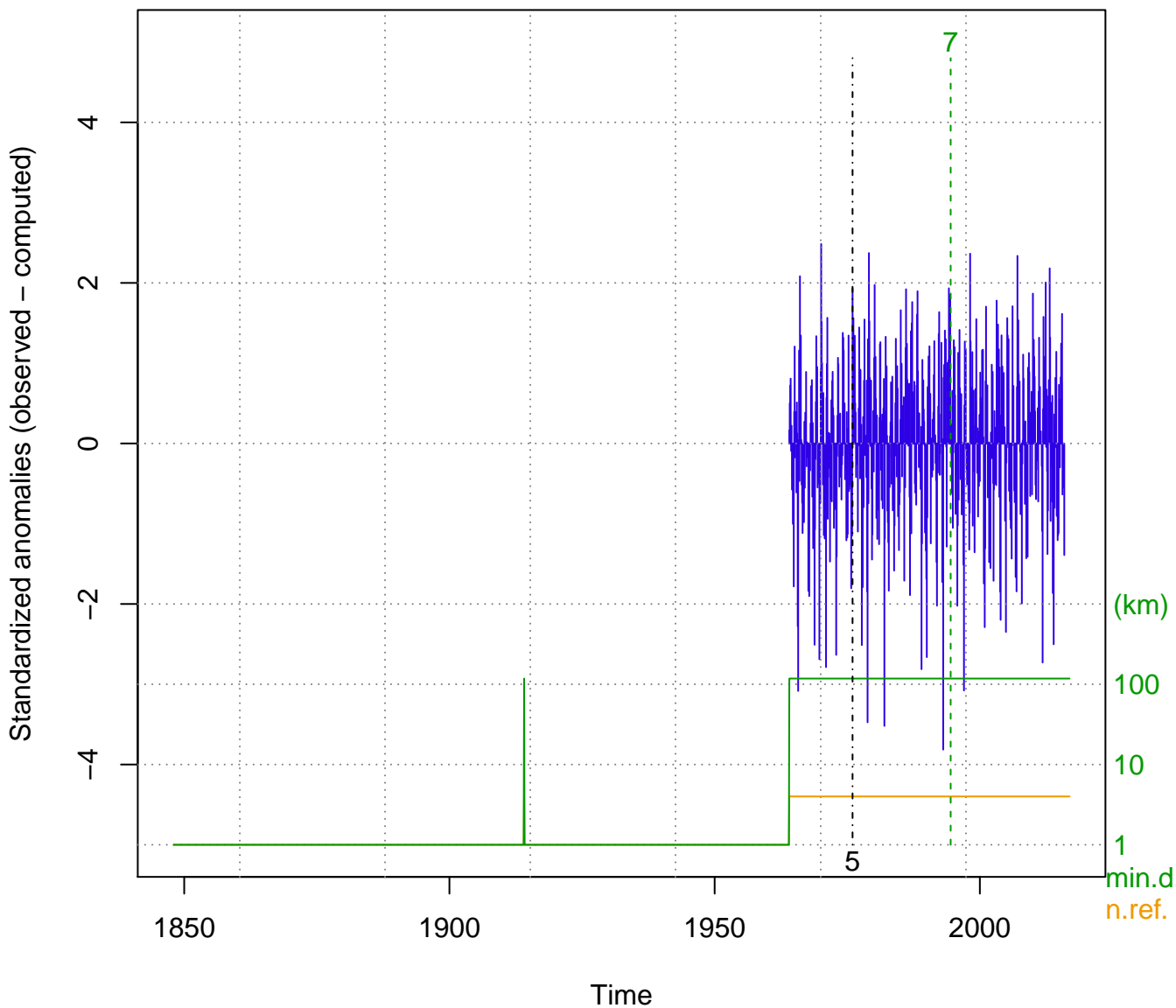
# Ttest2 at warszawa-4(20), warszawa-4



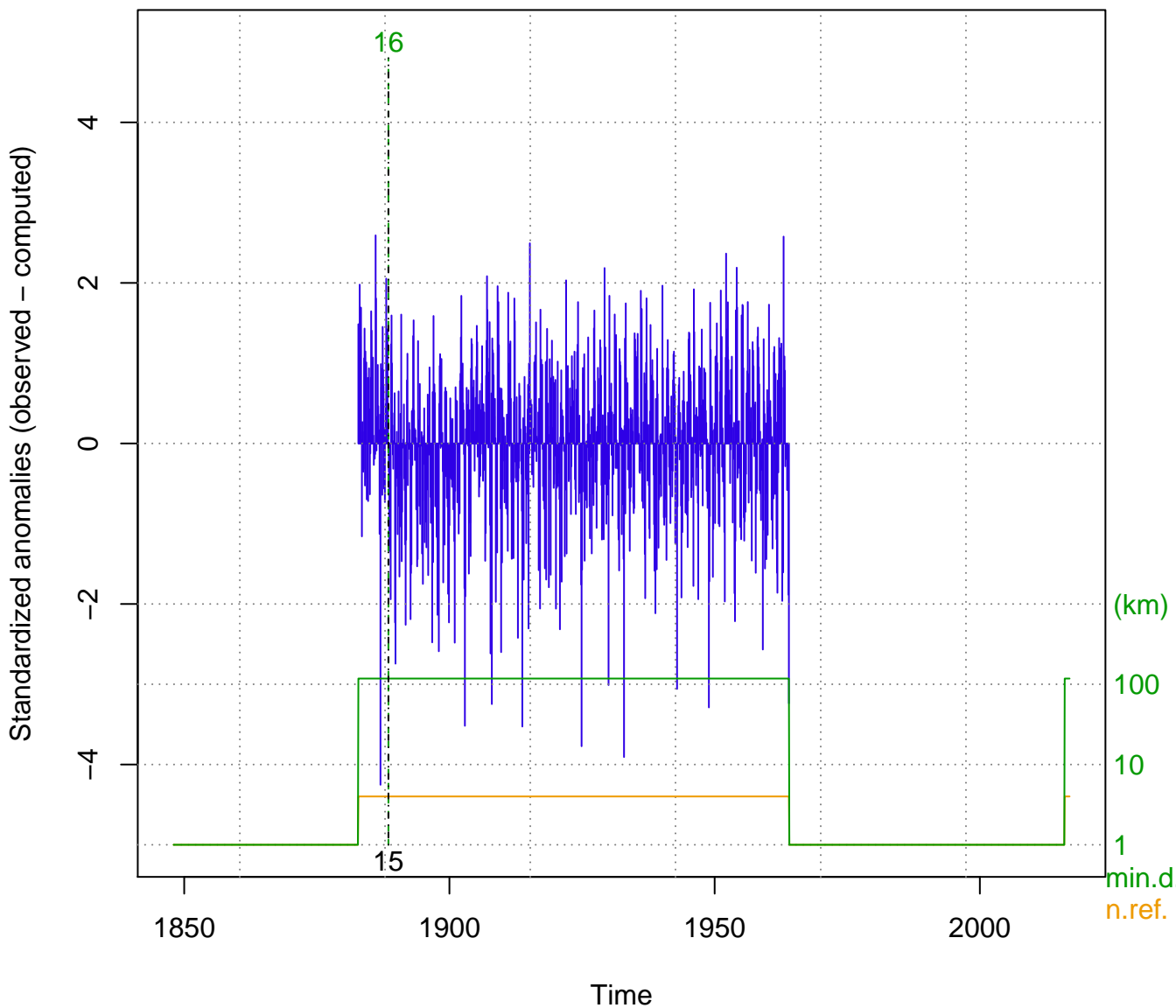
# Ttest2 at praga(4), praga



# Ttest2 at praga-2(10), praga-2

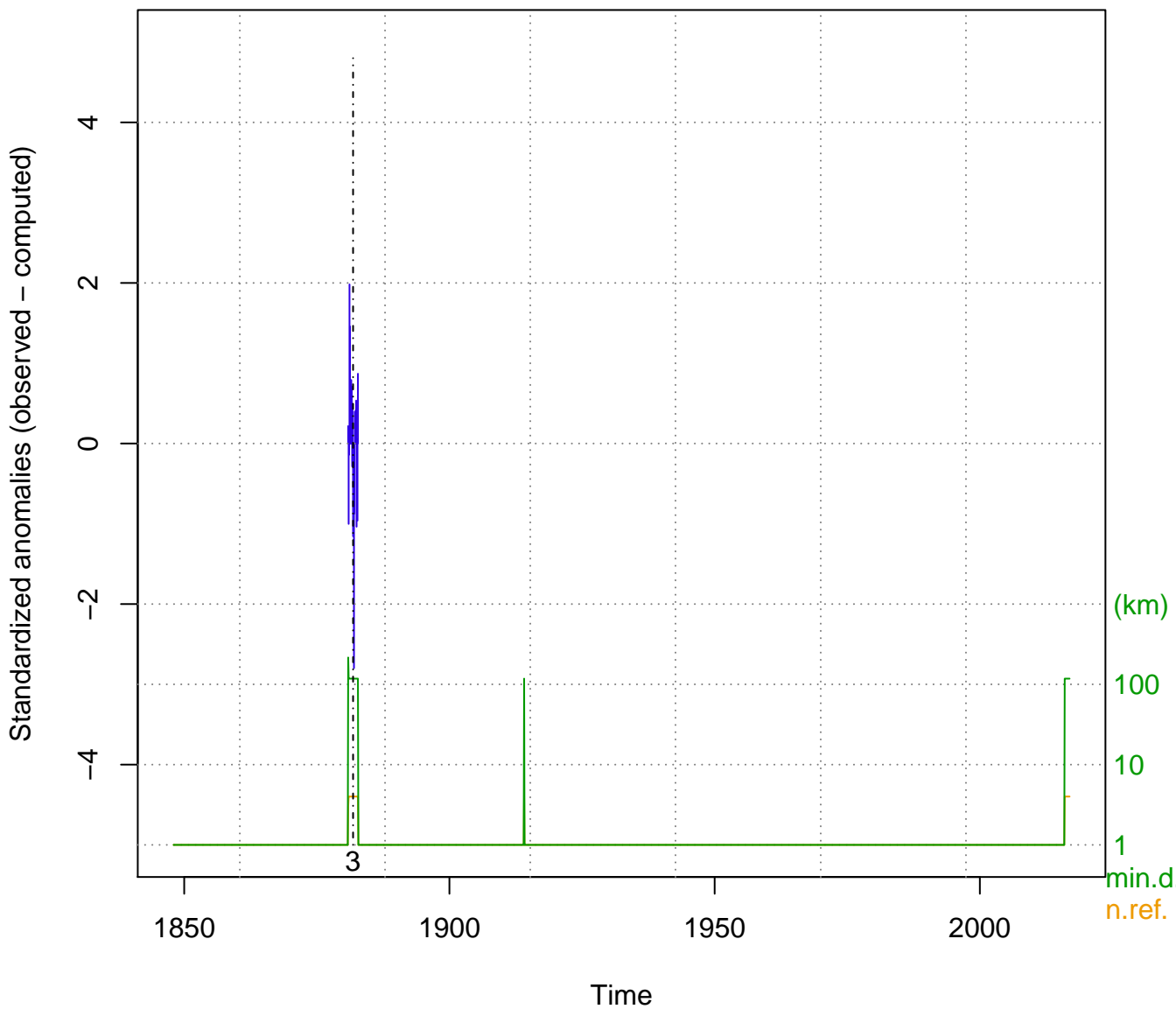


# Ttest2 at praga-3(15), praga-3

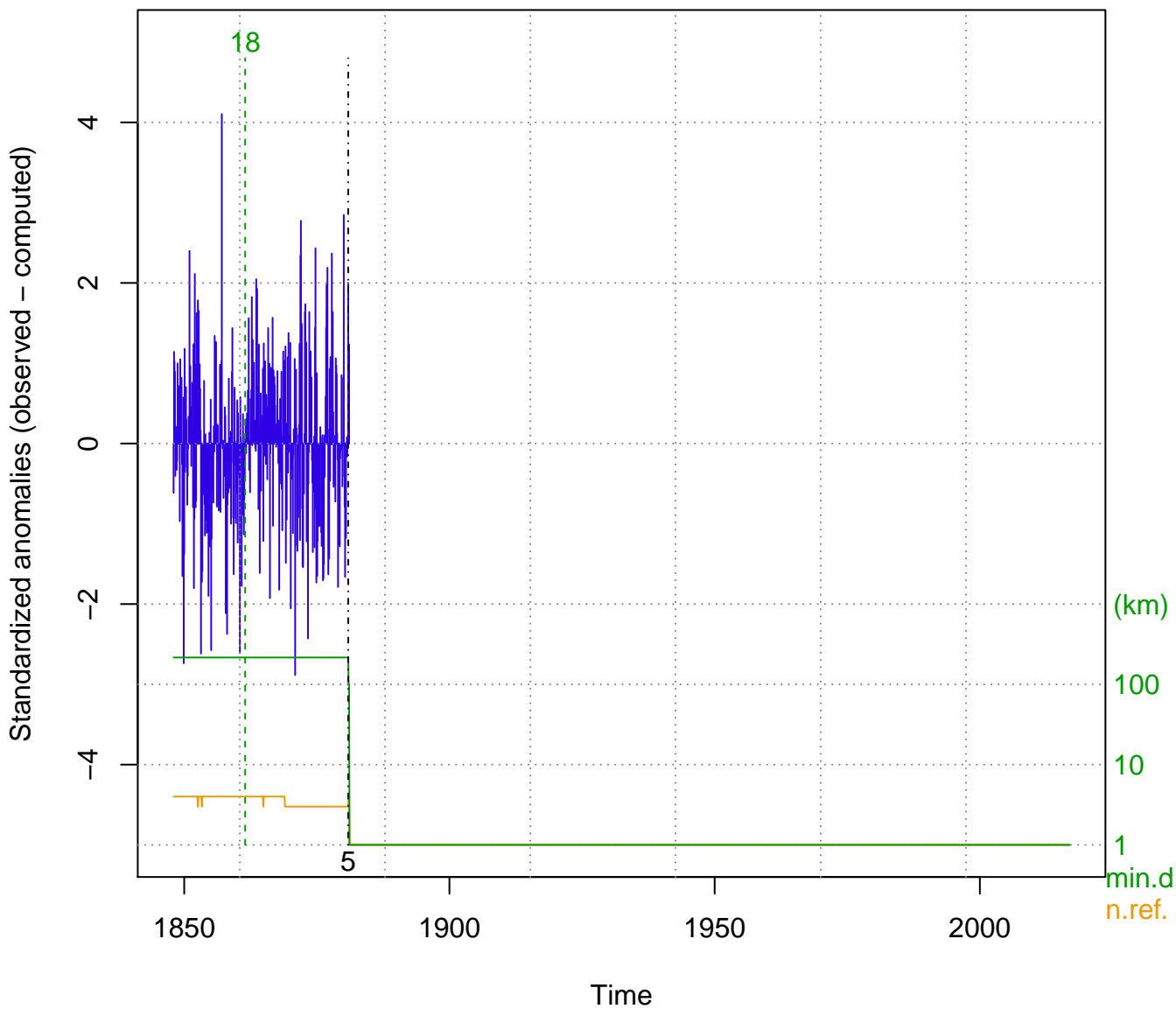




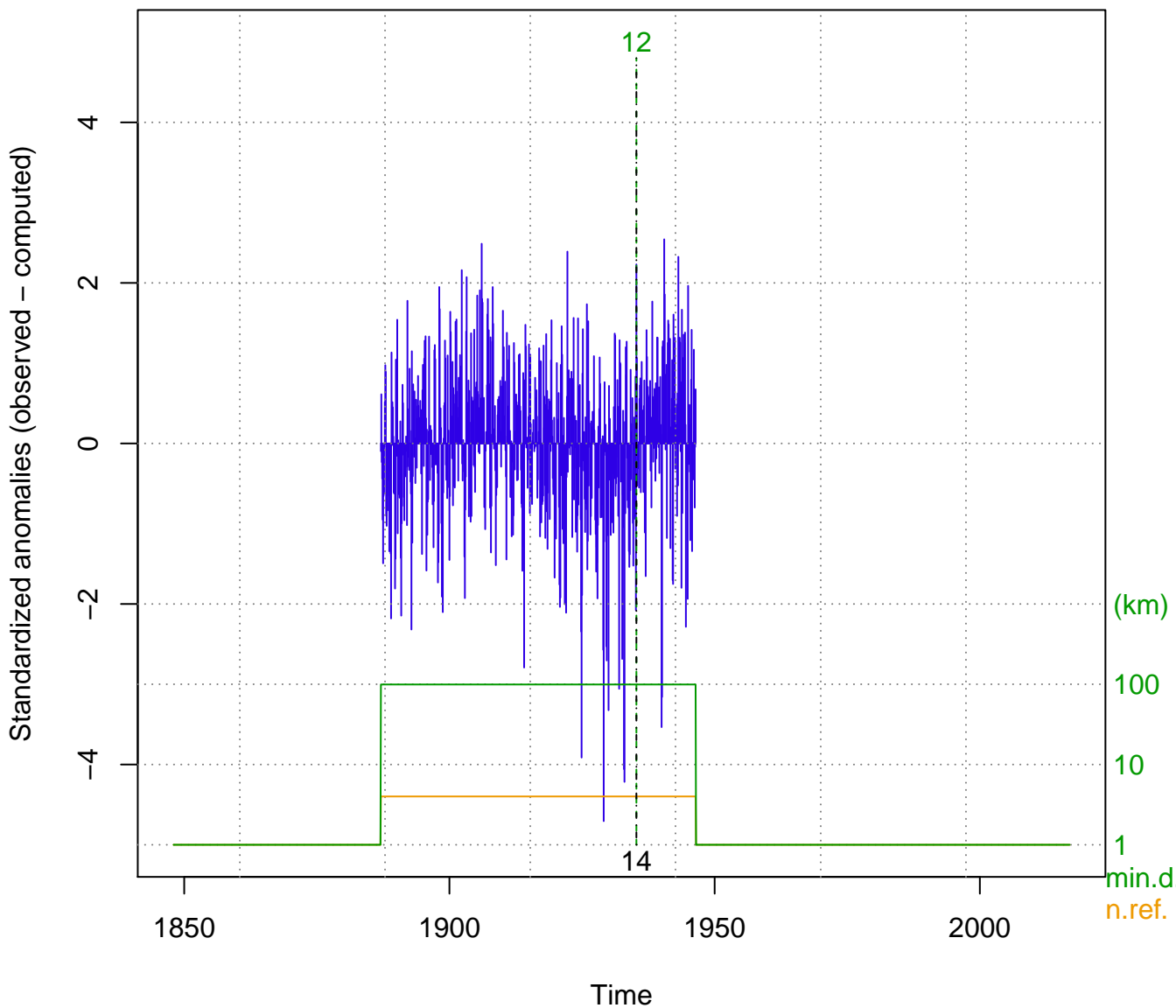
# Ttest2 at praga-4(21), praga-4



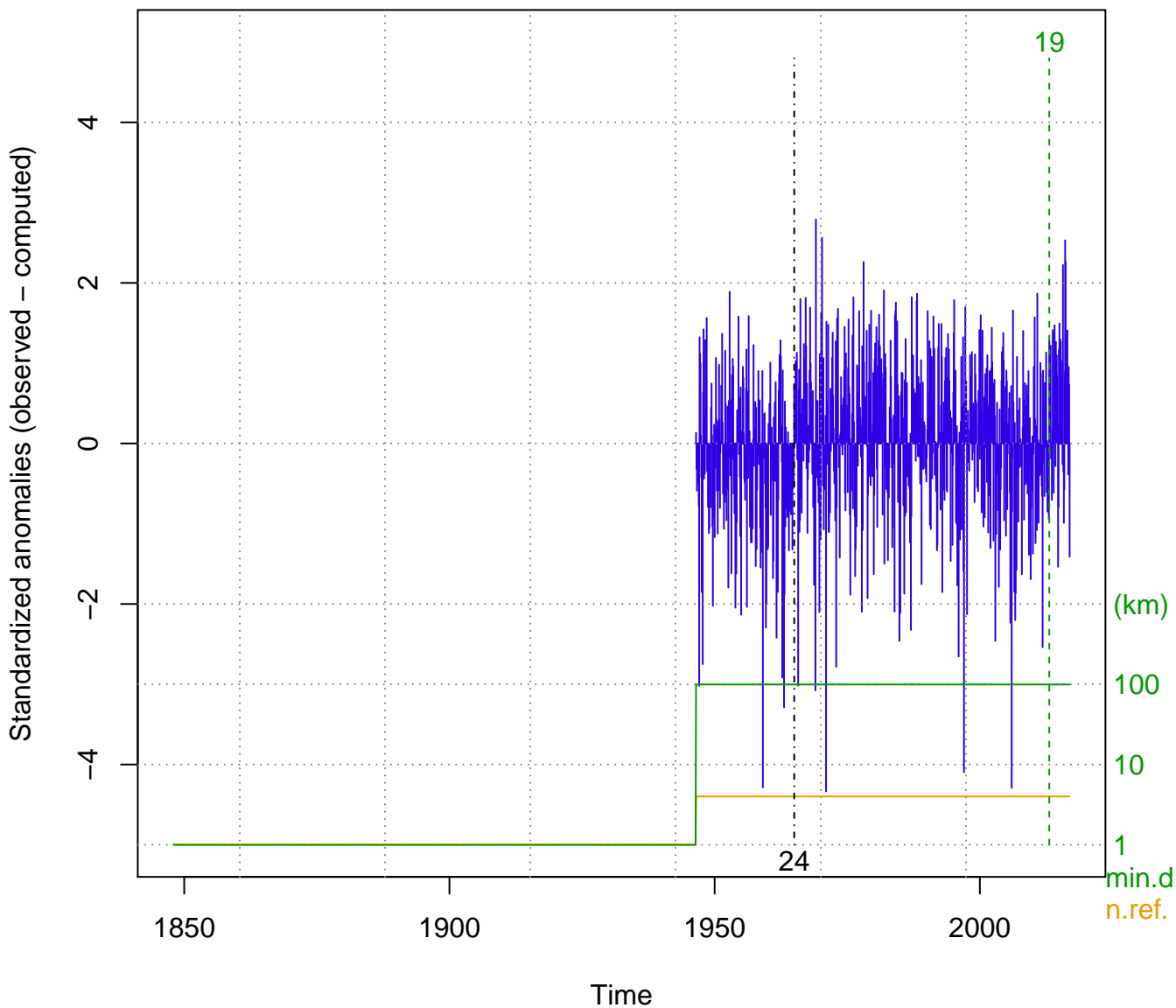
# Ttest2 at wroclaw(5), wroclaw



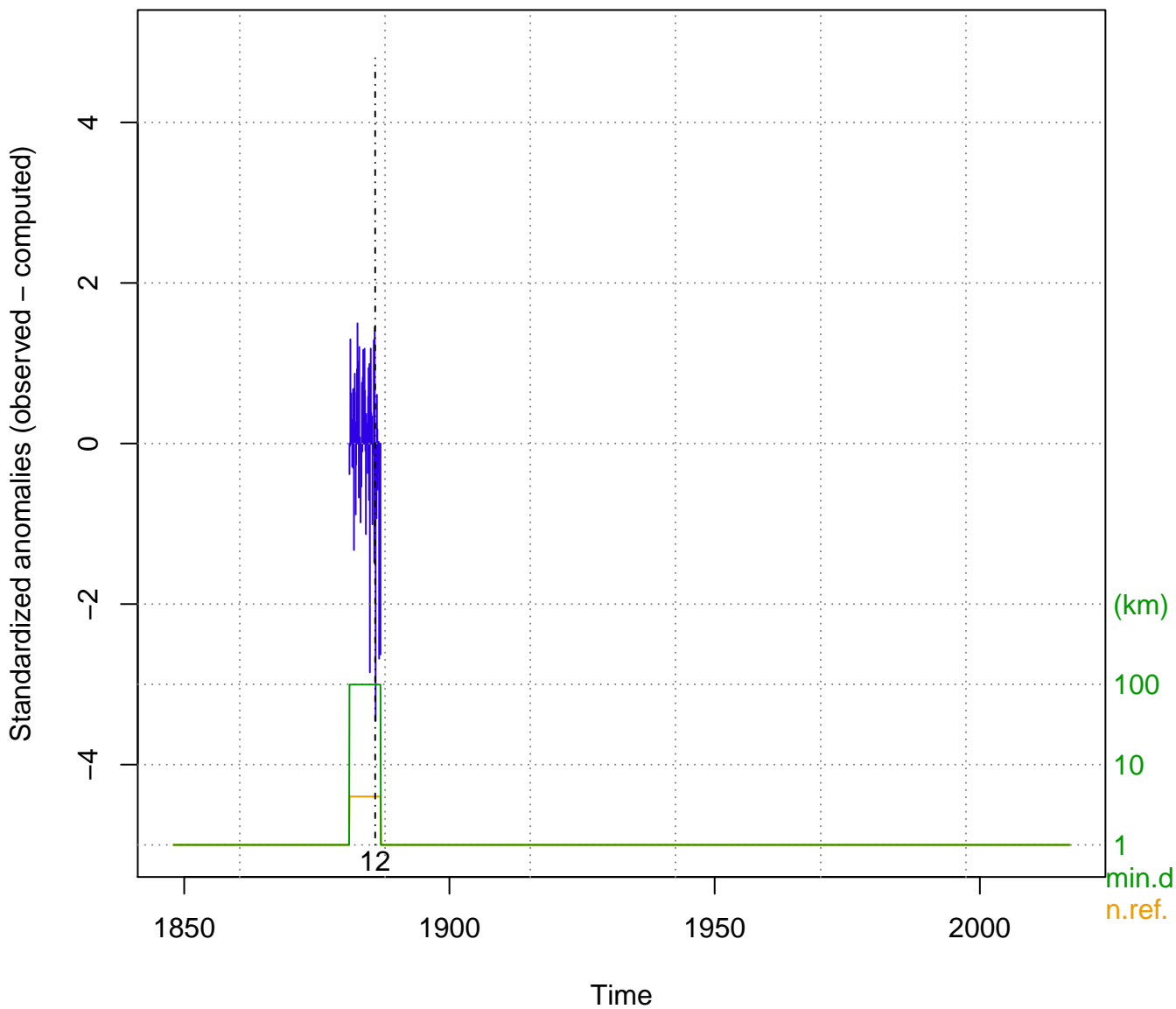
# Ttest2 at wroclaw-2(12), wroclaw-2



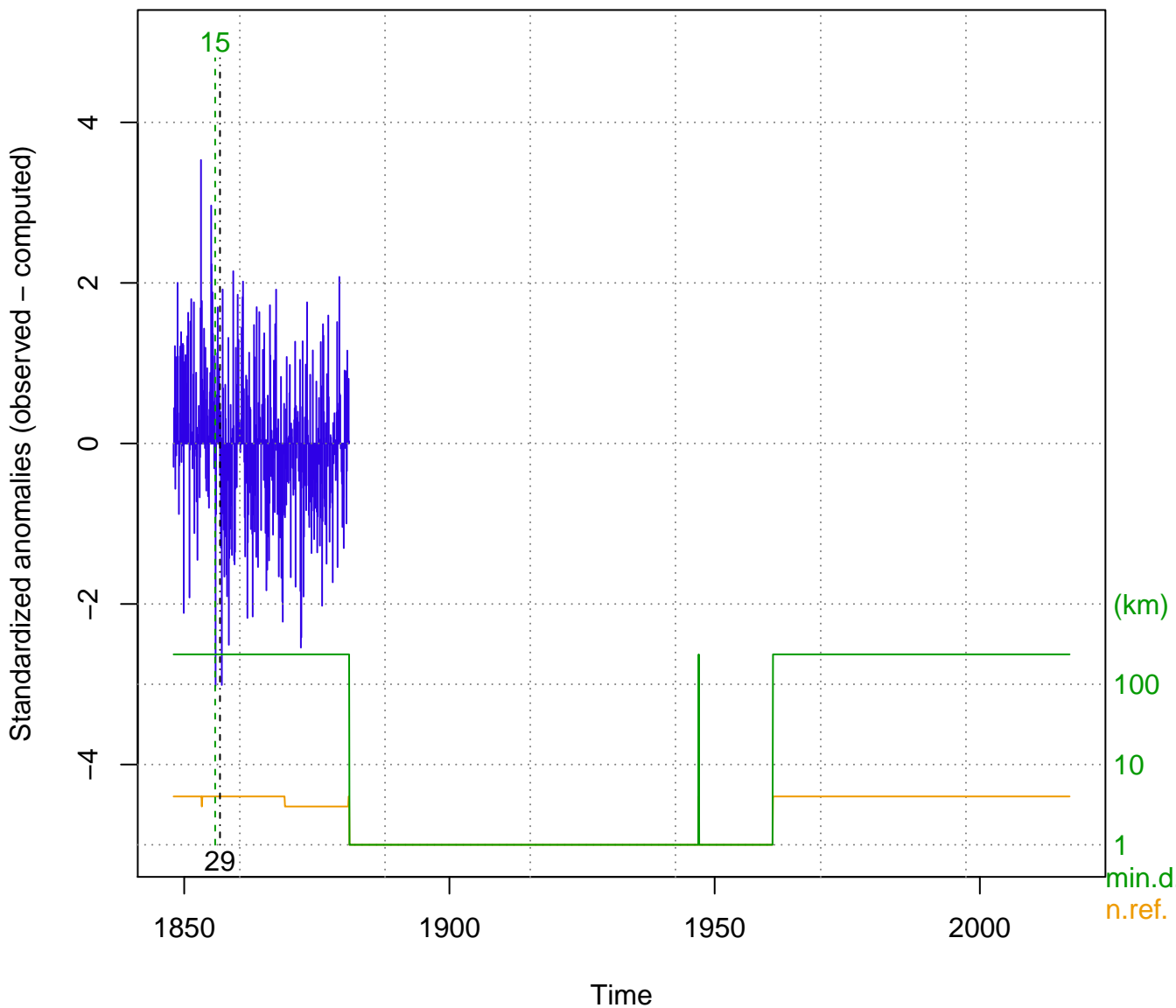
# Ttest2 at wroclaw-3(16), wroclaw-3



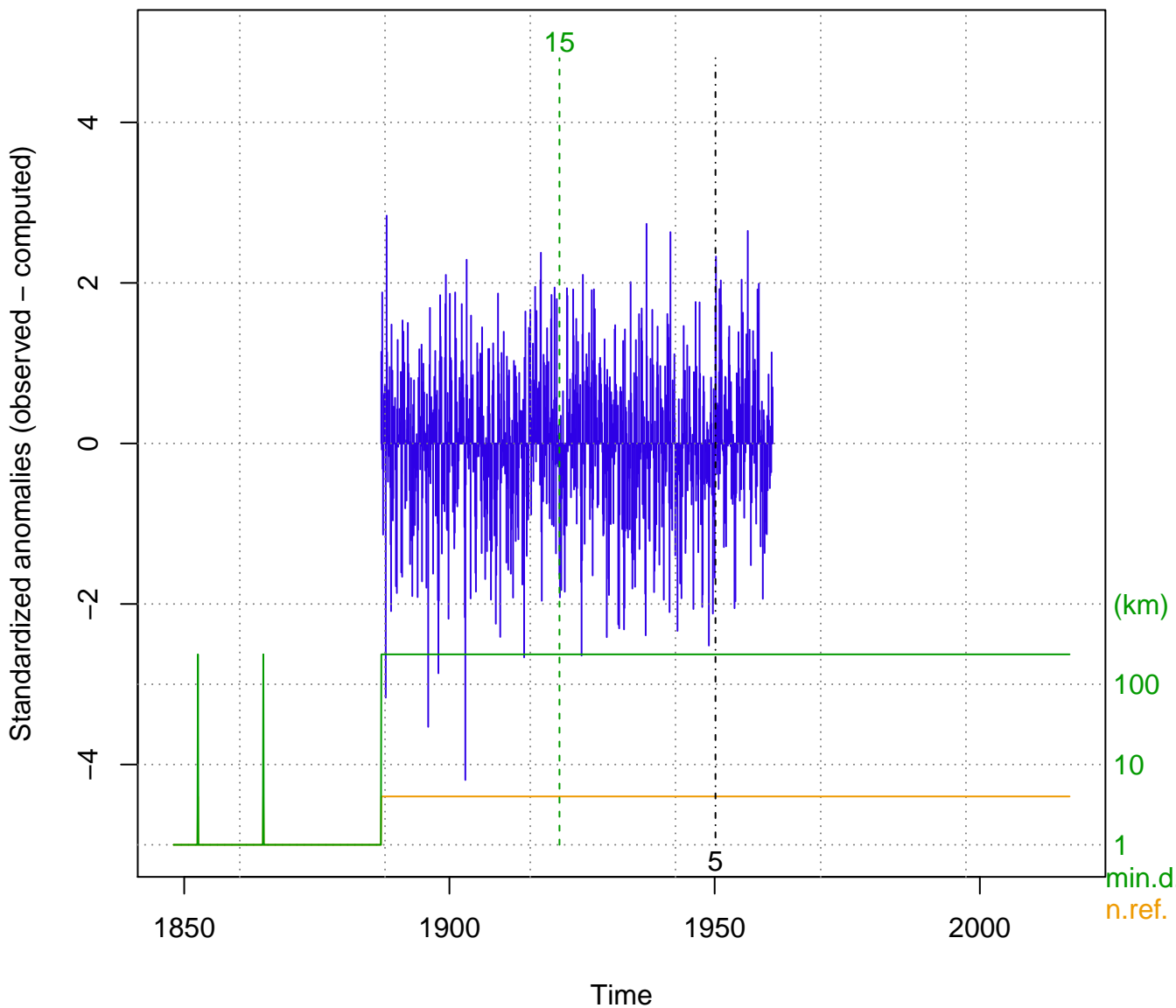
# Ttest2 at wroclaw-4(18), wroclaw-4



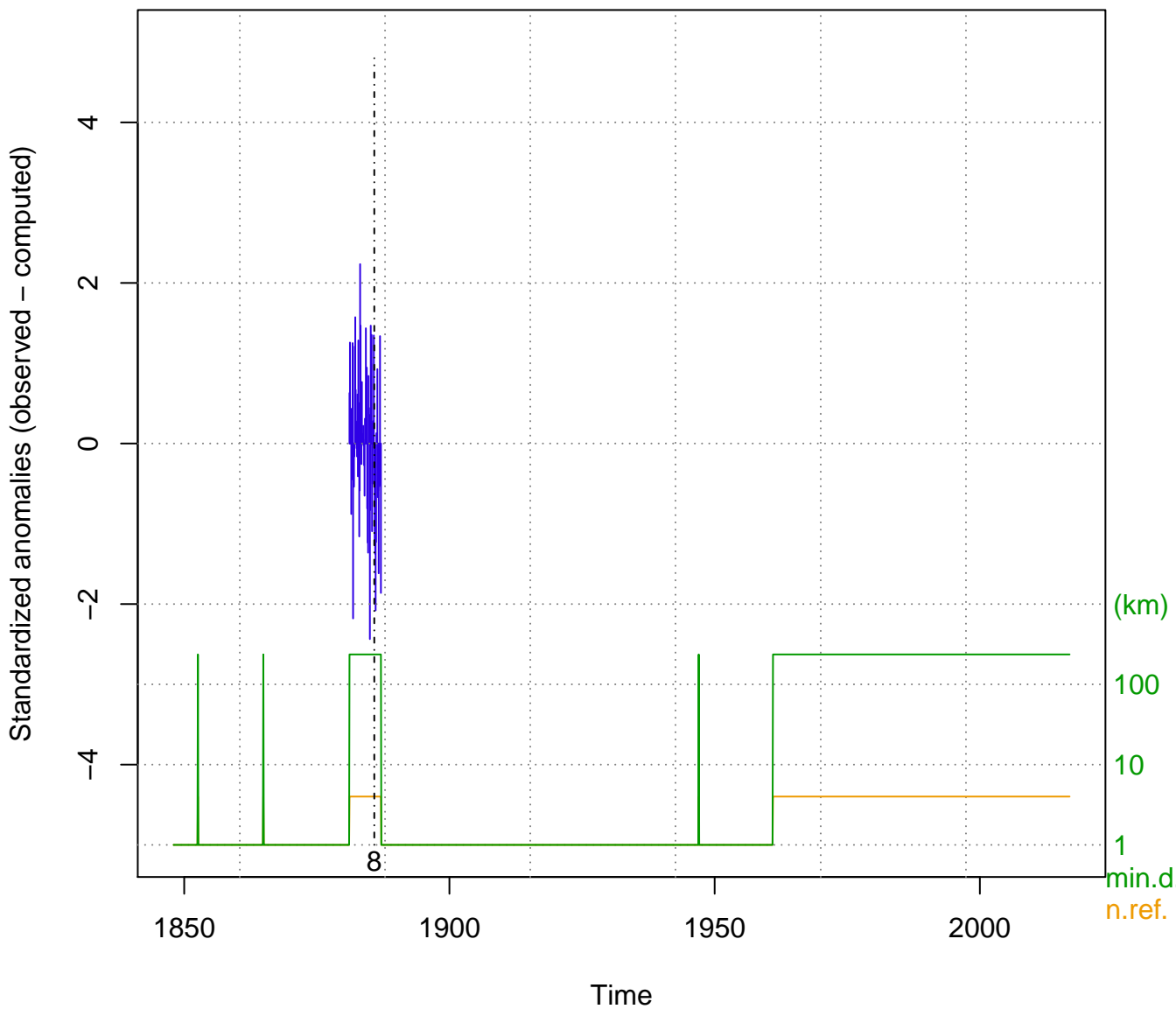
# Ttest2 at krakow(6), krakow



# Ttest2 at krakow-2(13), krakow-2

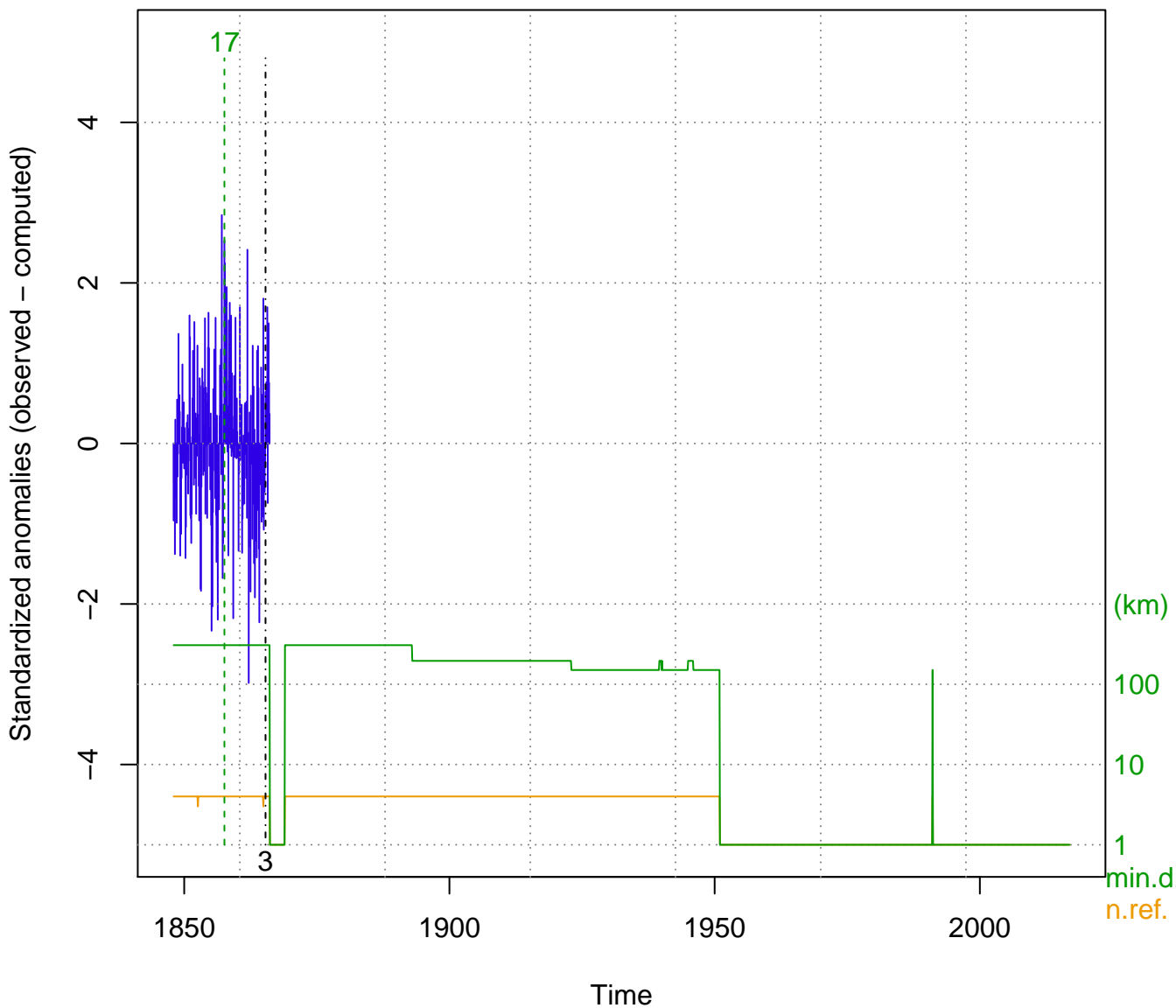


# Ttest2 at krakow-3(19), krakow-3

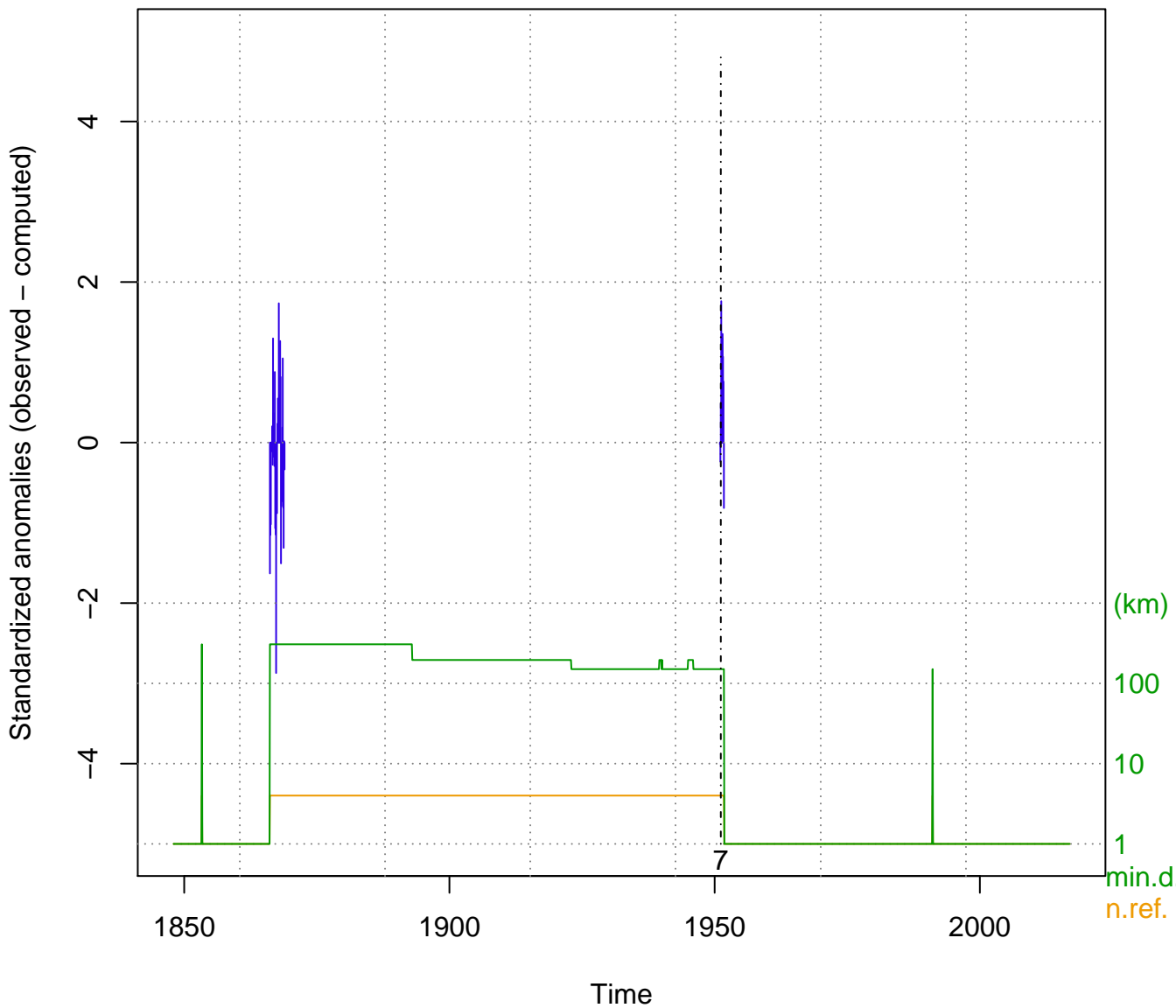




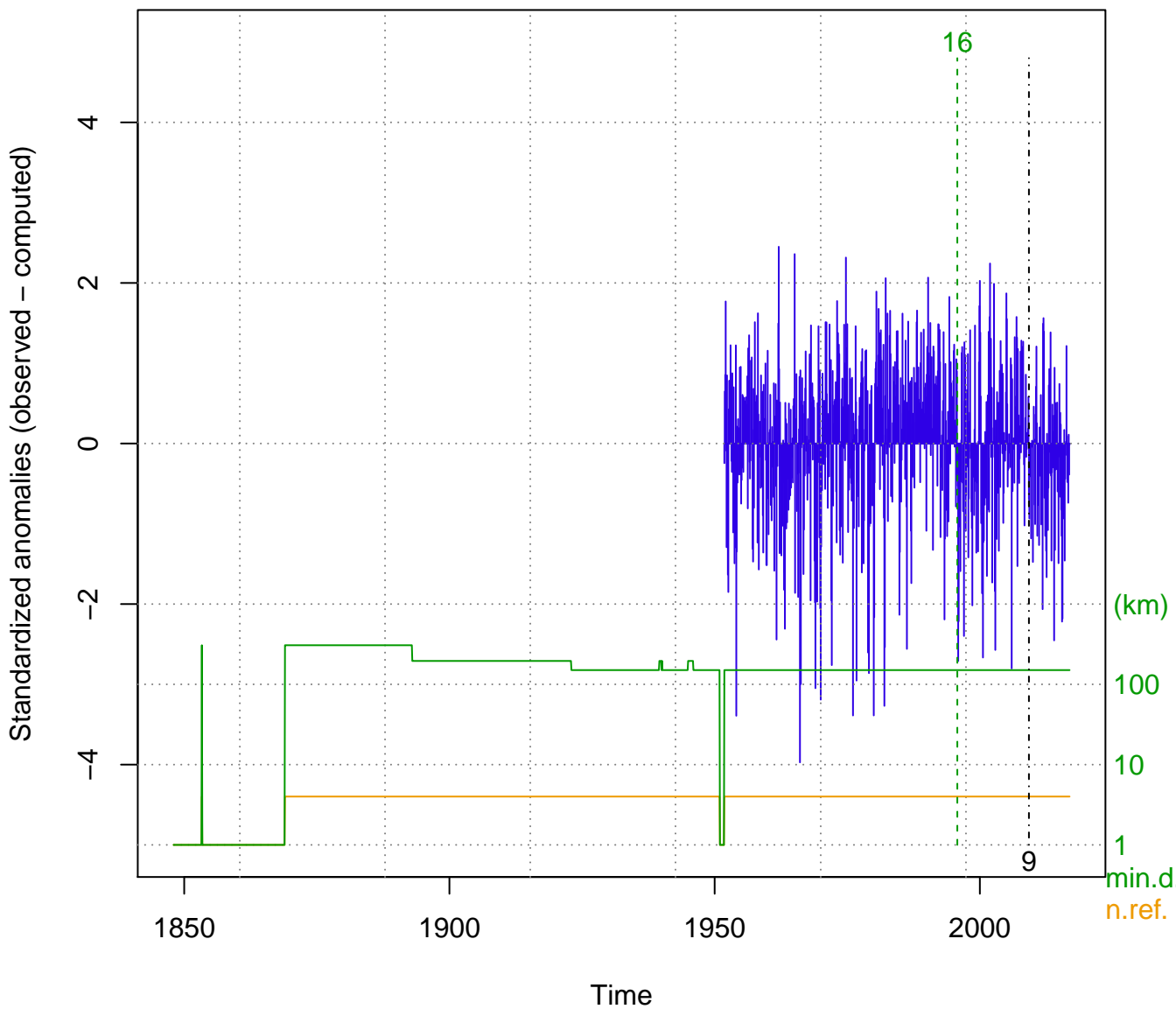
# Ttest2 at szczecin(7), szczecin



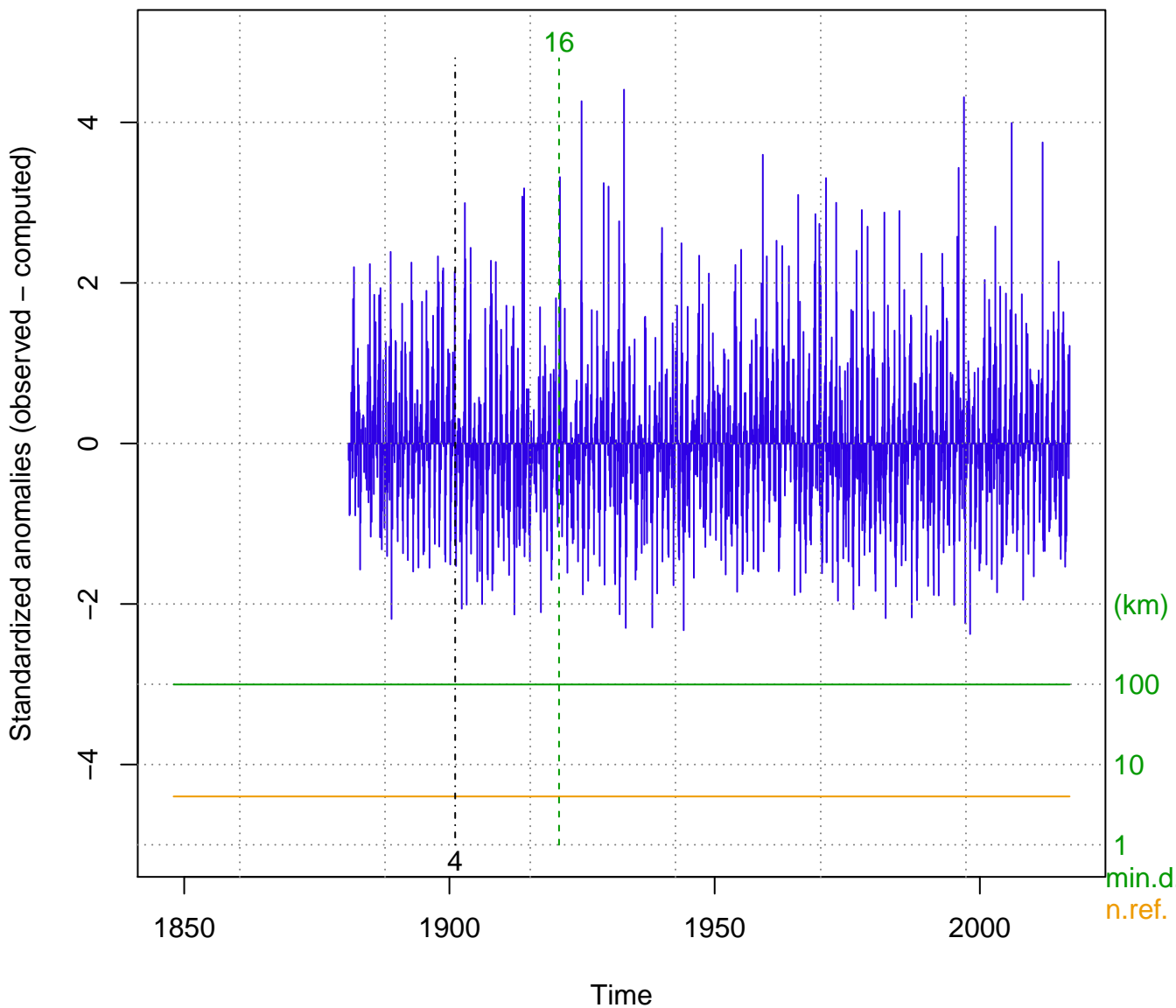
# Ttest2 at szczecin-2(9), szczecin-2



# Ttest2 at szczecin-3(17), szczecin-3



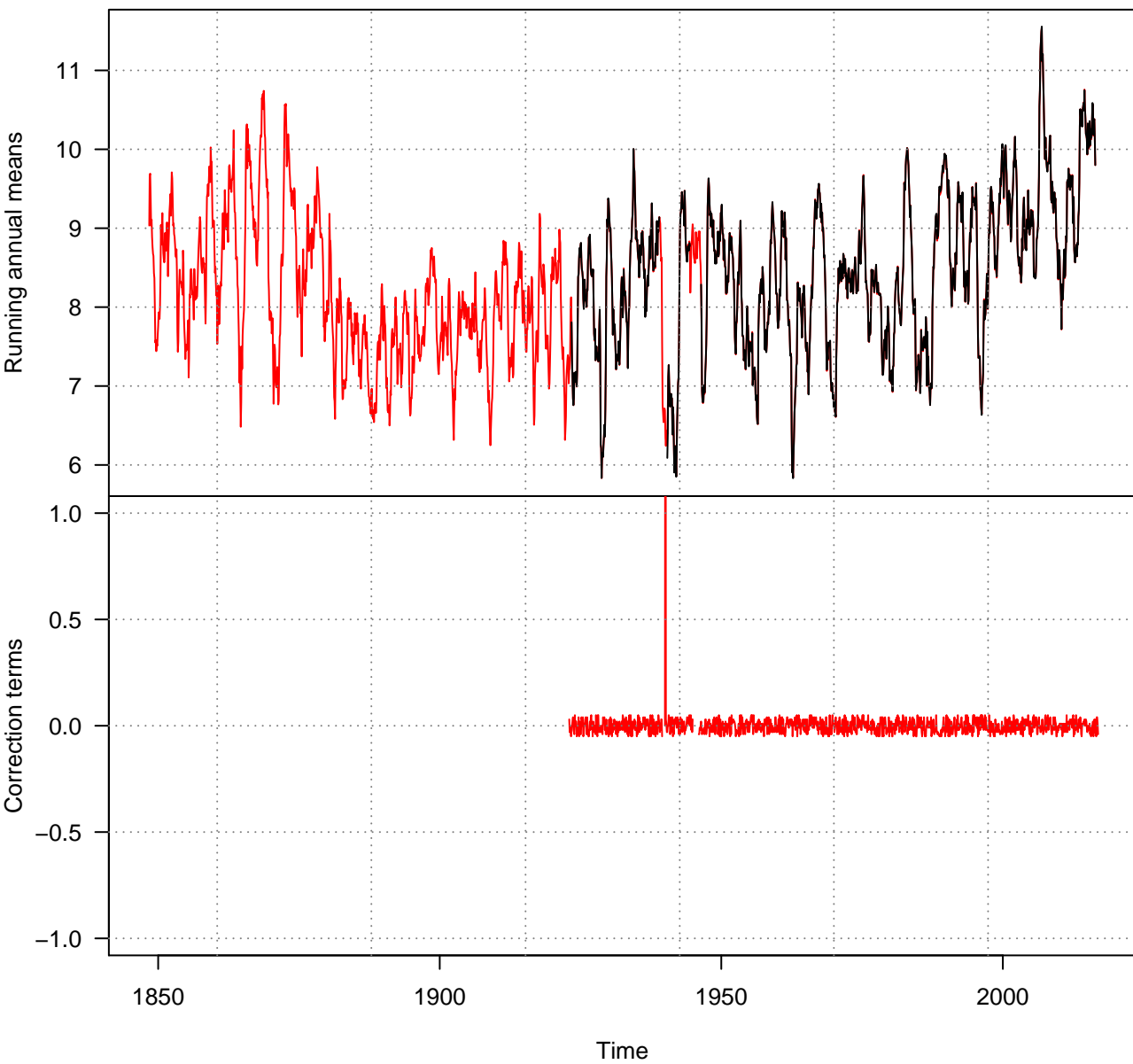
# Ttest2 at sniezka(8), sniezka



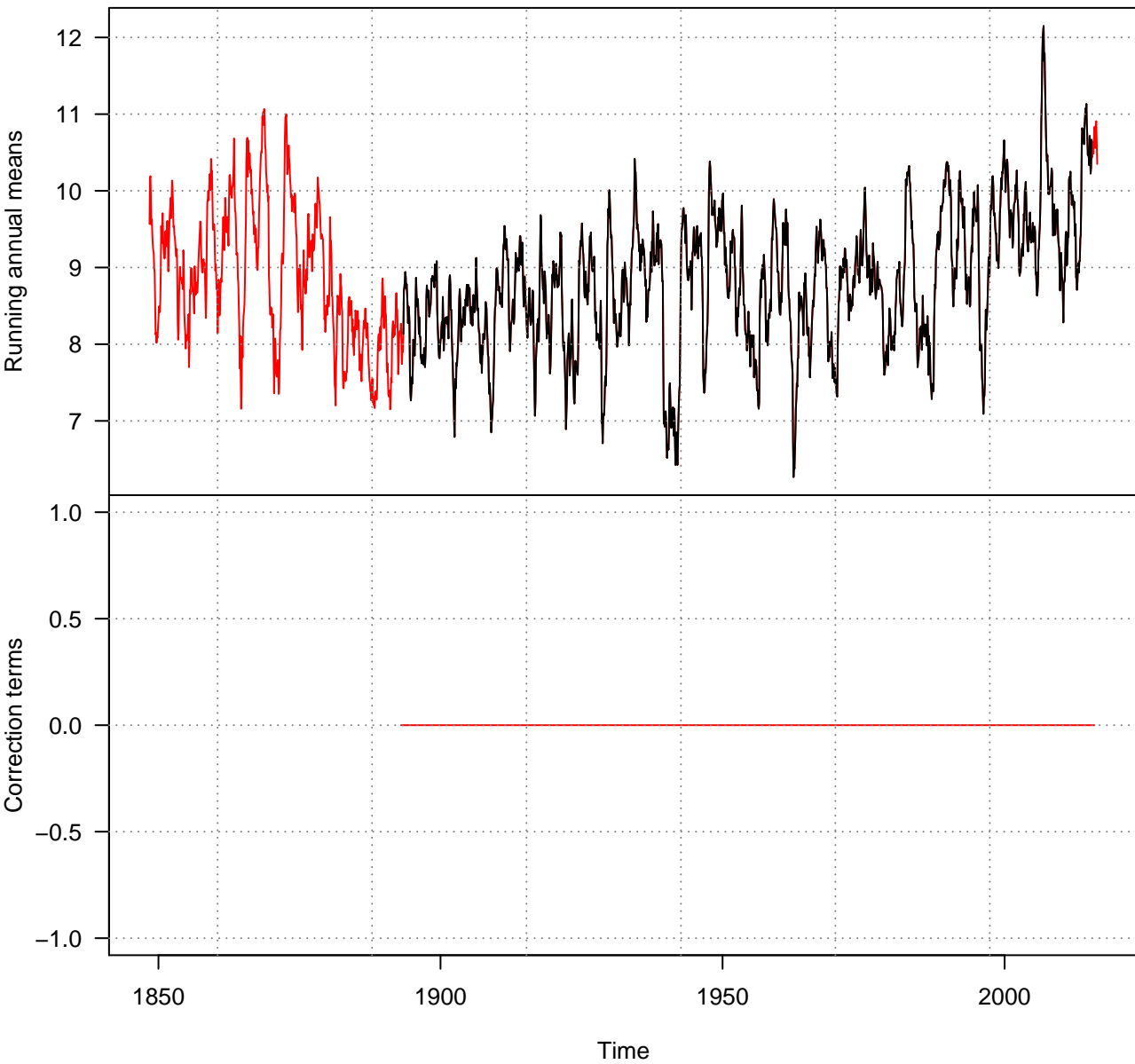
# Final graphics

Adjusted series and  
applied corrections

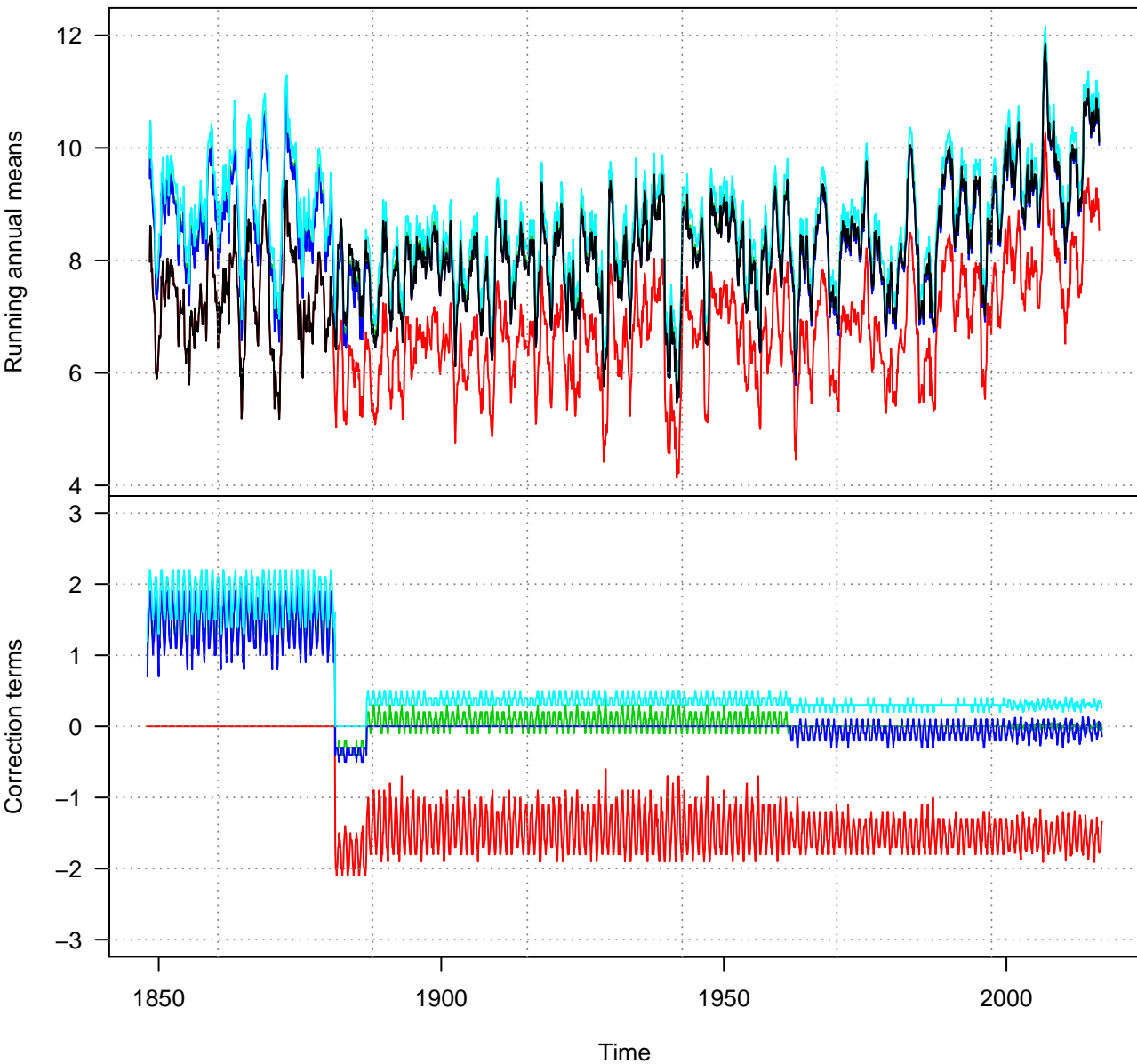
# Ttest2 at poznan(1), poznan



# Ttest2 at poczdam(2), poczdam

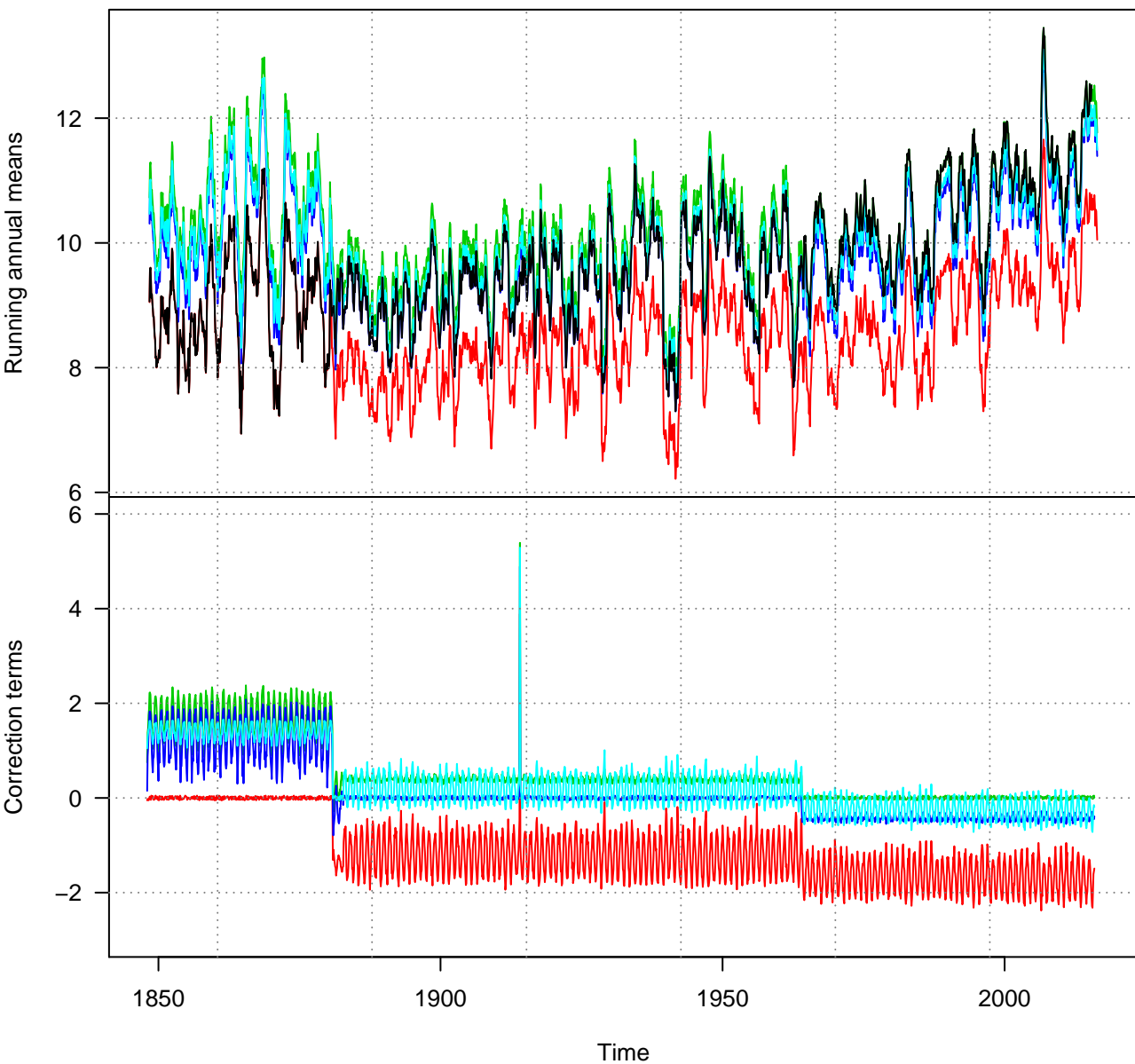


# Ttest2 at warszawa(3), warszawa

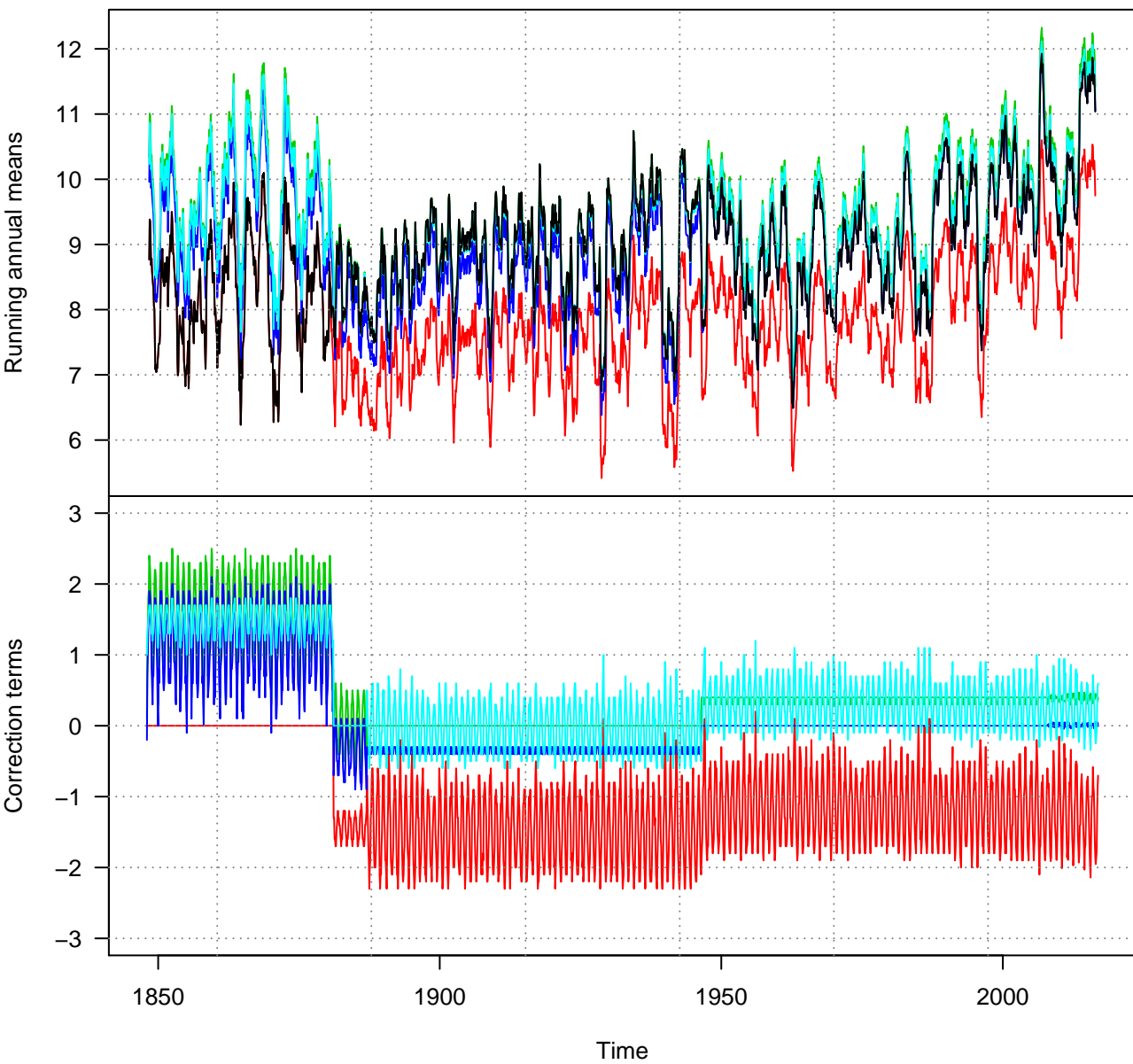




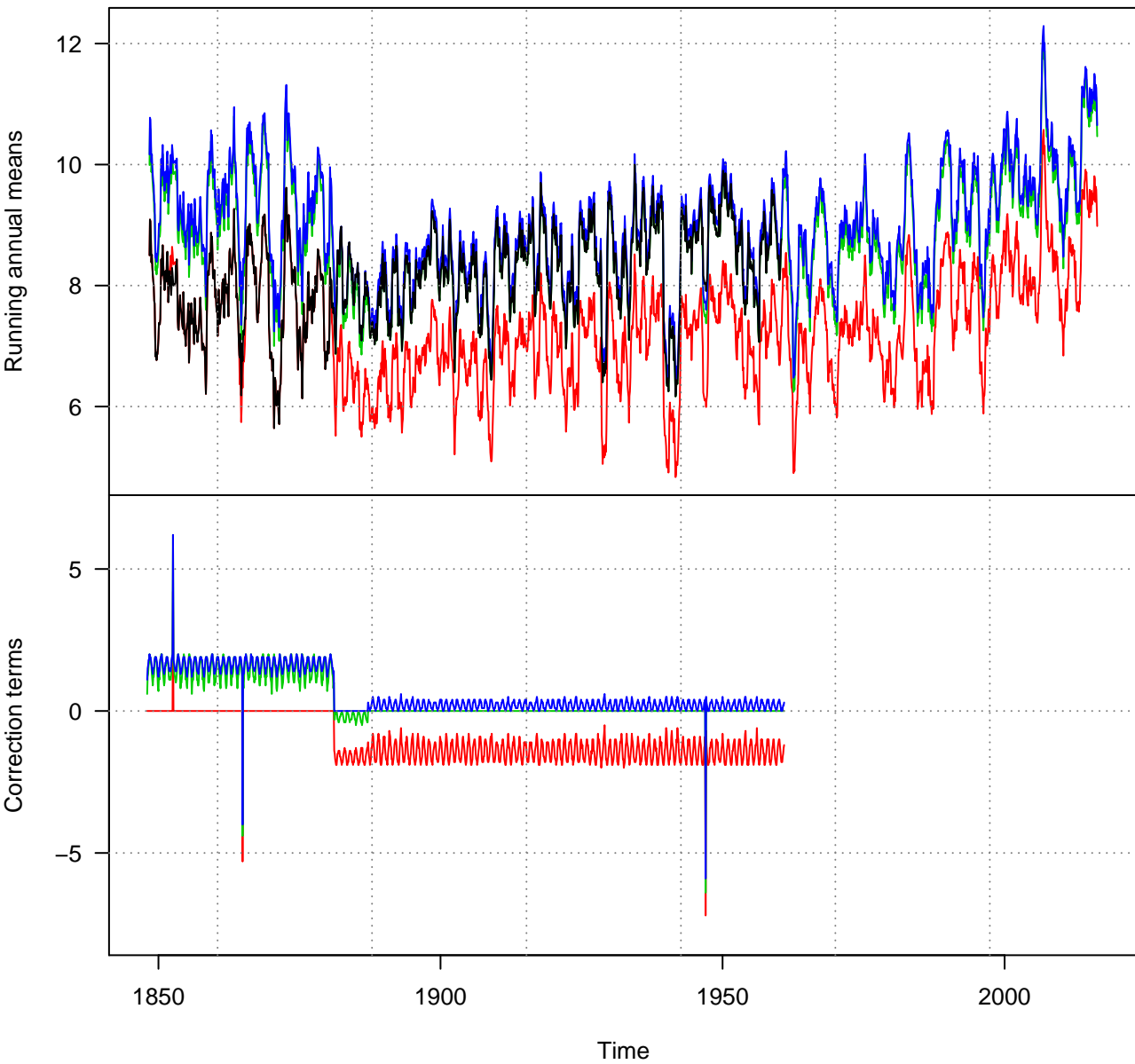
Ttest2 at praga(4), praga



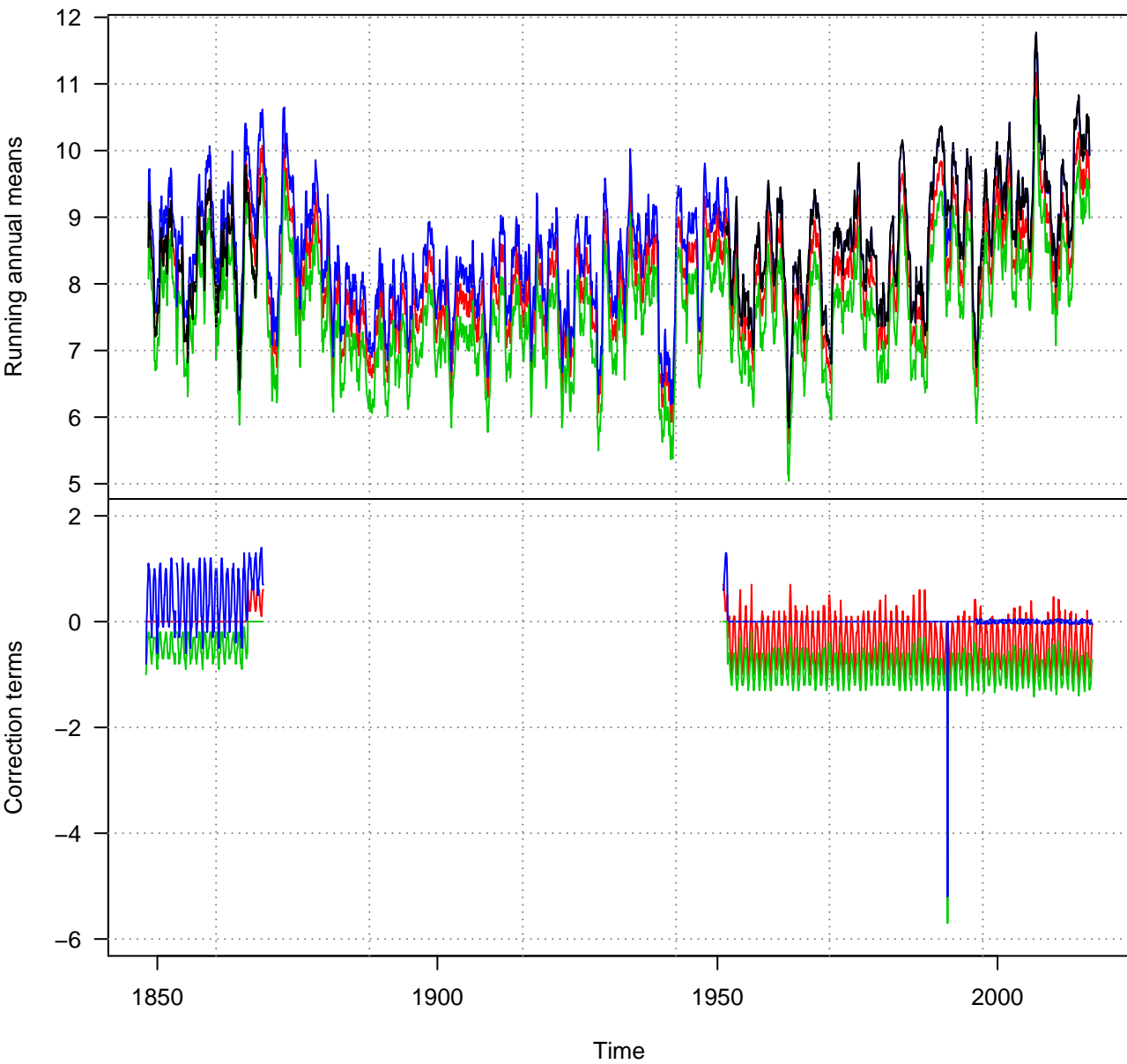
# Ttest2 at wroclaw(5), wroclaw



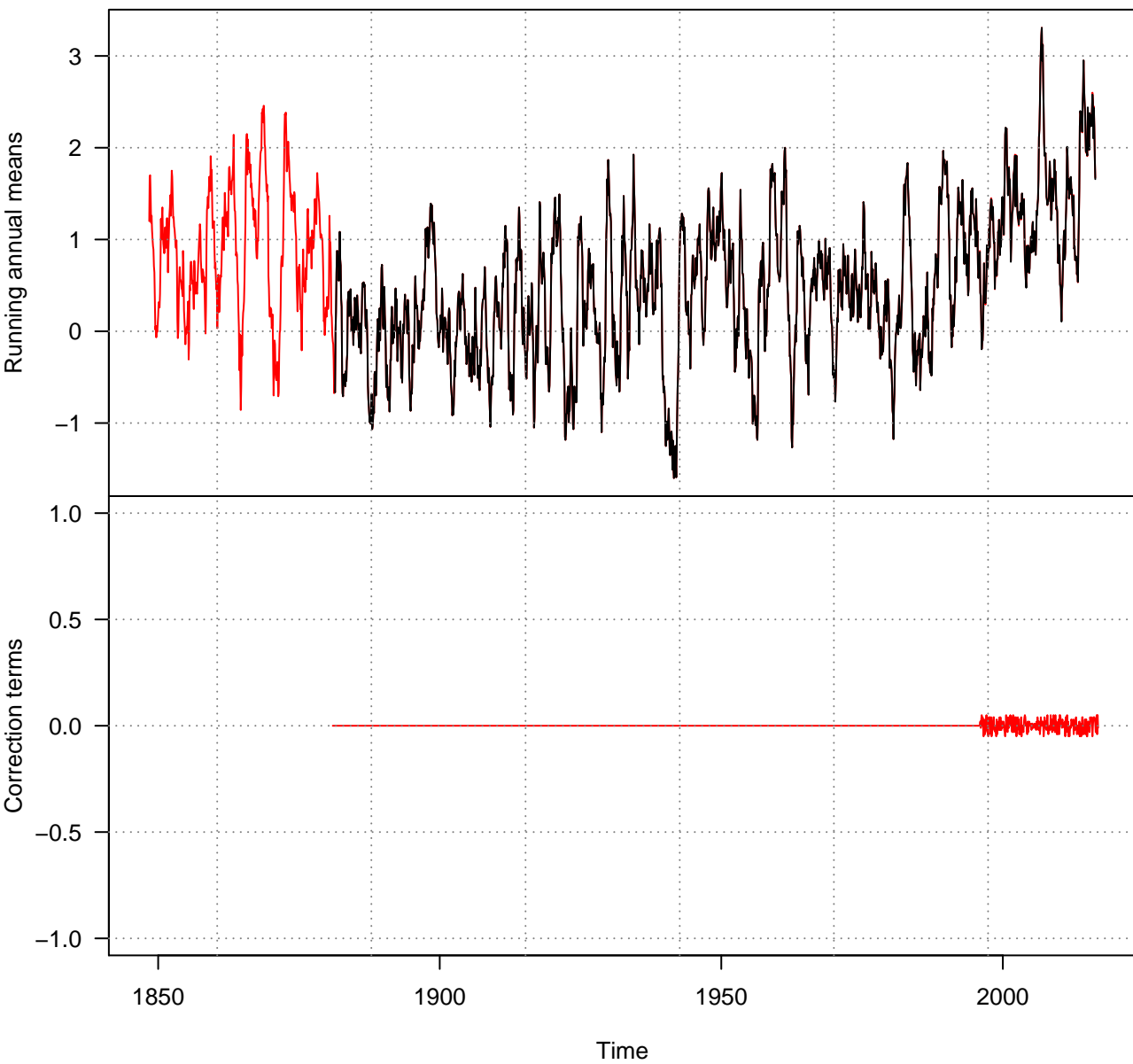
# Ttest2 at krakow(6), krakow



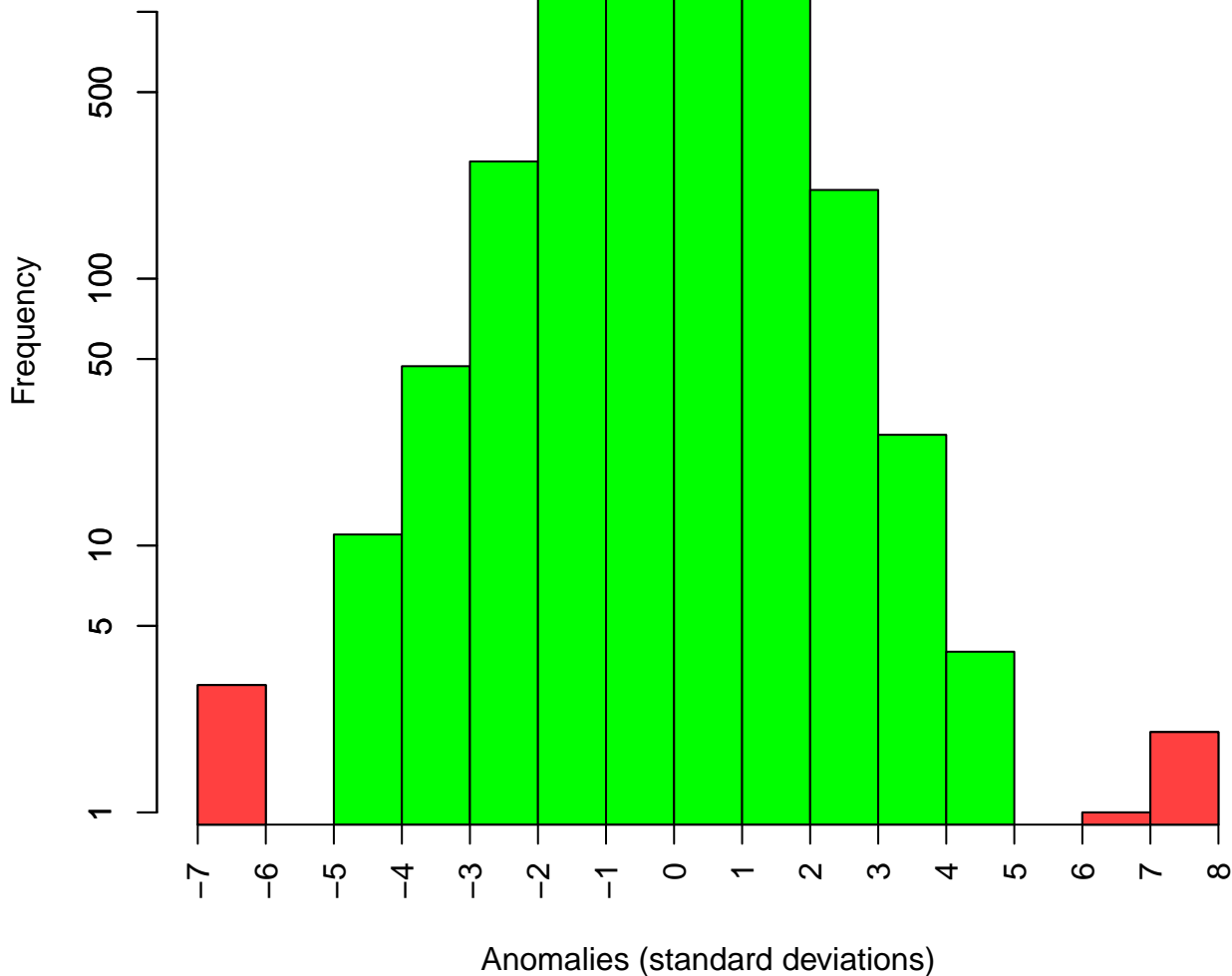
# Ttest2 at szczecin(7), szczecin



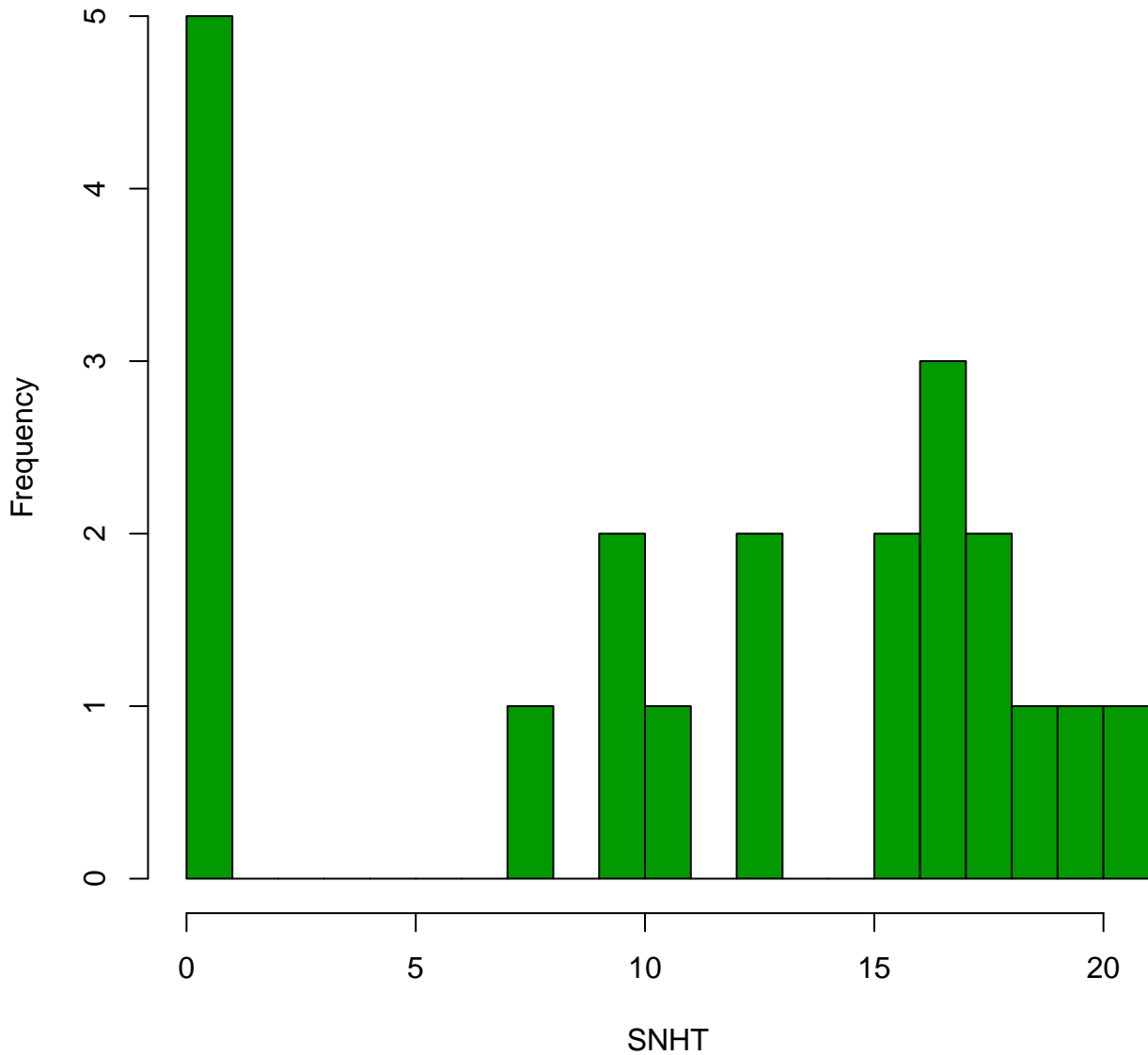
# Ttest2 at sniezka(8), sniezka



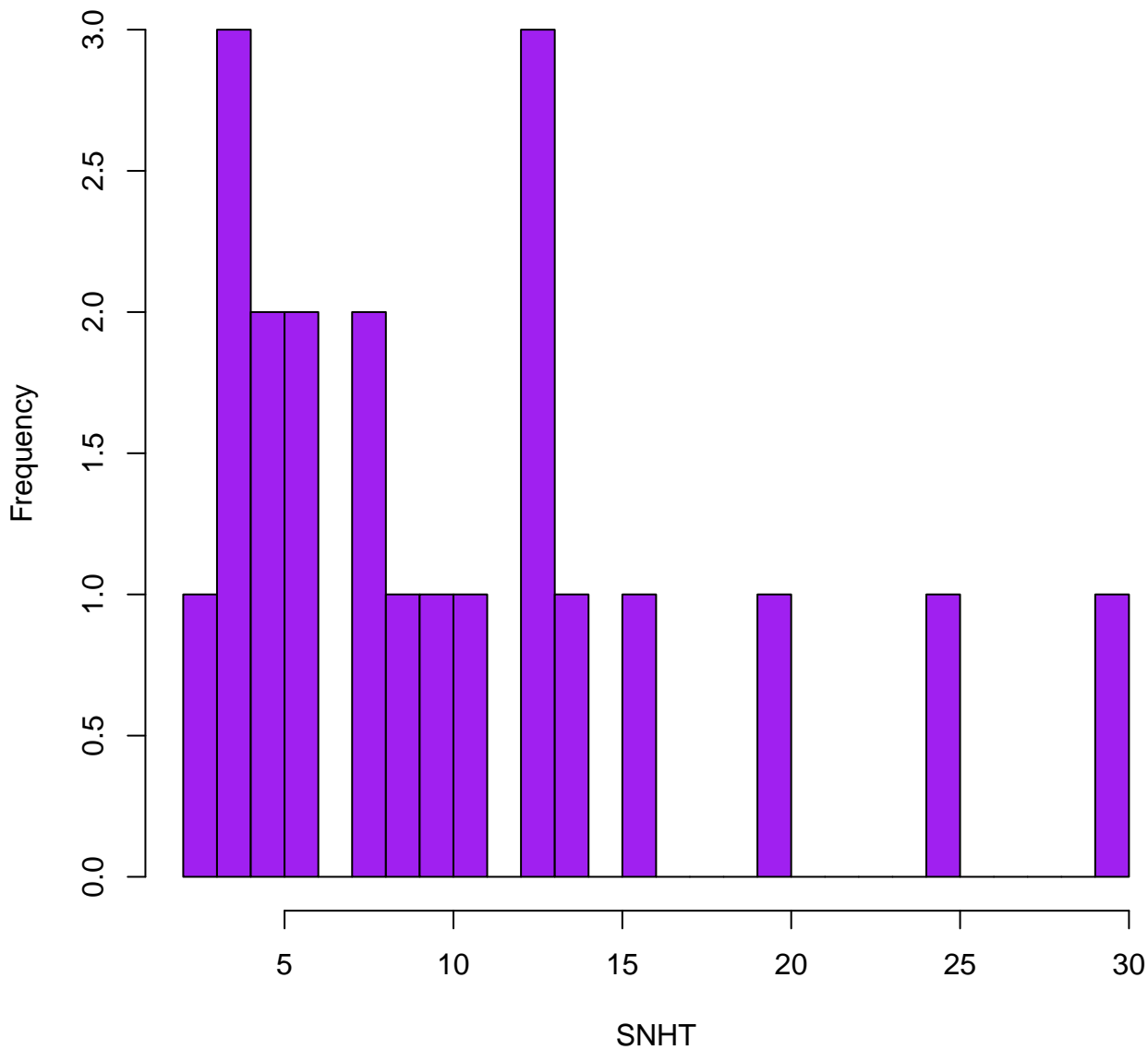
**Histogram of normalized anomalies**



**Histogram of maximum windowed SNHT**



**Histogram of maximum global SNHT**





# Station's quality/singularity

