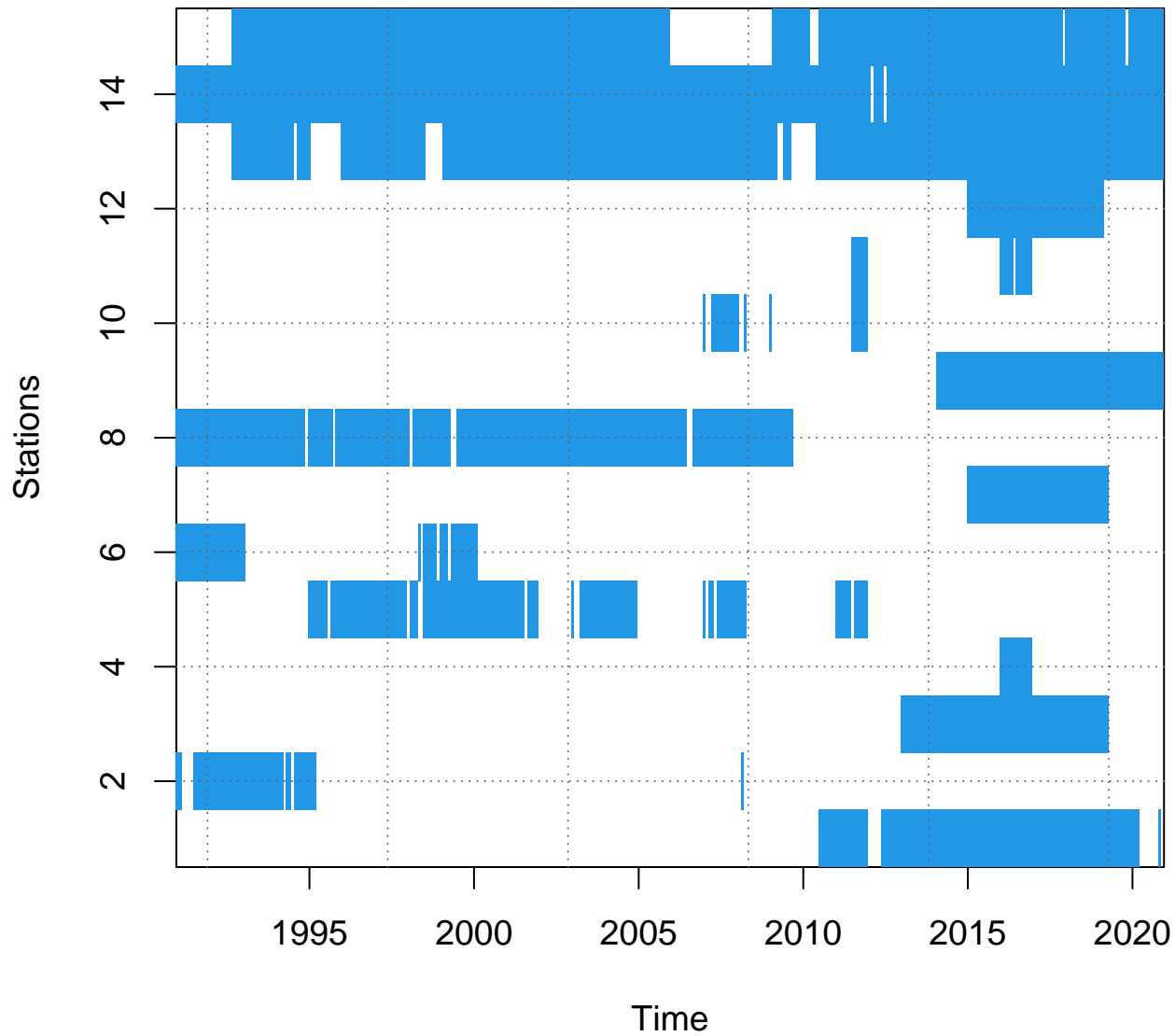


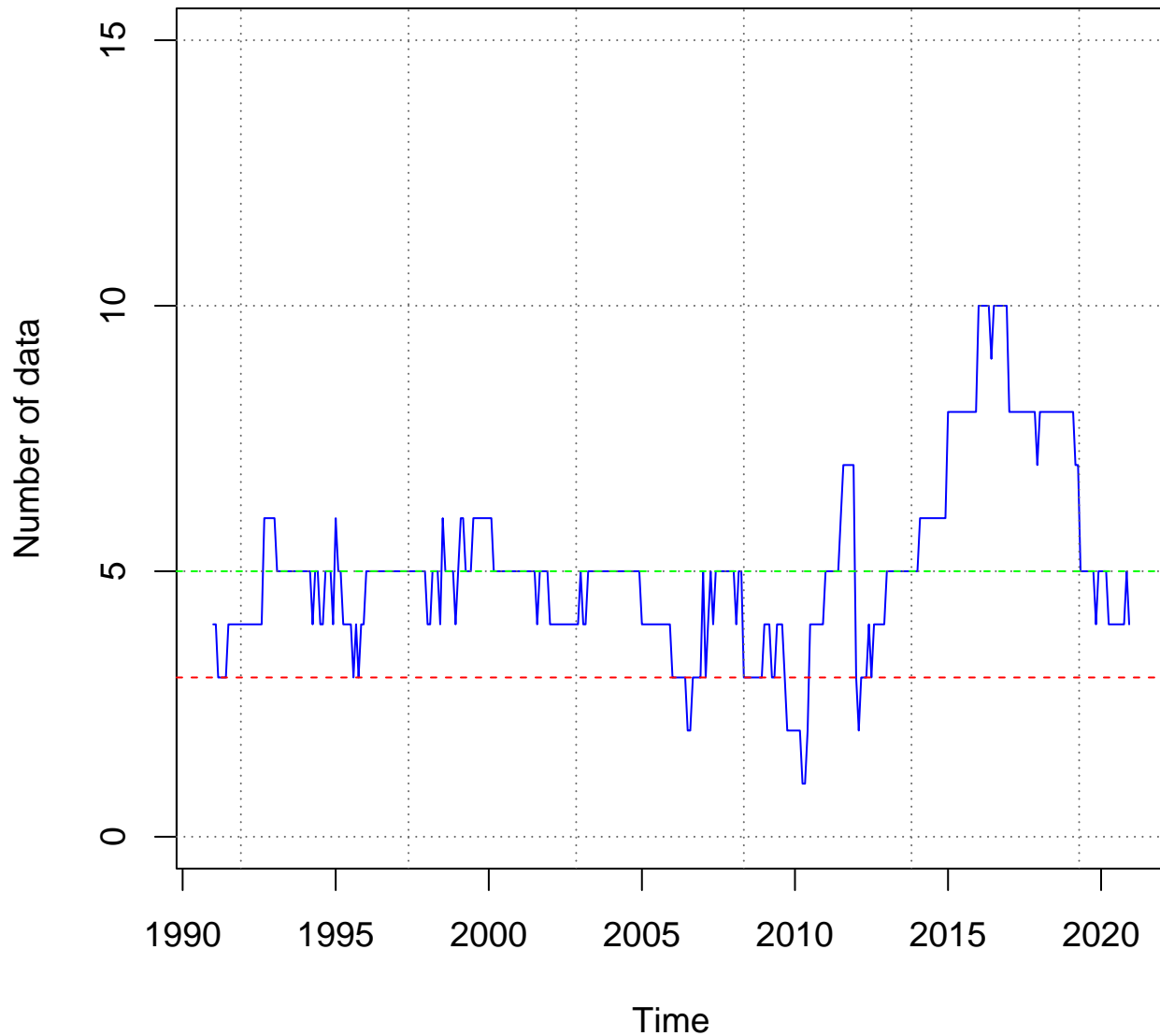
CLIMATOL 3.1.1

Homogenization
graphic output of
tmed-m
1991–2020

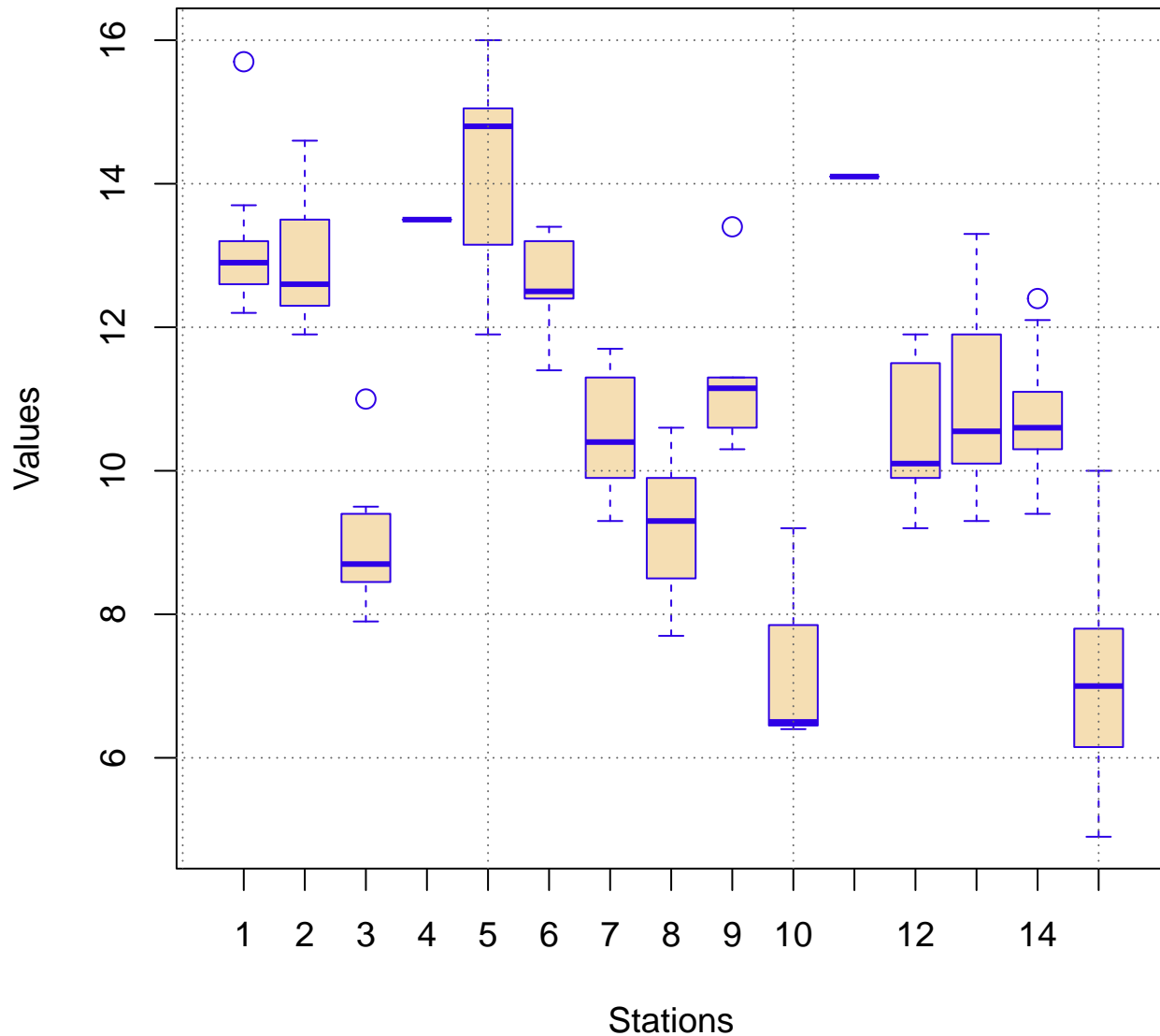
tmed-m data availability



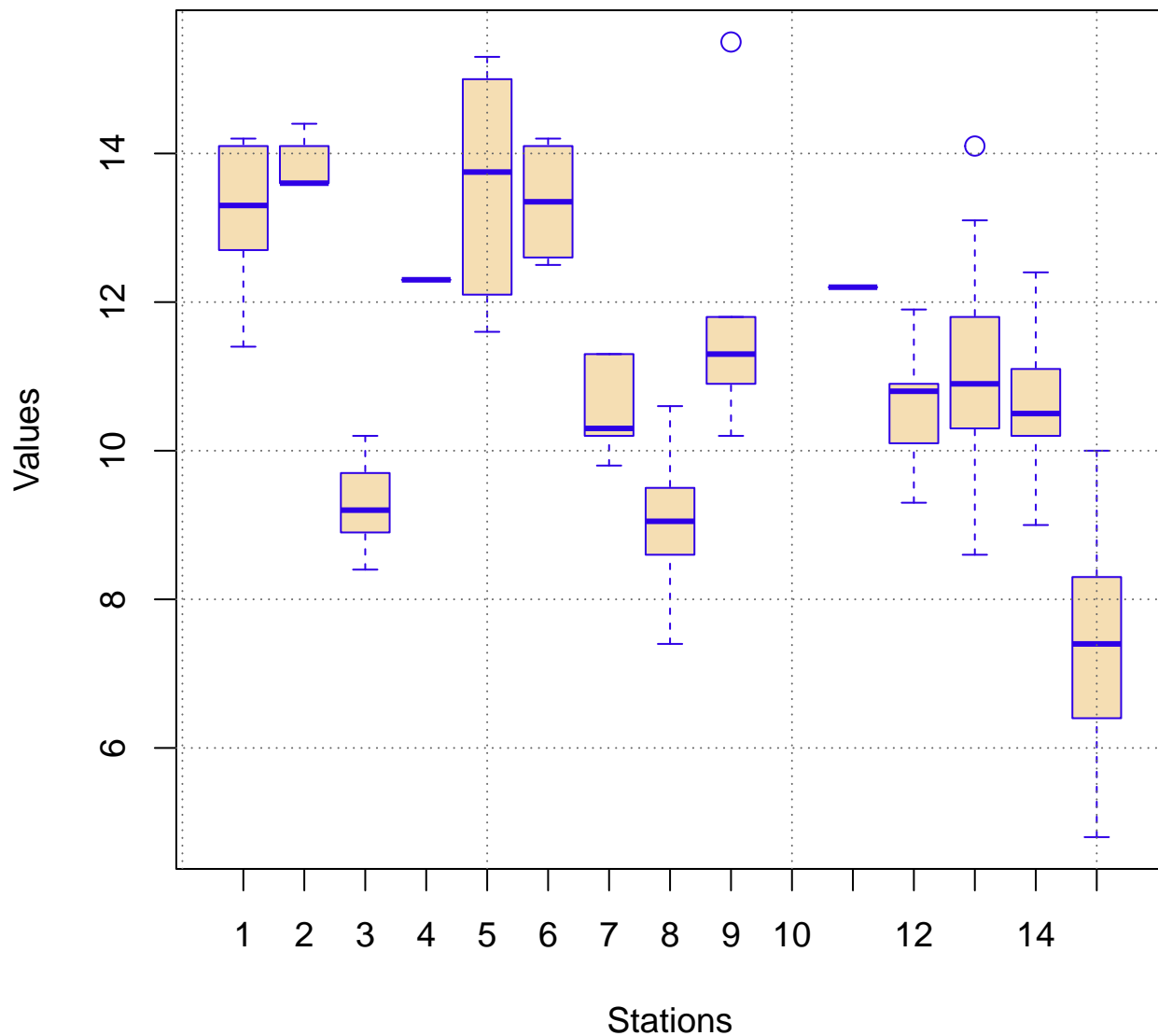
Number of tmed-m data in all stations



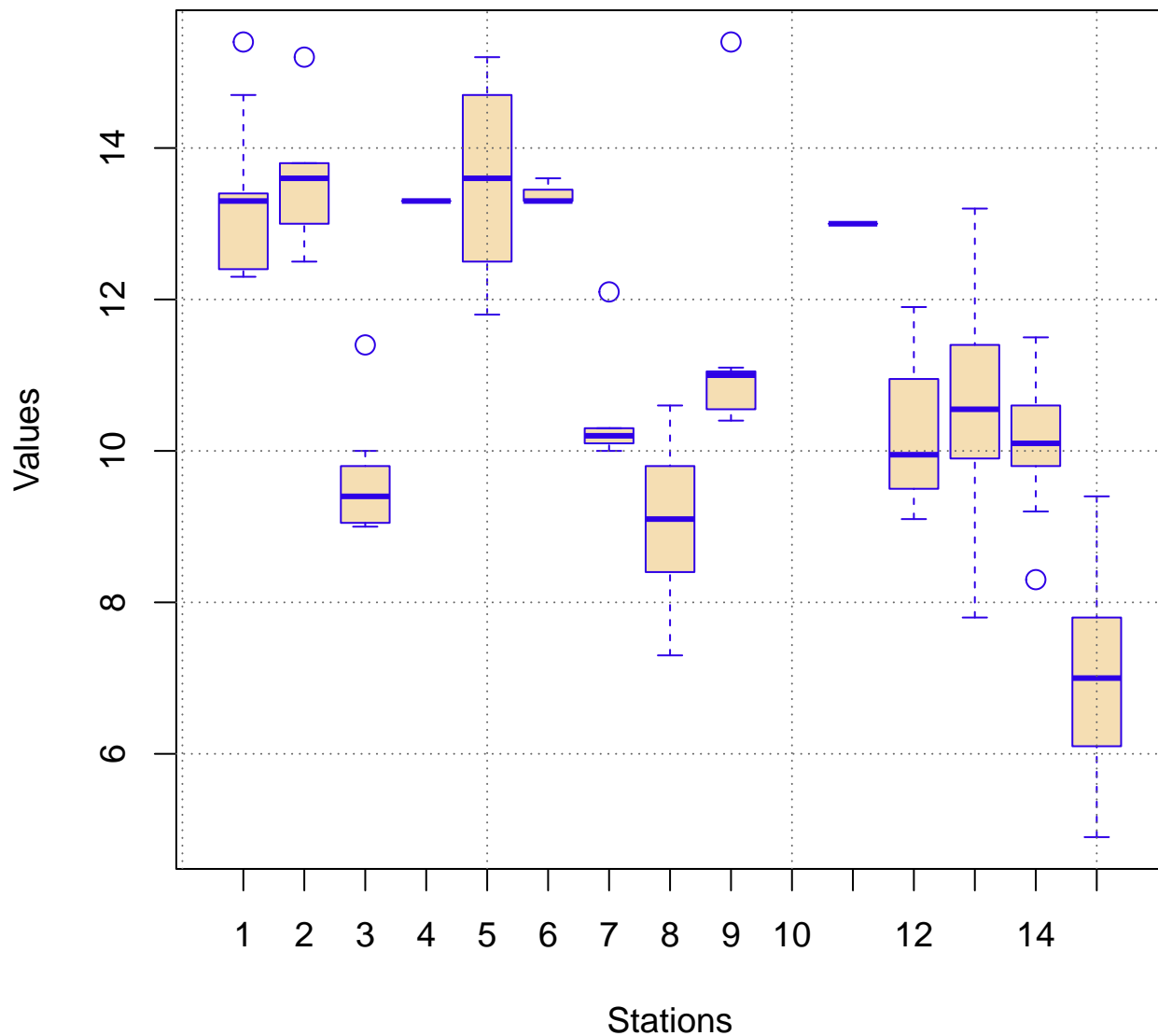
Data values of tmed-m (Jan)



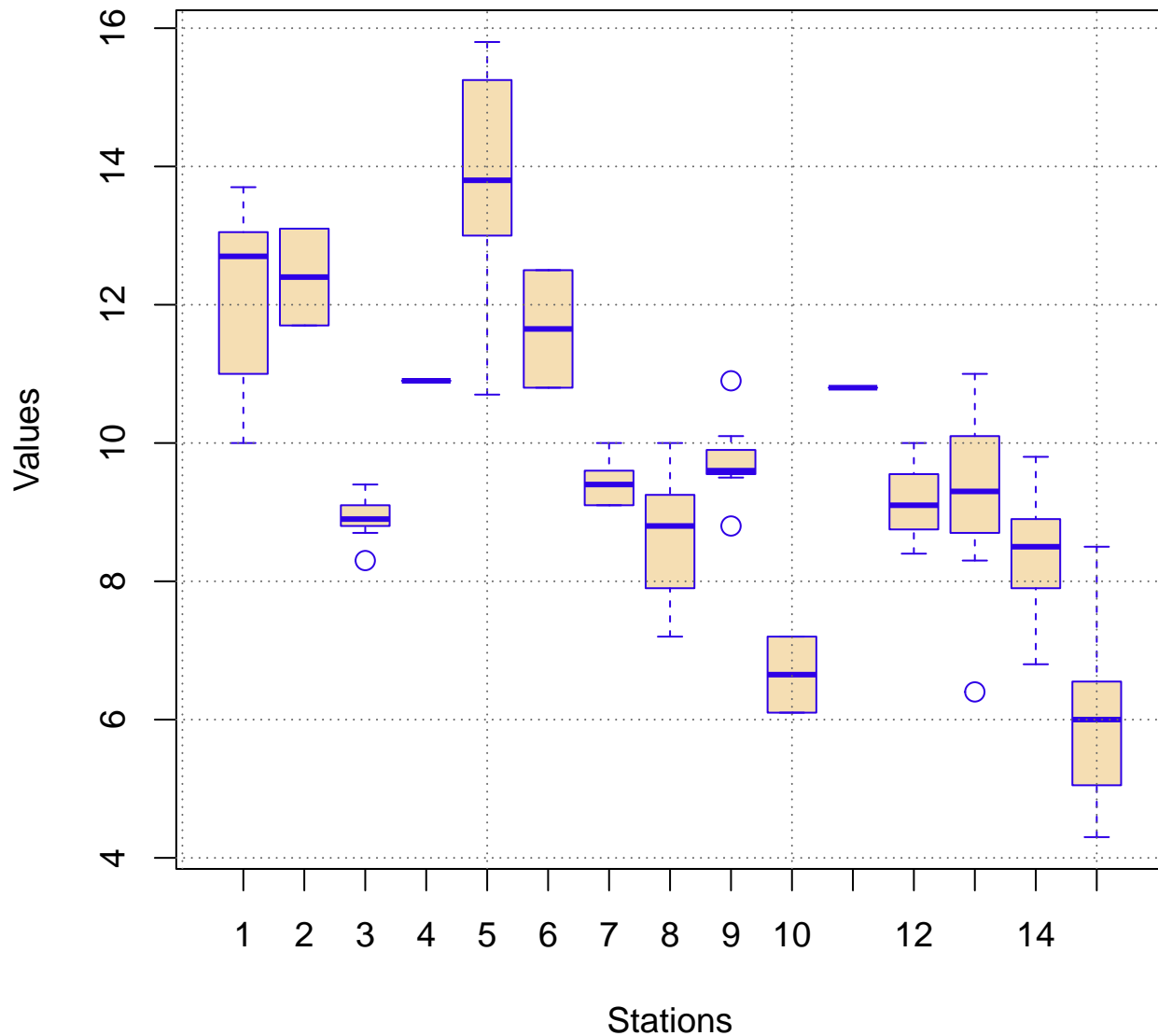
Data values of tmed-m (Feb)



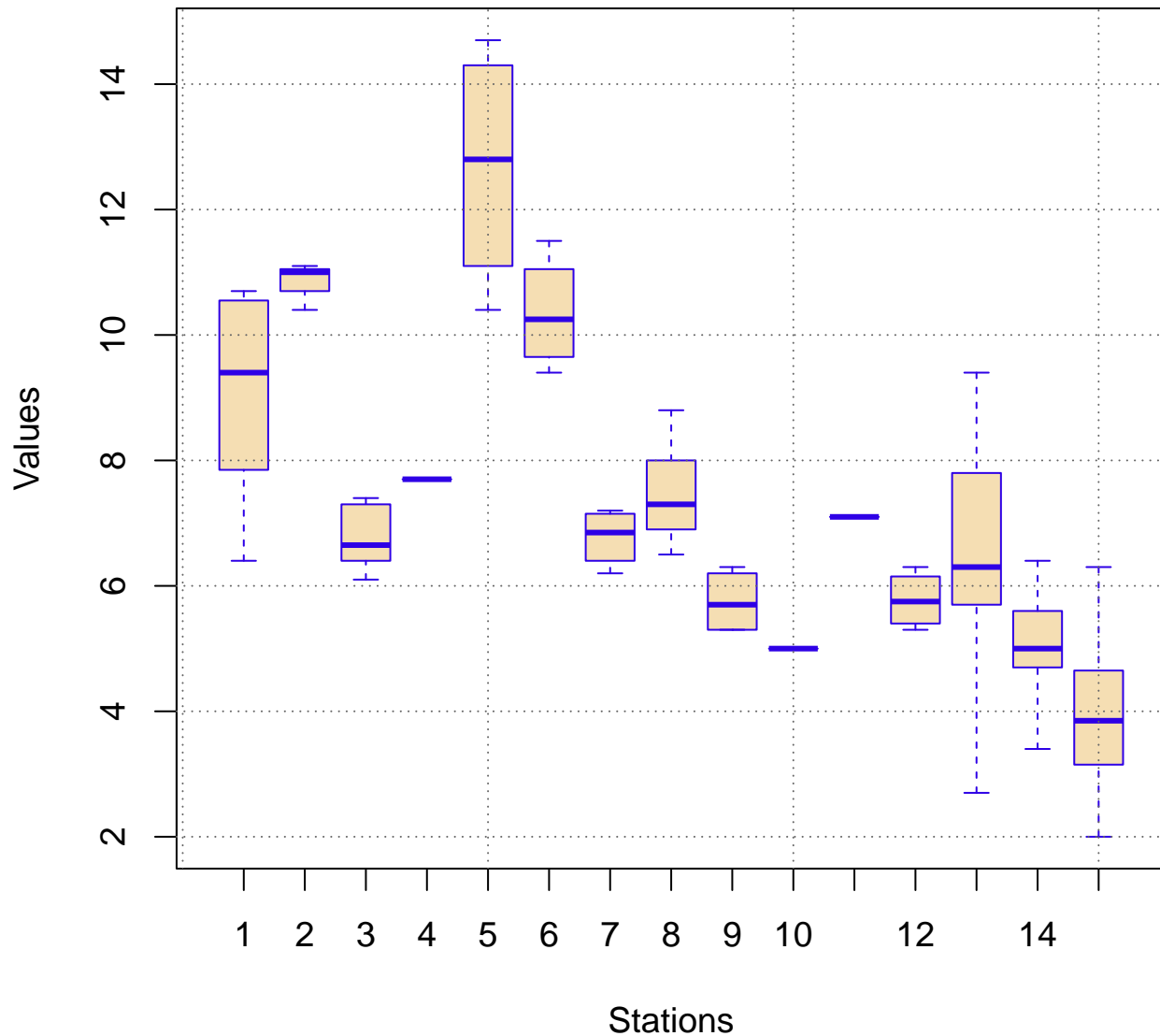
Data values of tmed-m (Mar)



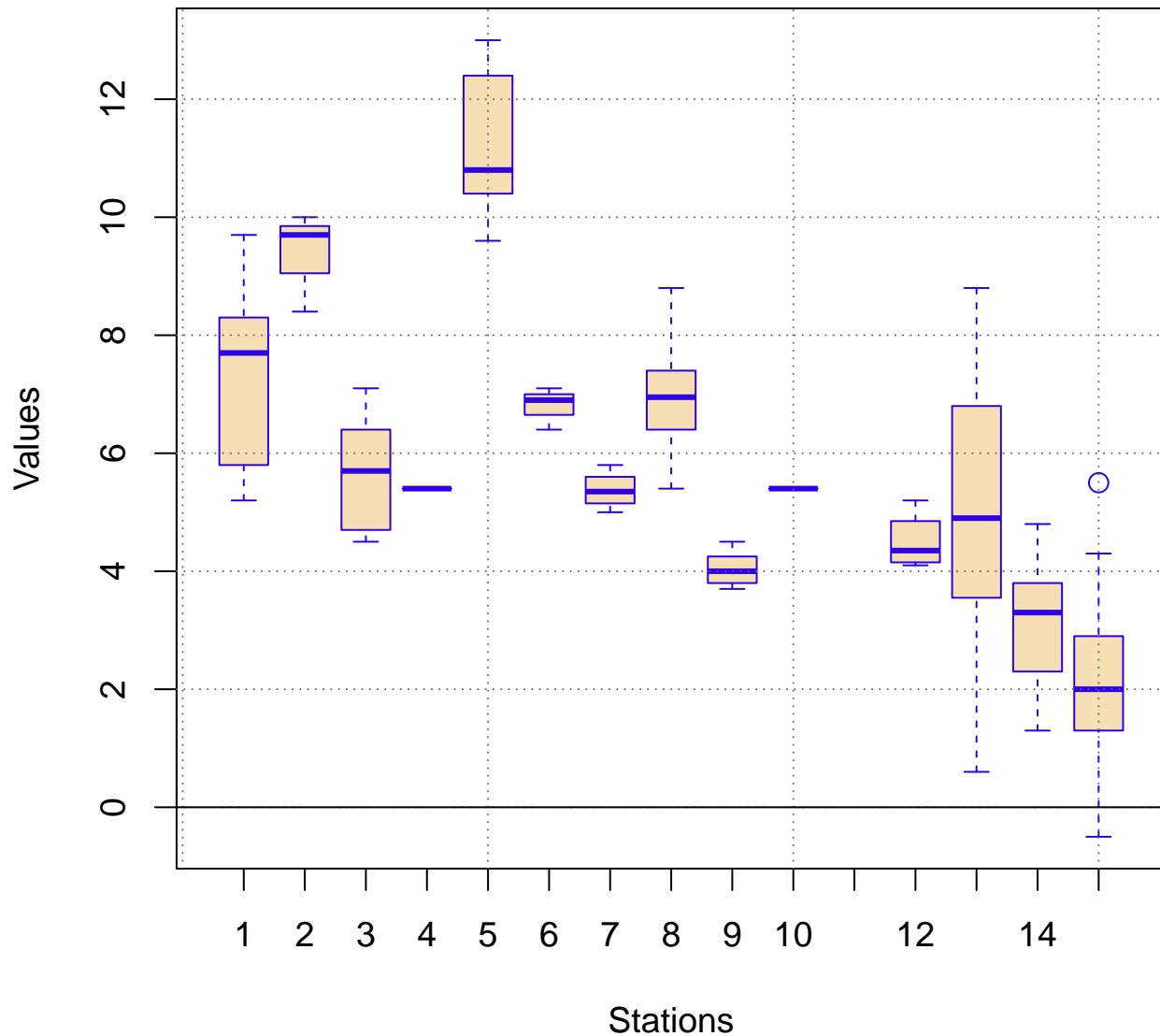
Data values of tmed-m (Apr)



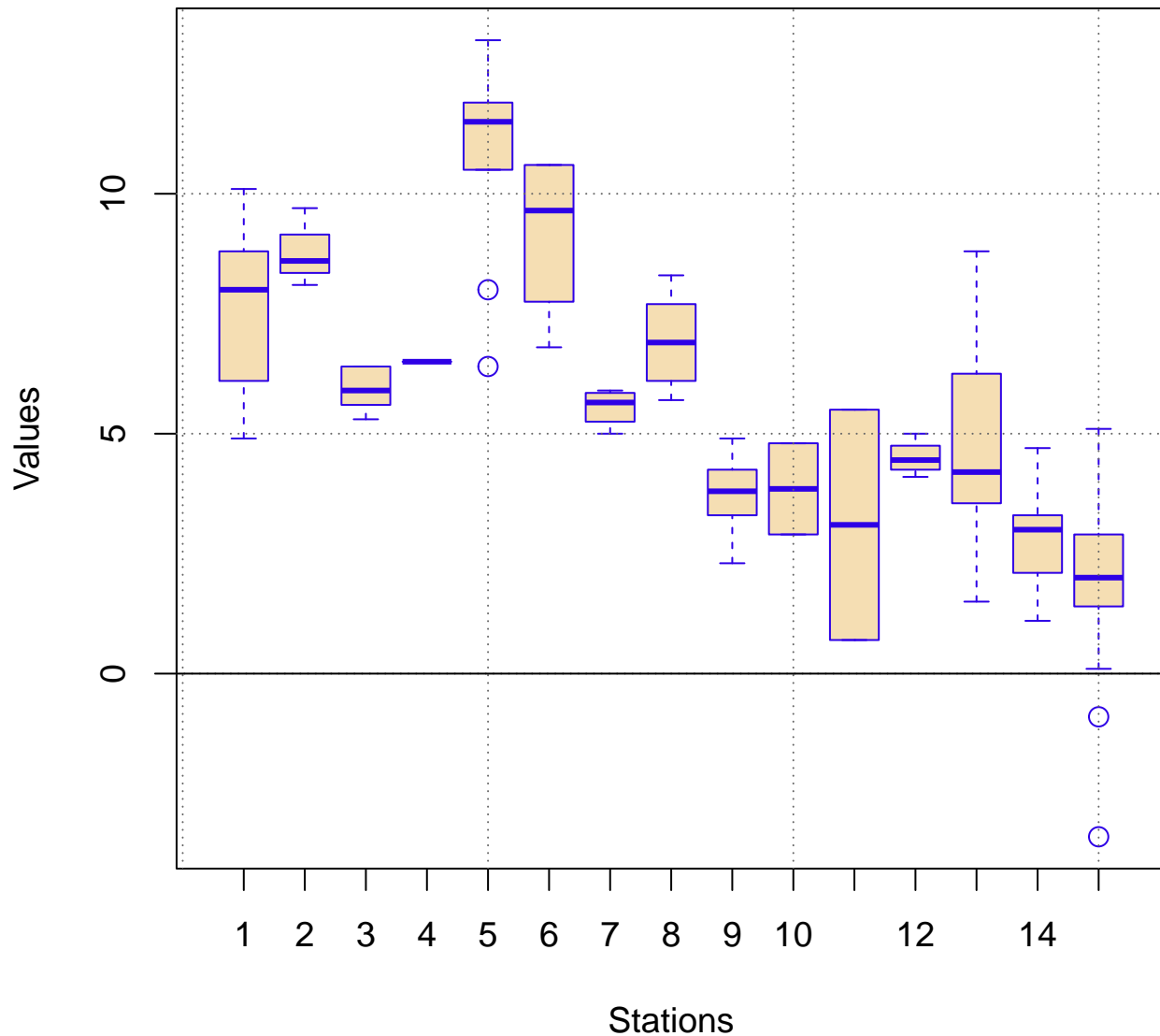
Data values of tmed-m (May)



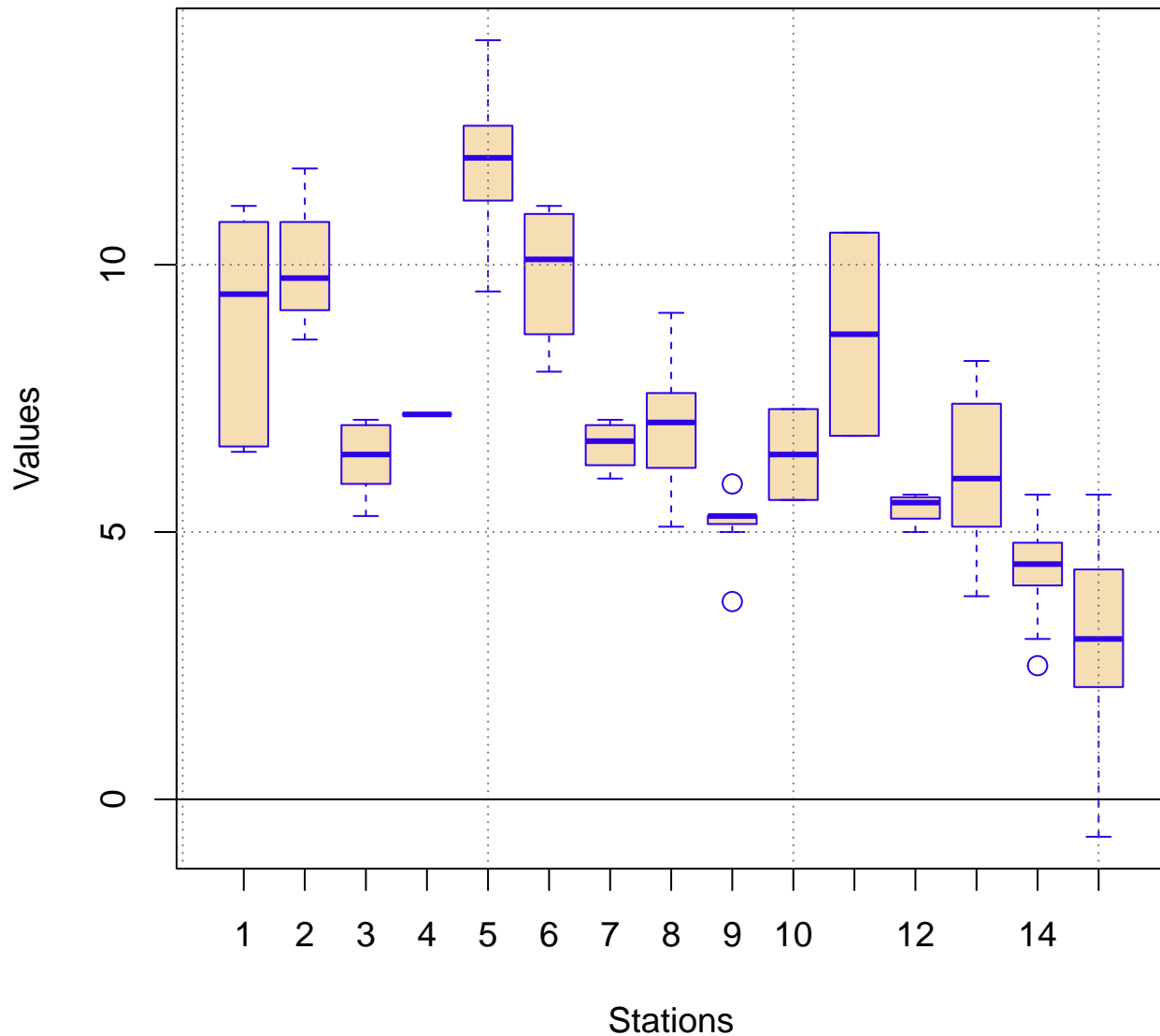
Data values of tmed-m (Jun)



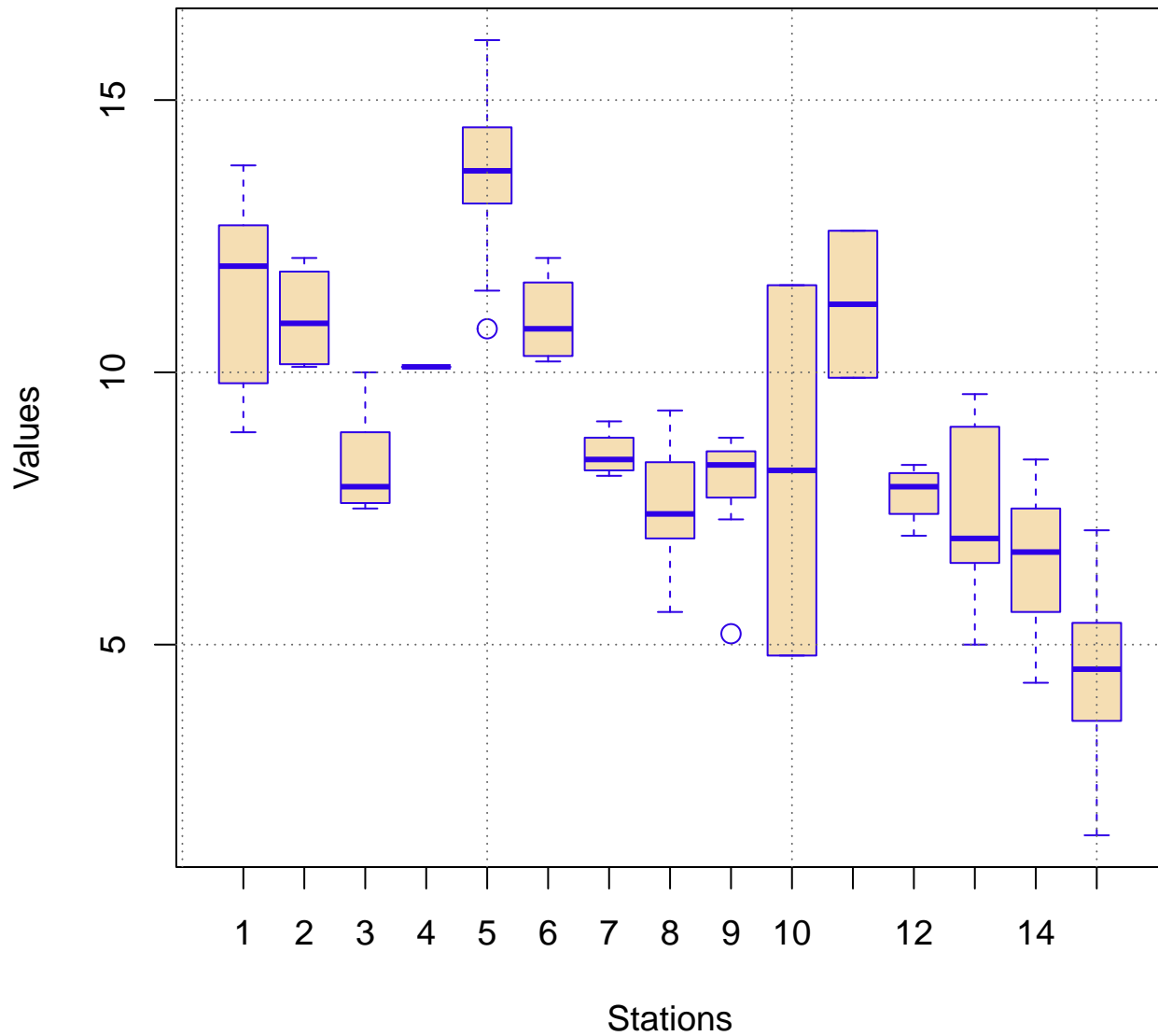
Data values of tmed-m (Jul)



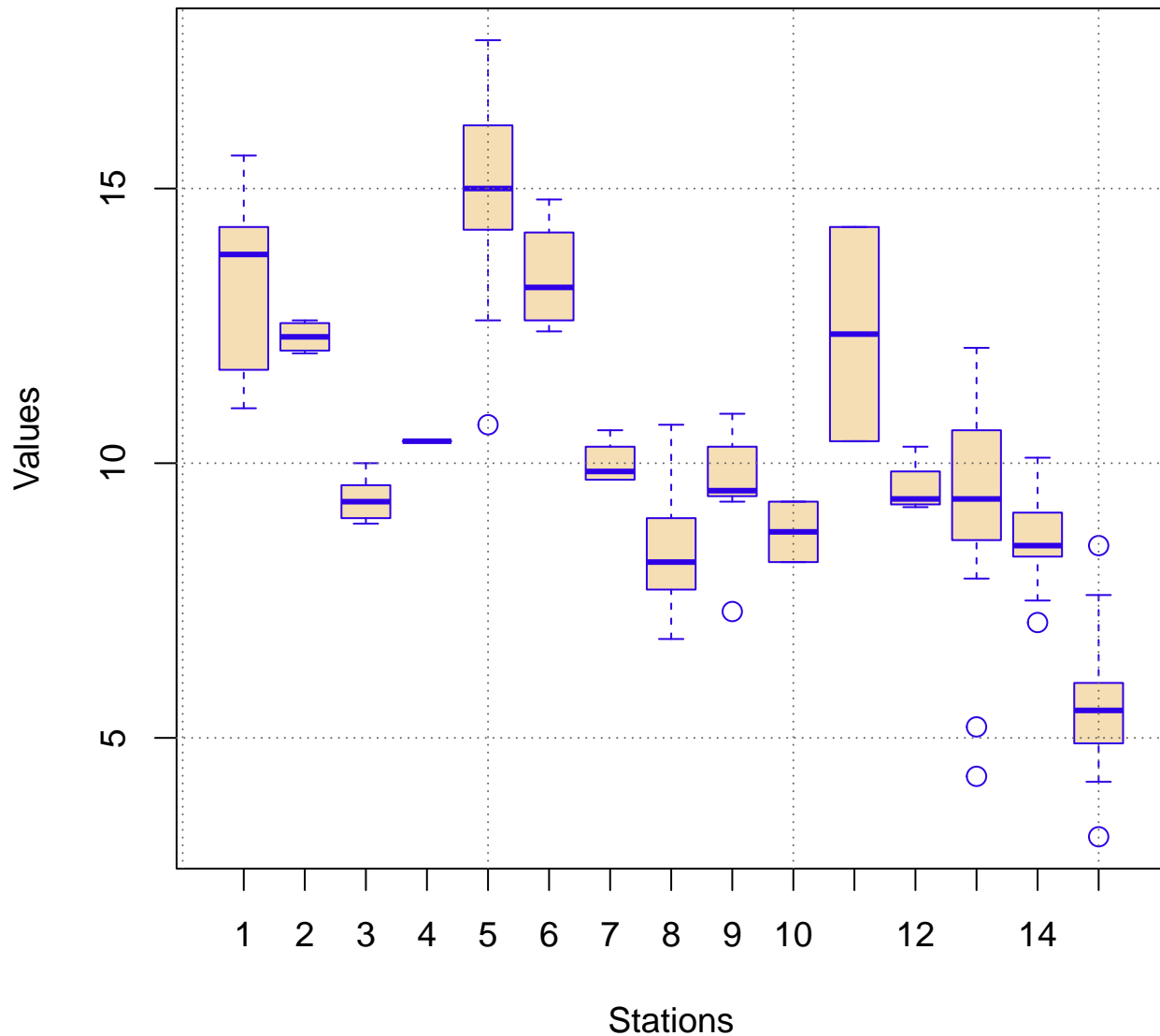
Data values of tmed-m (Aug)



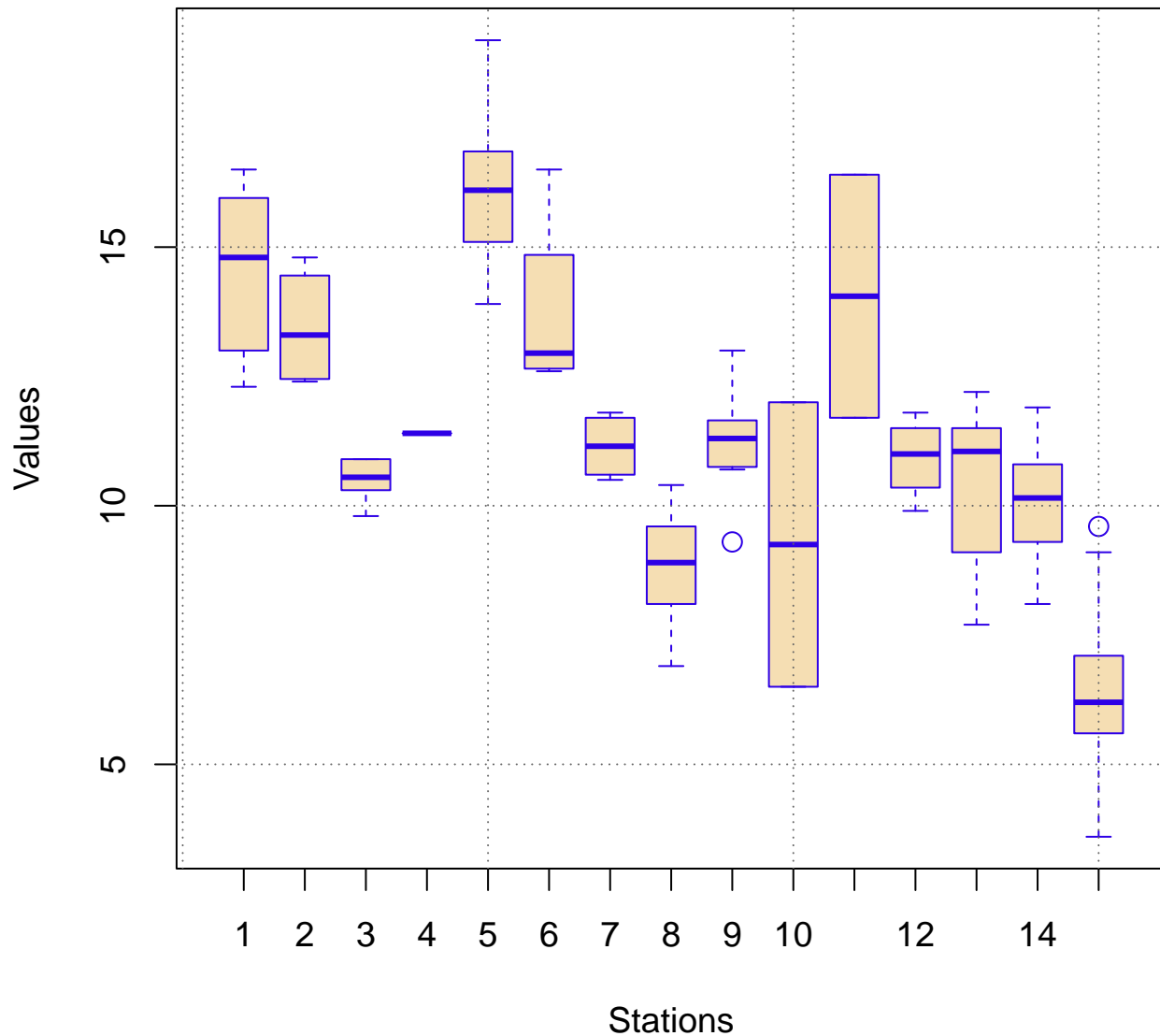
Data values of tmed-m (Sep)



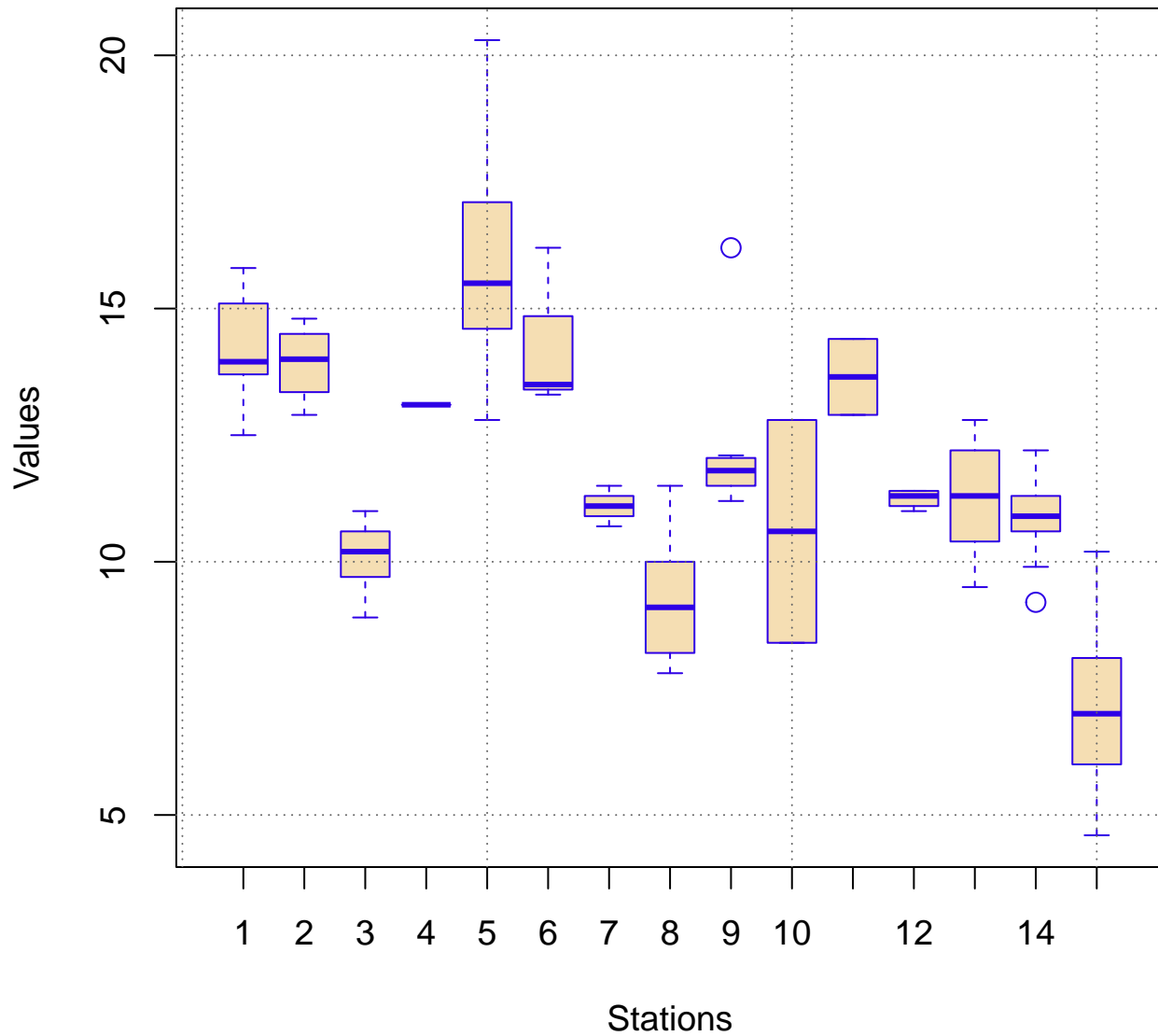
Data values of tmed-m (Oct)



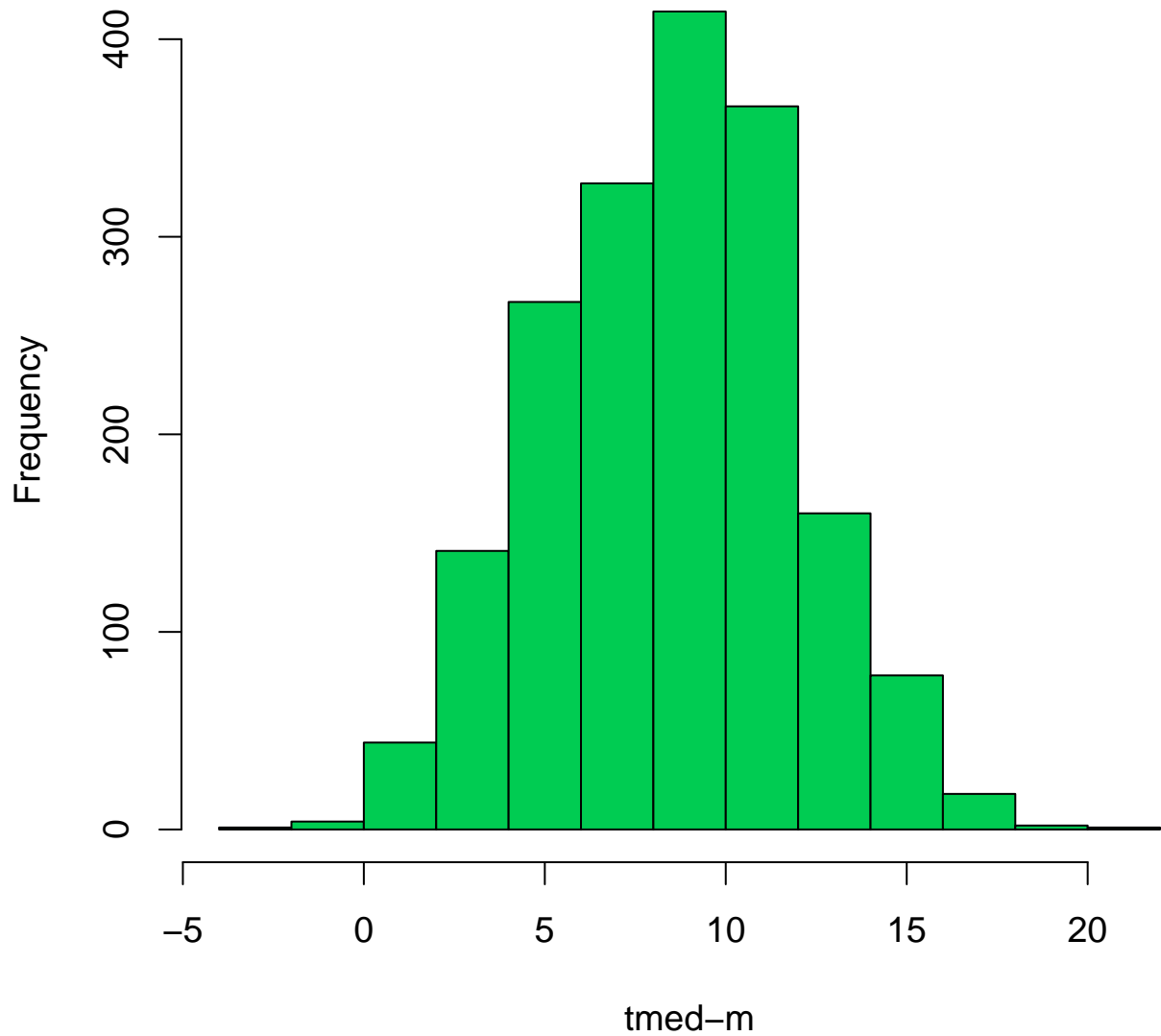
Data values of tmed-m (Nov)



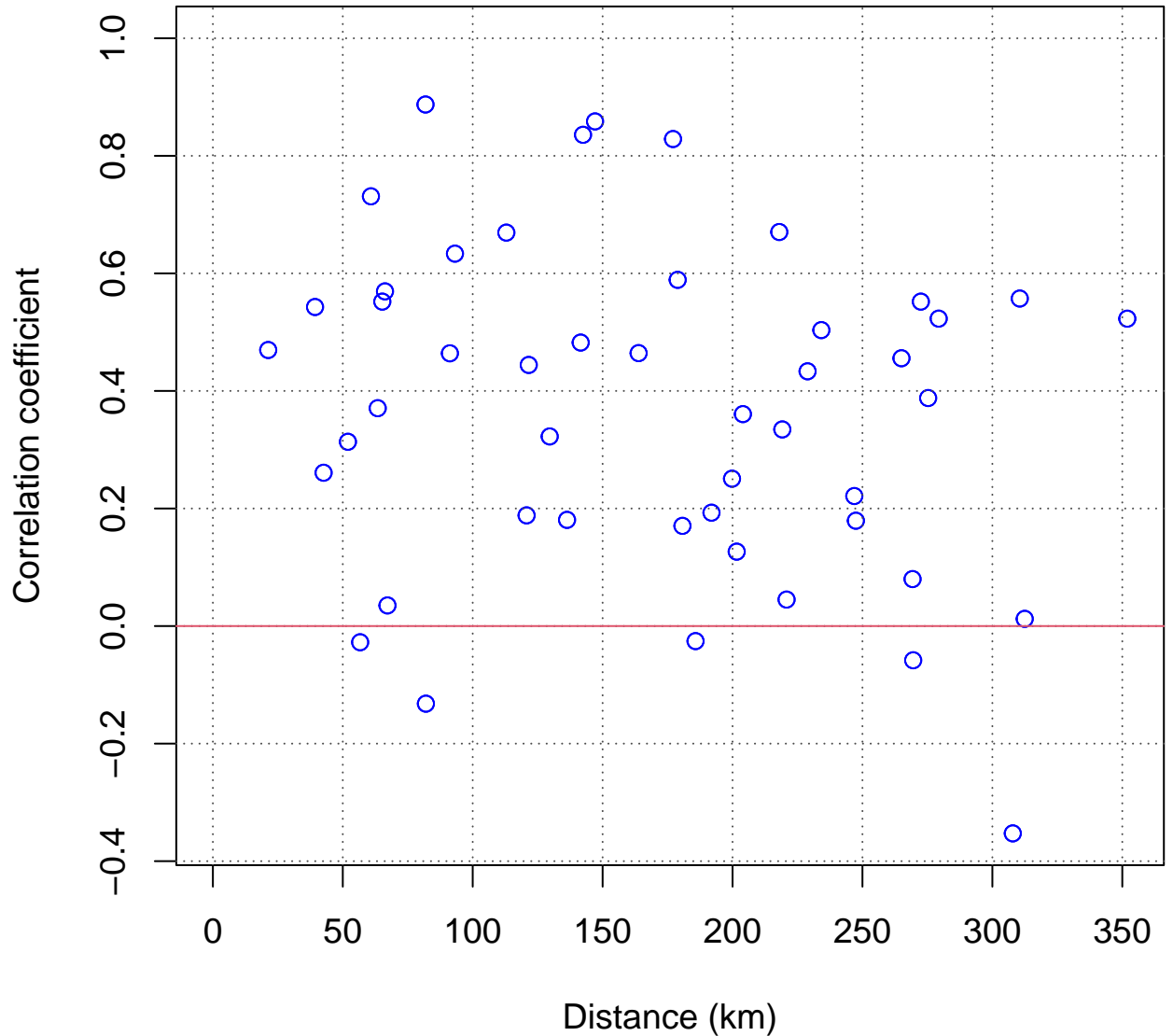
Data values of tmed-m (Dec)



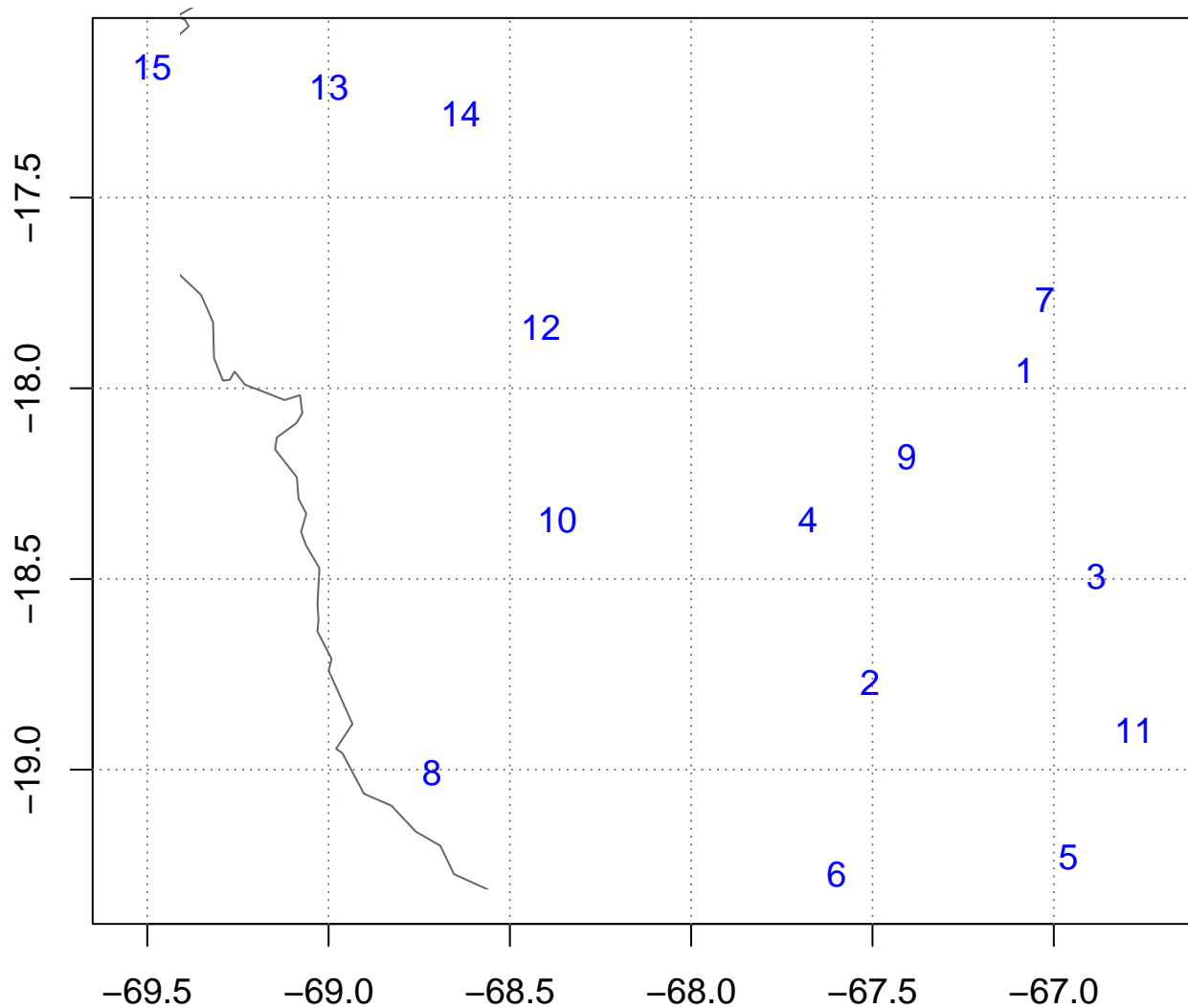
Histogram of all data



Correlogram of first difference series



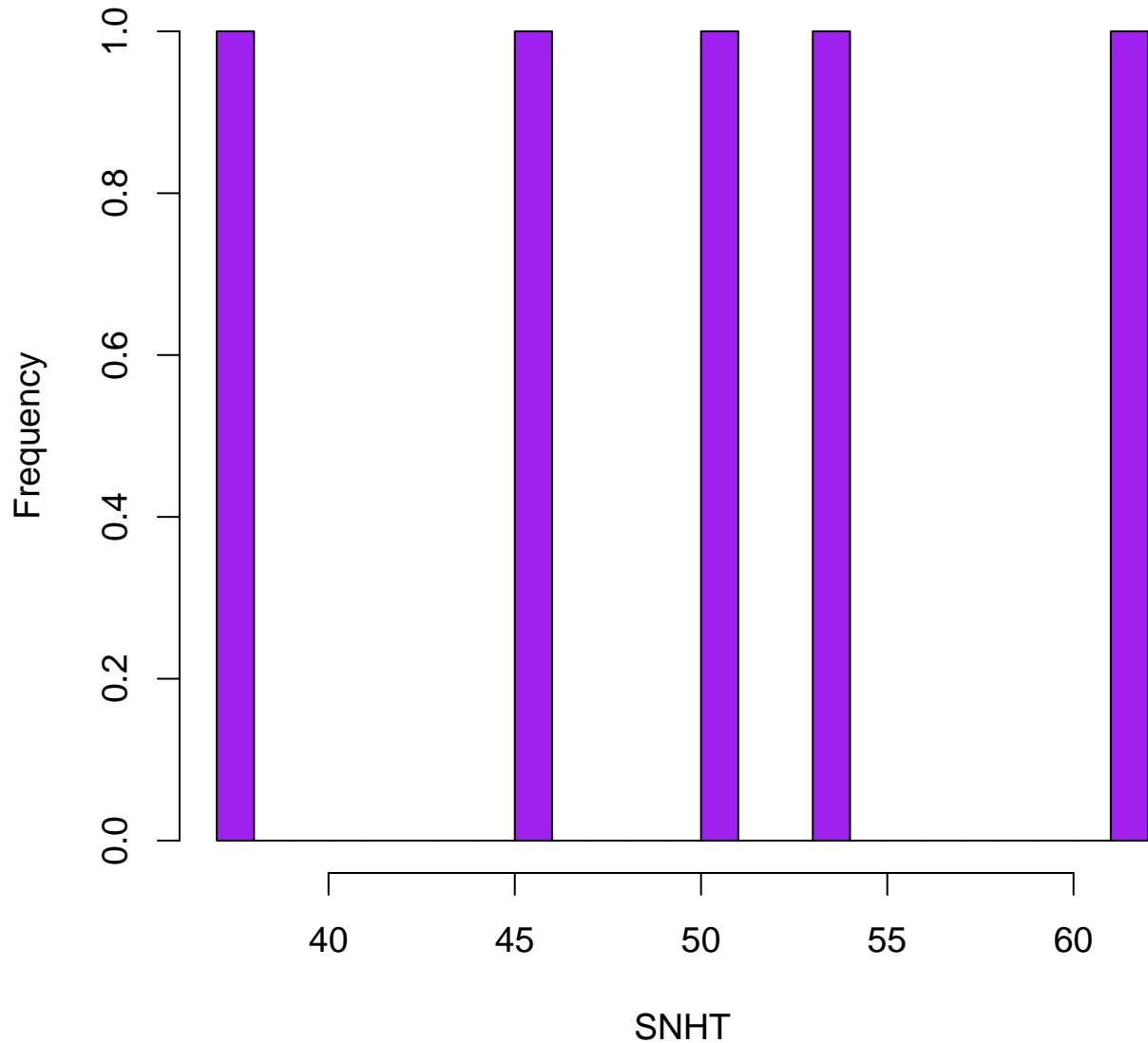
tmed-m station locations



Stage 1

Binary splits on 60 term
stepped windows
with $\text{SNHT} > 80$
and $\text{wd} = 0 \text{ km}$

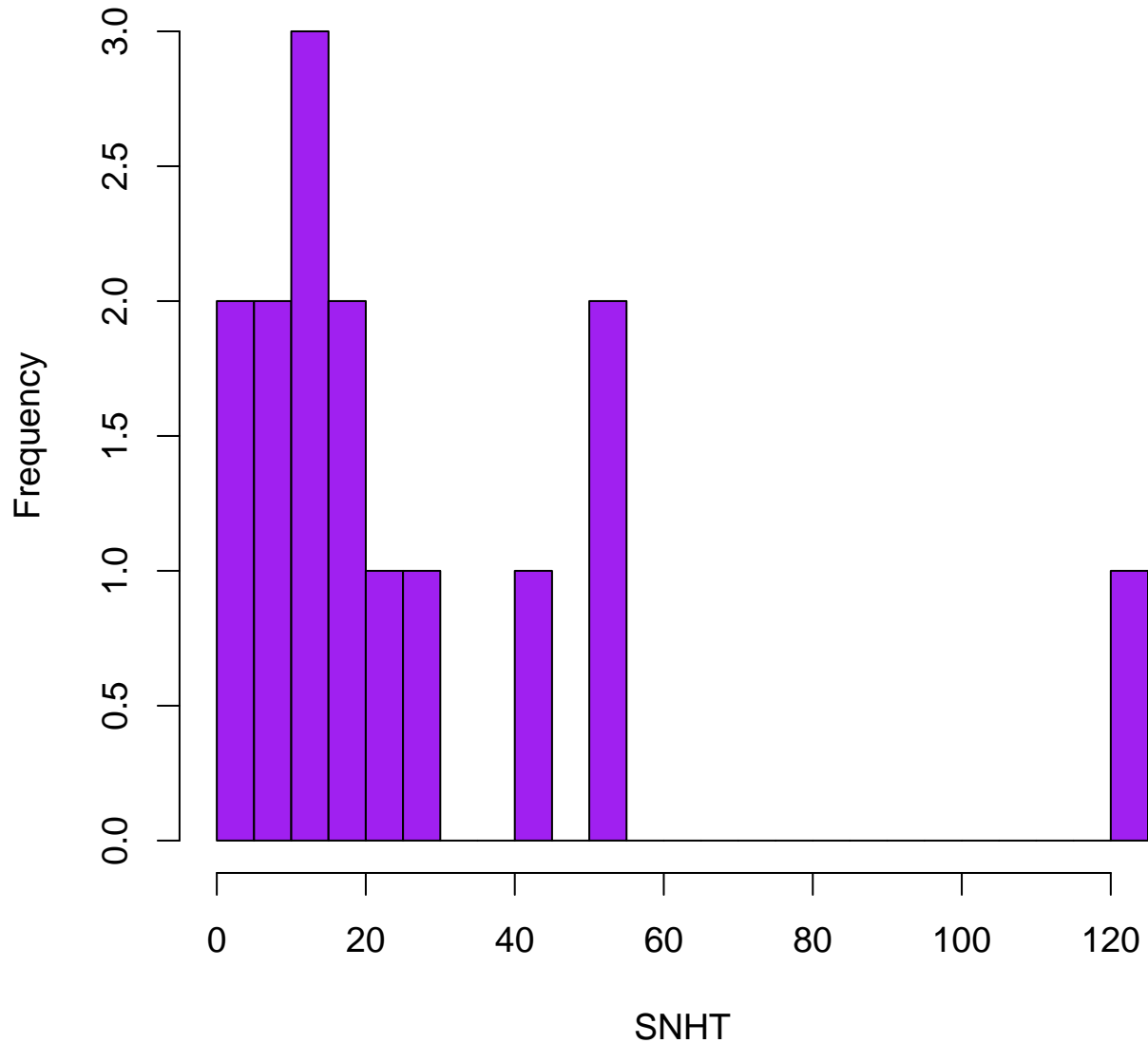
Histogram of maximum SNHT (Stage 1)



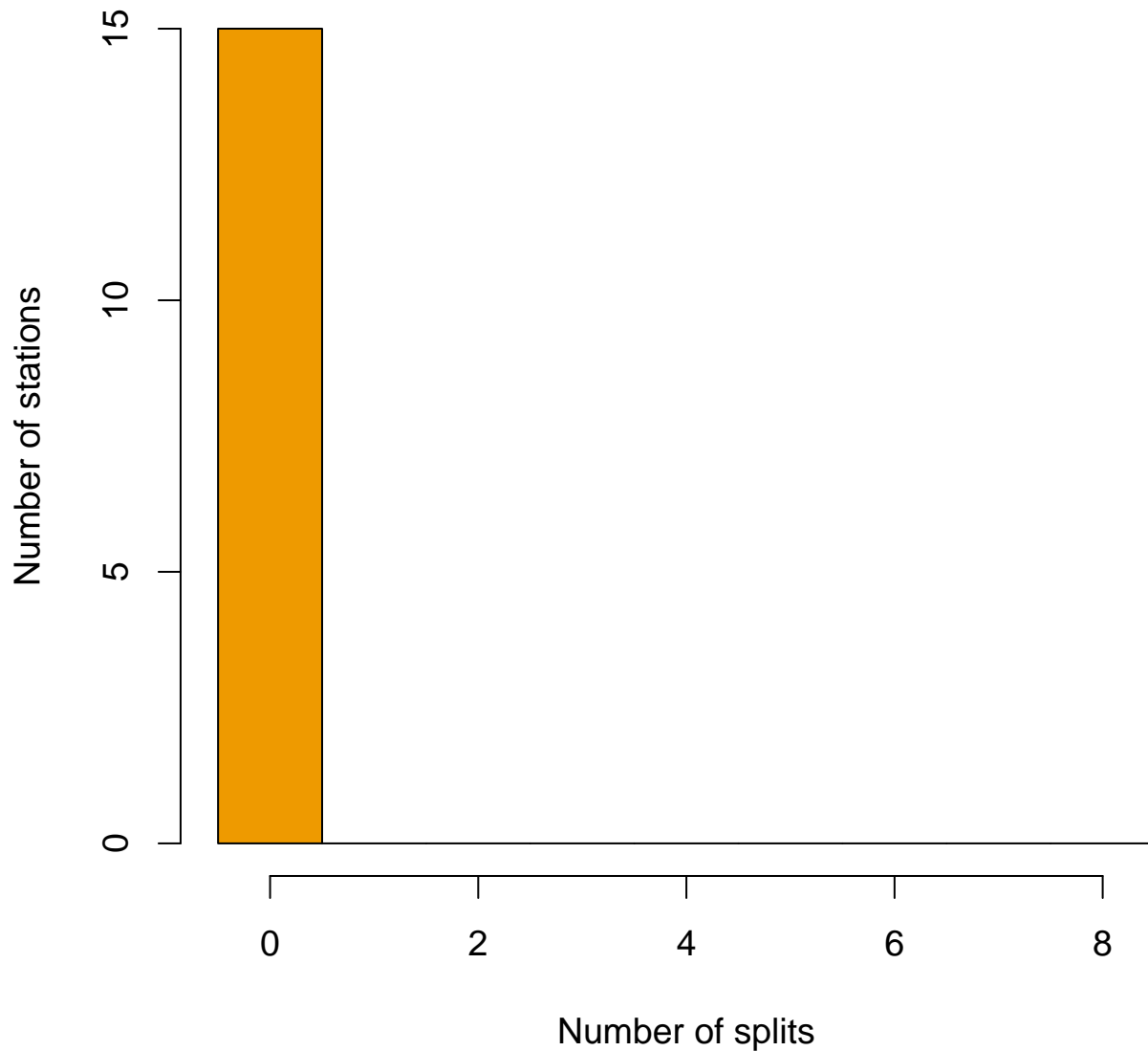
Stage 2

Binary splits on
whole series
with $SNHT > 170$
and $wd = 0$ km

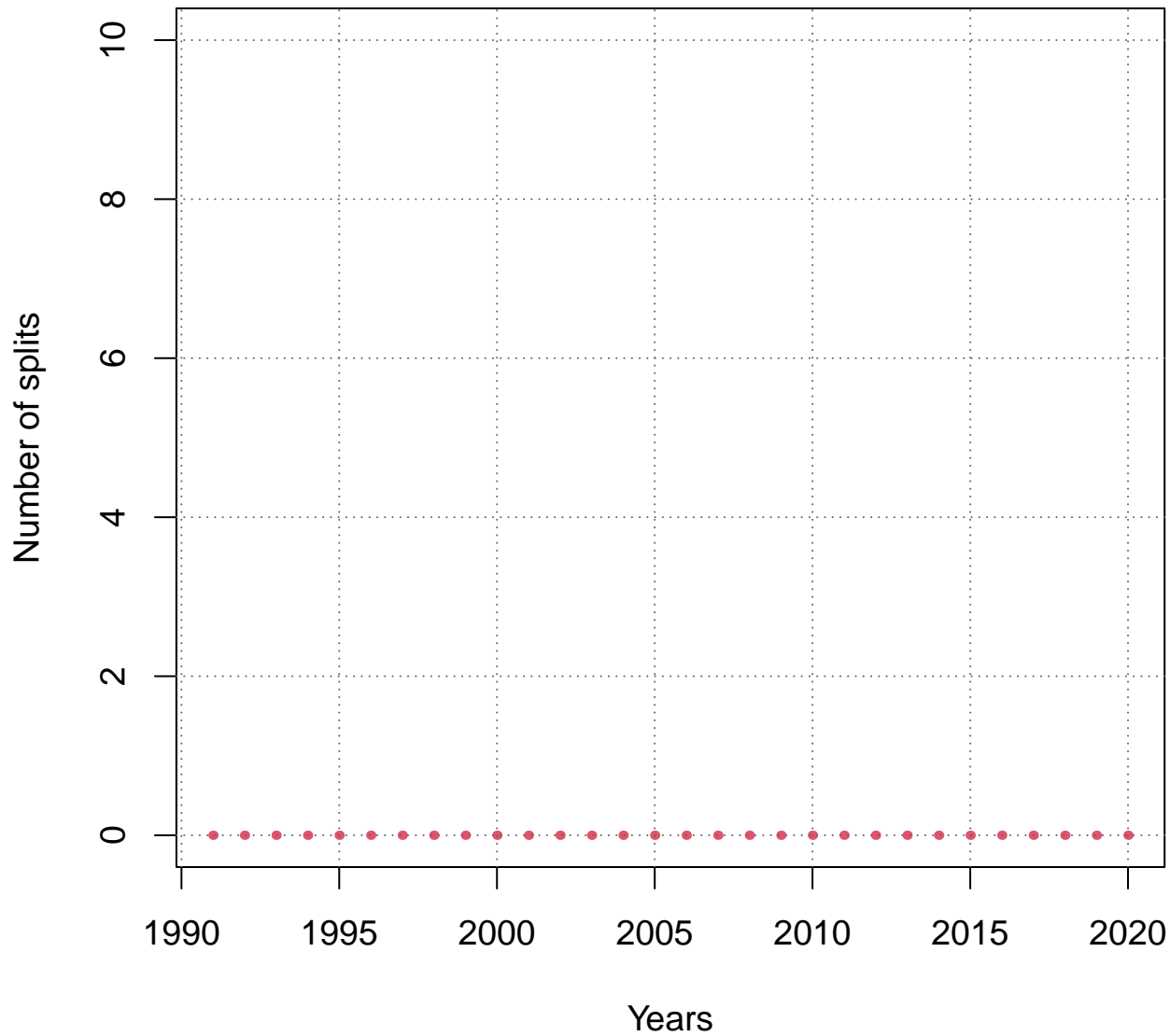
Histogram of maximum SNHT (Stage 2)



Number of splits per station



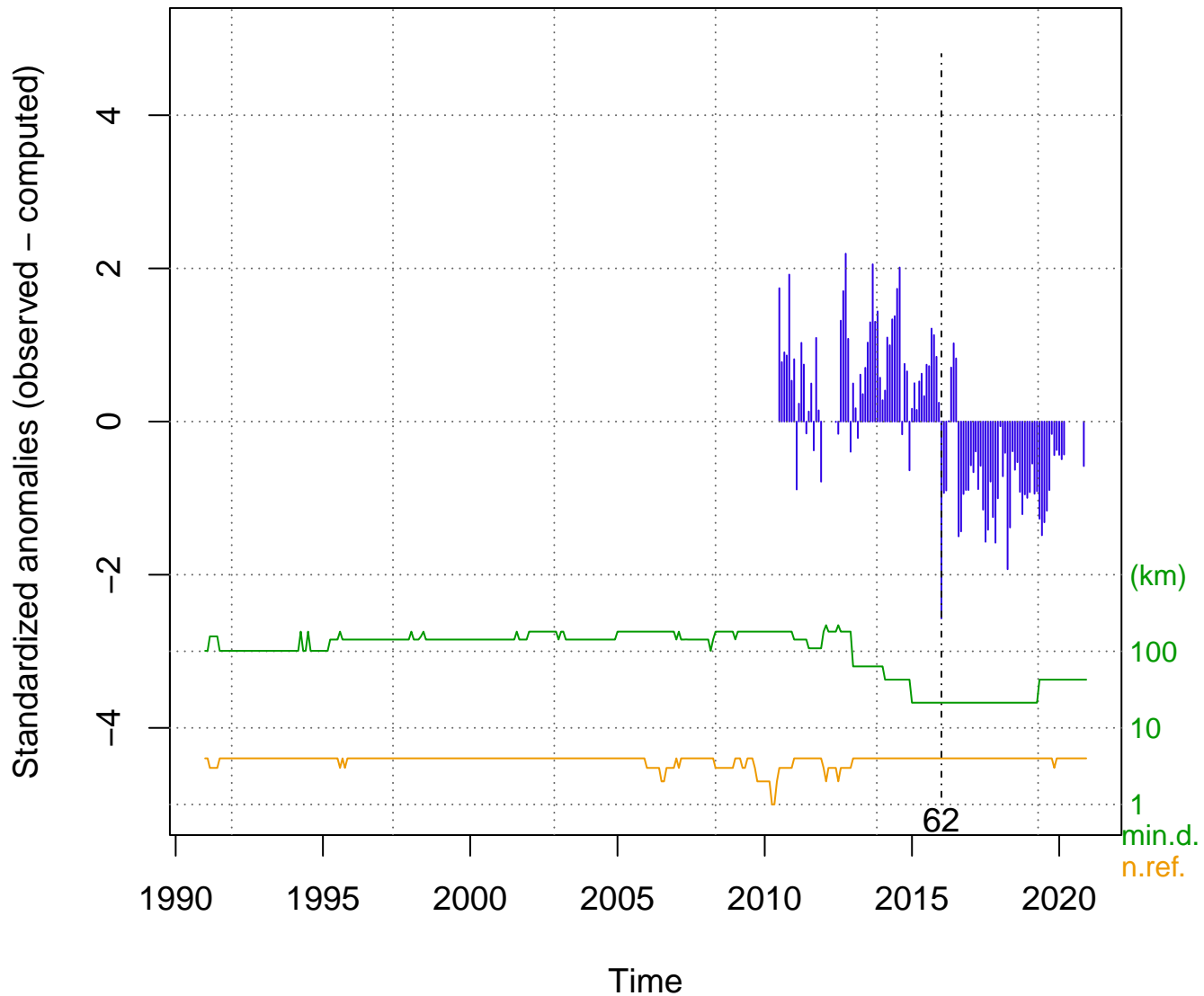
Number of splits per year



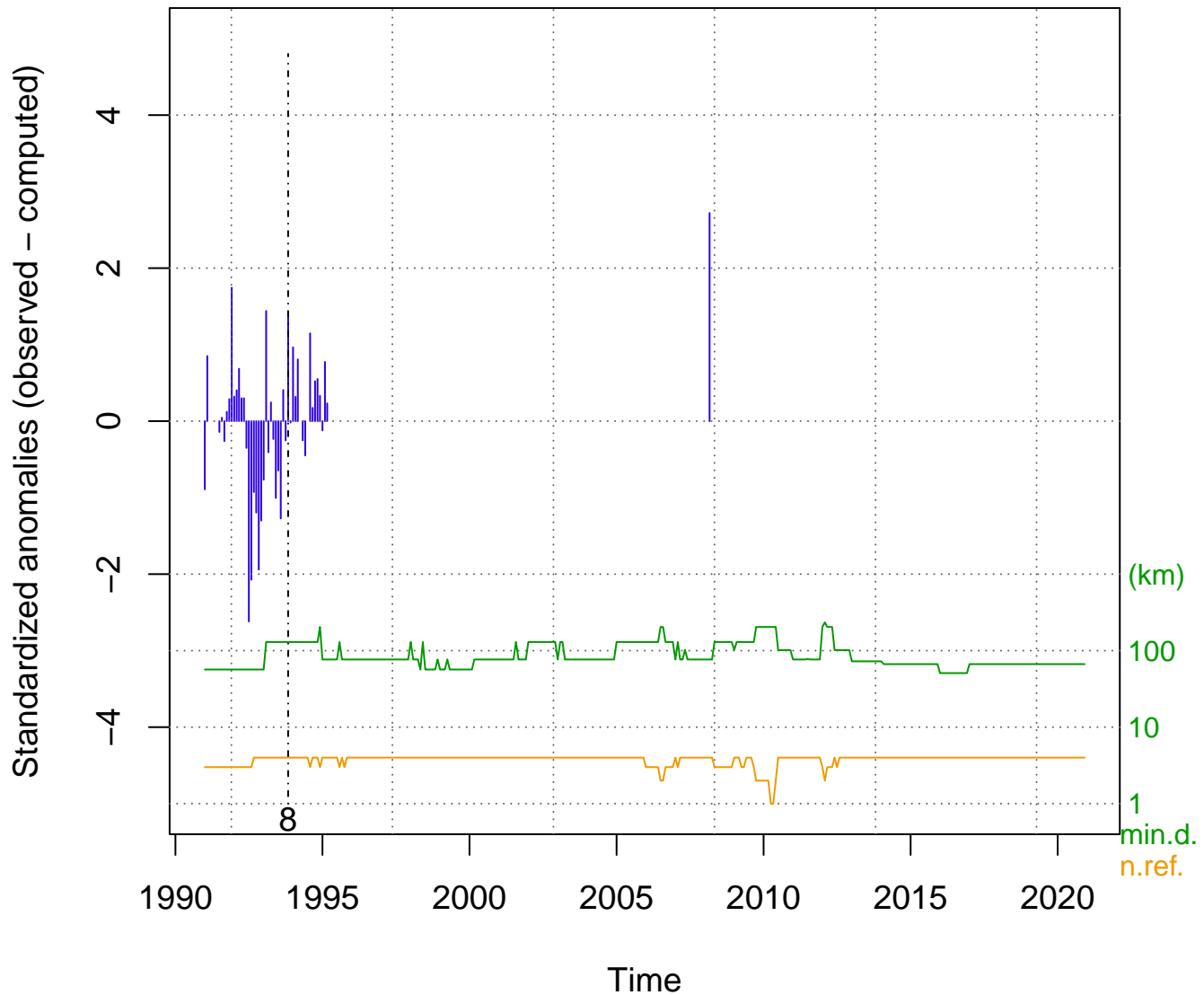
Stage 3

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

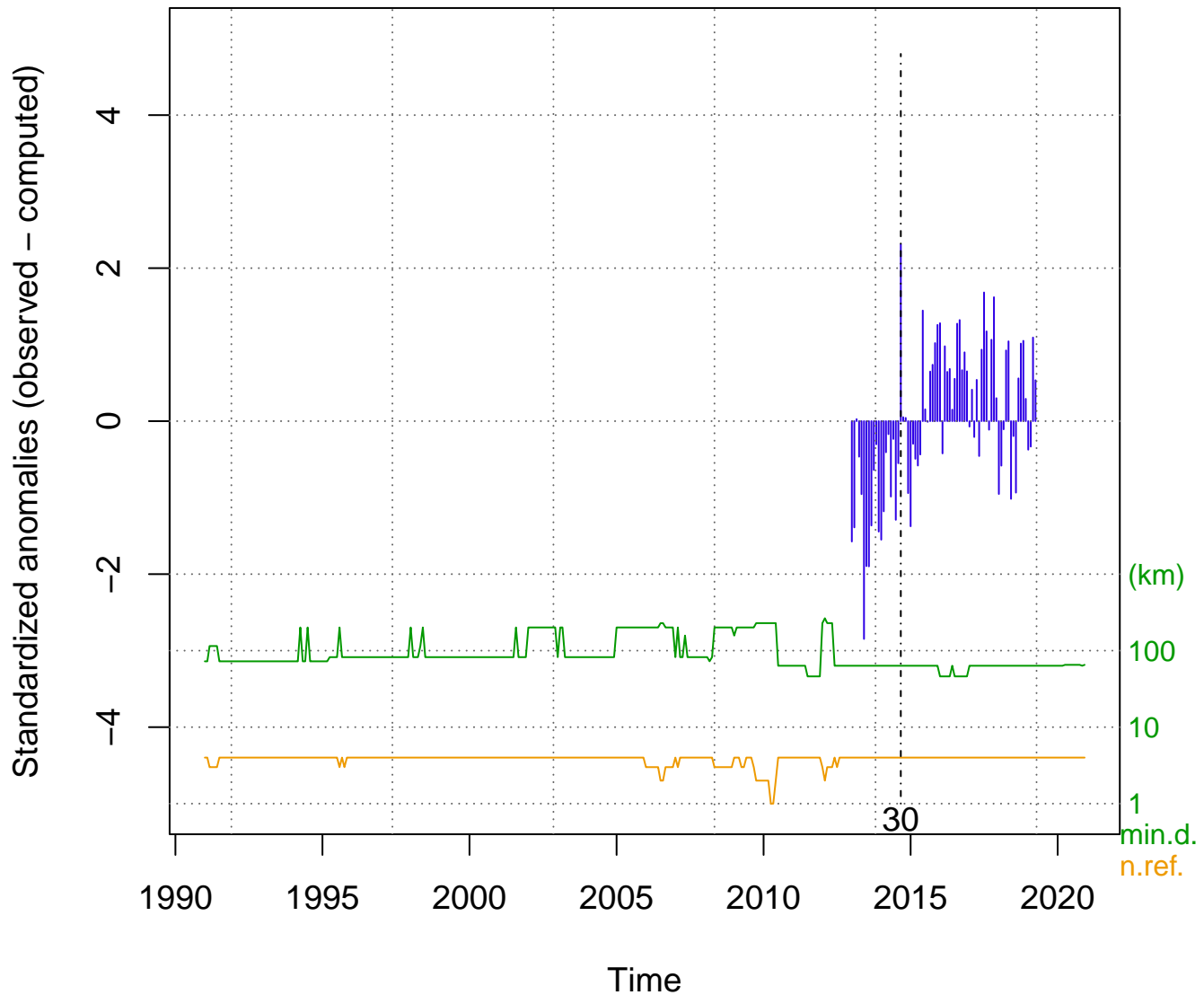
tmed-m 1 (100) aeropuerto



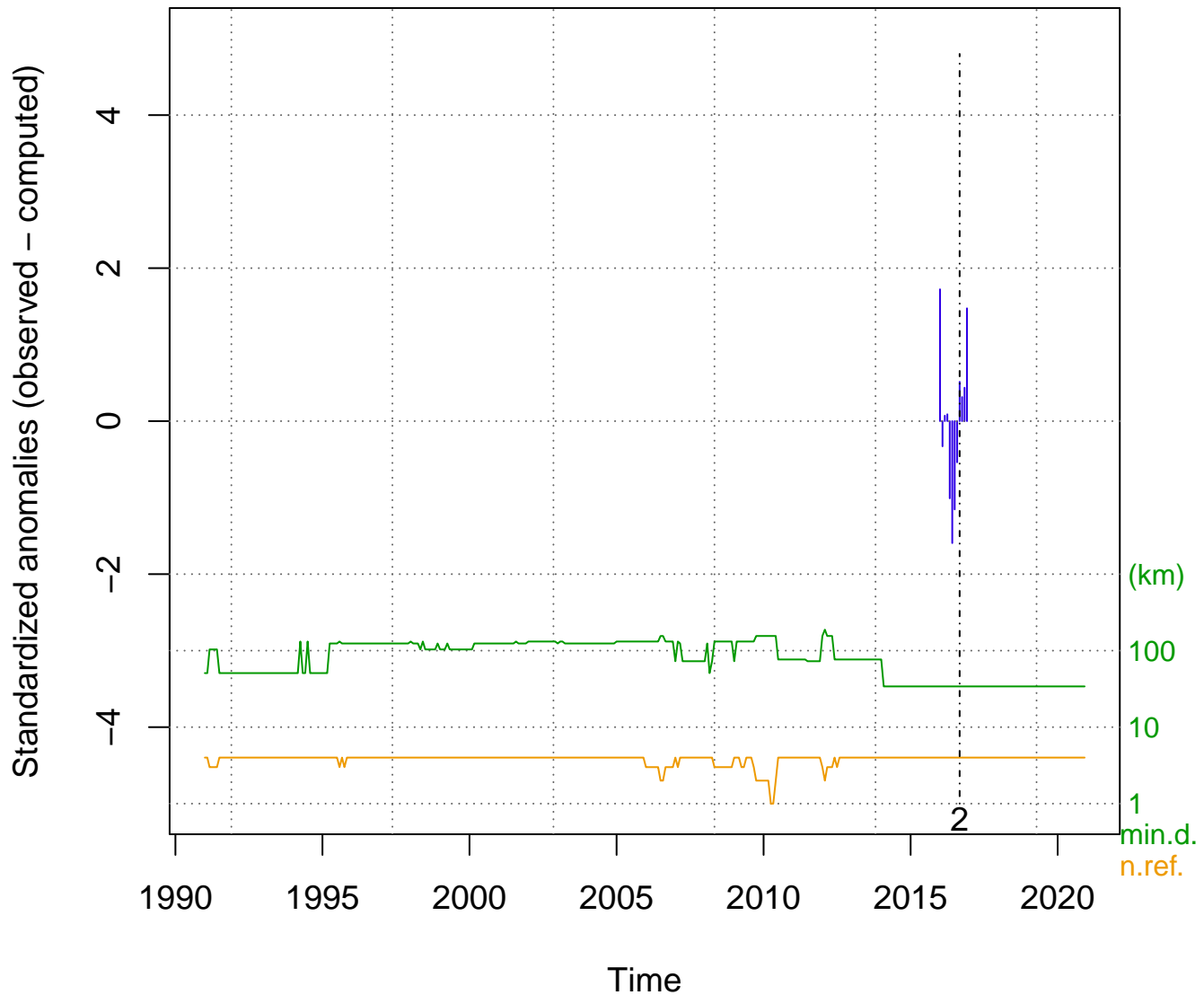
tmed-m 2 (101) andamarca



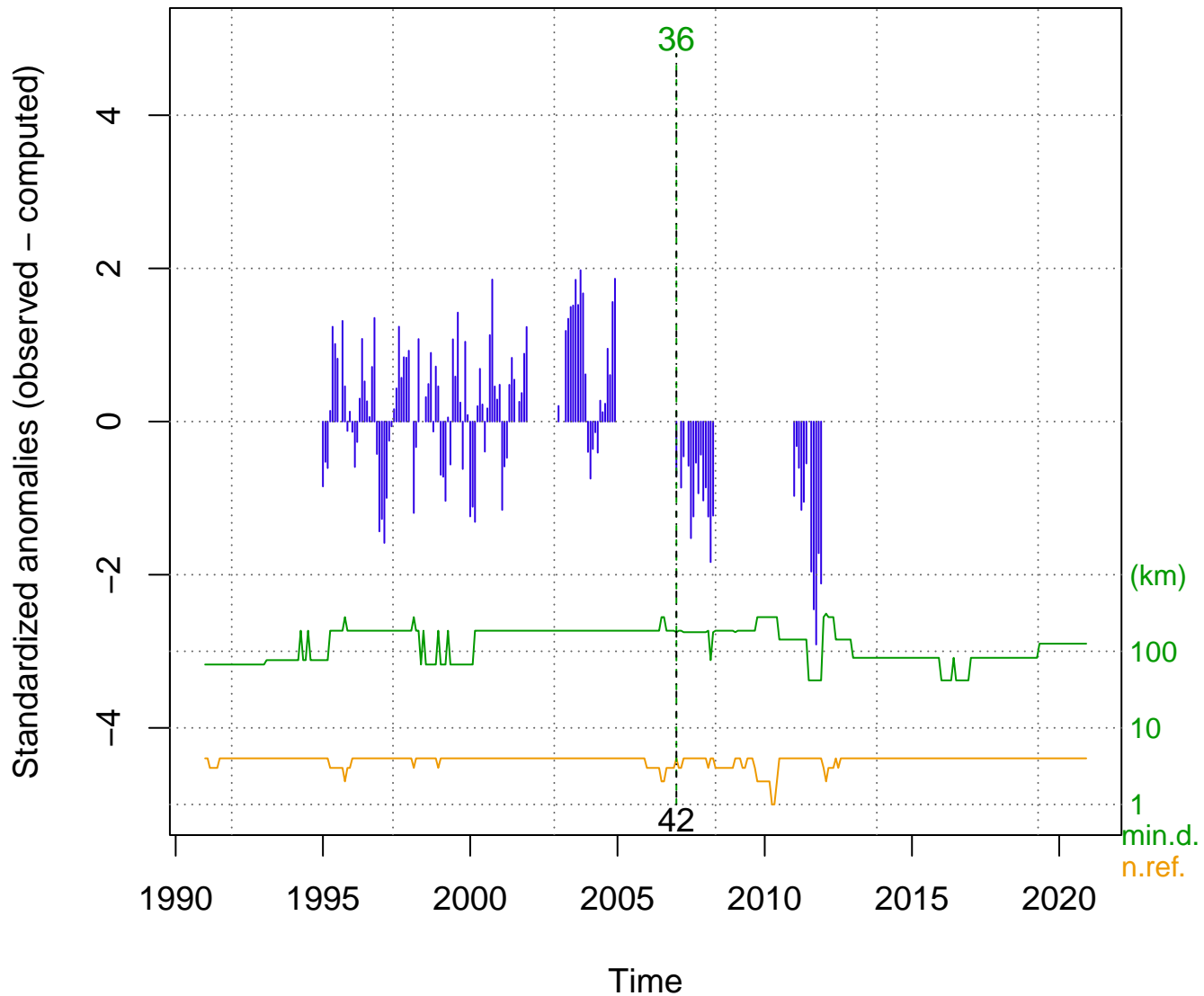
tmed-m 3 (102)
antequera



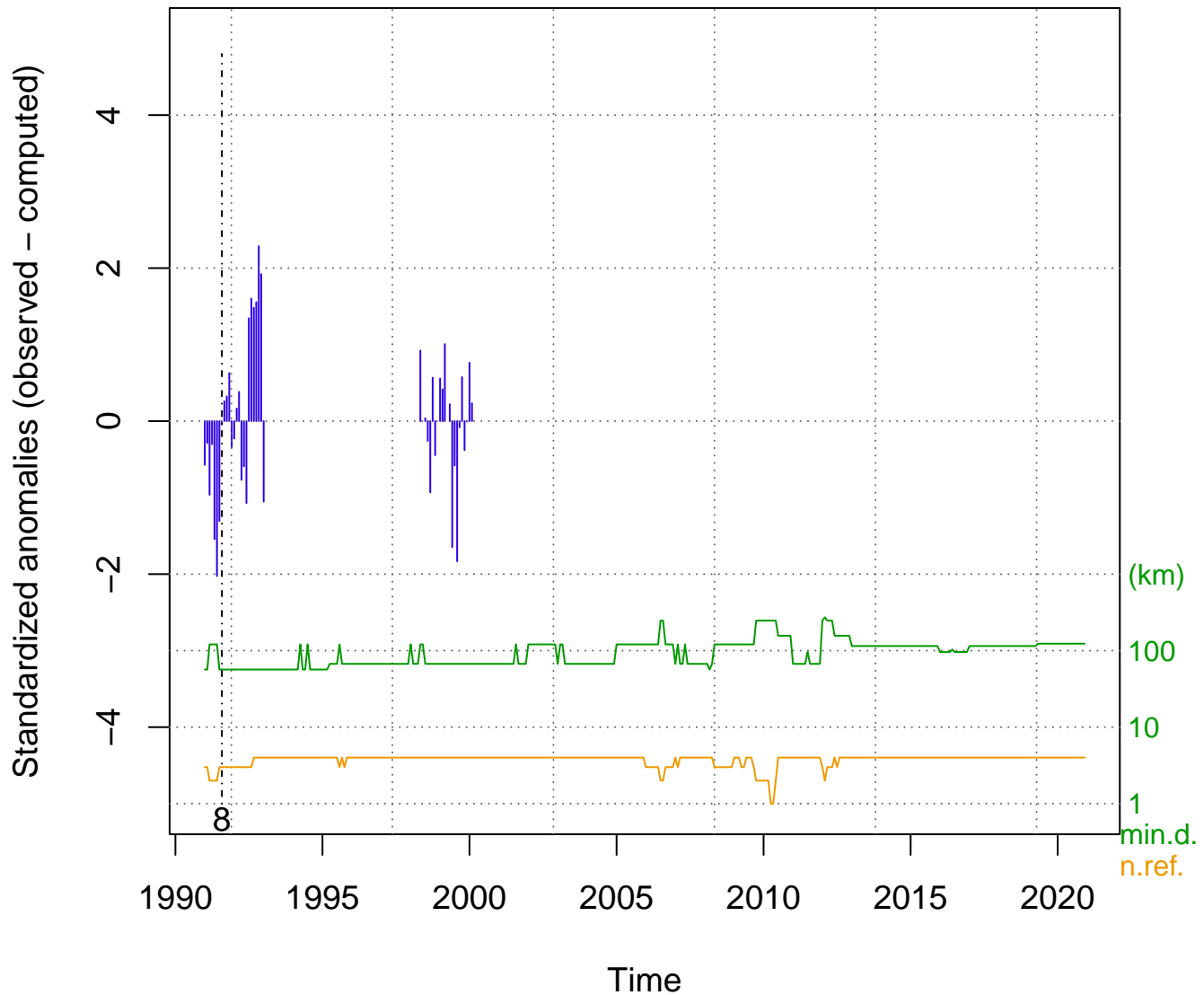
tmed-m 4 (107) corque



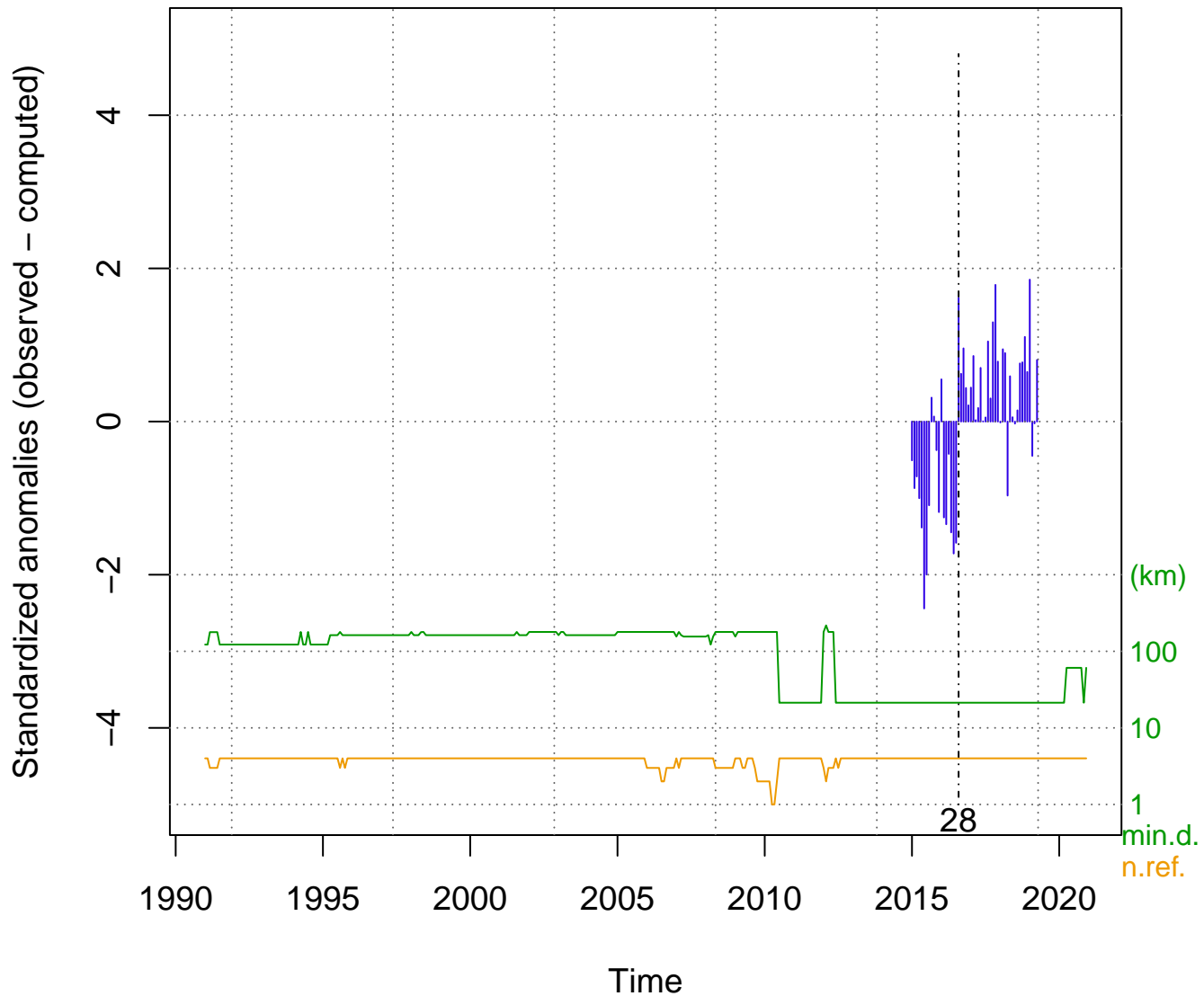
tmed-m 5 (113) quillacas



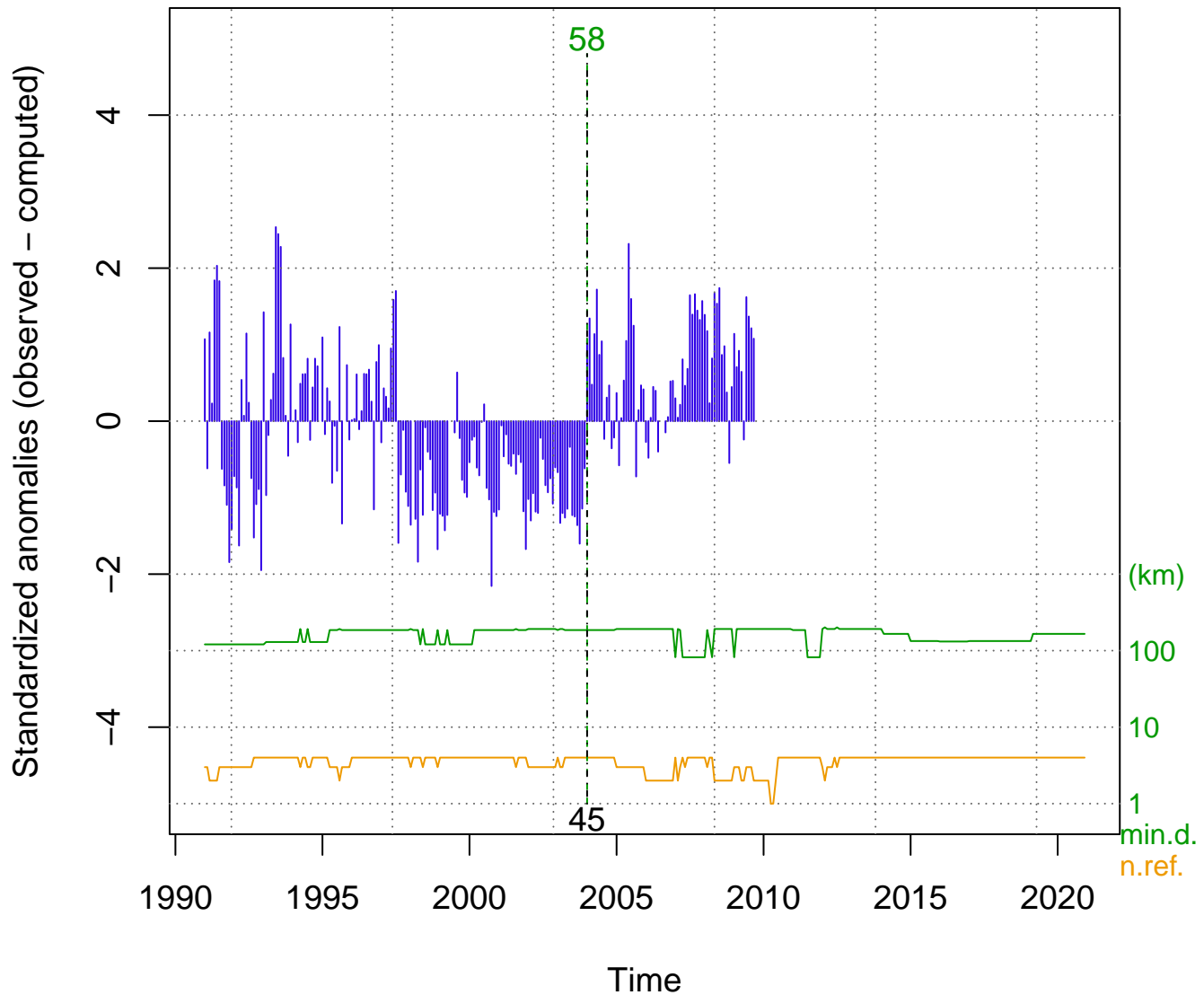
tmed-m 6 (114) san_martin



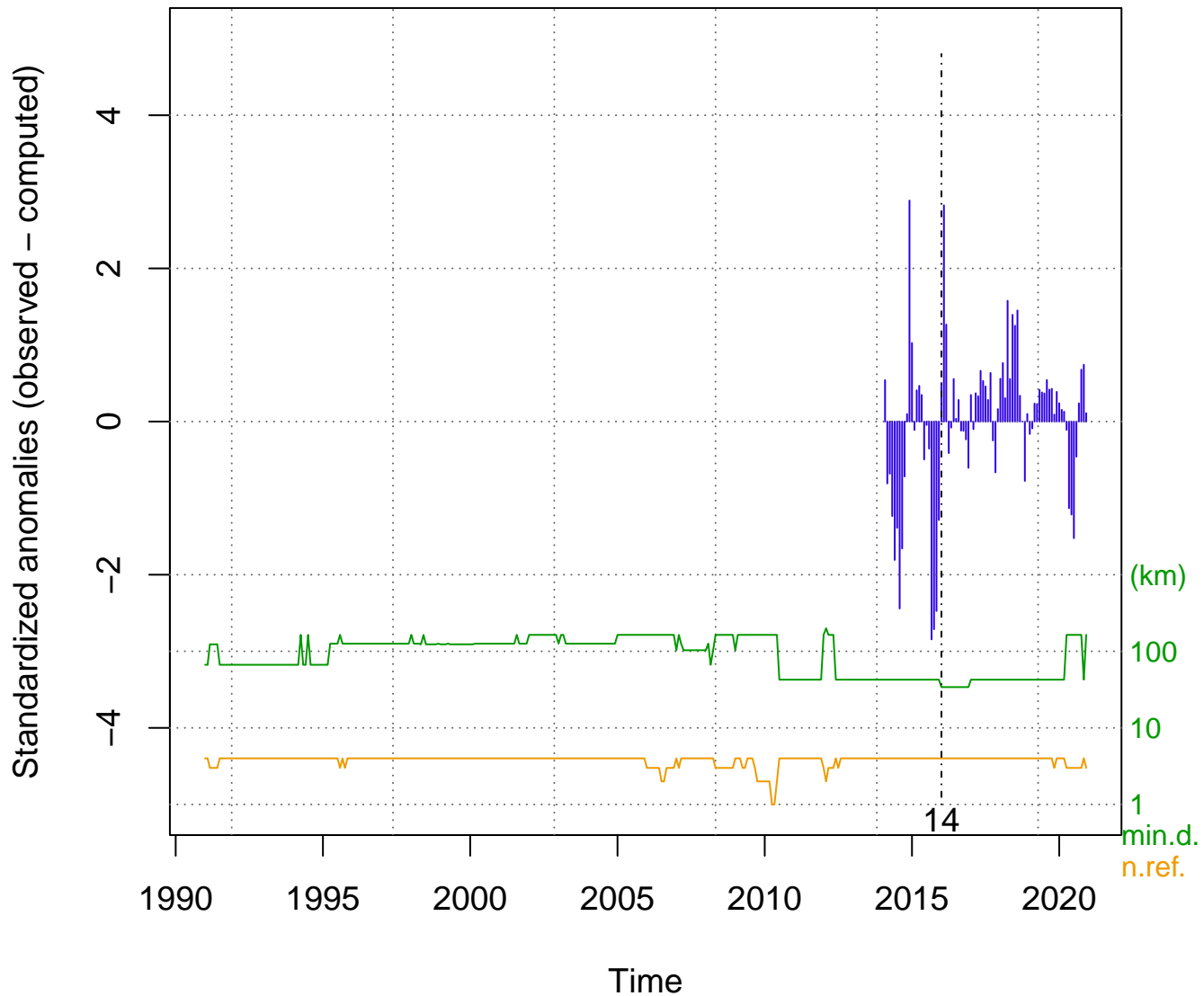
tmed-m 7 (115) soracachi



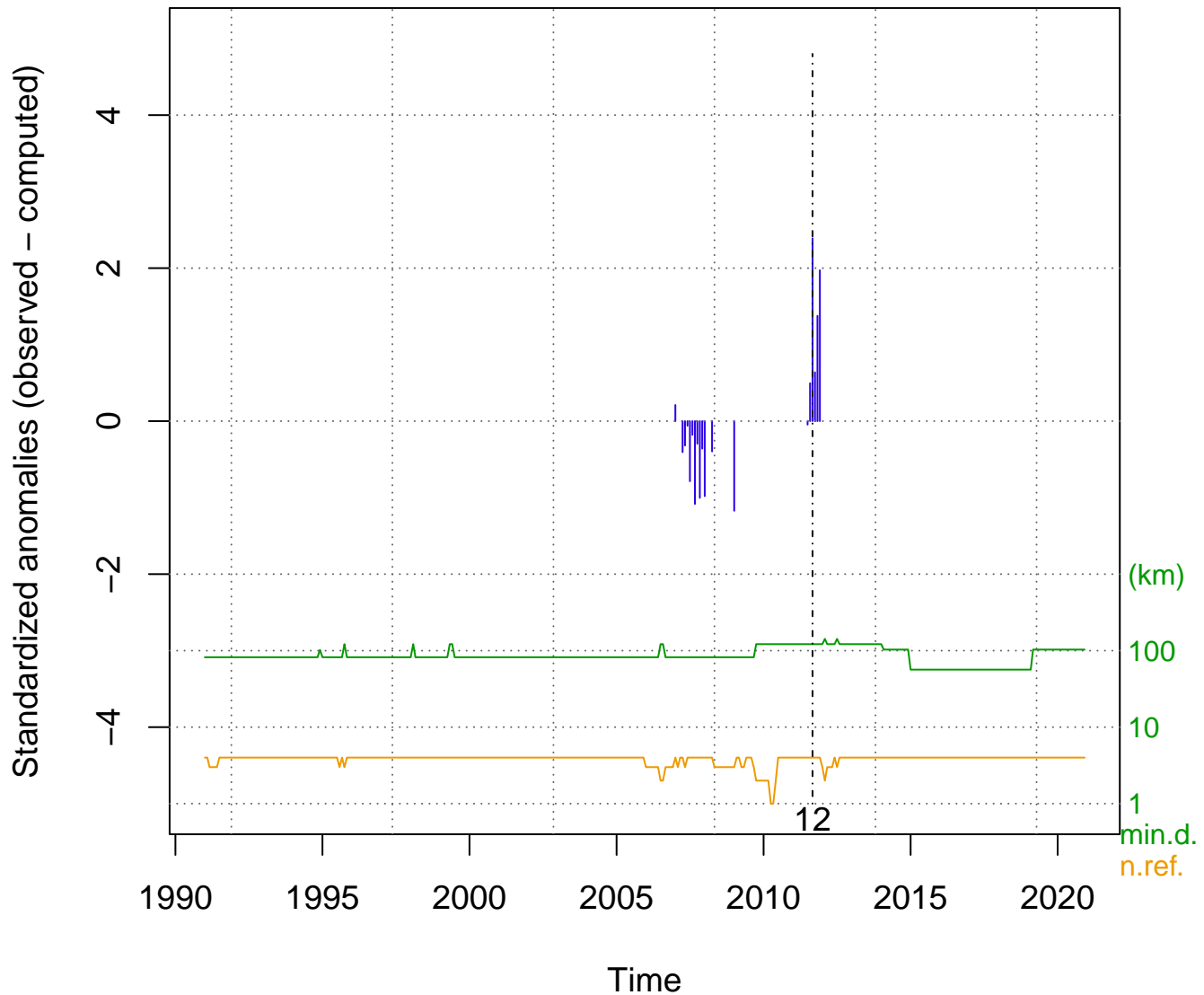
tmed-m 8 (116)
todo_santos



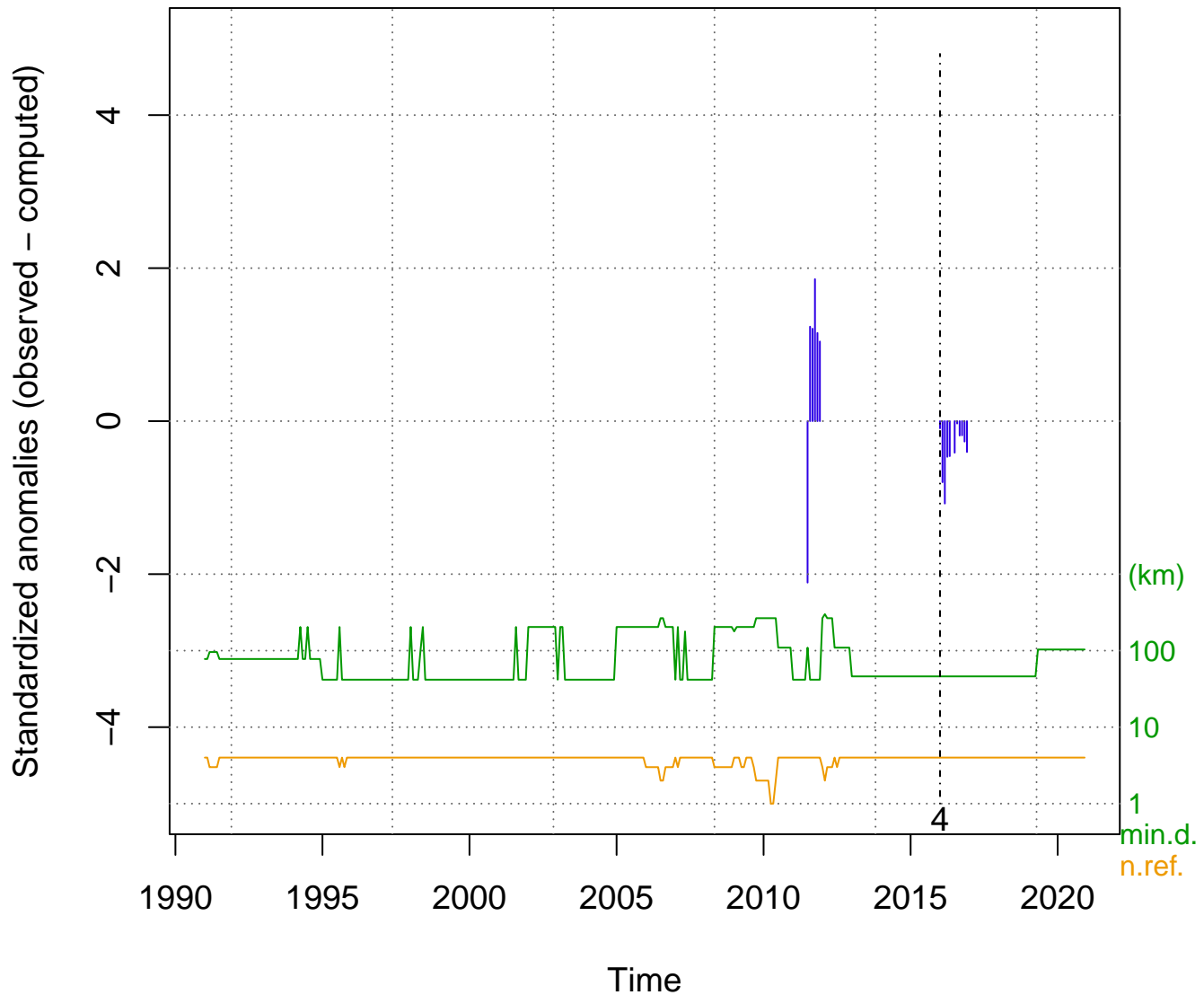
tmed-m 9 (117) toledo



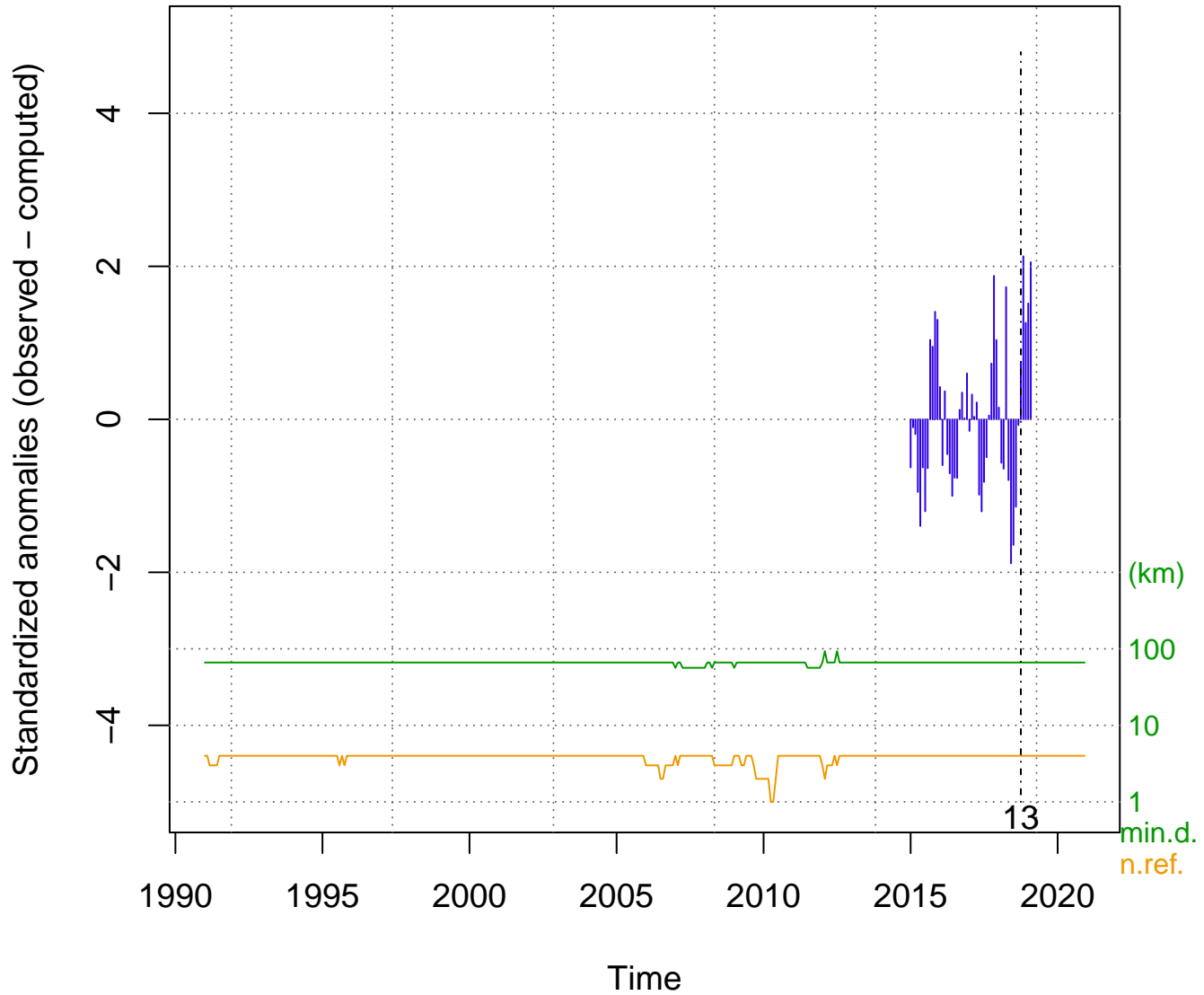
tmed-m 10 (118) turco



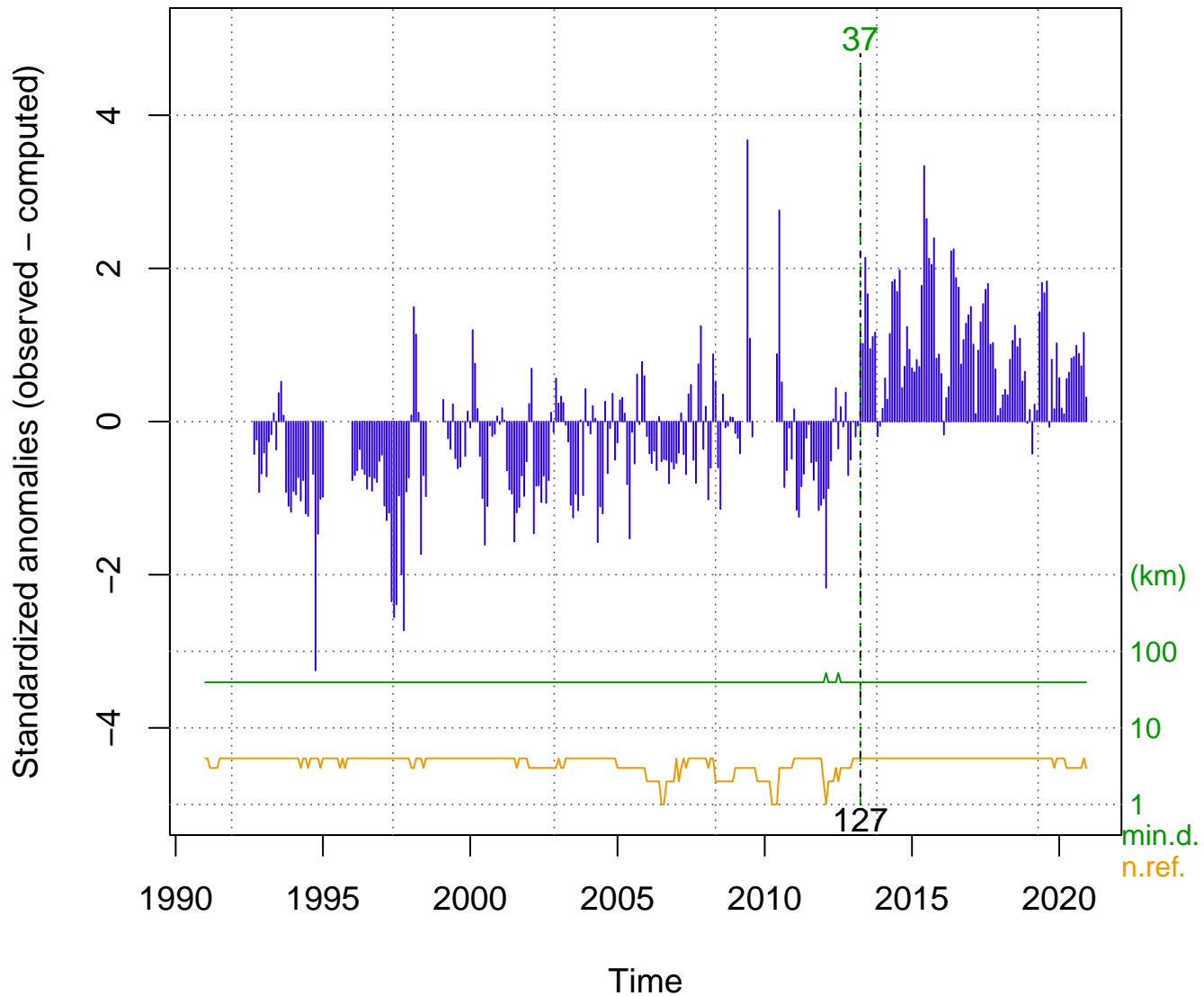
tmed-m 11 (120) challapata



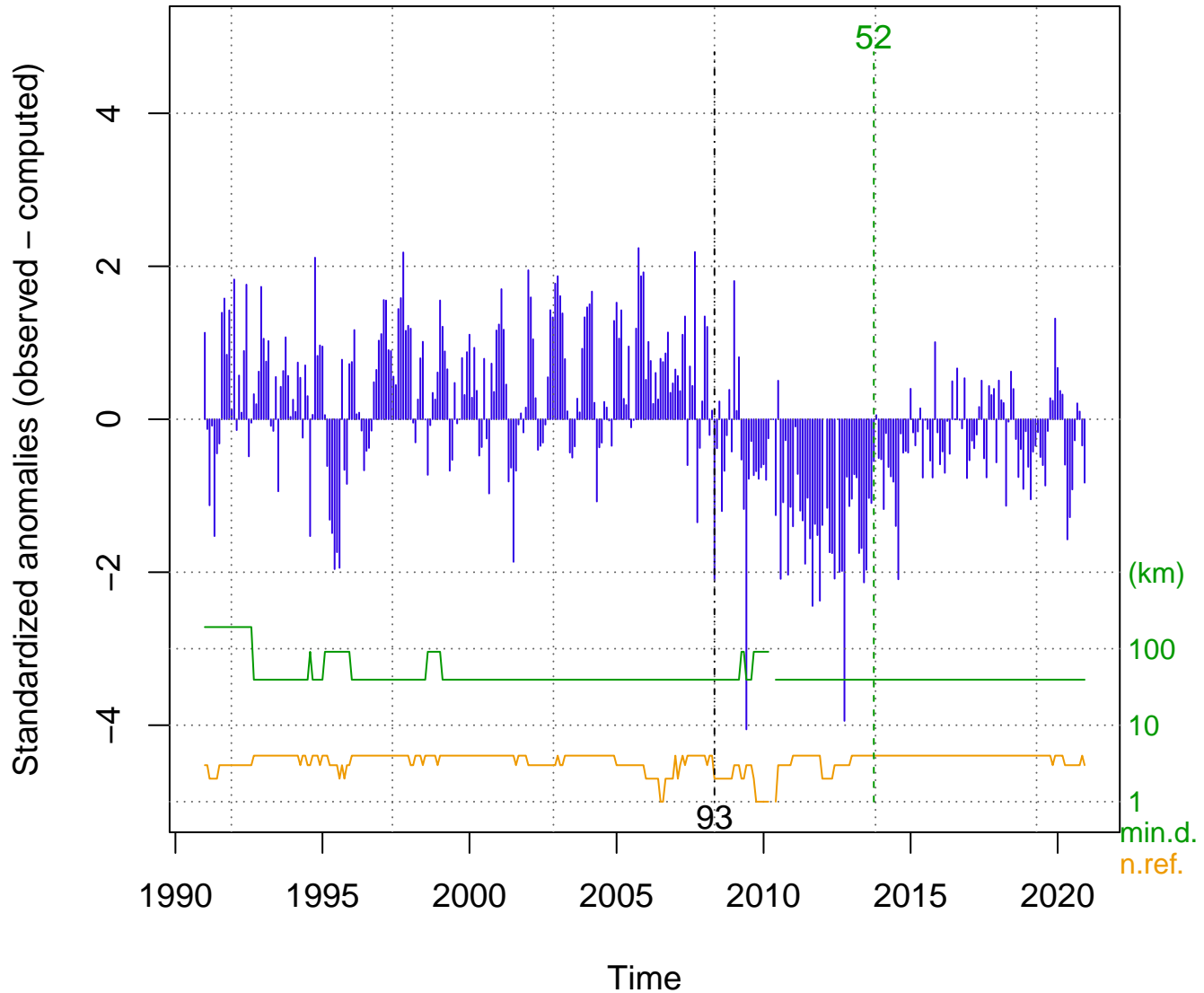
tmed-m 12 (121) curahuara



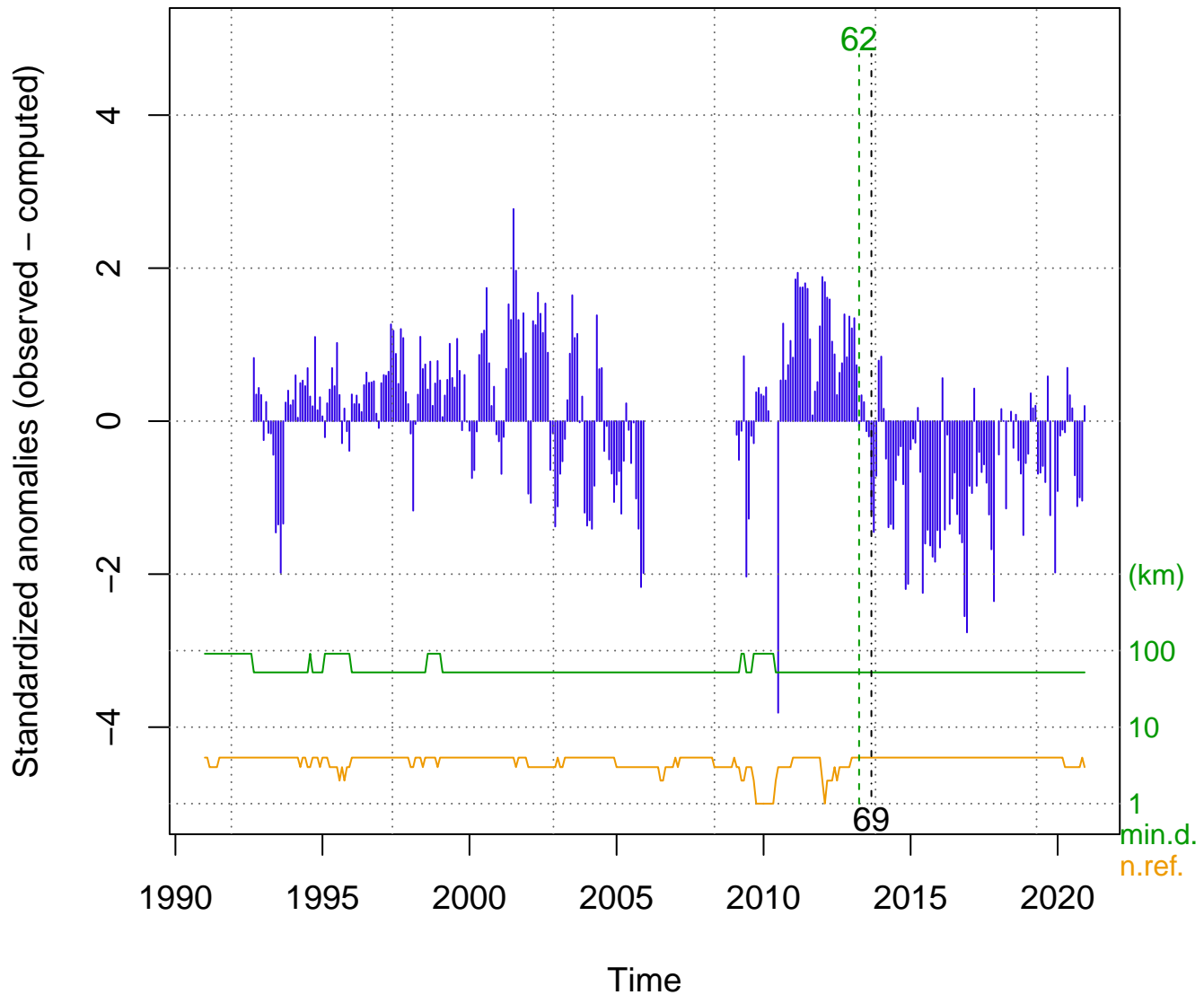
tmed-m 13 (200) achiri



tmed-m 14 (203)
calacoto



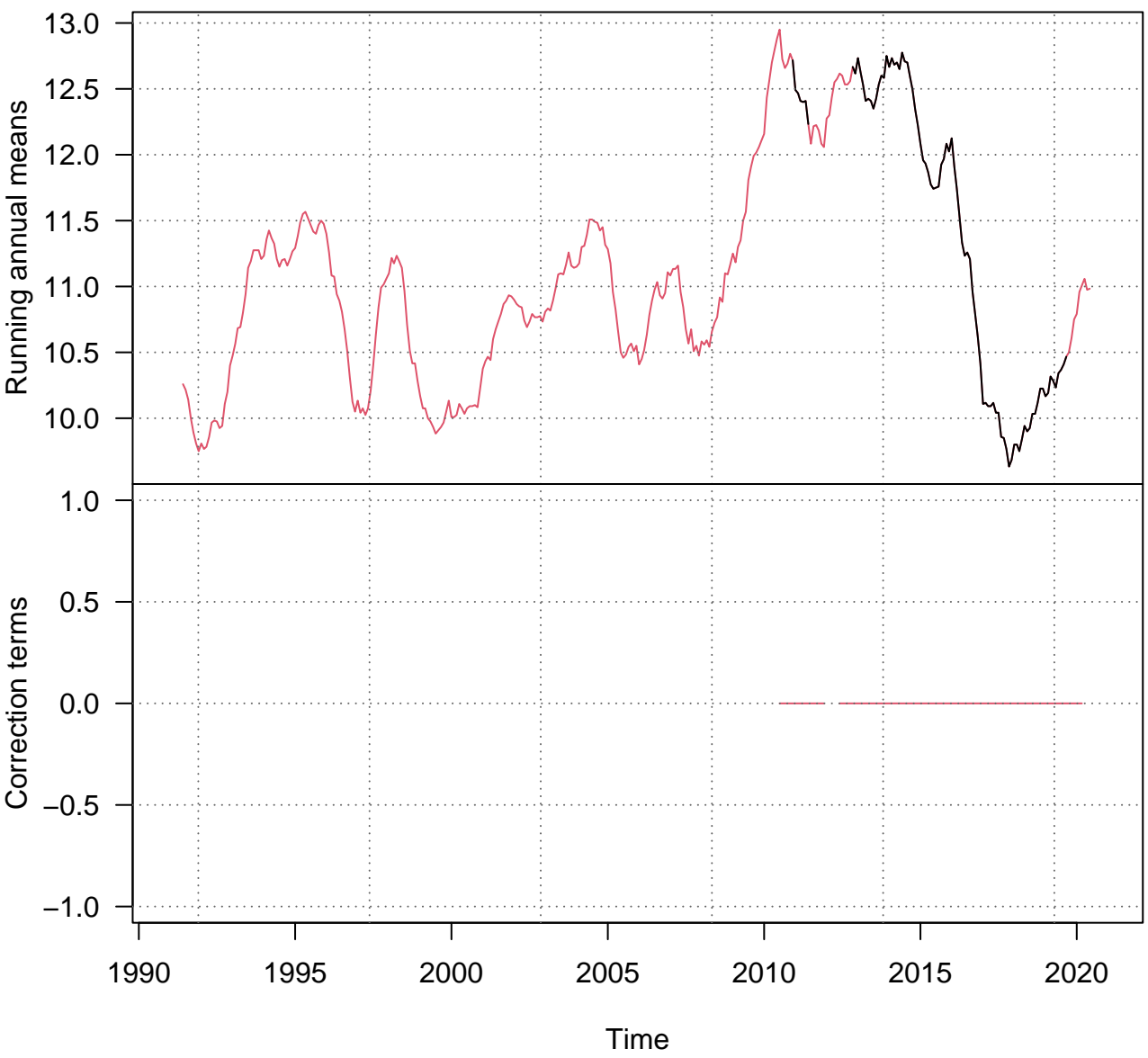
tmed-m 15 (204)
catacora



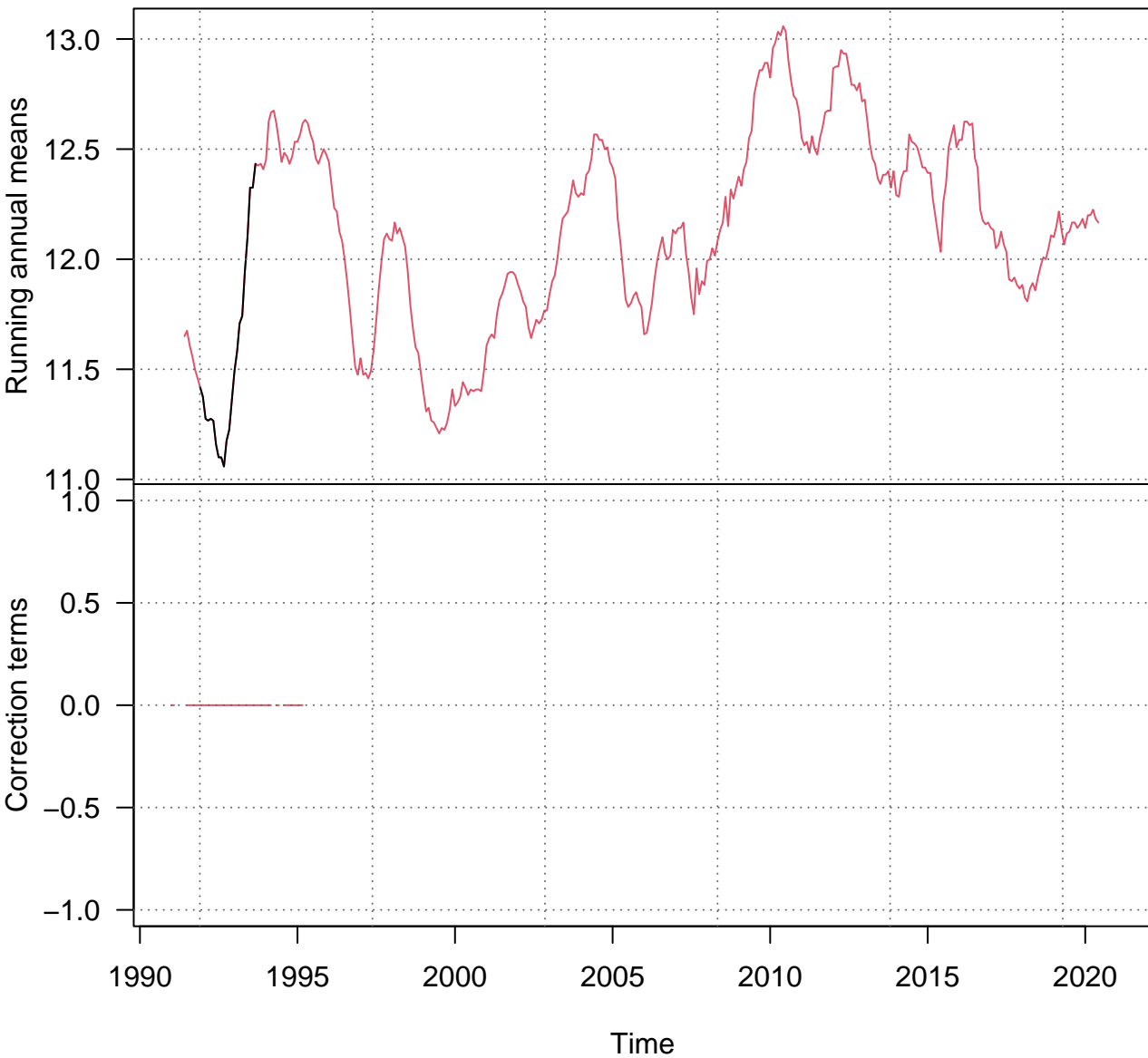
Final graphics

Adjusted series and
applied corrections

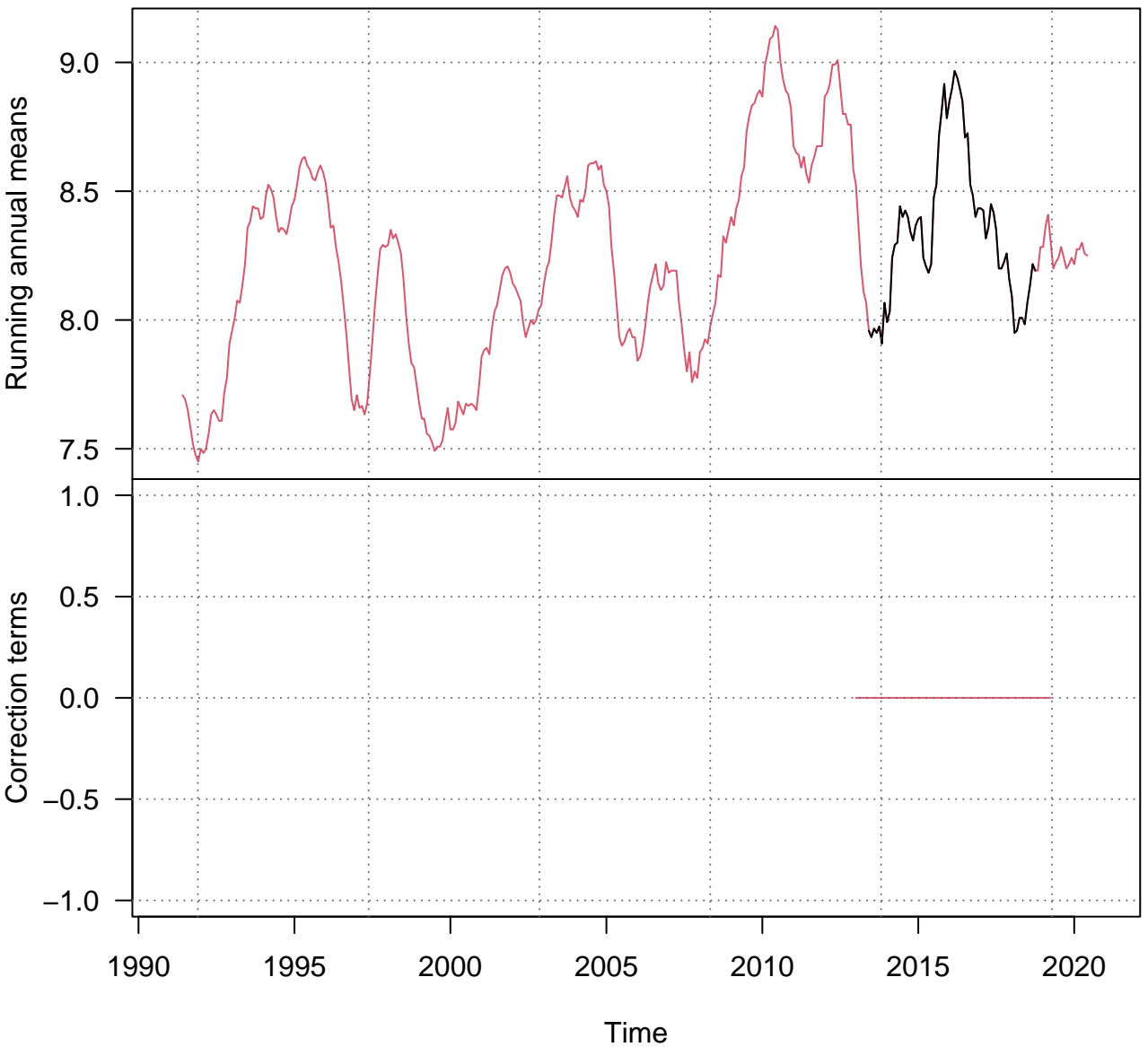
tmed-m 1 (100)
aeropuerto



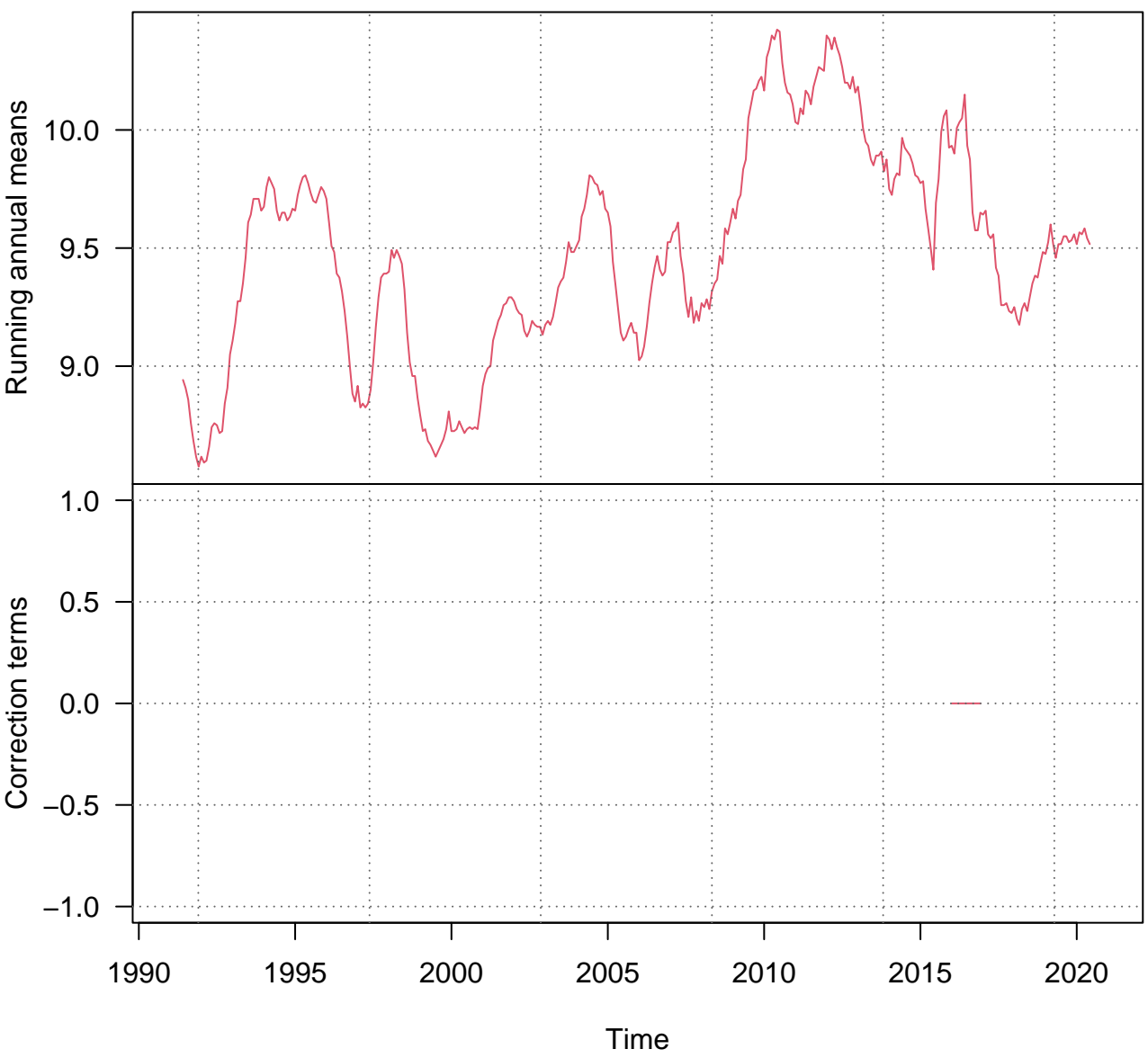
tmed-m 2 (101)
andamarca



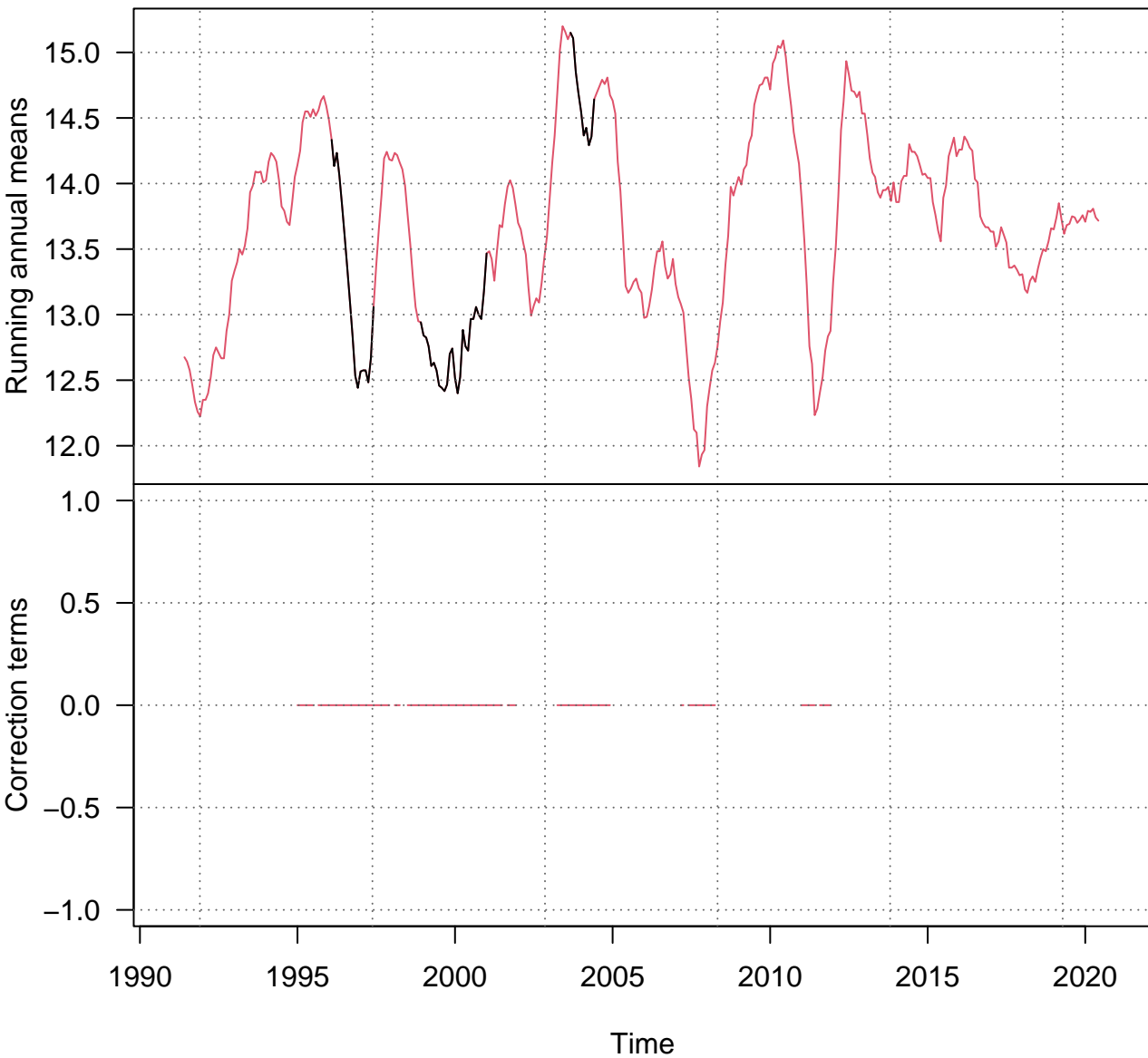
tmed-m 3 (102)
antequera



tmed-m 4 (107)
corque

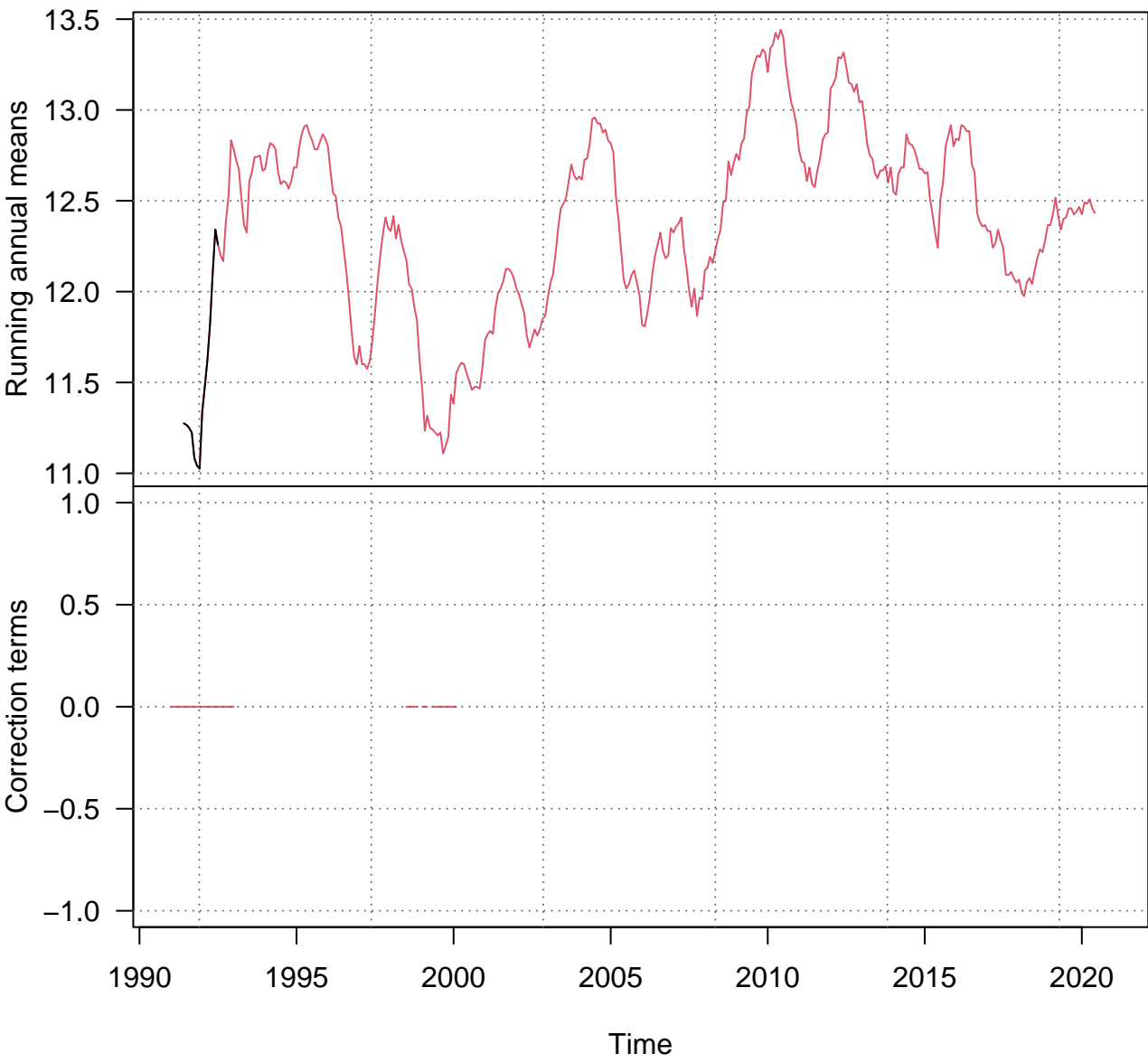


tmed-m 5 (113)
quillacas

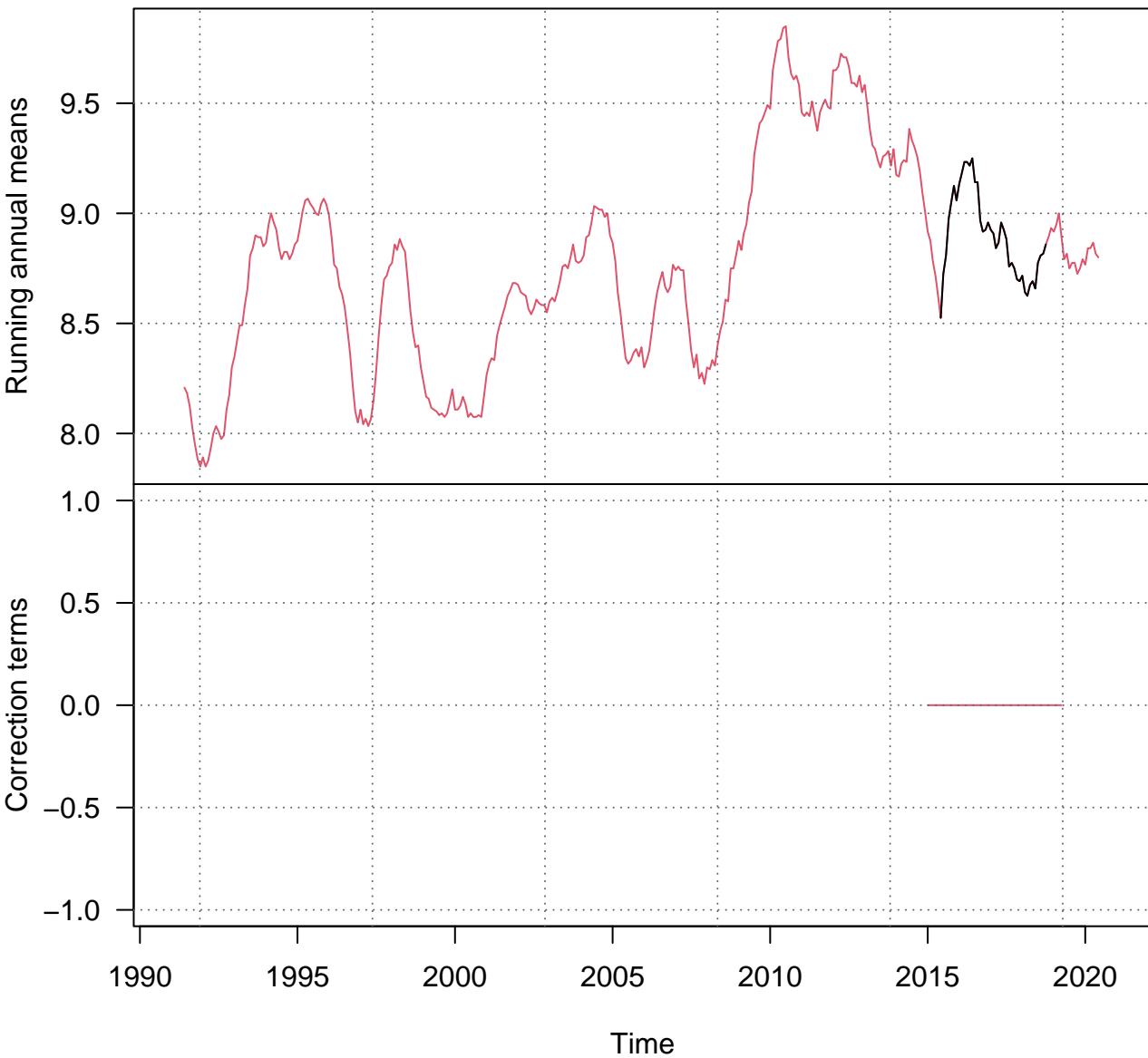


tmed-m 6 (114)

san_martin

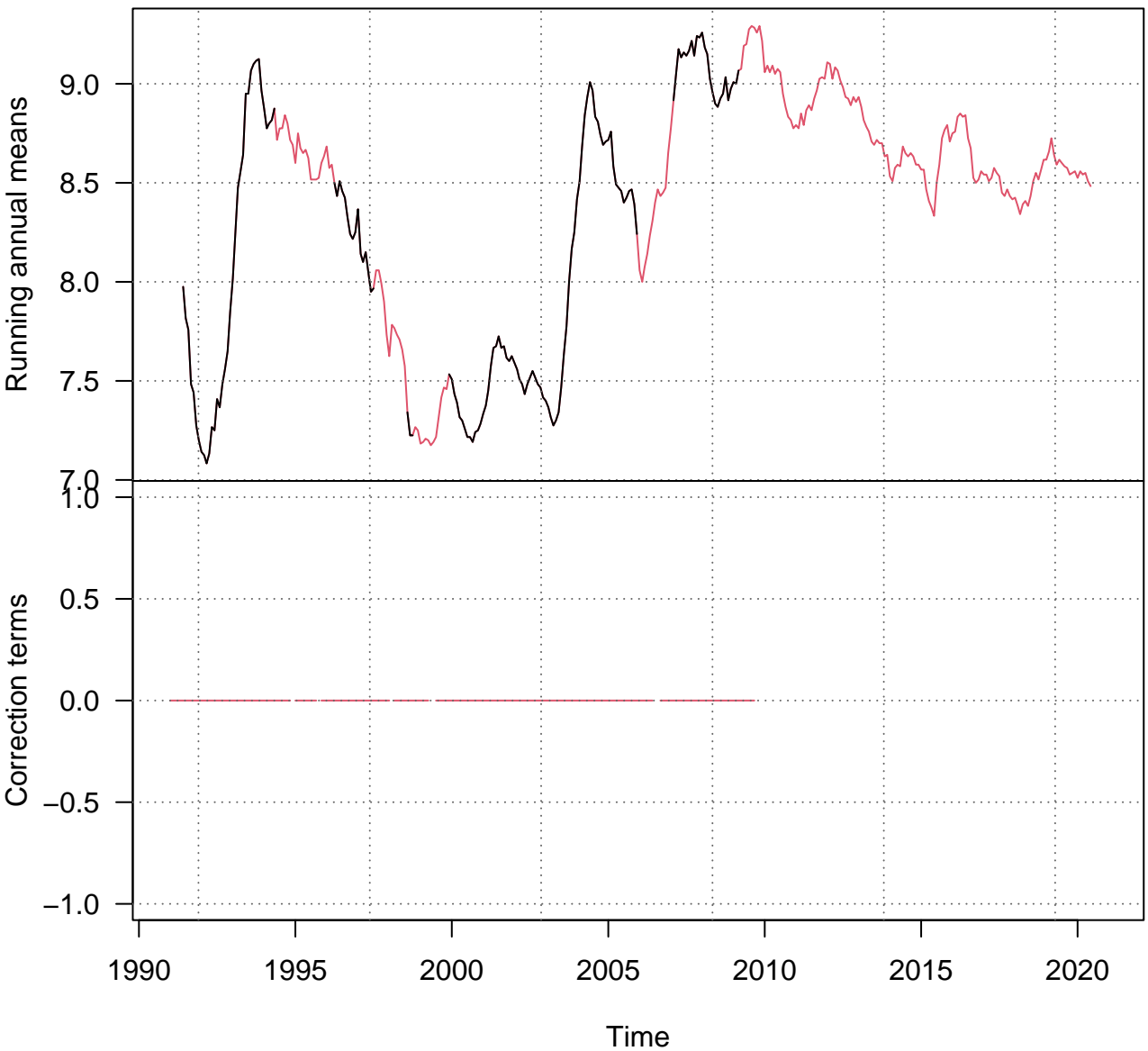


tmed-m 7 (115)
soracachi

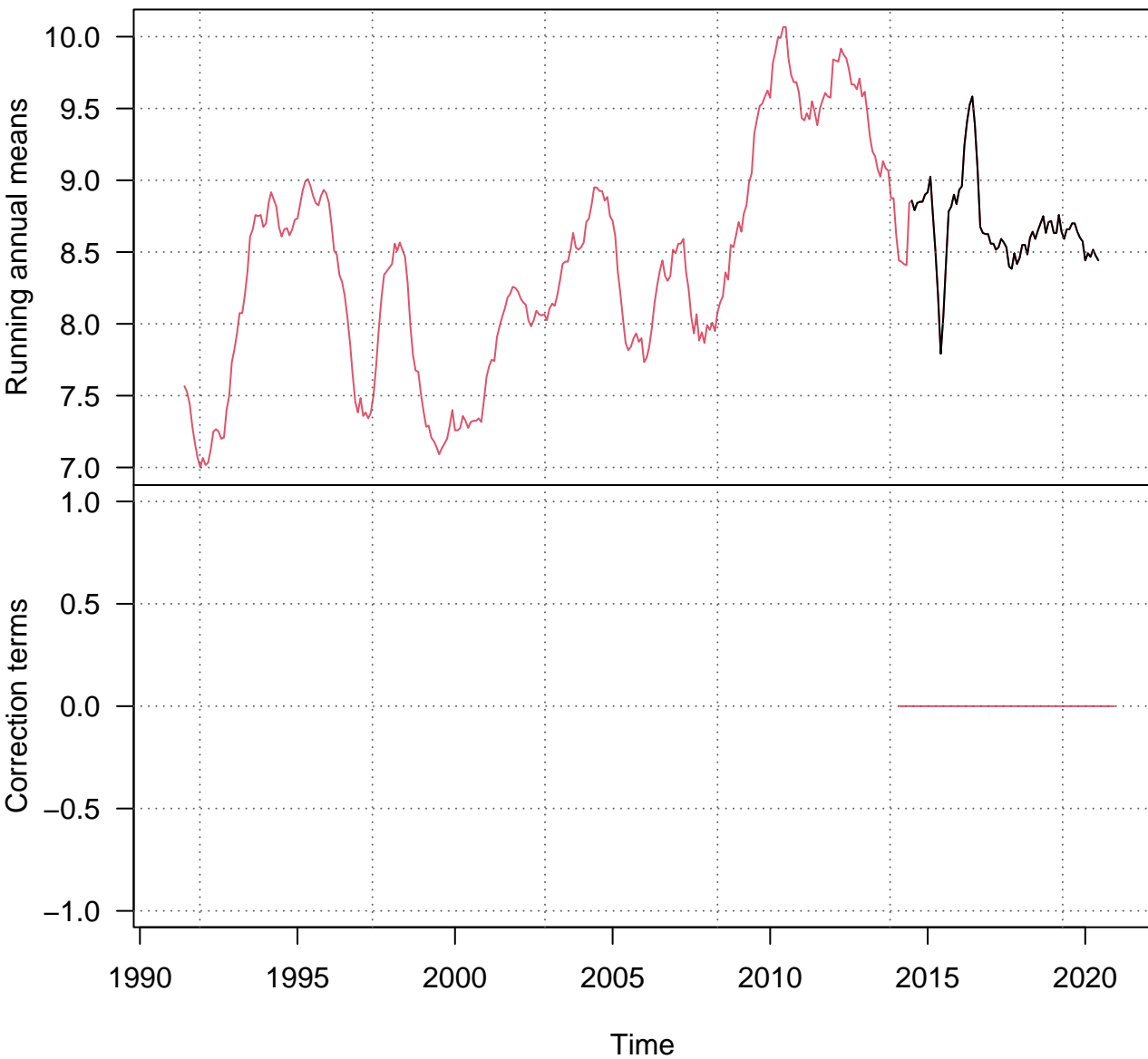


tmed-m 8 (116)

todo_santos

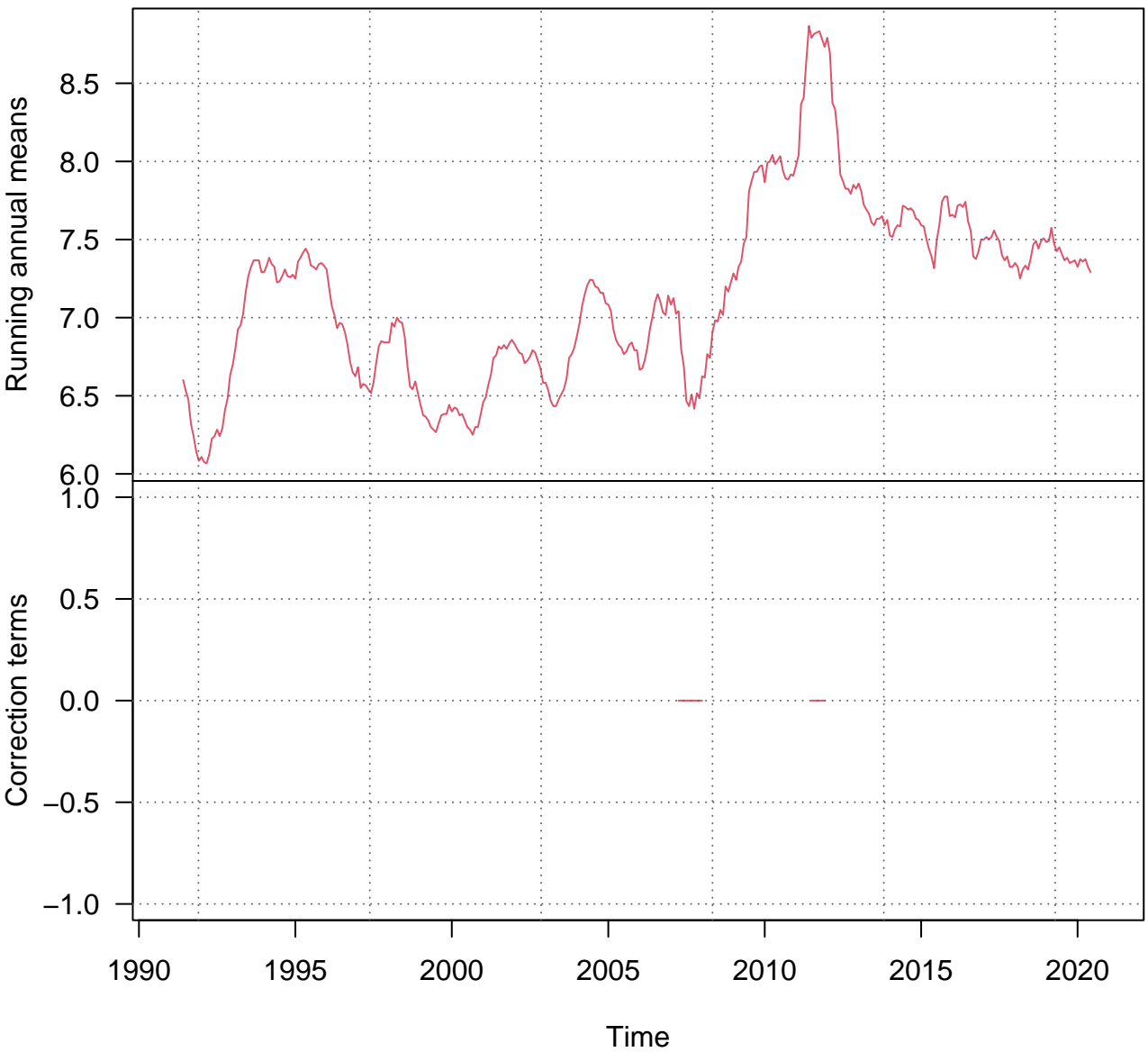


tmed-m 9 (117)
toledo

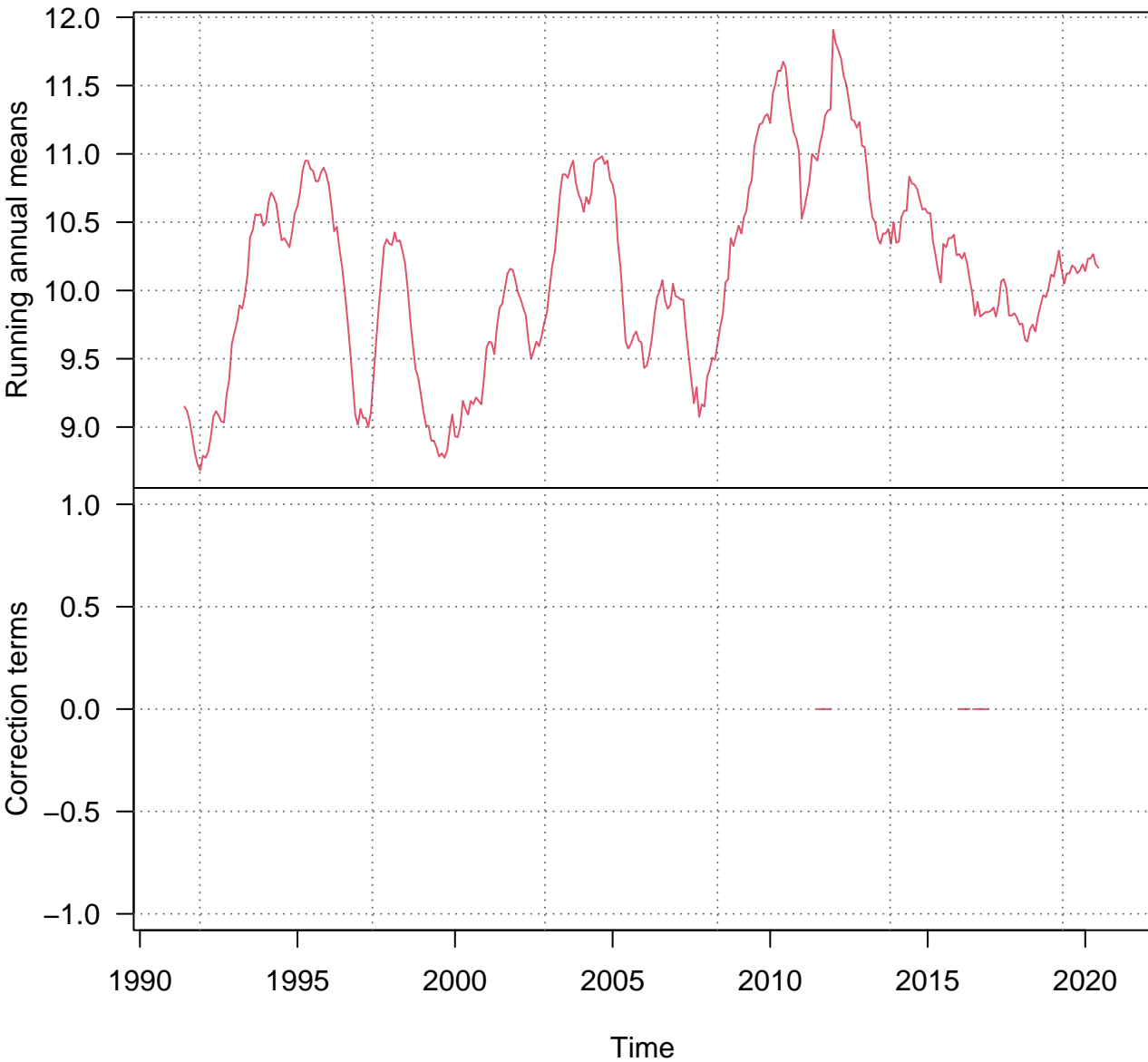


tmed-m 10 (118)

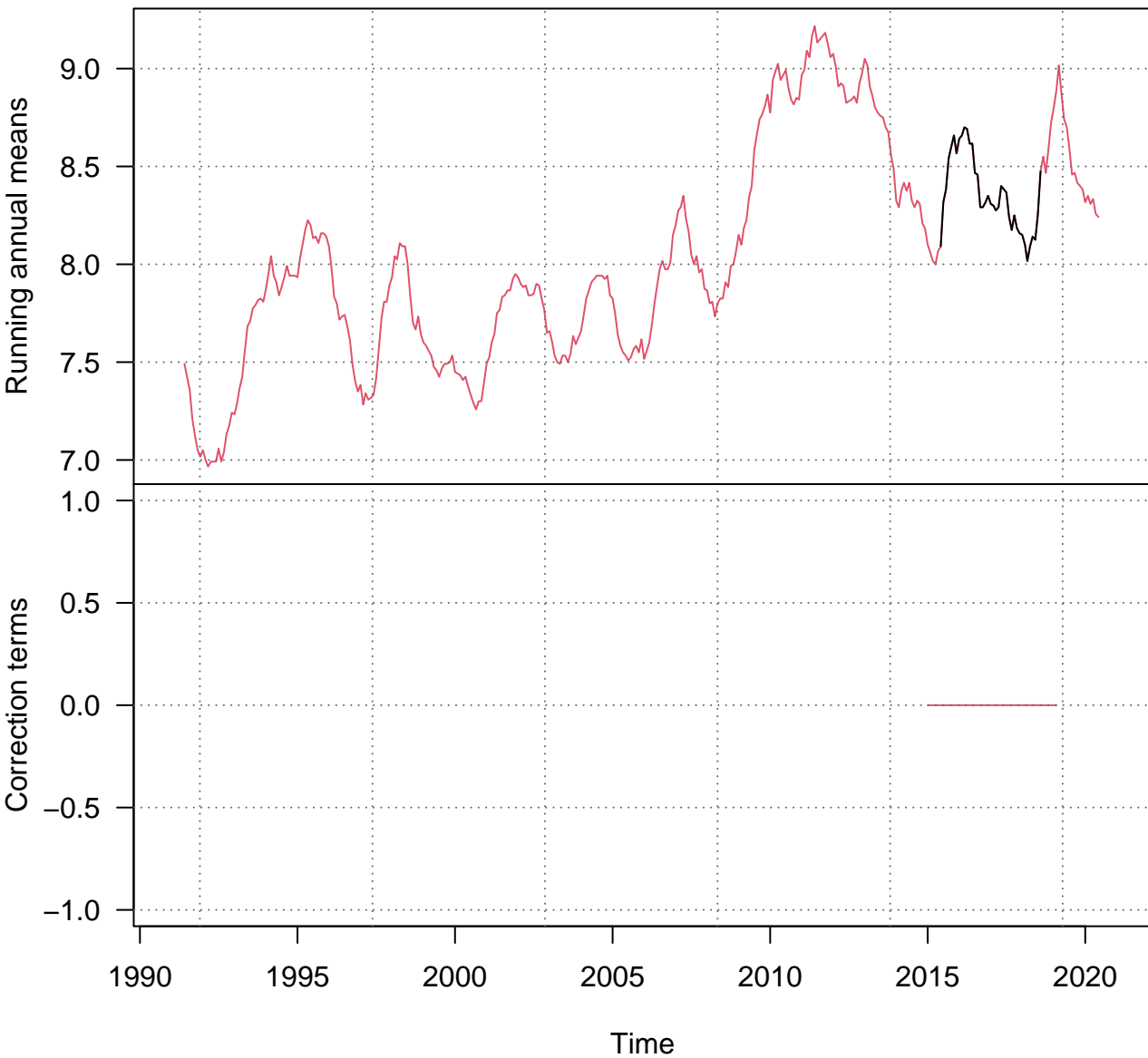
turco



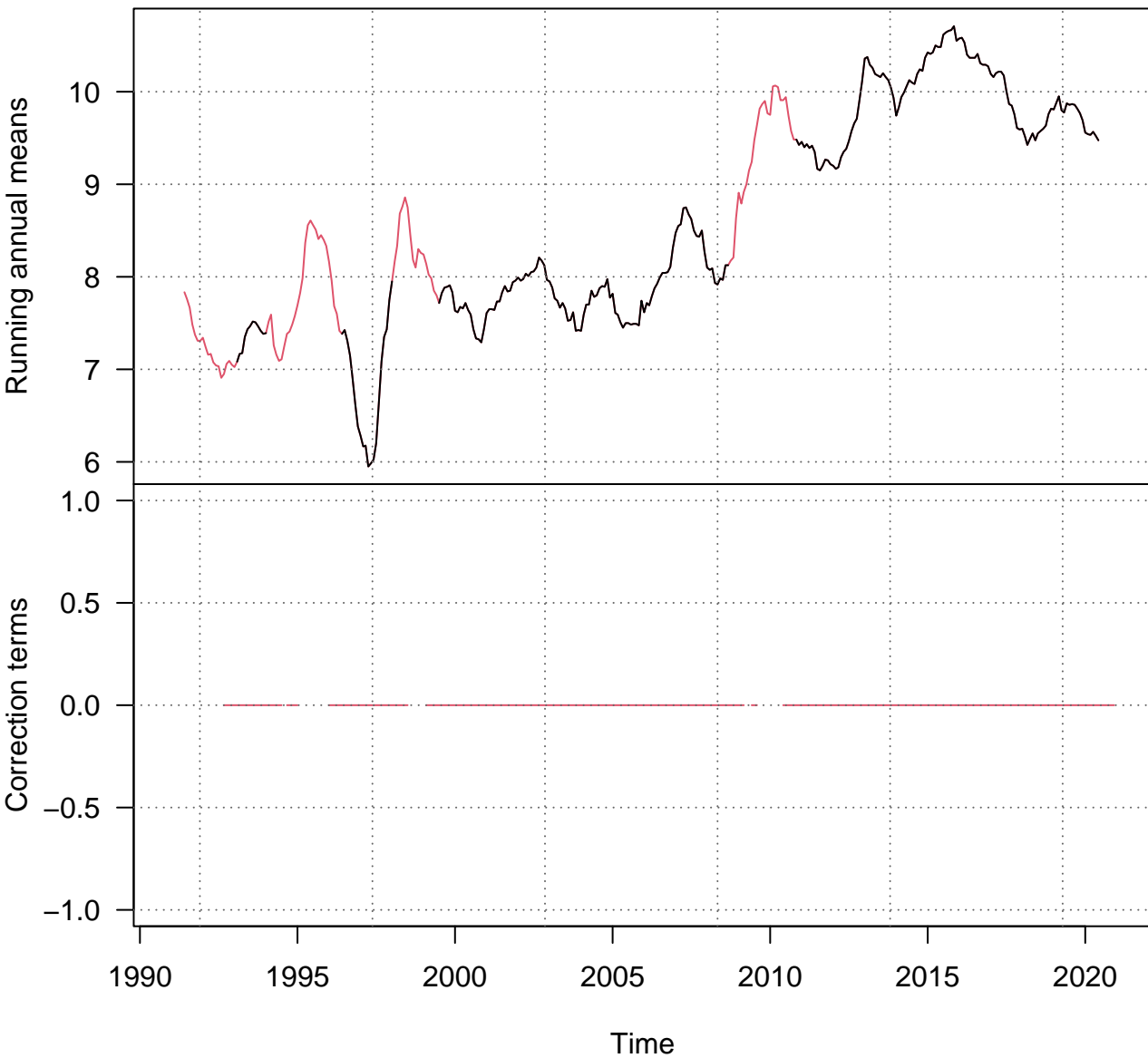
tmed-m 11 (120)
challapata



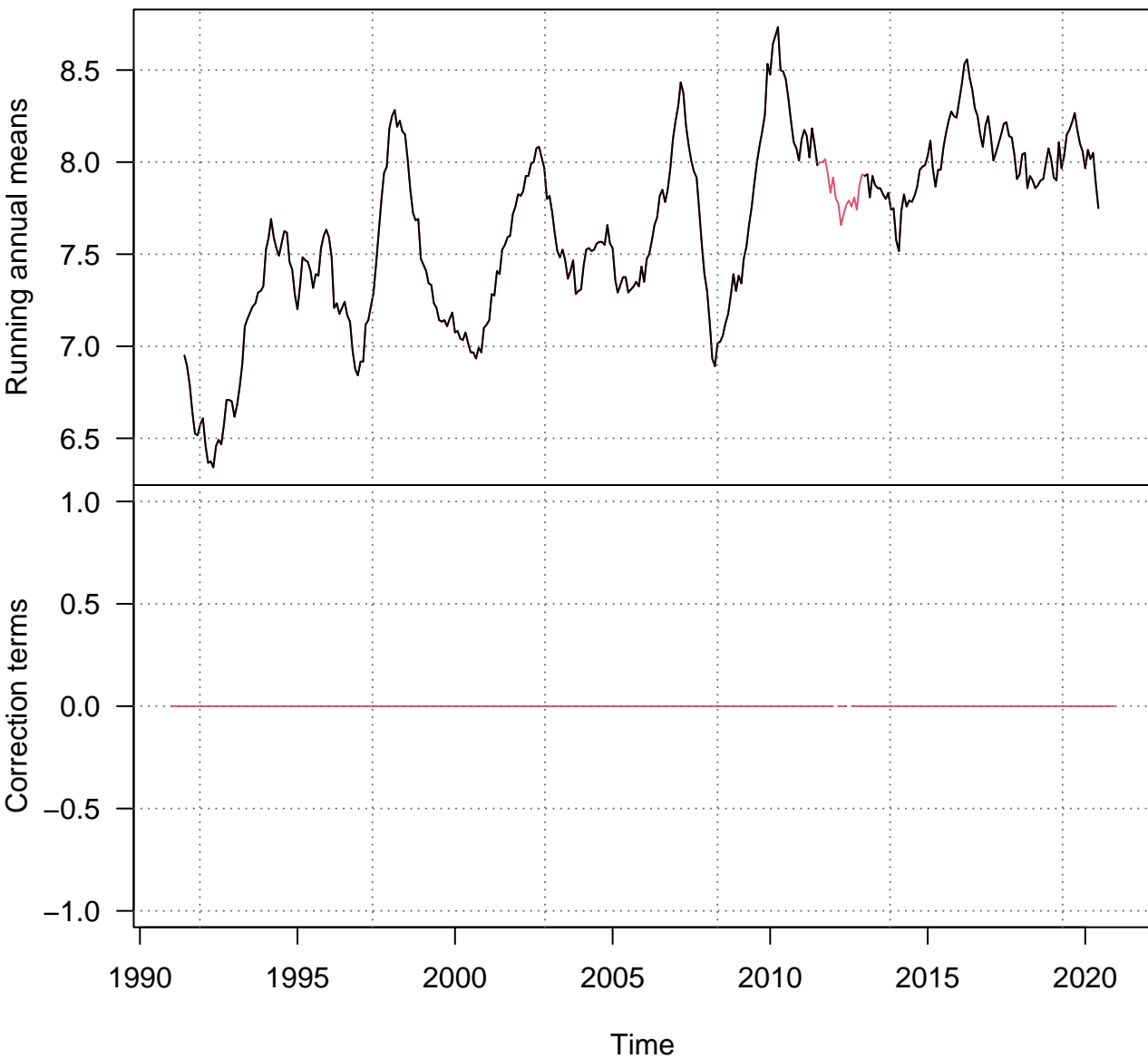
tmed-m 12 (121)
curahuara



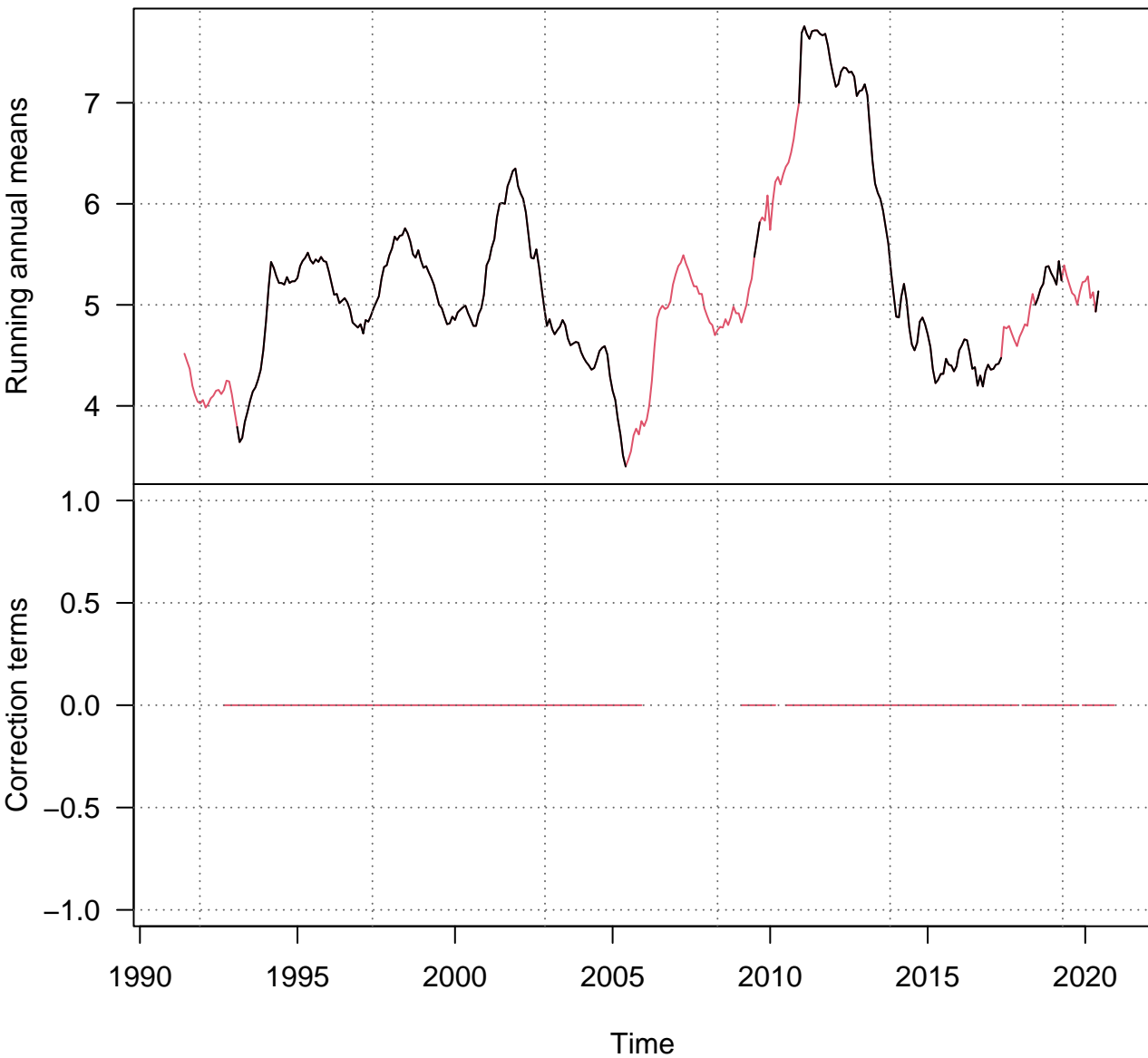
tmed-m 13 (200)
achiri



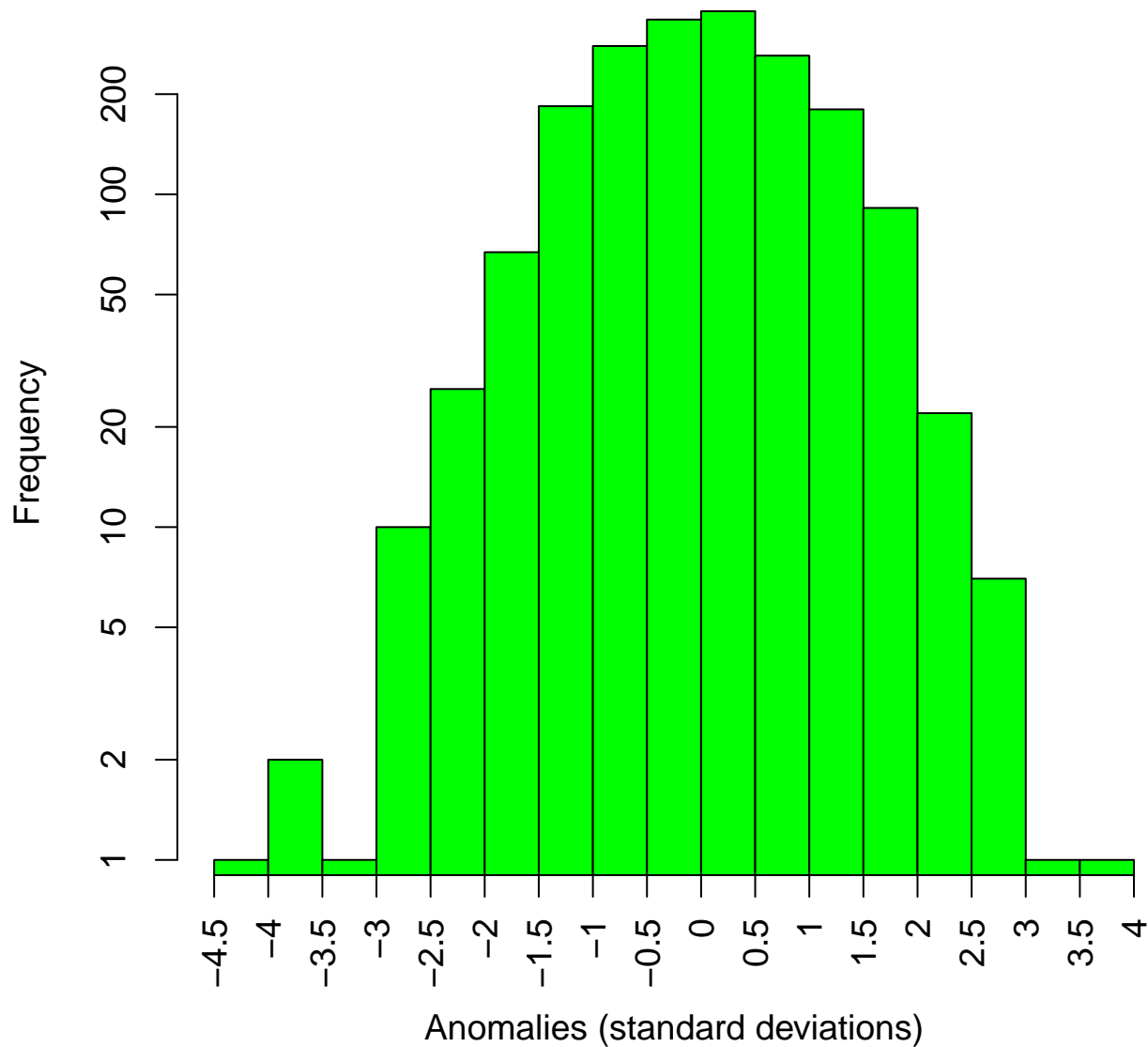
tmed-m 14 (203)
calacoto



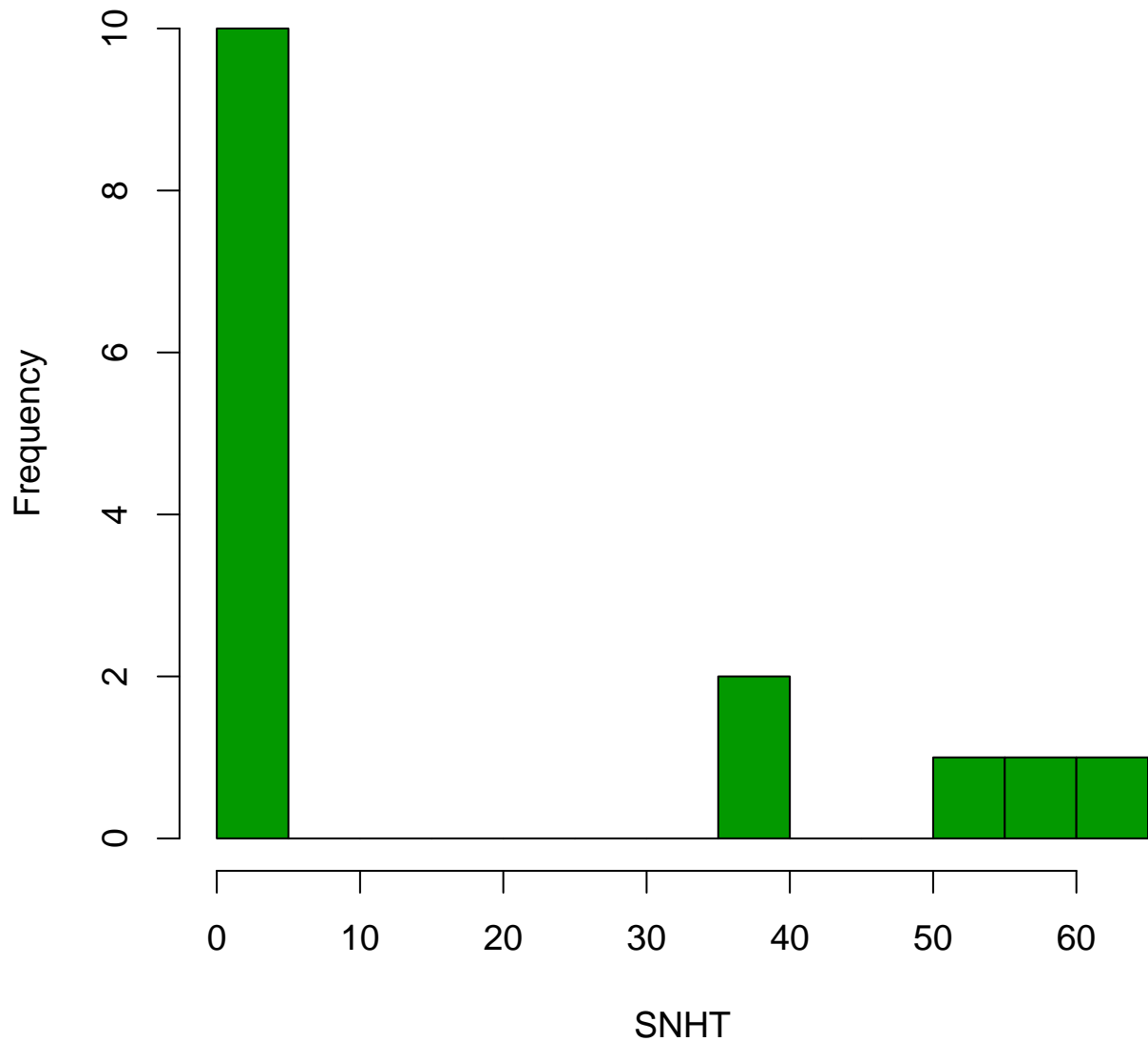
tmed-m 15 (204)
catacora



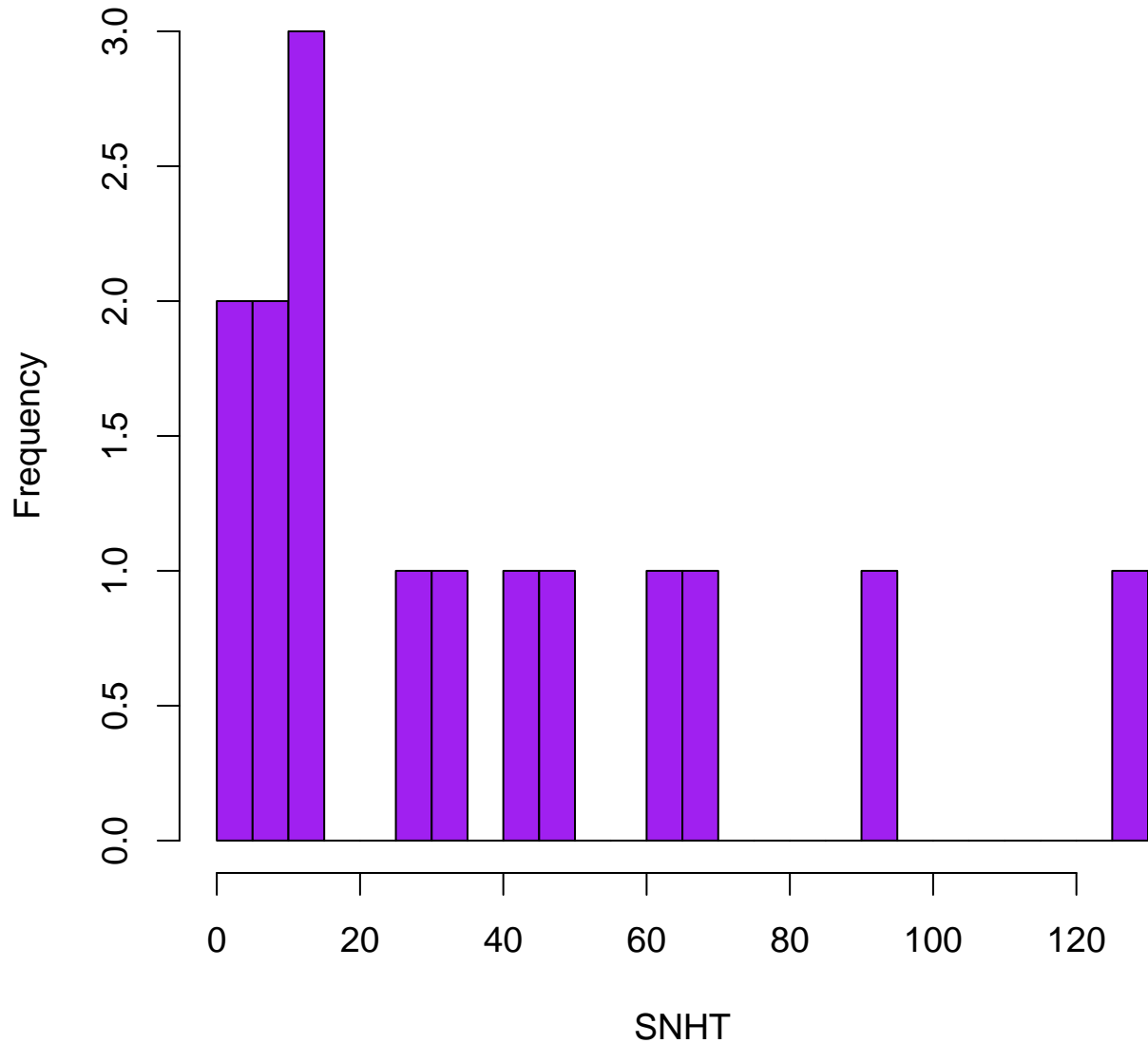
Histogram of normalized anomalies



Histogram of maximum windowed SNHT



Histogram of maximum global SNHT



Station's quality/singularity

