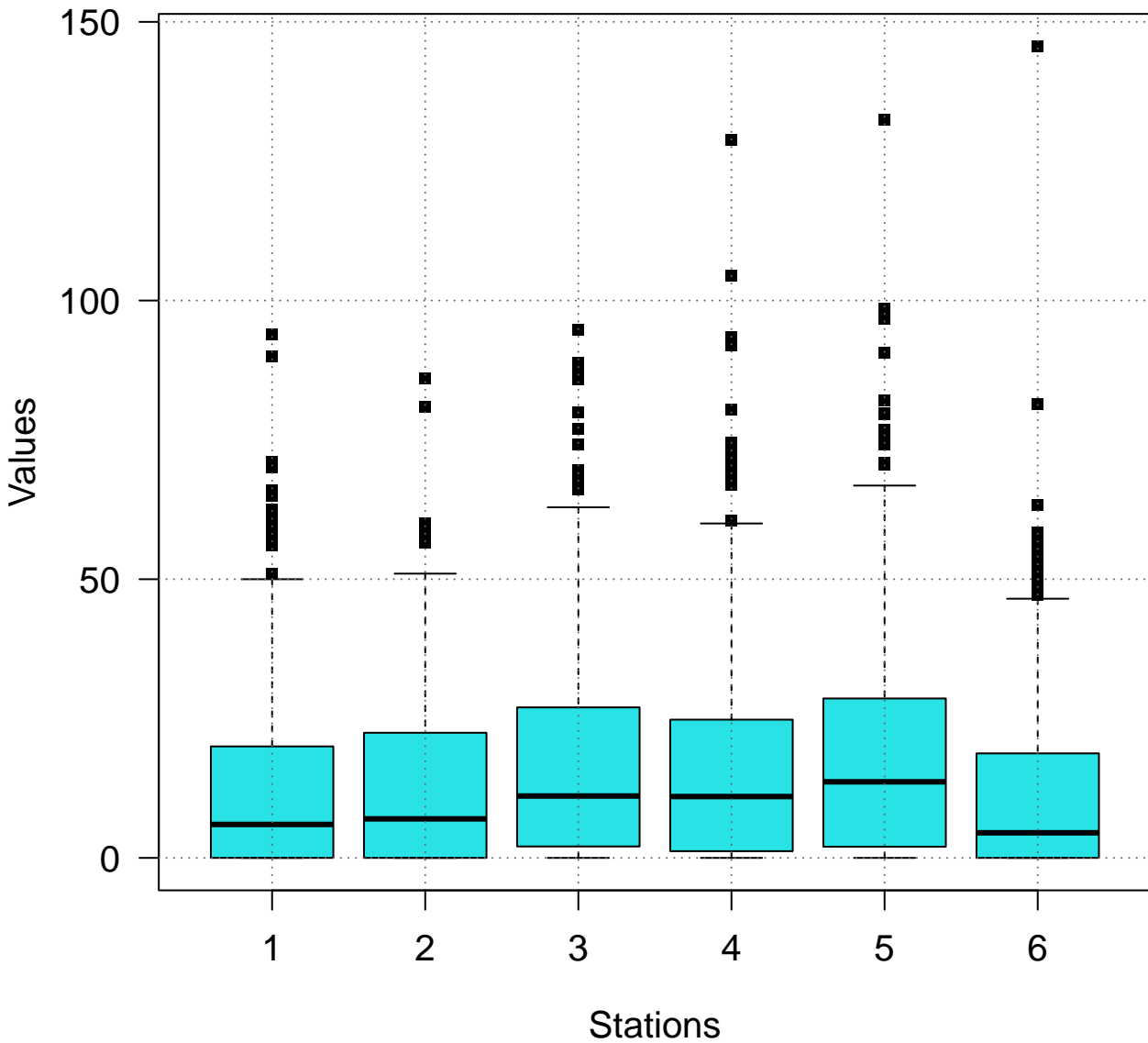


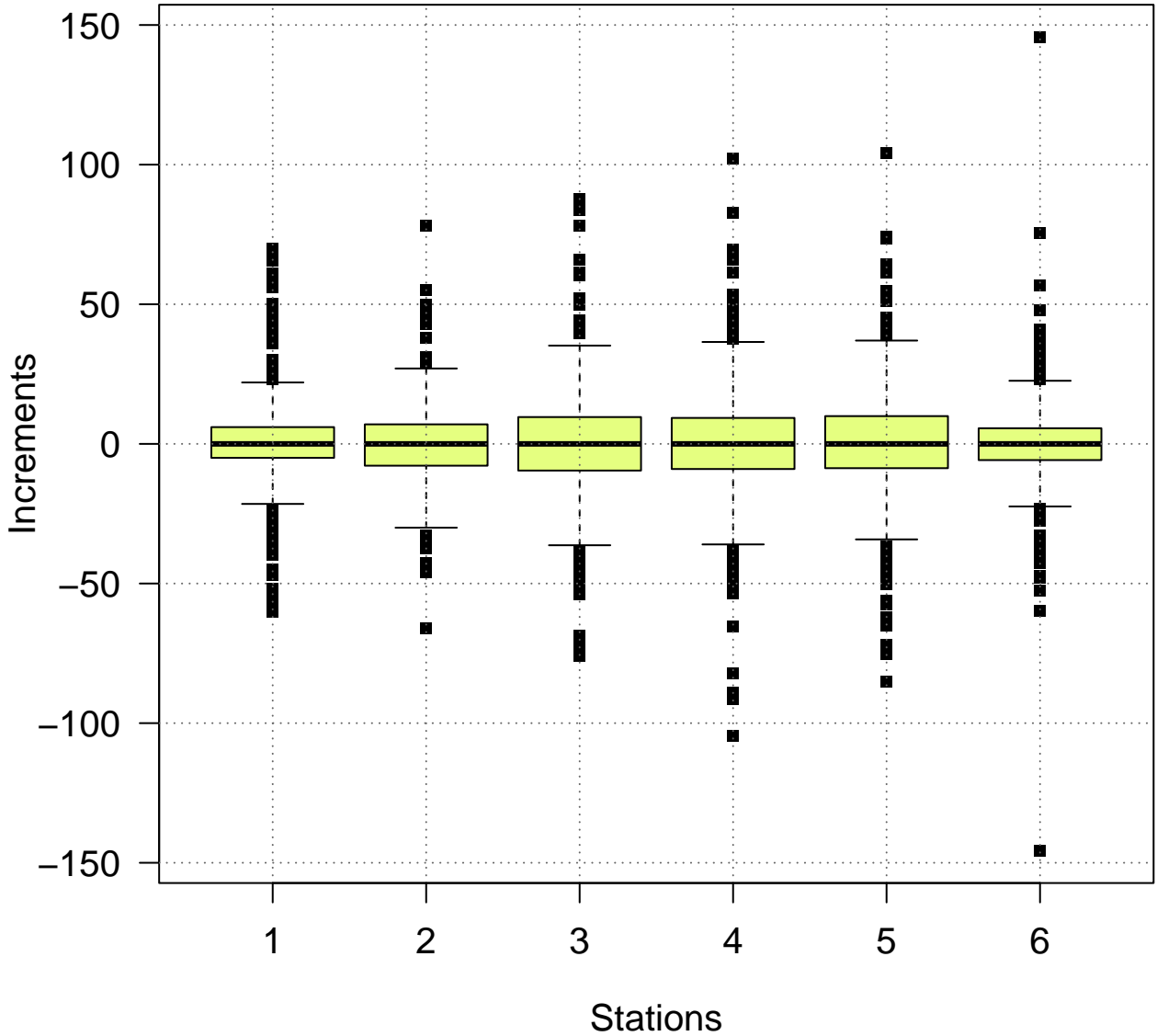
CLIMATOL 4.1.0

Homogenization
graphic output of
precipitation
1983–2019

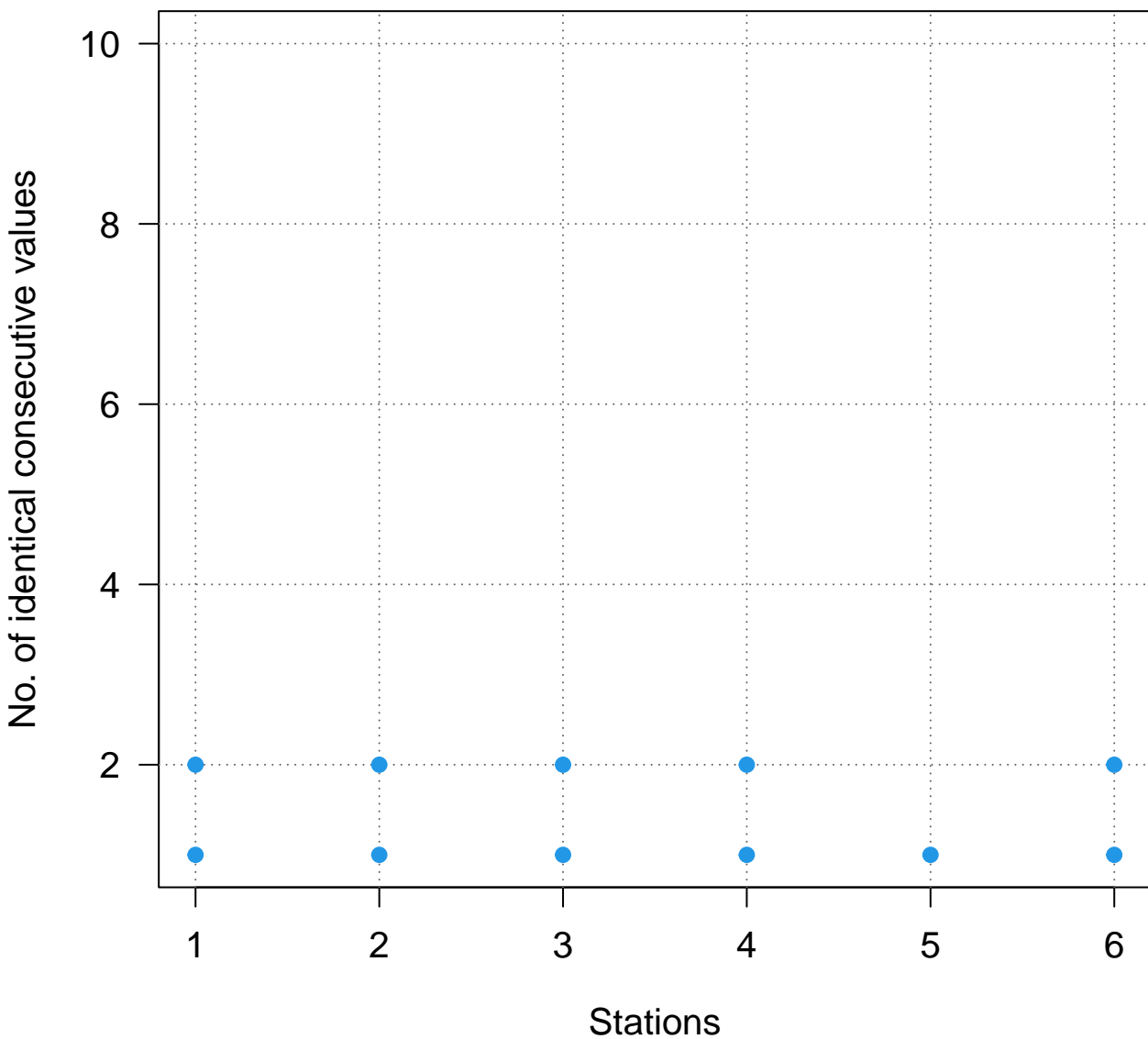
precipitation data



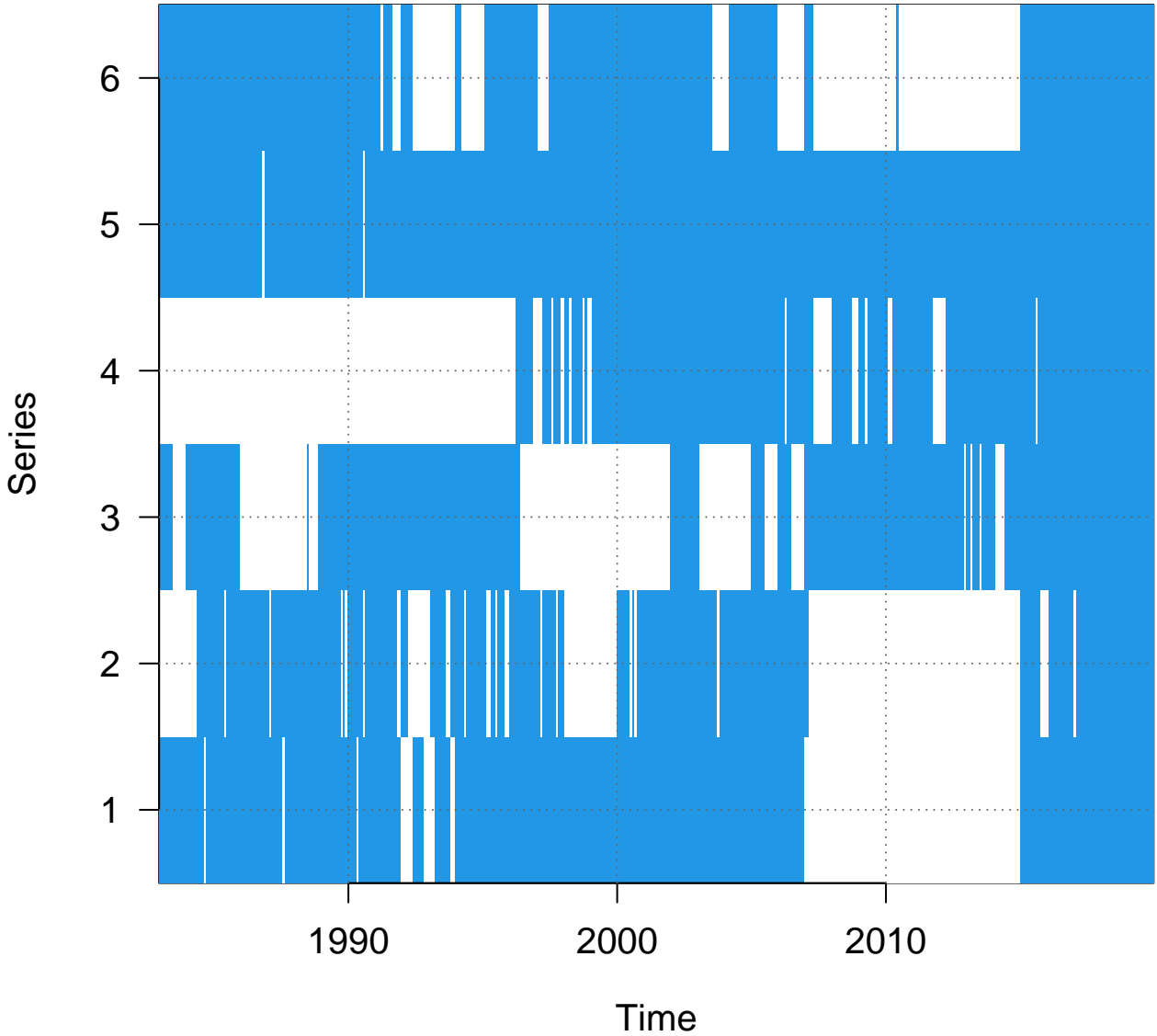
precipitacion data increments



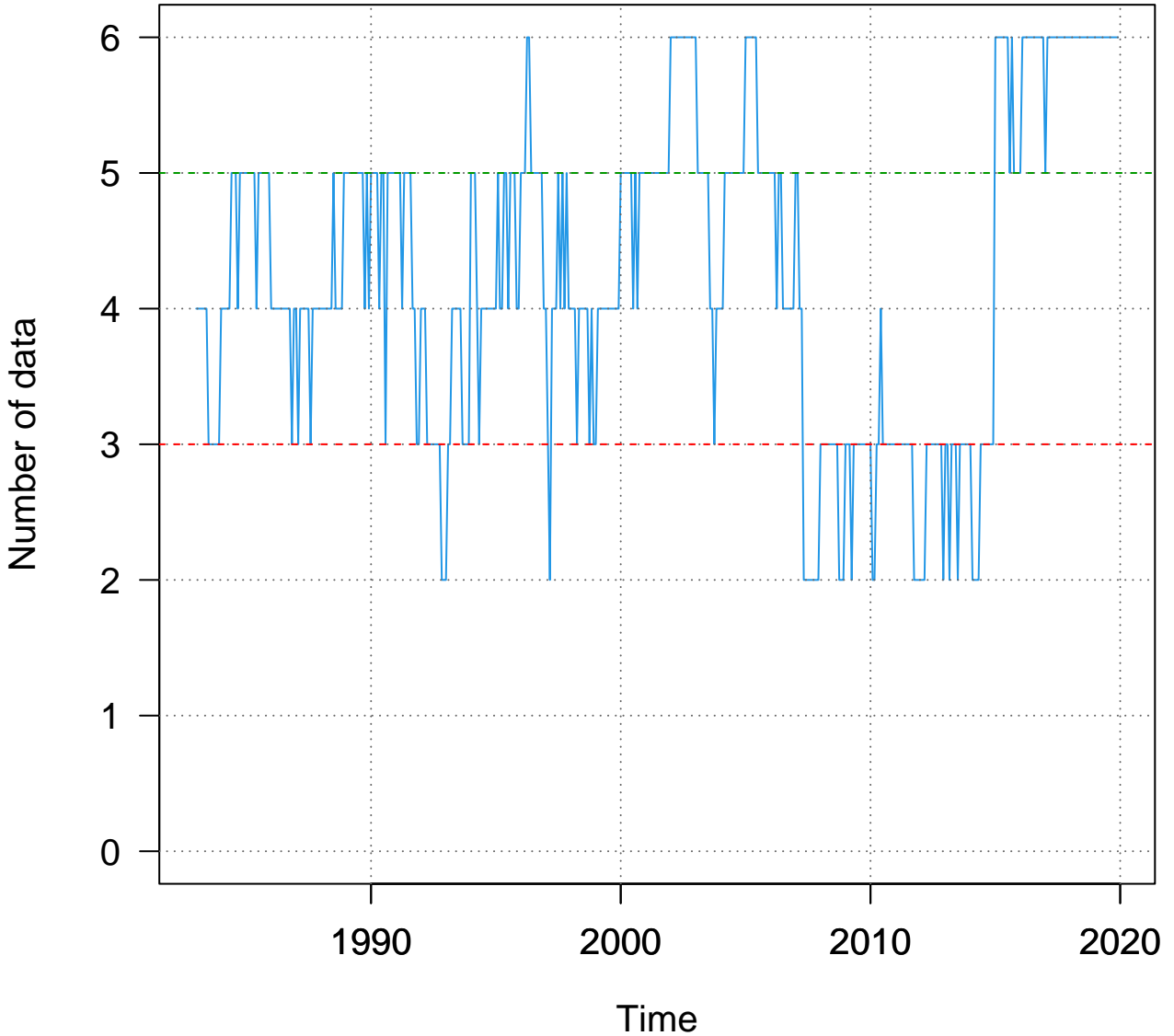
precipitacion run lengths



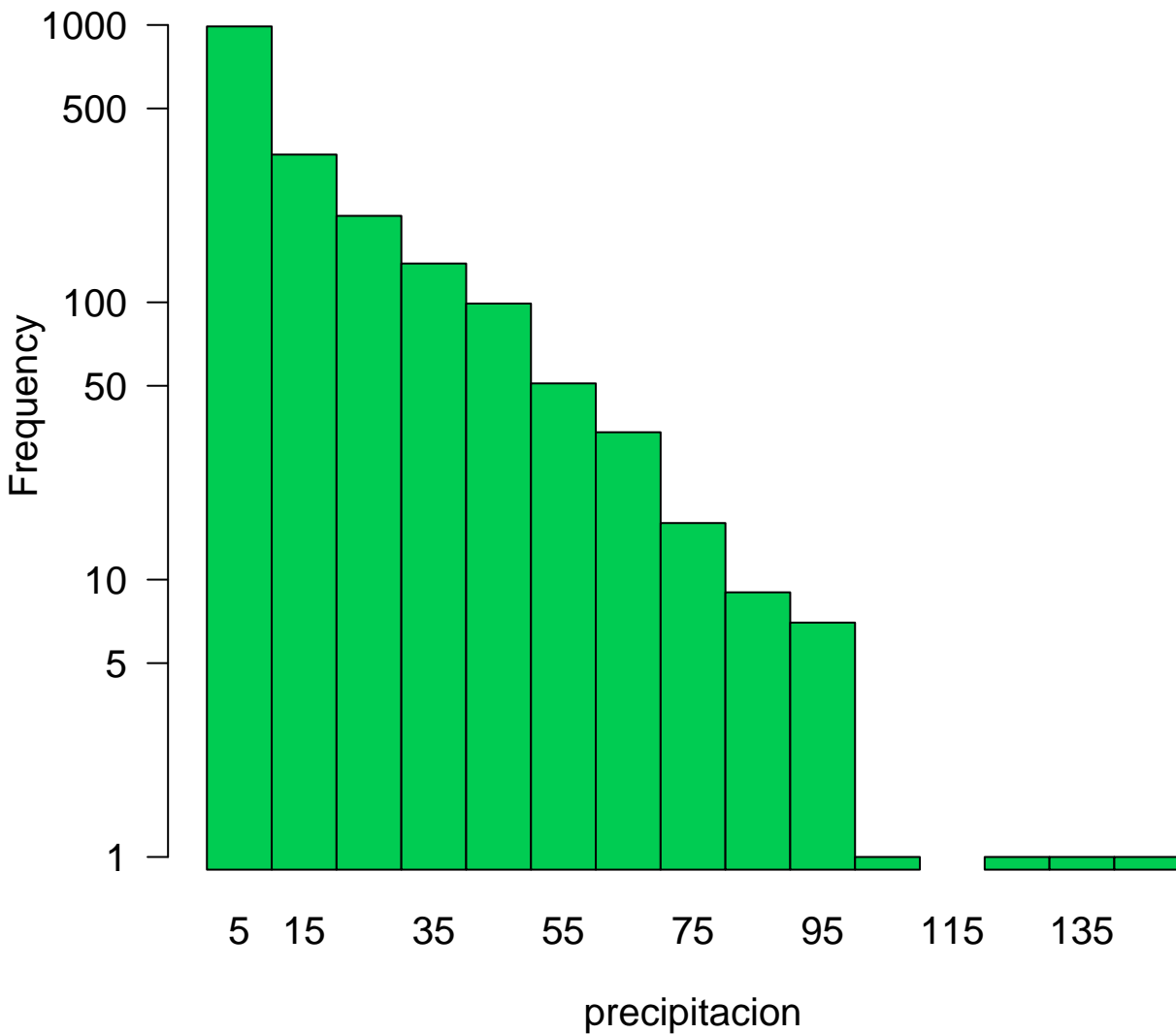
precipitacion data availability



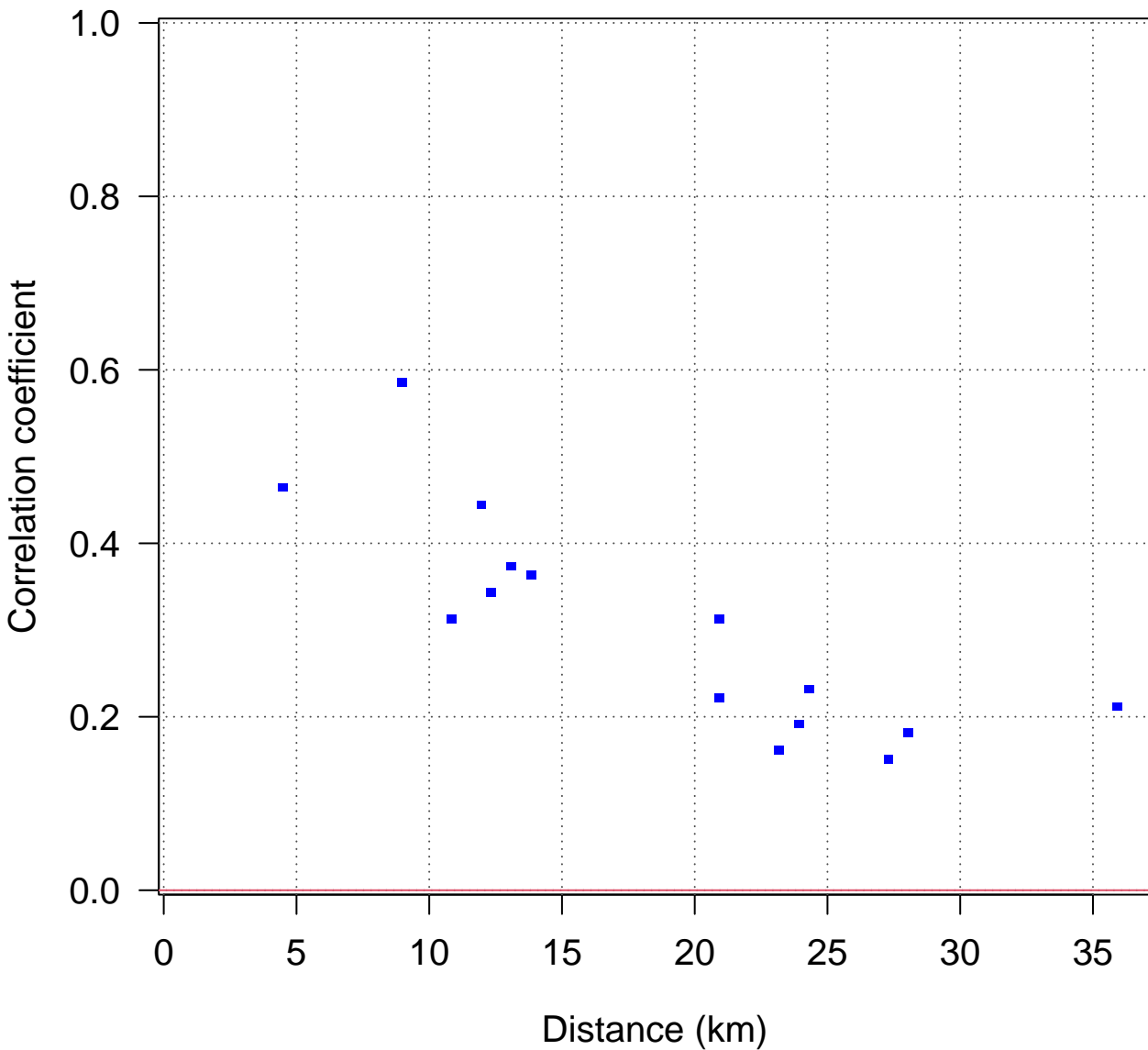
Number of precipitation data in all stations



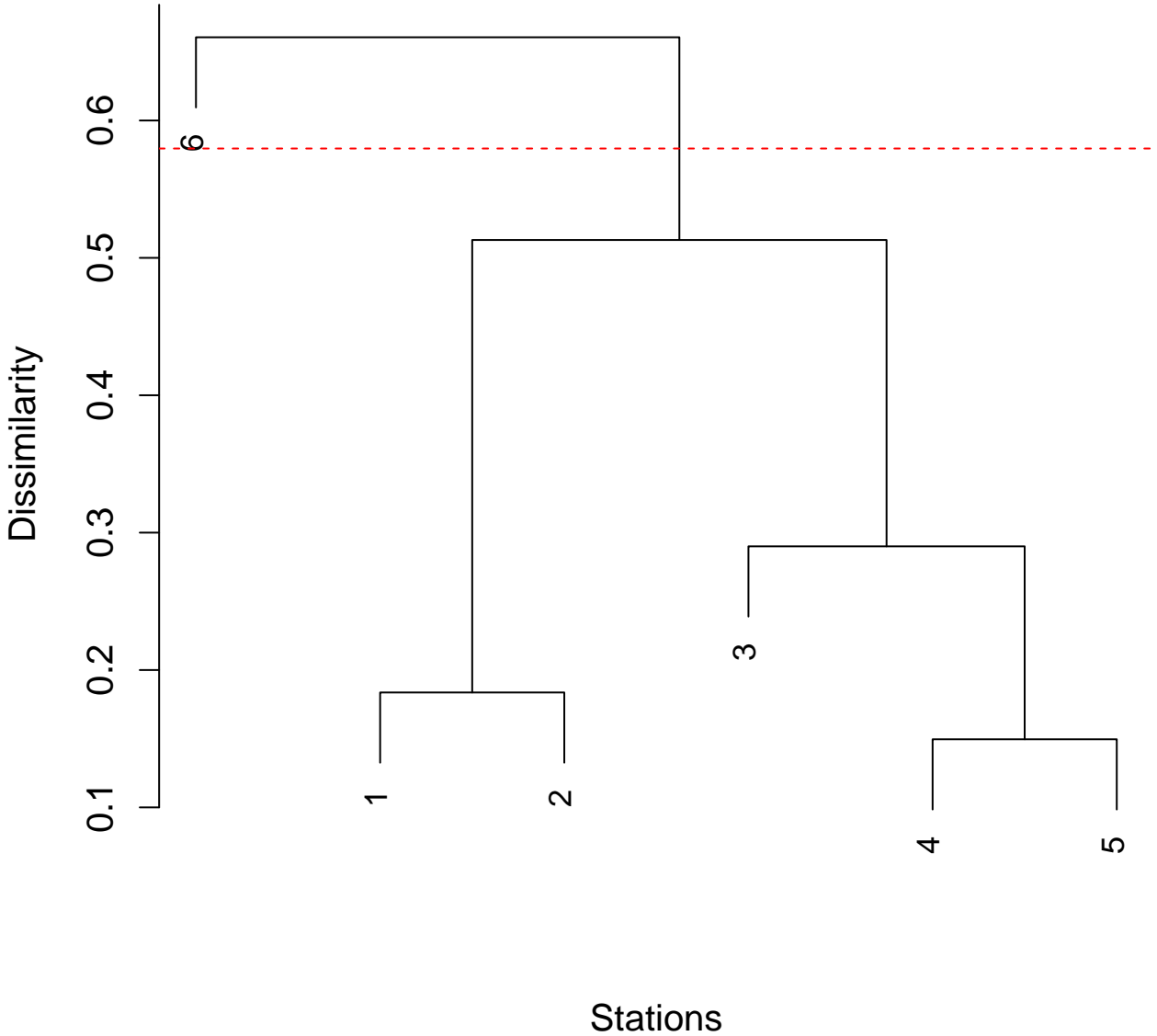
Histogram of all data



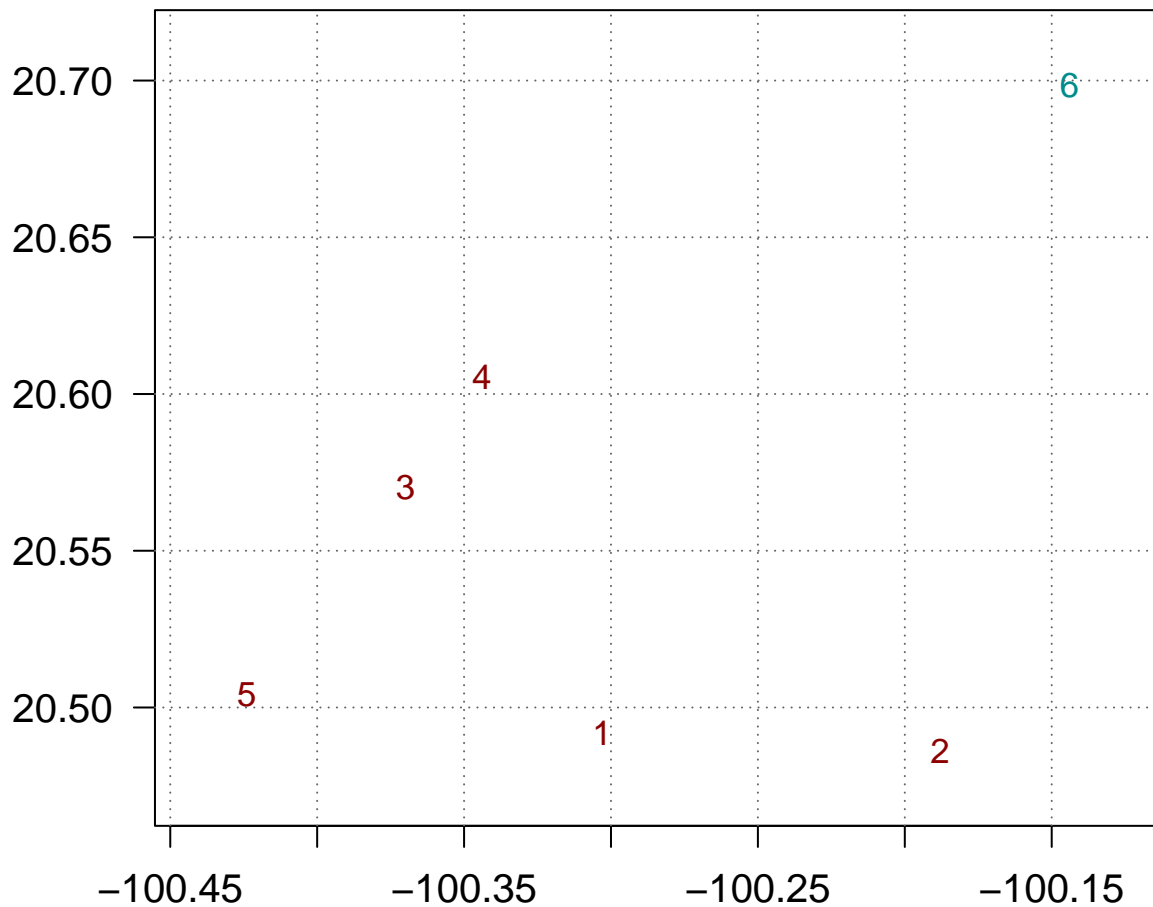
Correlogram of first difference precipitation series



Dendrogram of station clusters



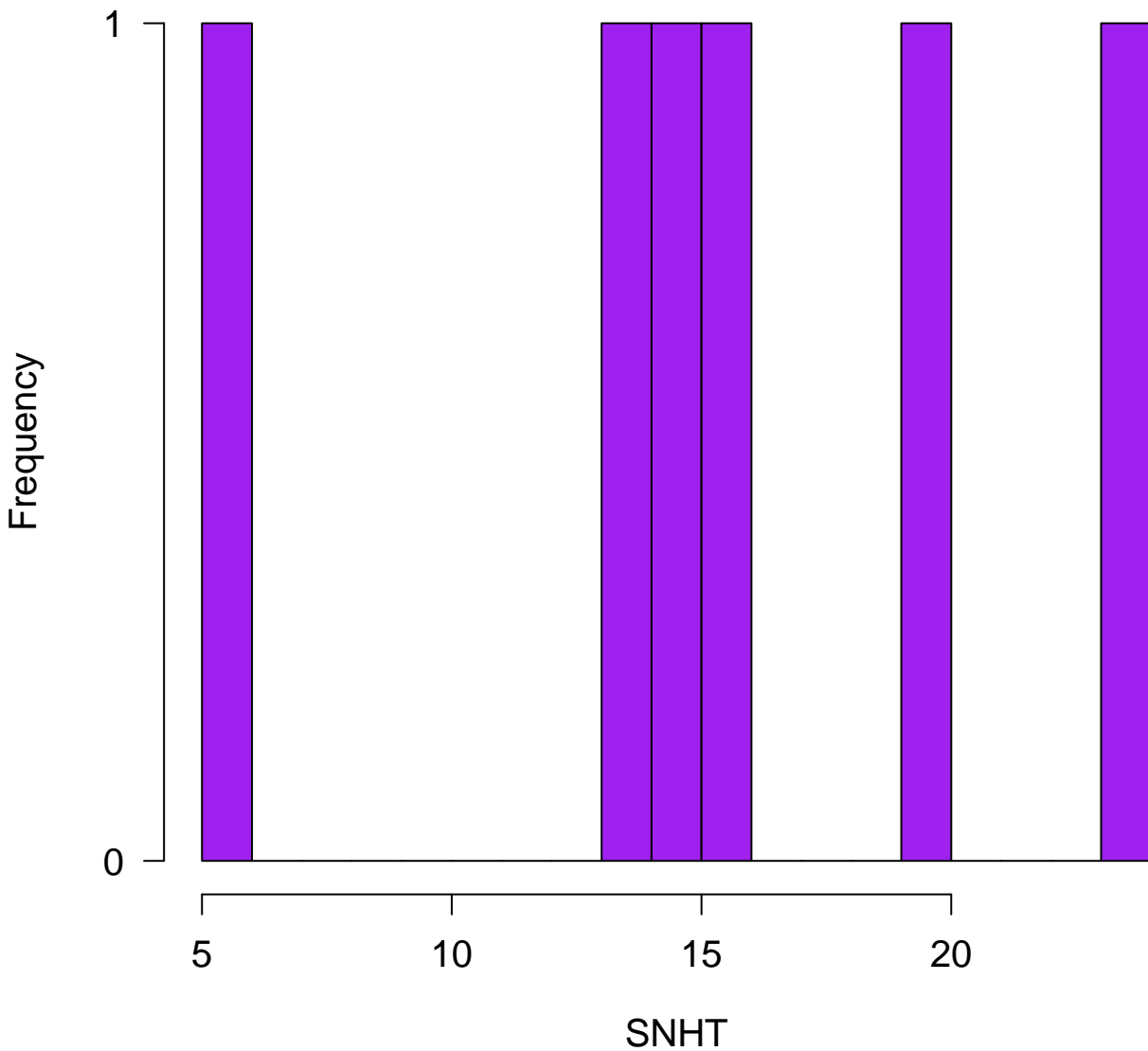
precipitacion station locations (2 clusters)



Stage 1

Binary splits on 60 terms
stepped windows with
std=2, SNHT>25
and wd=0 km

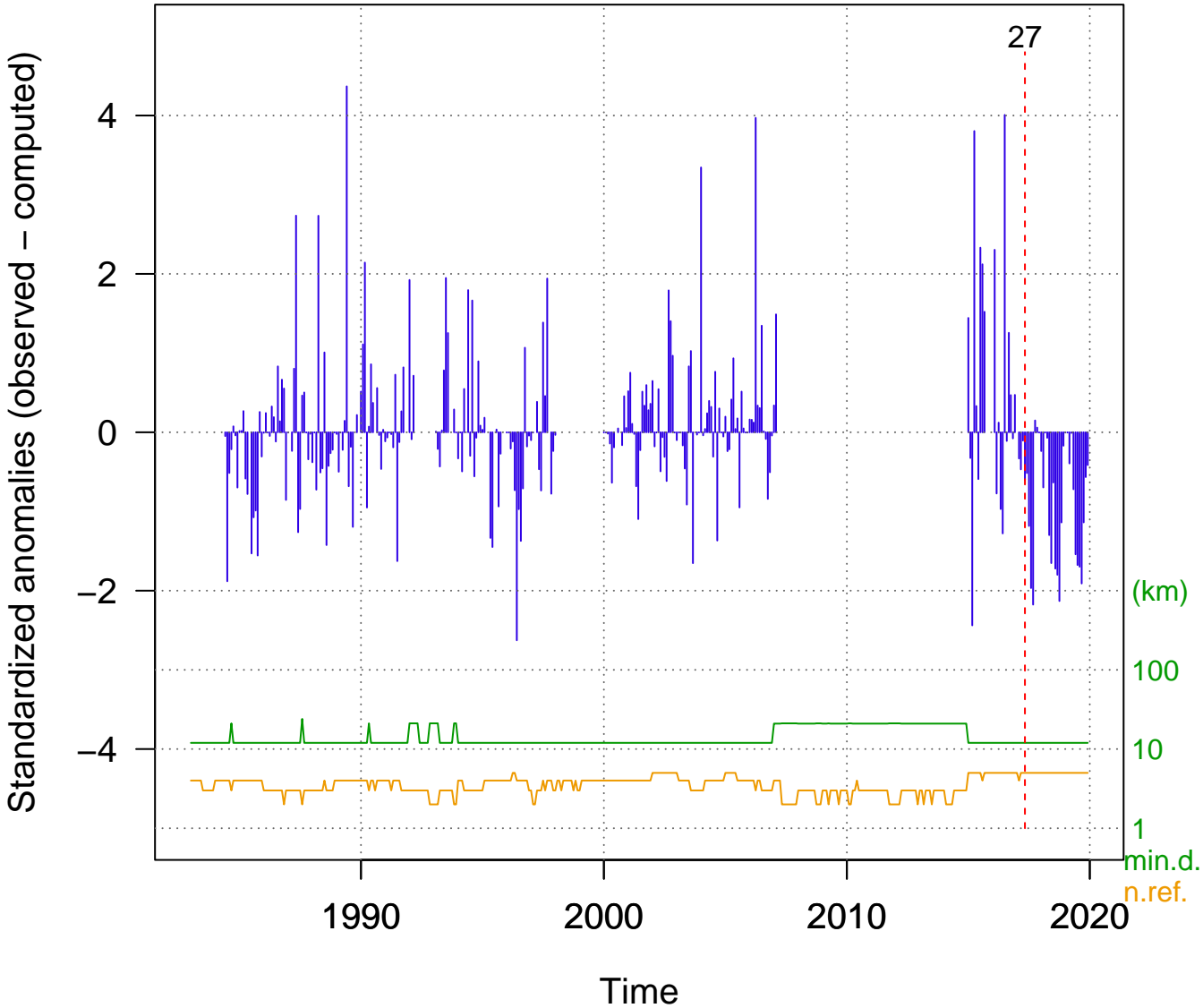
Histogram of maximum SNHT (Stage 1)



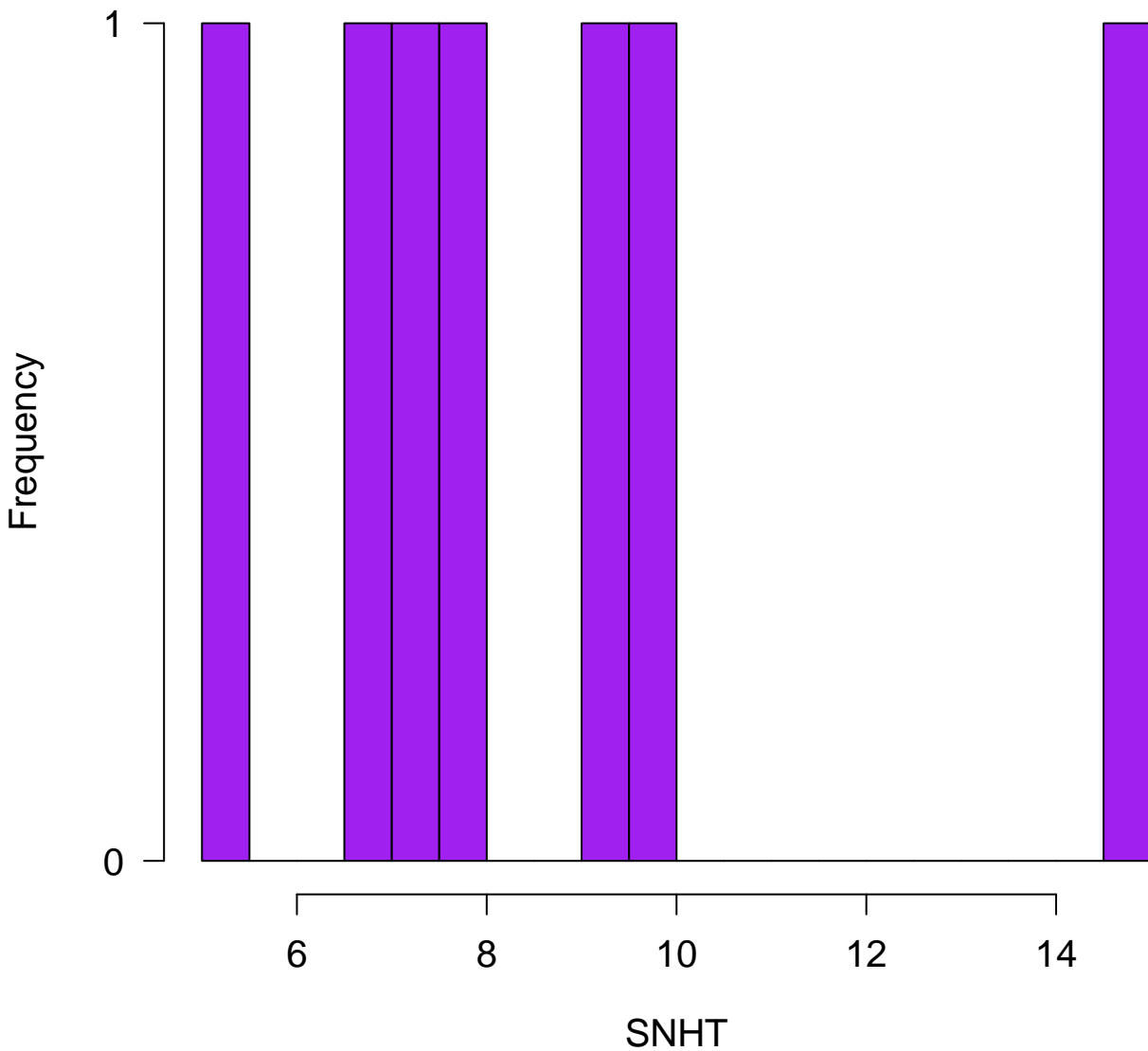
Stage 2

Binary splits on
whole series with
 $\text{std}=2$, $\text{SNHT}>25$
and $\text{wd}=0$ km

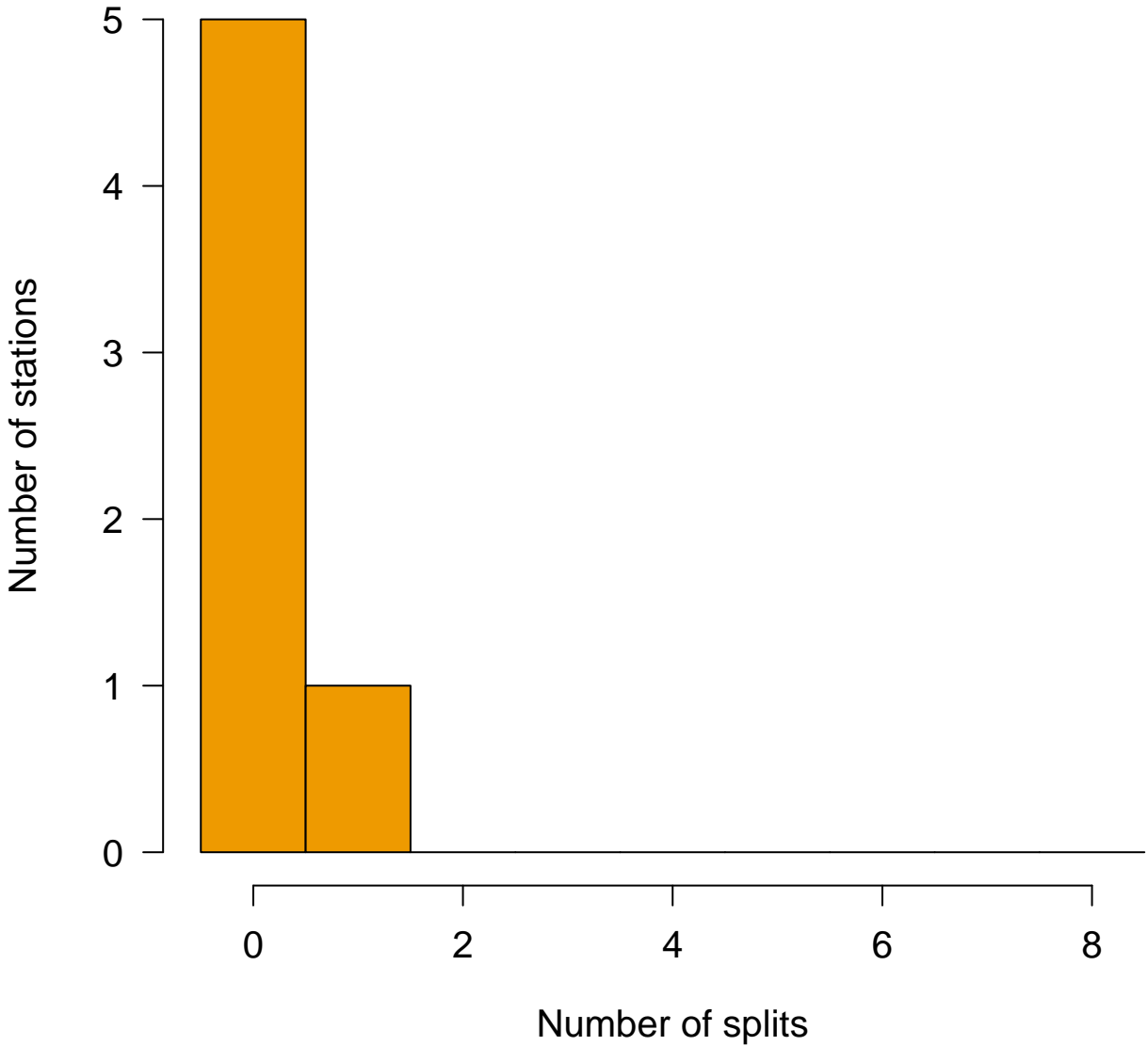
precipitacion 2 (22067) La Venta



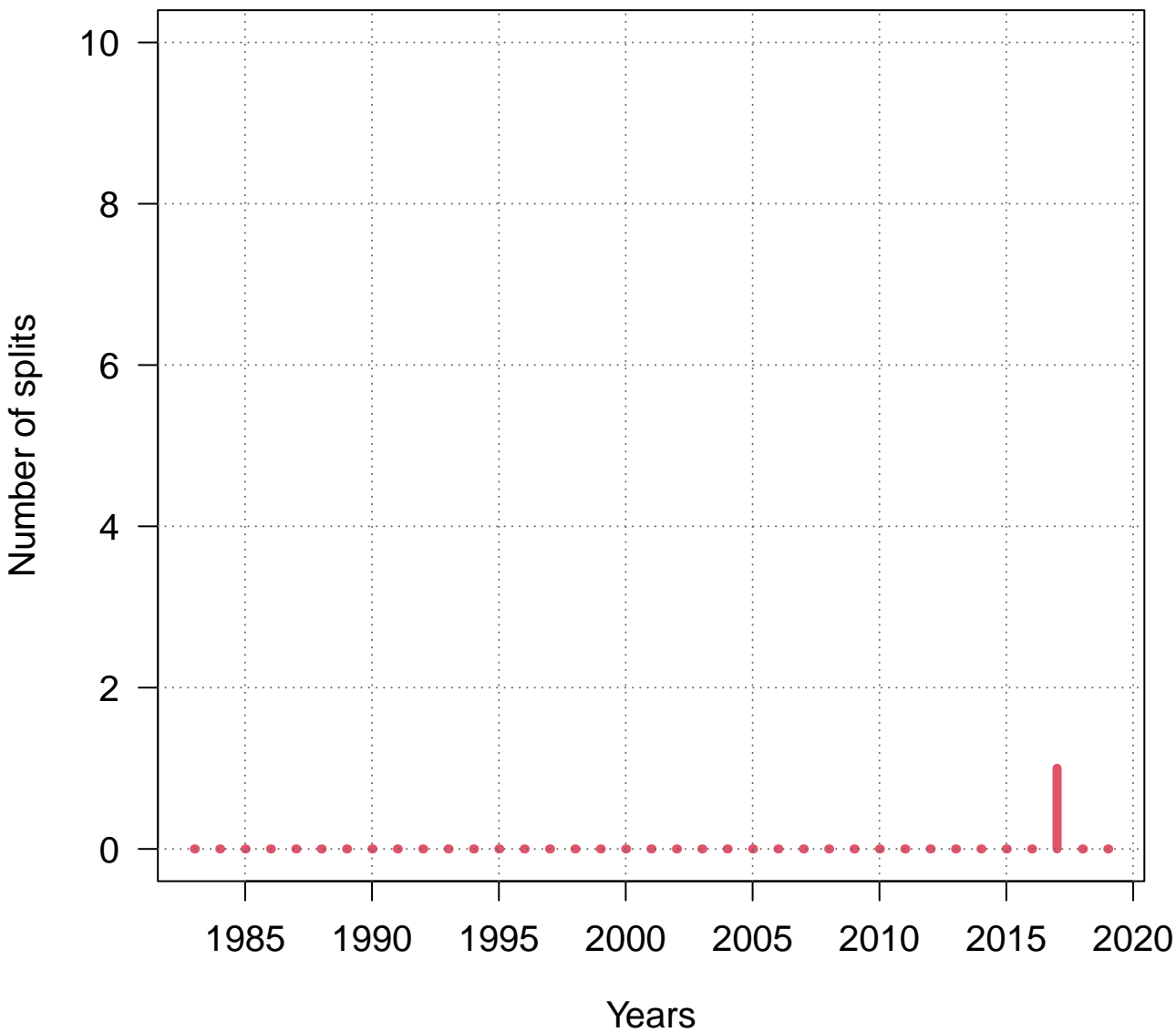
Histogram of maximum SNHT (Stage 2)



Number of splits per station



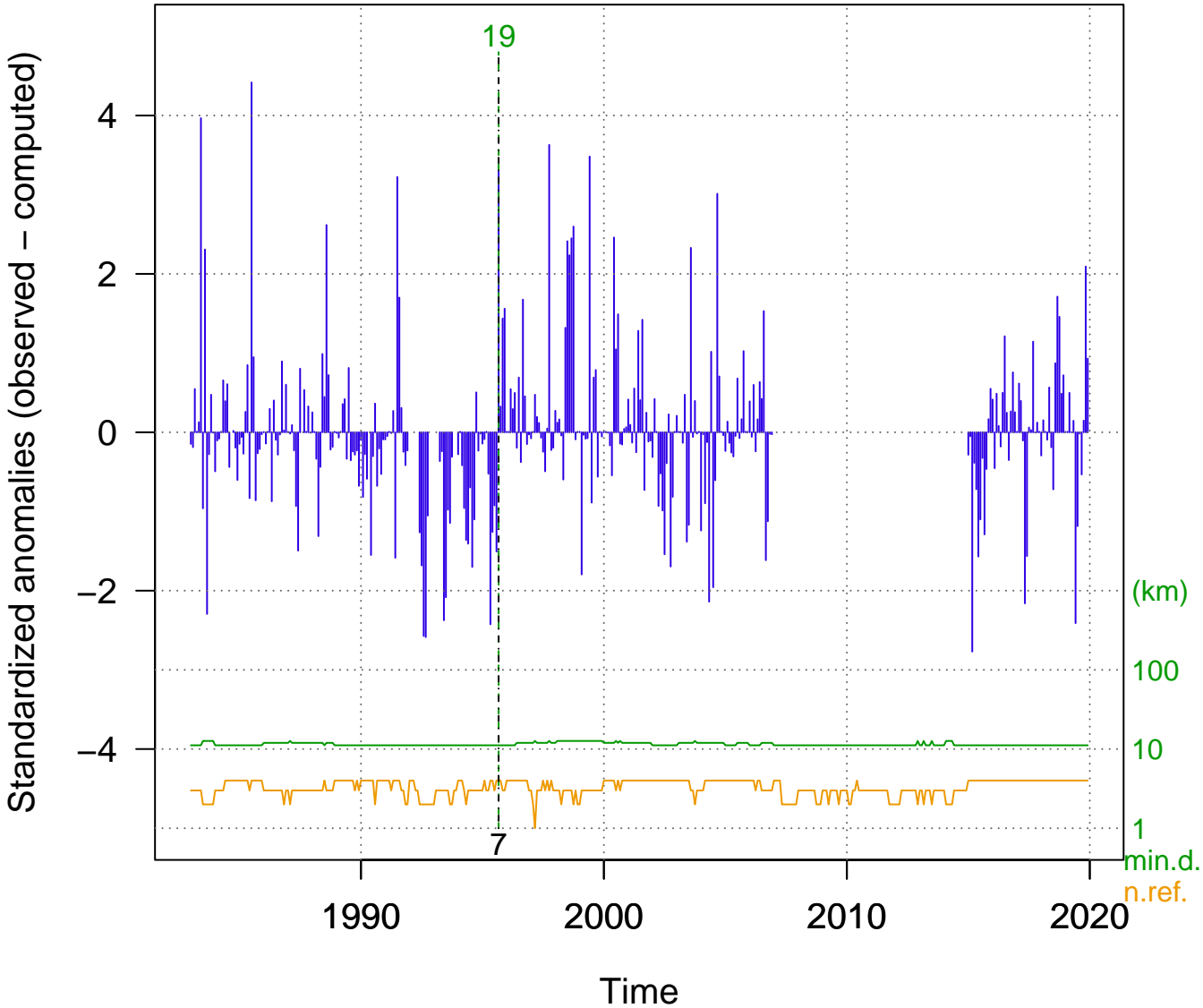
Number of splits per year



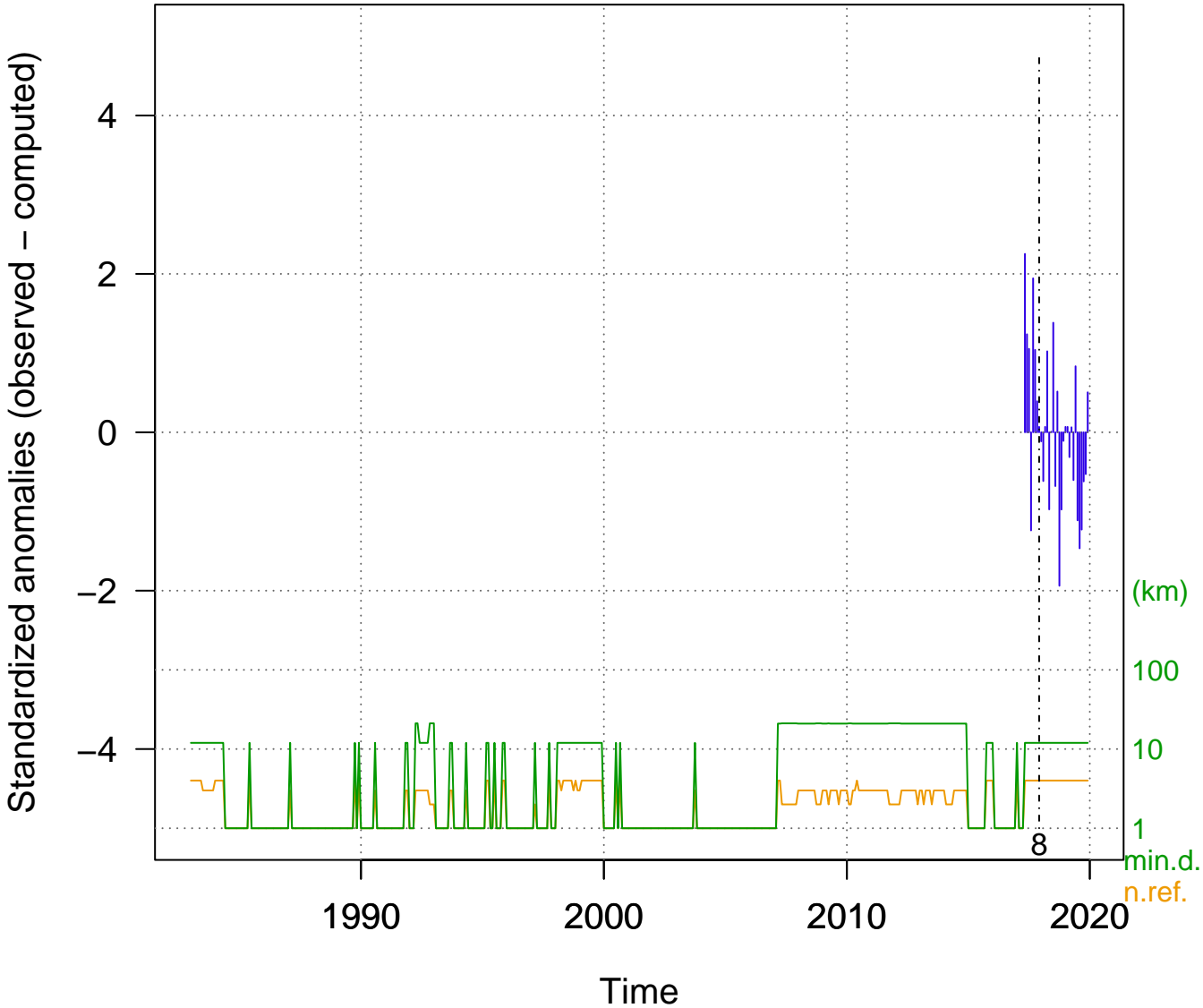
Stage 3

Final anomalies of the
homogenized series with
 $wd = 100$ km and $nref = 4$

precipitation 1 (22058) Santa Teresa

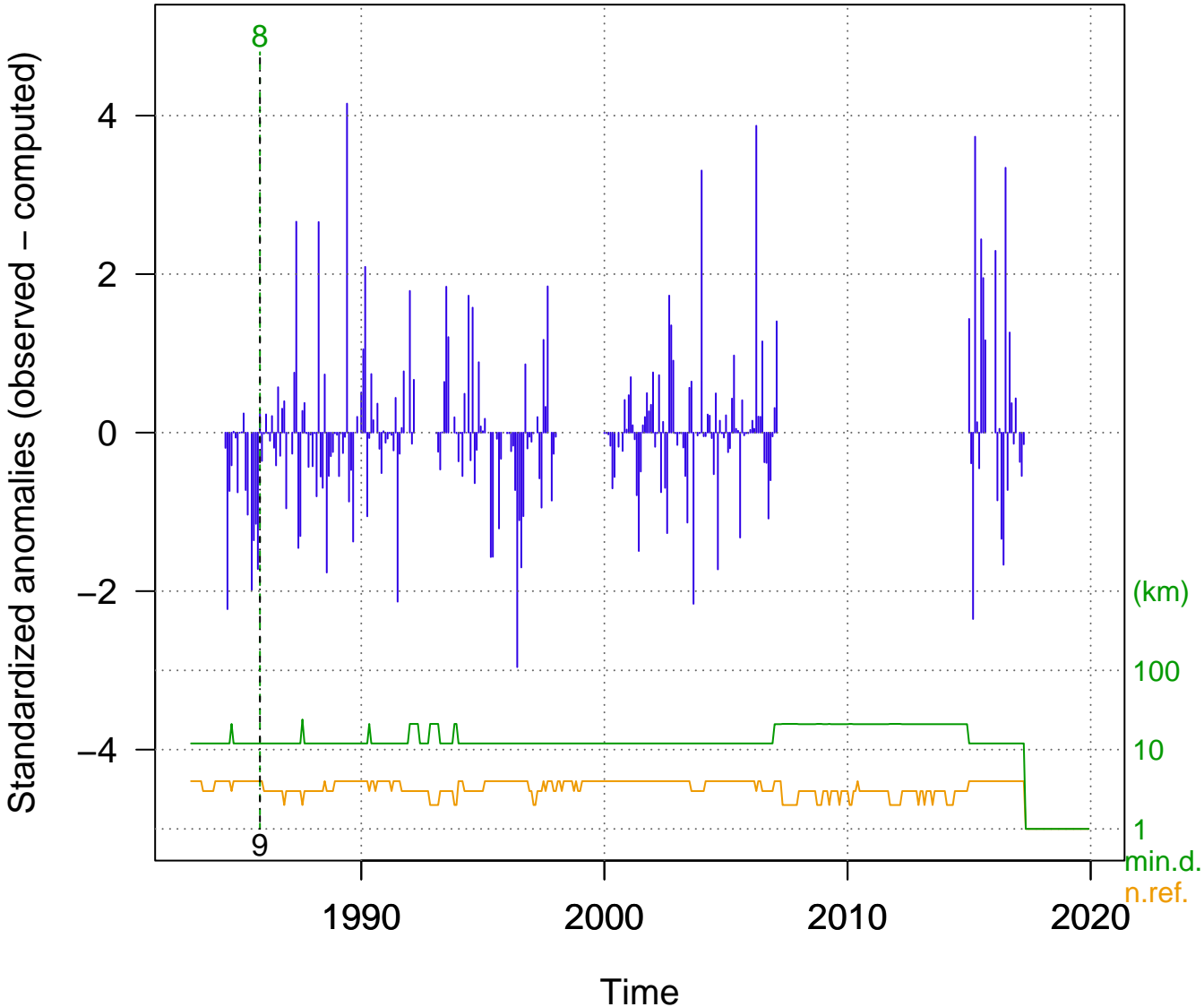


precipitacion 2 (22067) La Venta

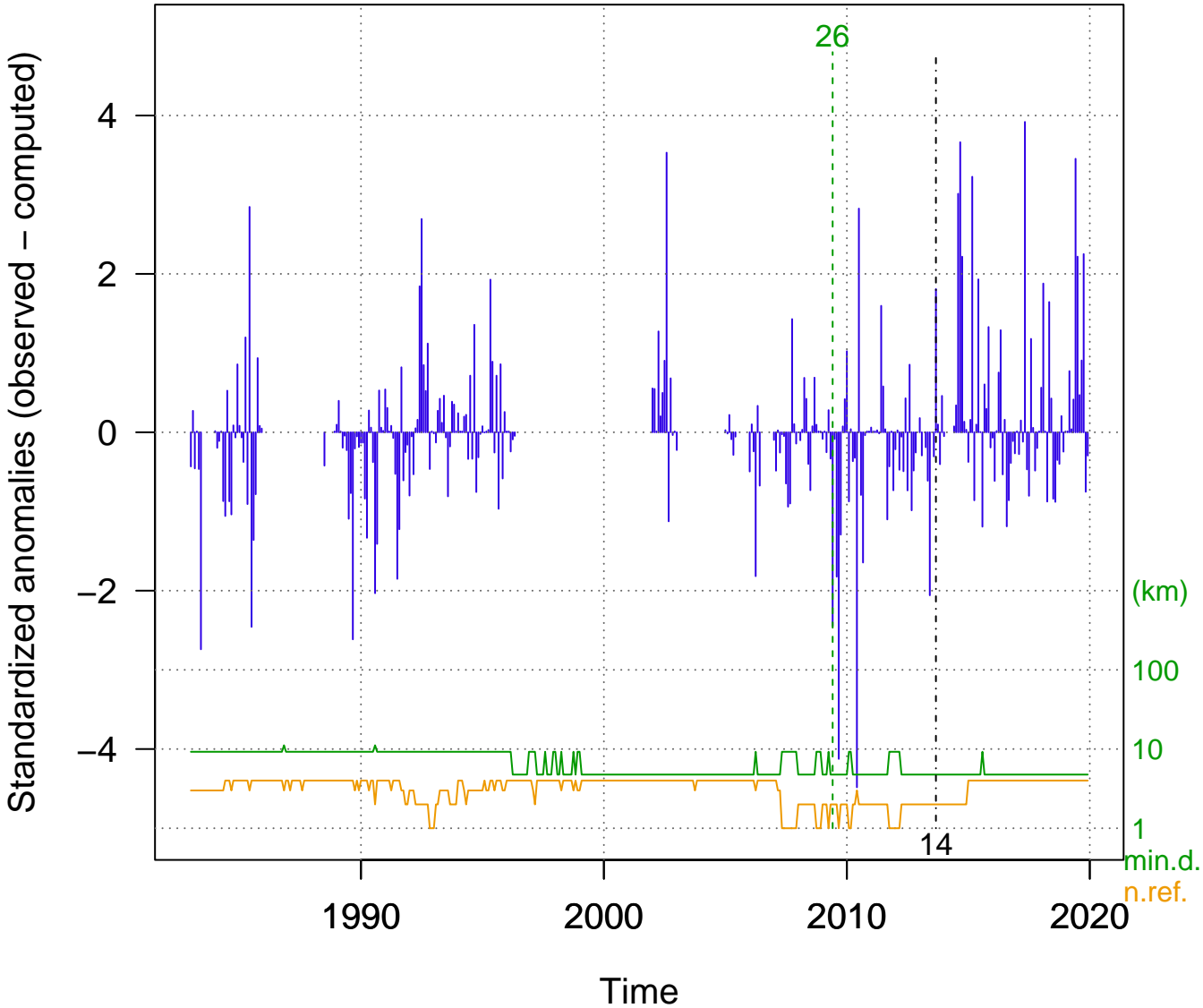


precipitacion 7 (22067-2)

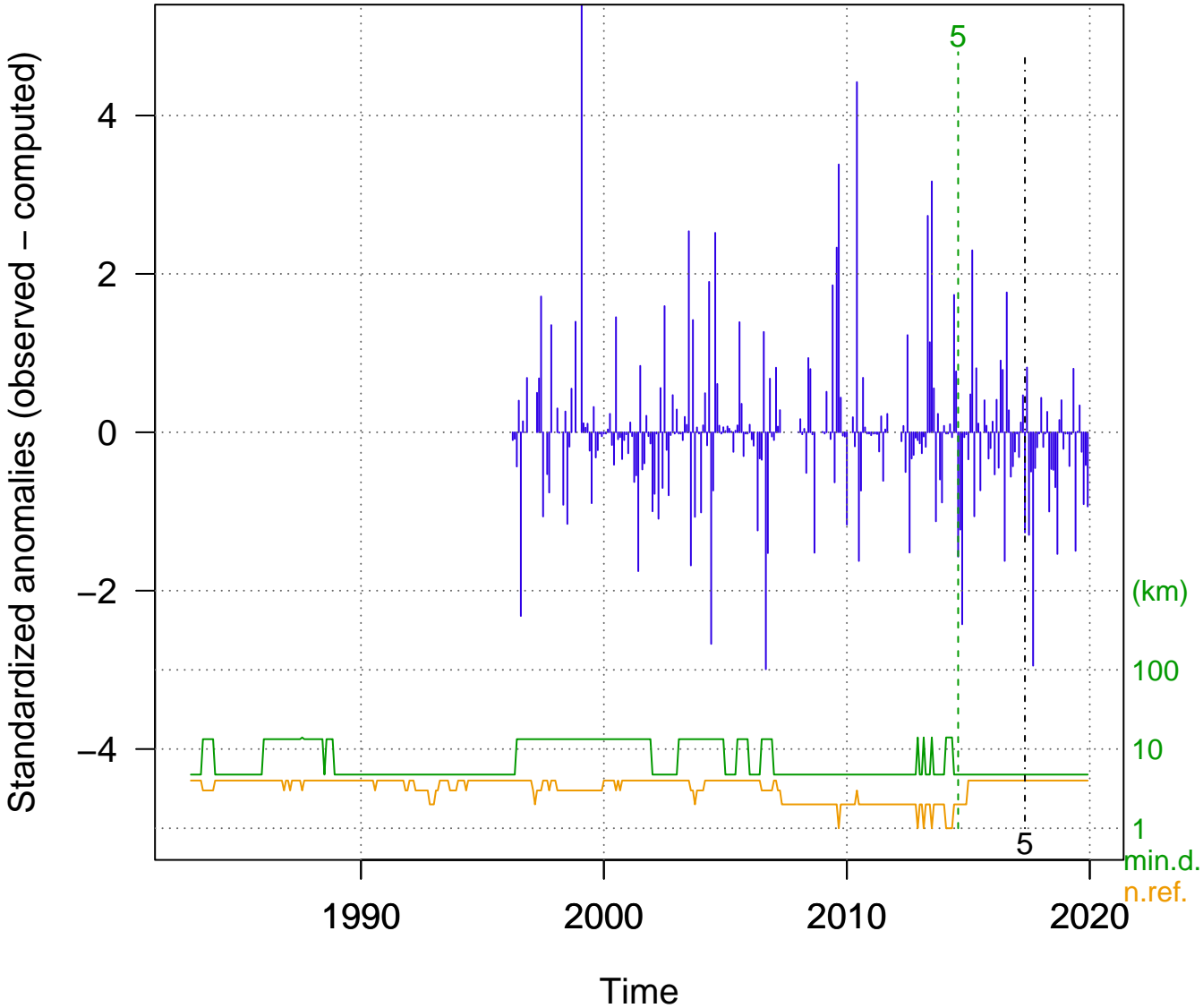
La Venta-2



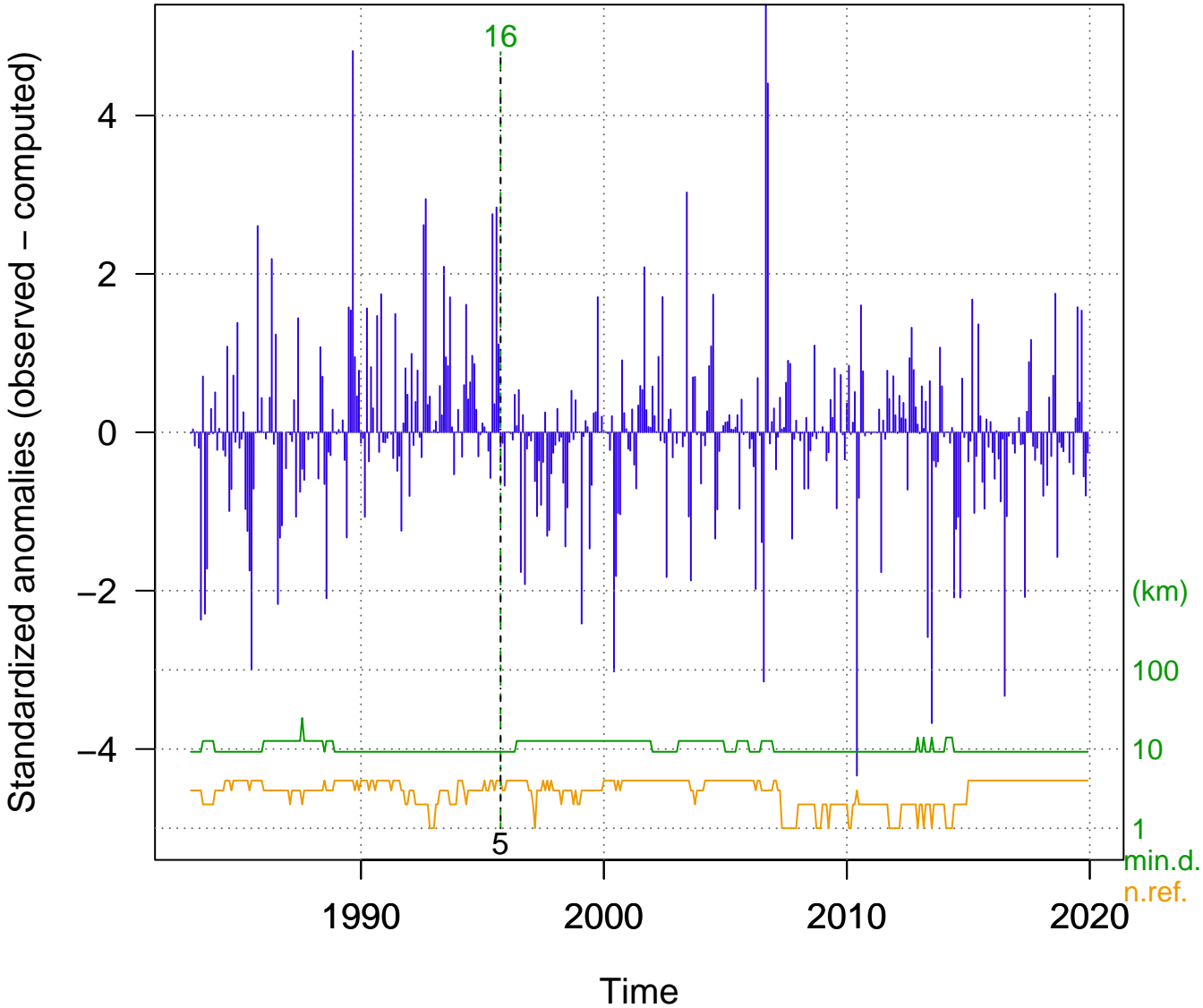
precipitacion 3 (22063) Queretaro (DGE)



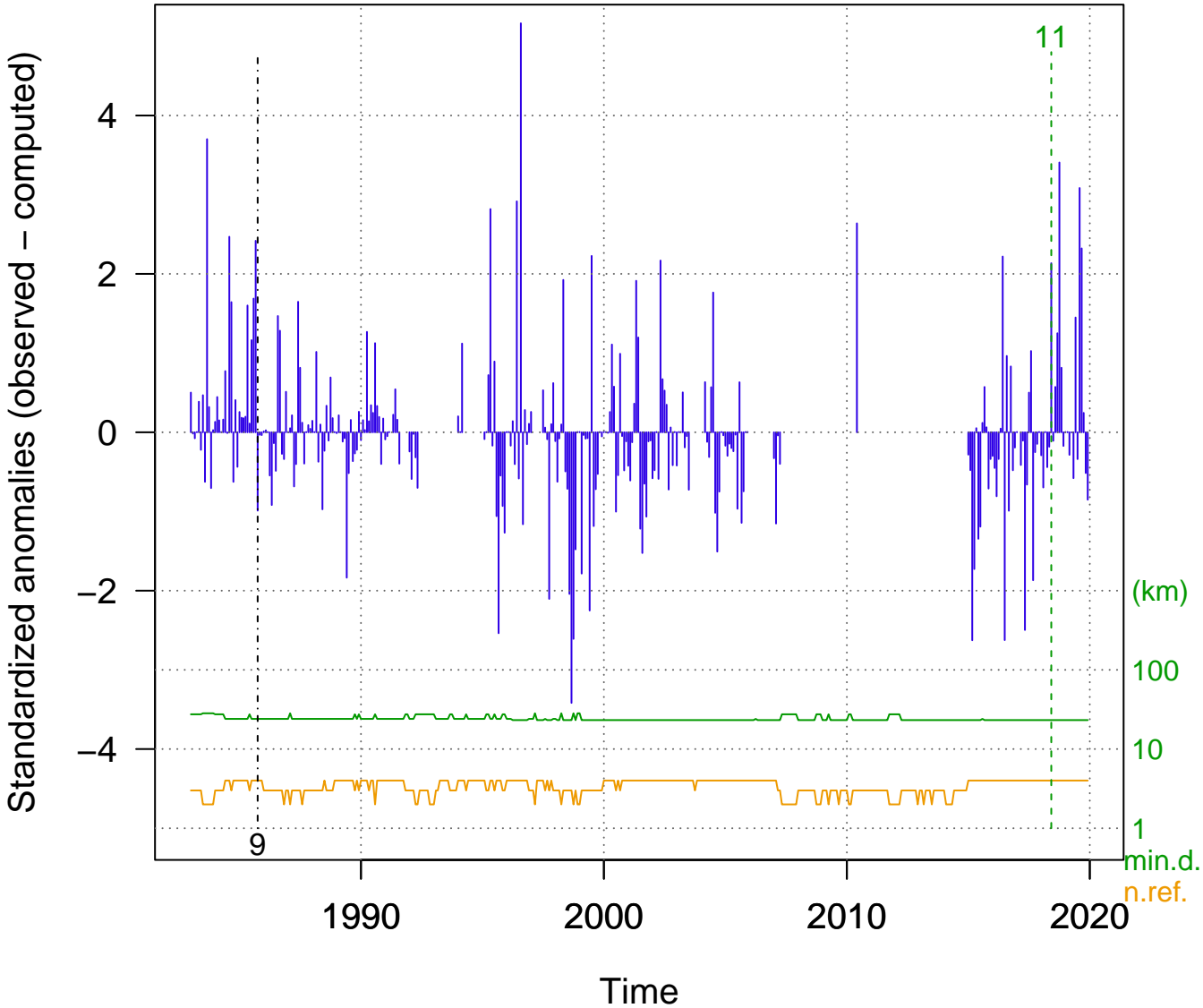
precipitacion 4 (22070) Plantel 7



precipitation 5 (22004) El Batan



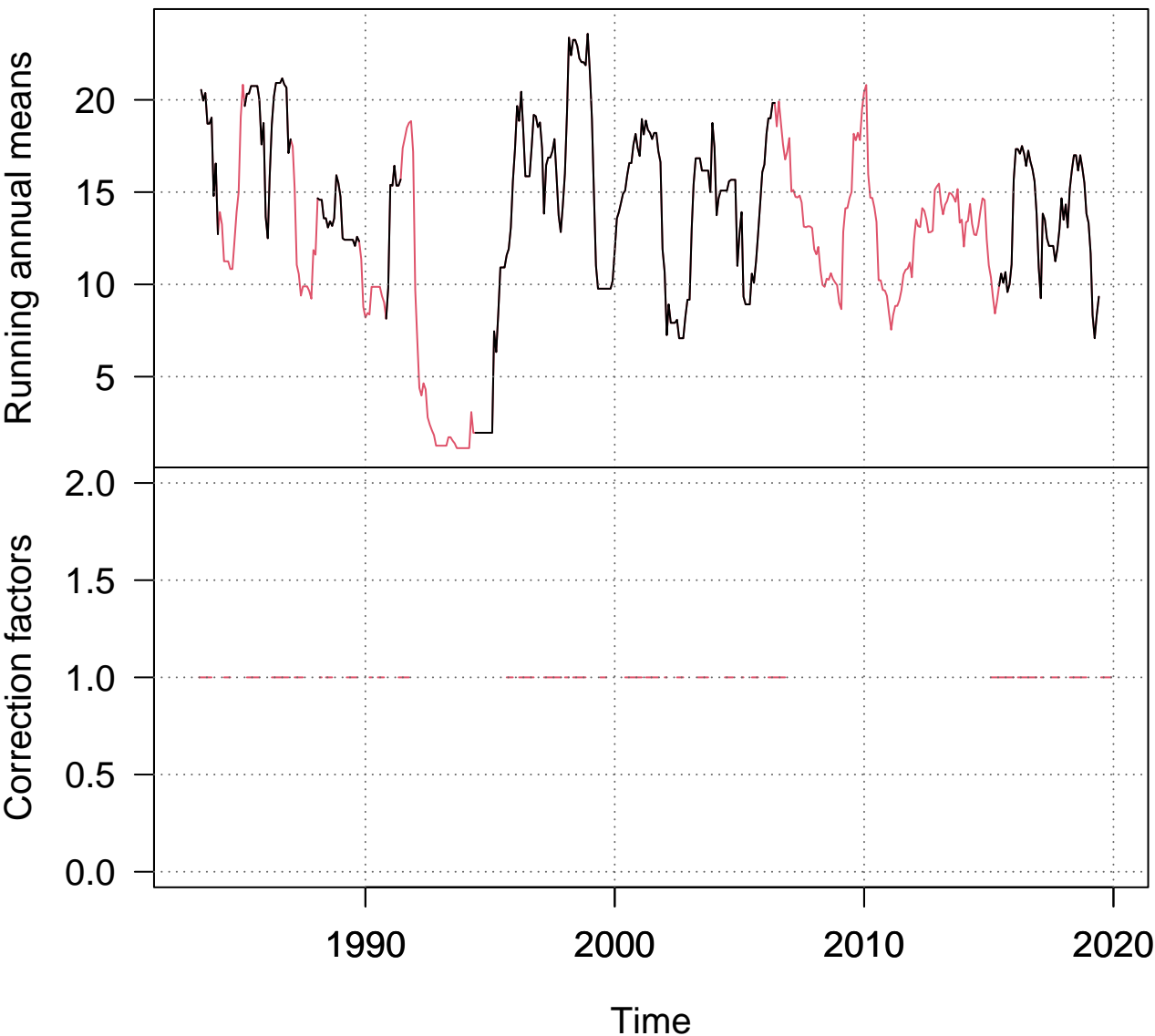
precipitacion 6 (22046) Nogales



Final graphics

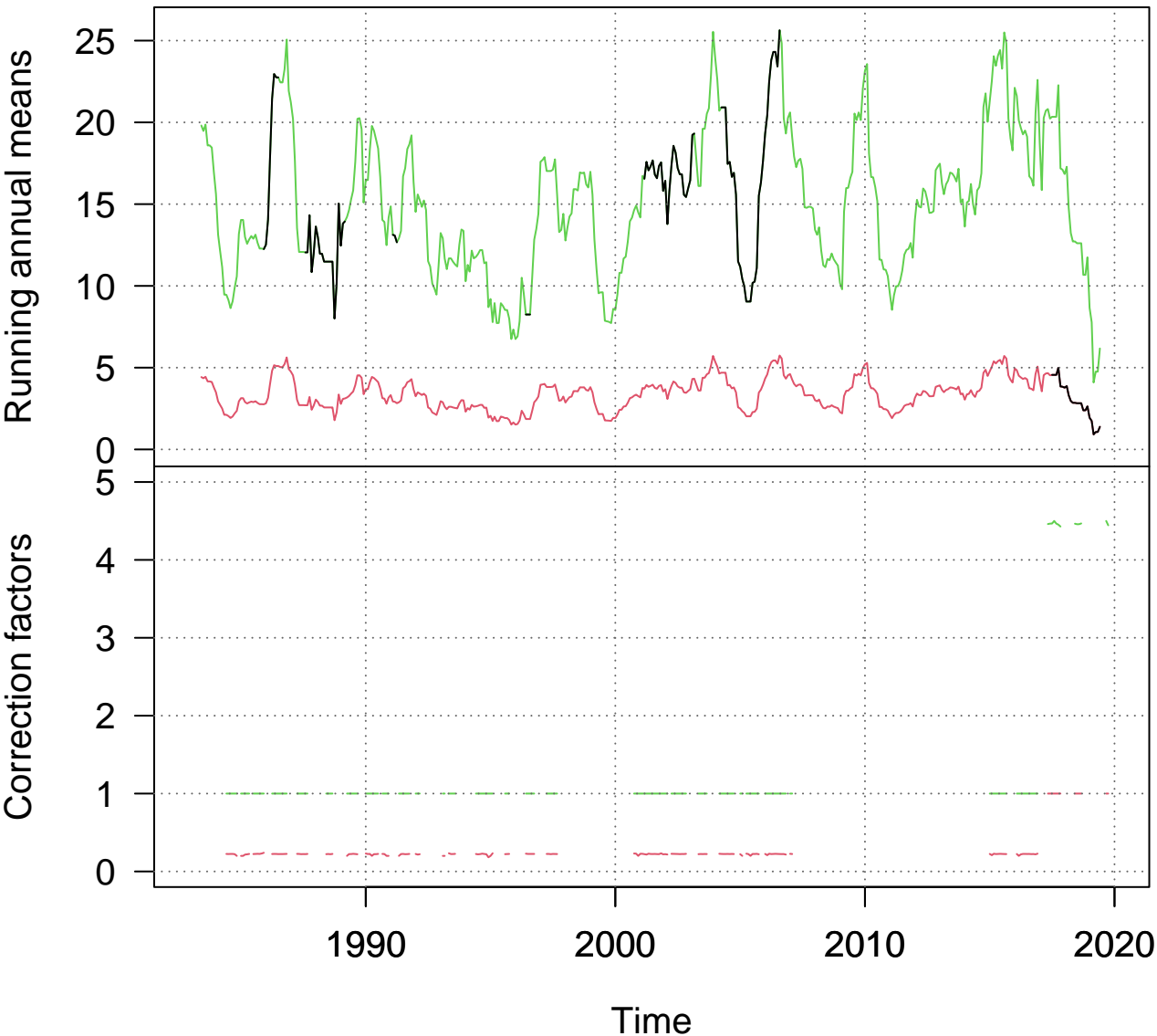
Adjusted series and
applied corrections

precipitacion 1 (22058) Santa Teresa

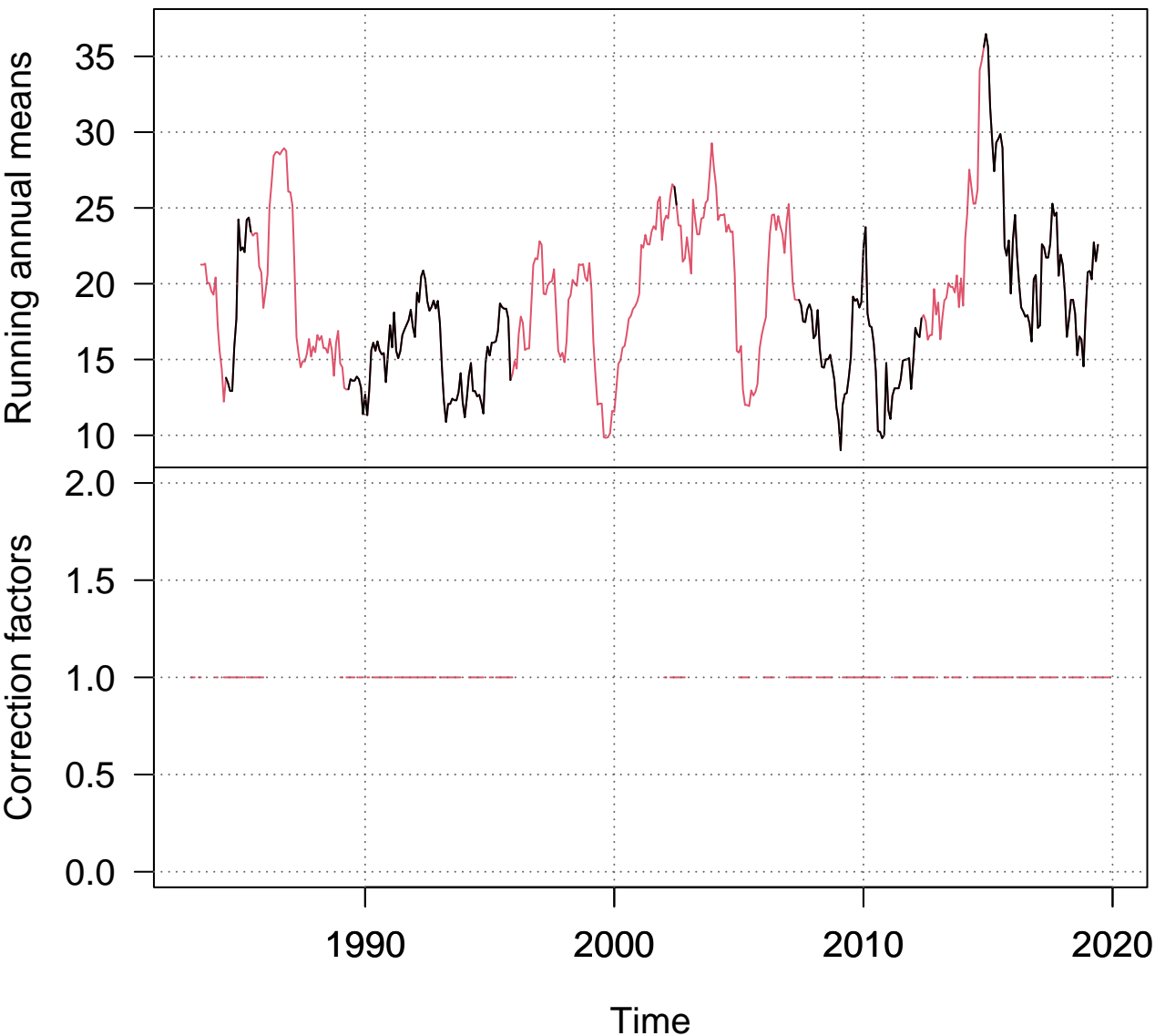


precipitacion 2 (22067)

La Venta

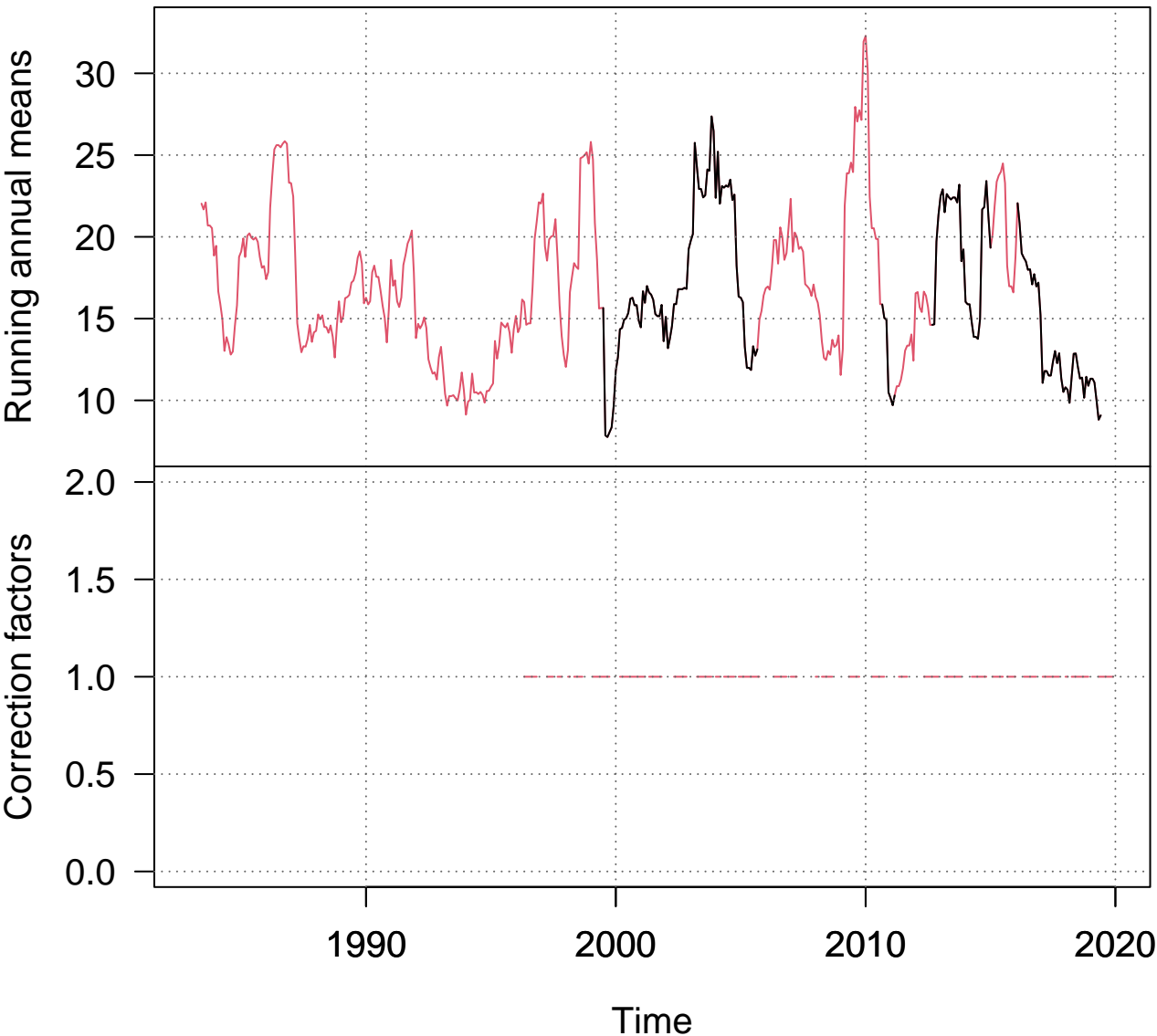


precipitacion 3 (22063) Queretaro (DGE)



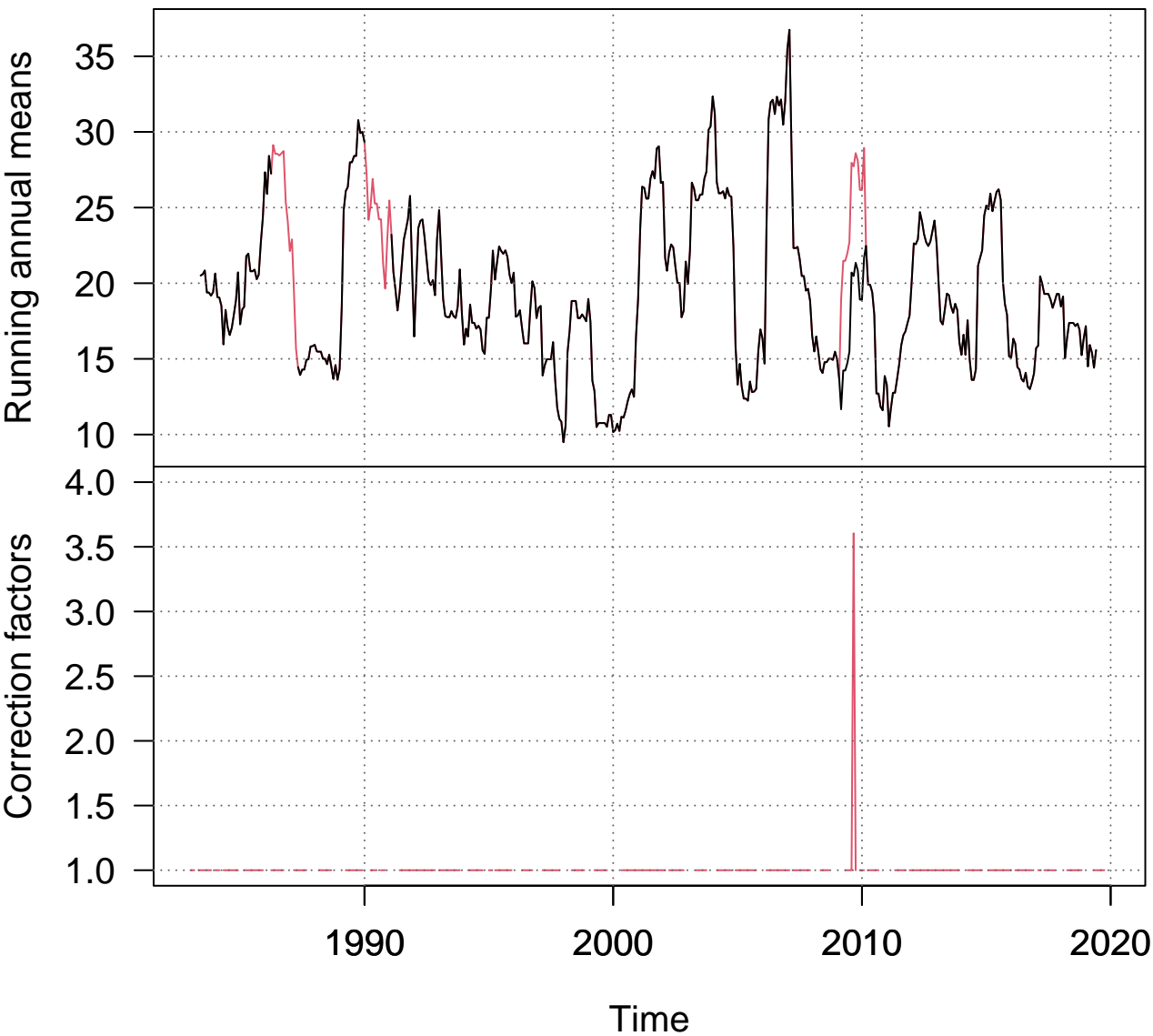
precipitation 4 (22070)

Plantel 7

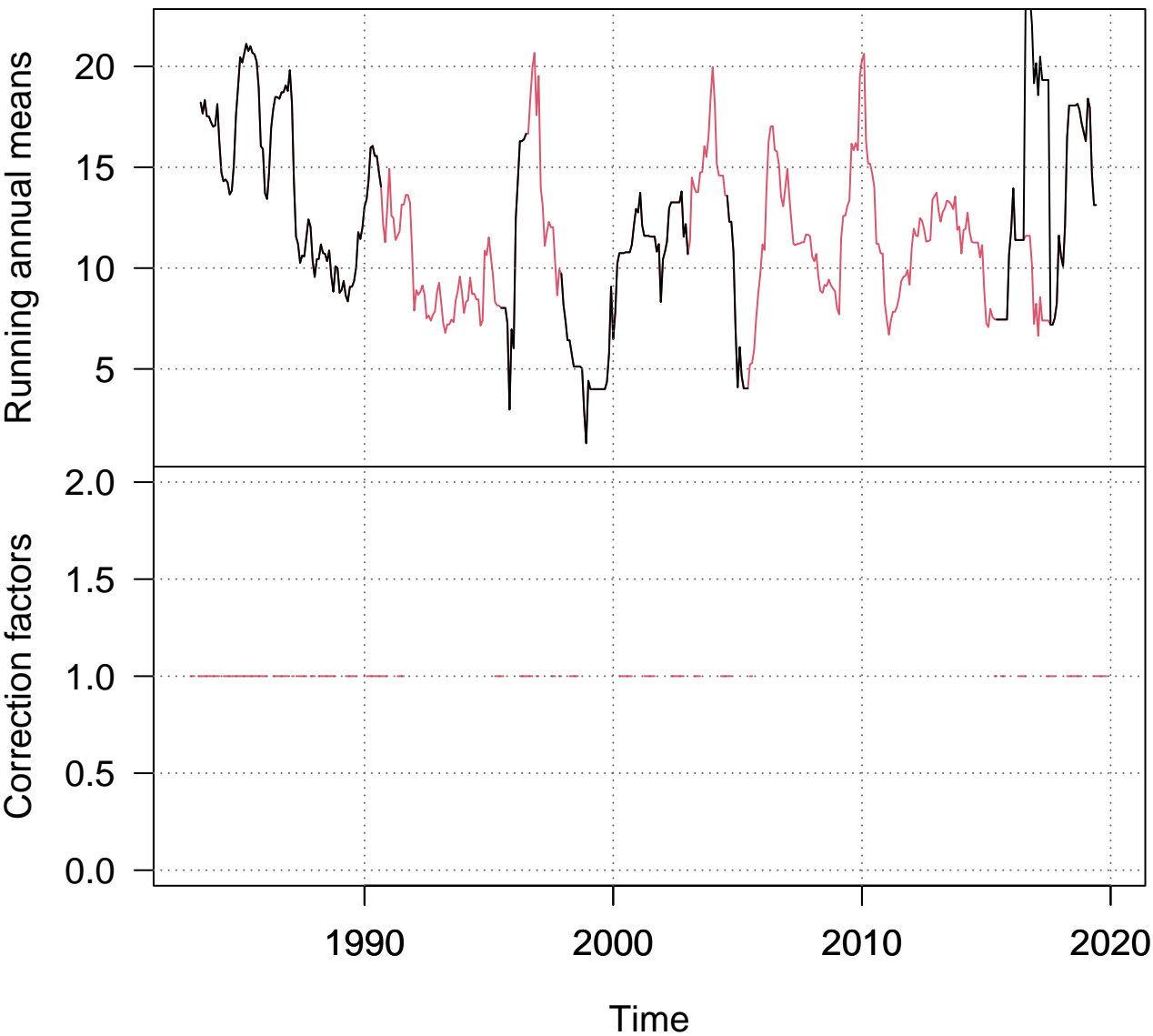


precipitacion 5 (22004)

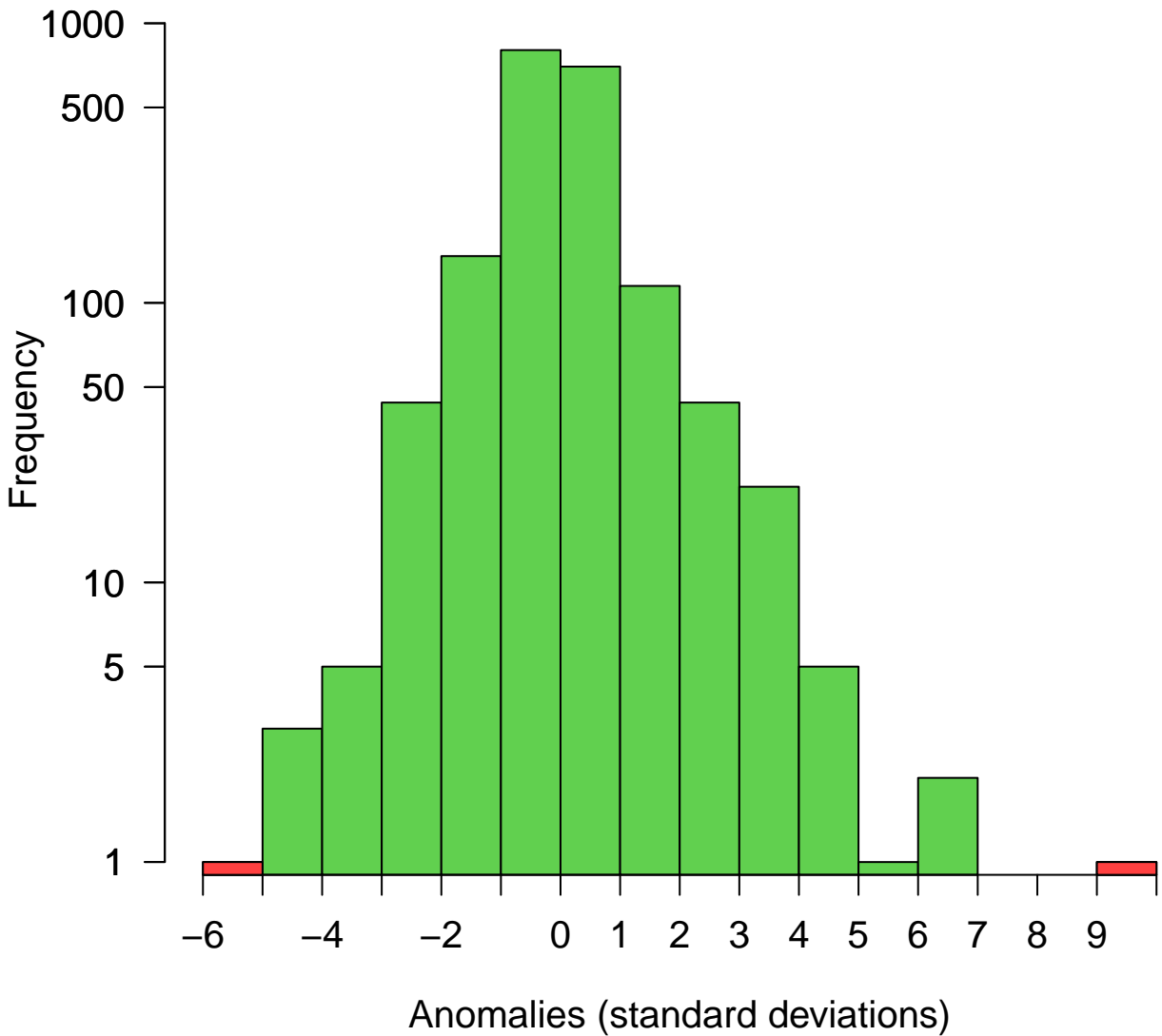
El Batan



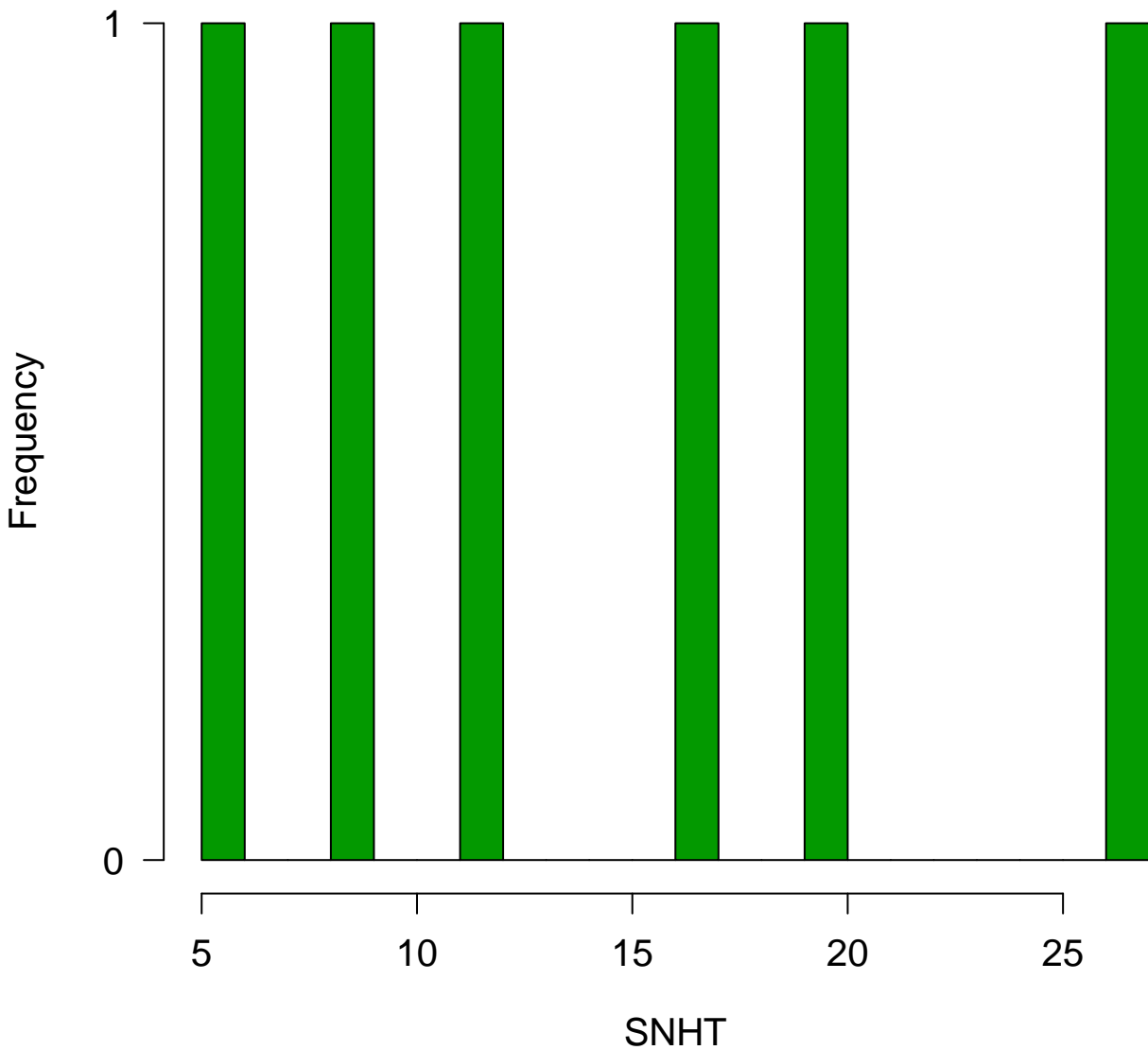
precipitation 6 (22046) Nogales



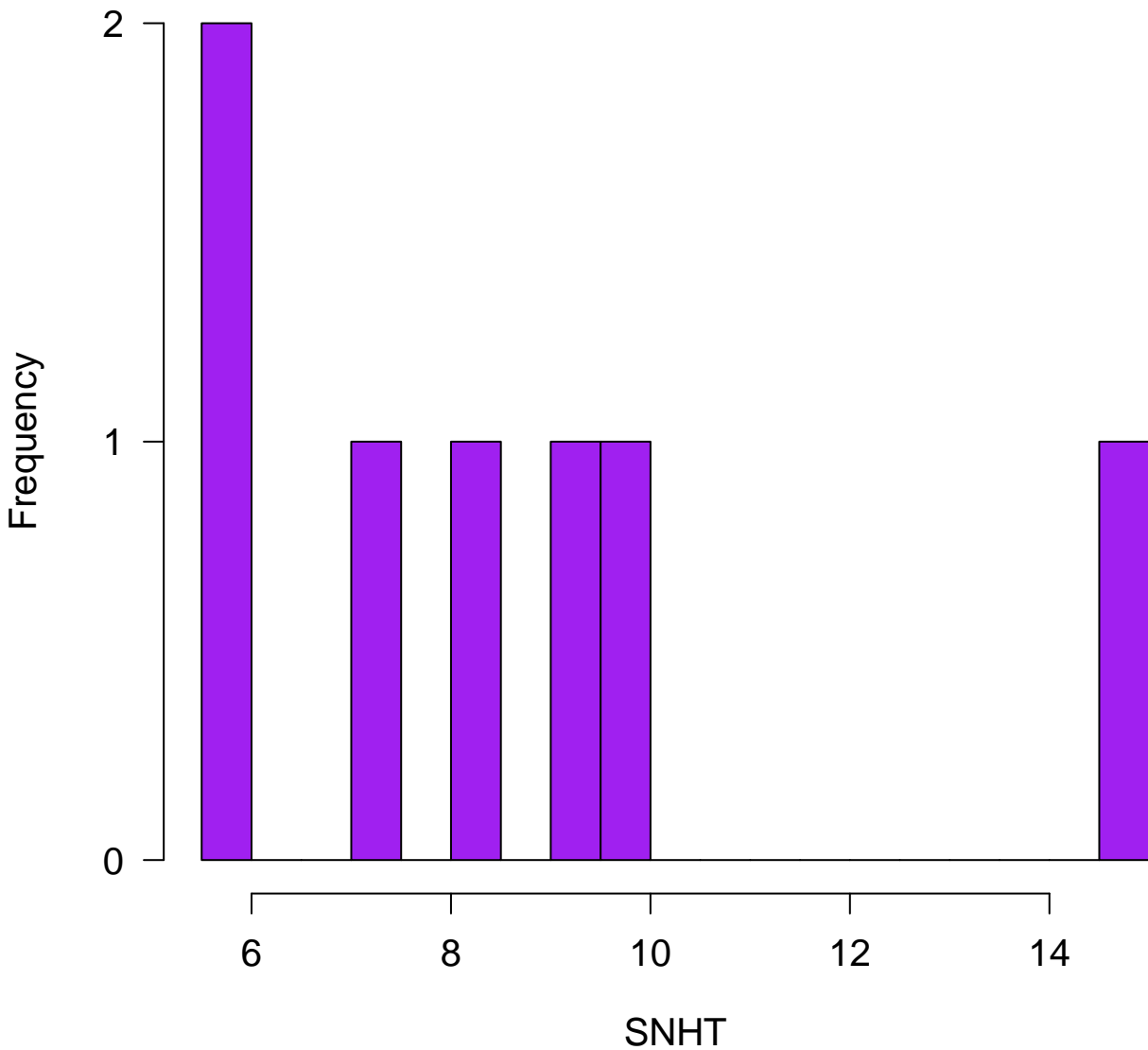
Histogram of standardized anomalies



Histogram of maximum windowed SNHT



Histogram of maximum global SNHT



Station's quality/singularity

