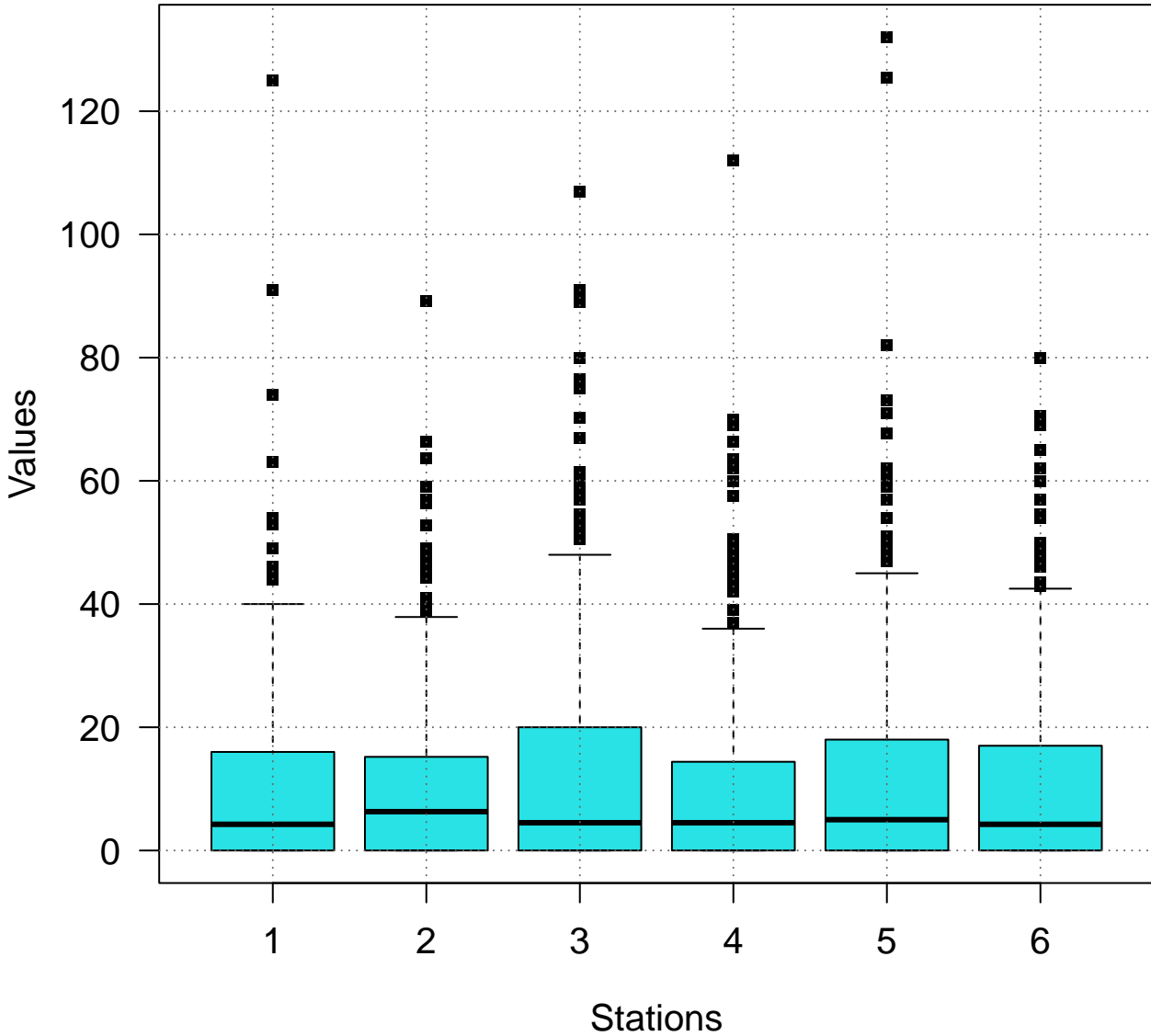


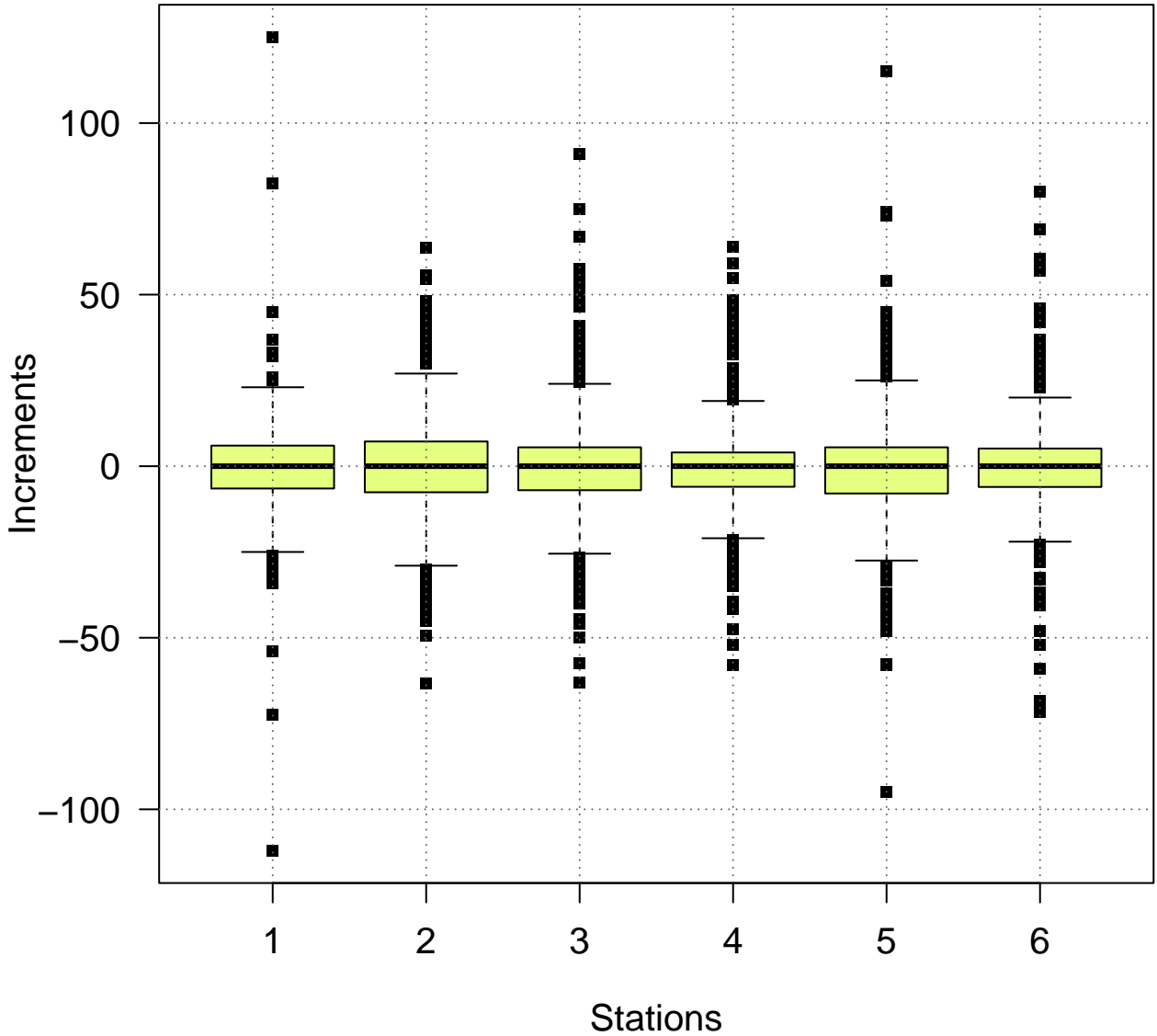
CLIMATOL 4.1.0

Homogenization
graphic output of
precipitation
1980–2020

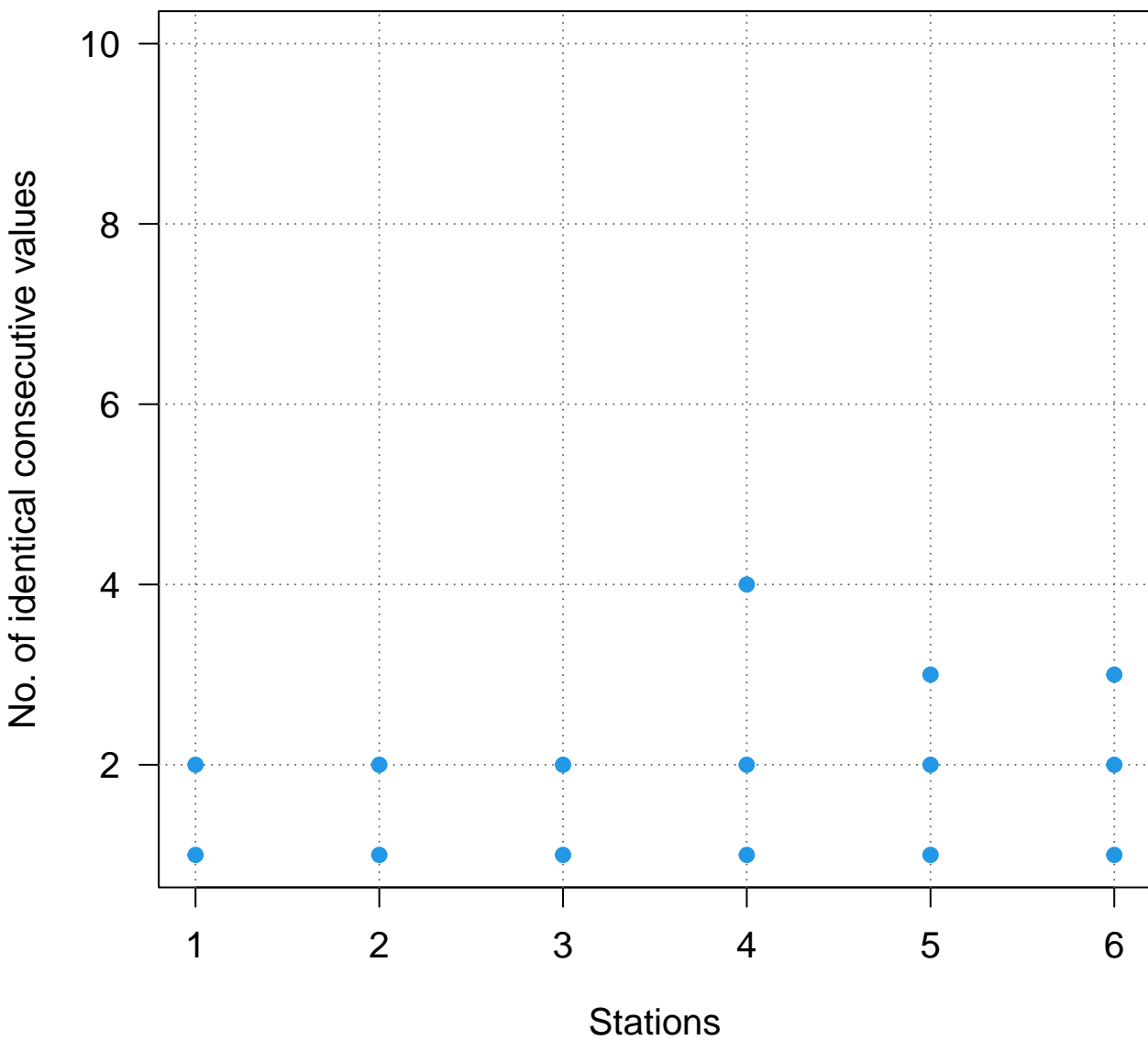
precipitation data



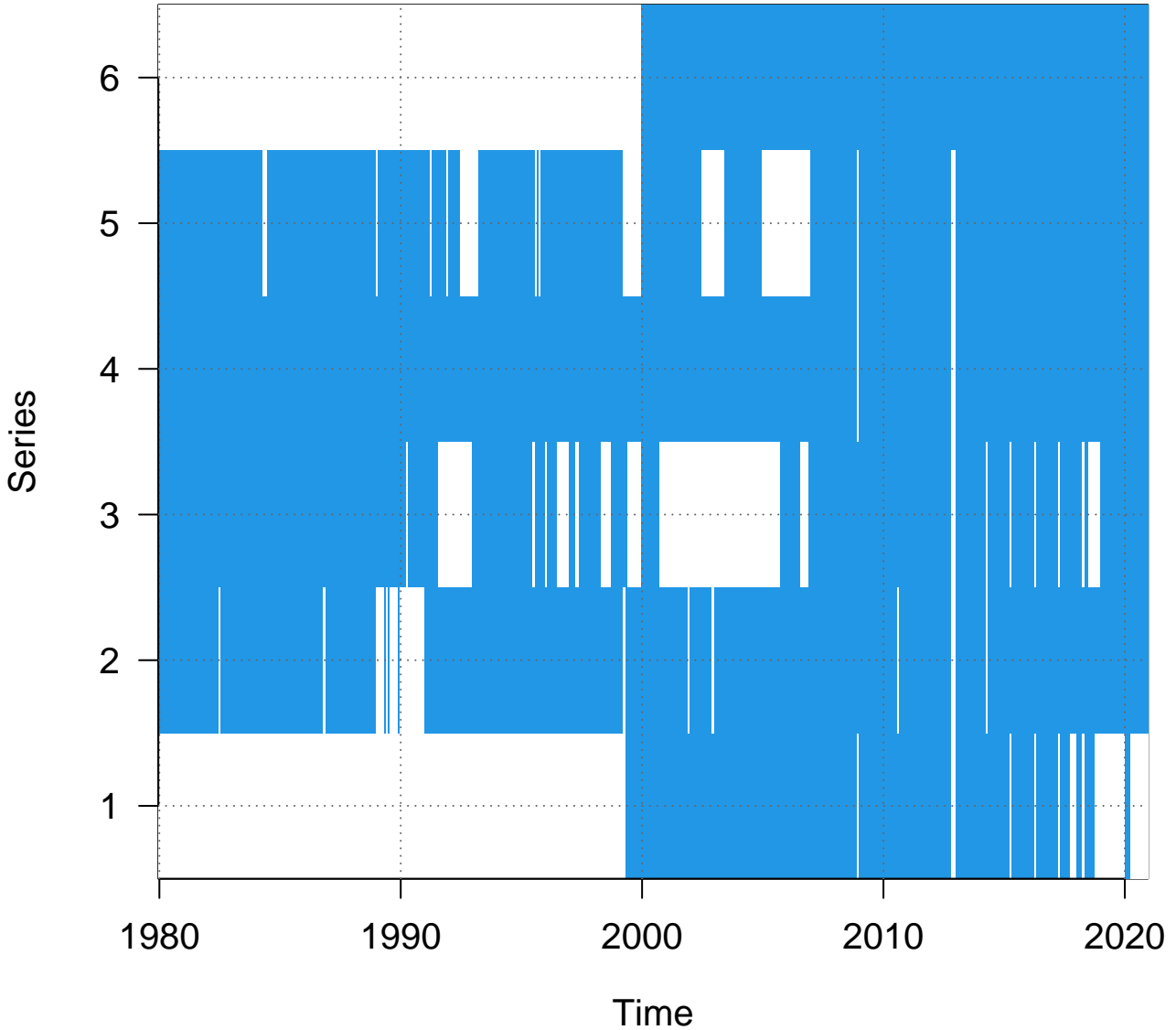
precipitacion data increments



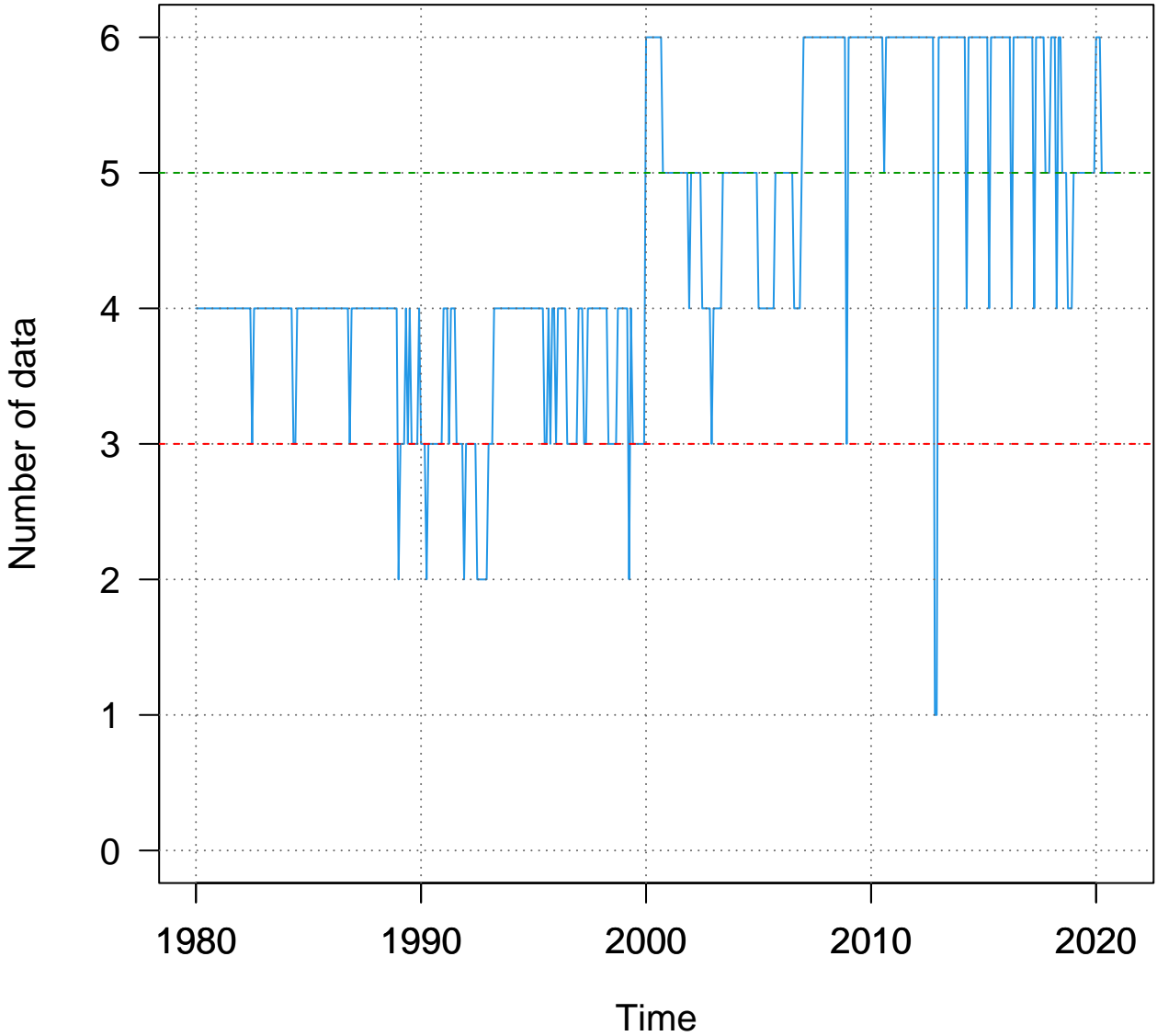
precipitacion run lengths



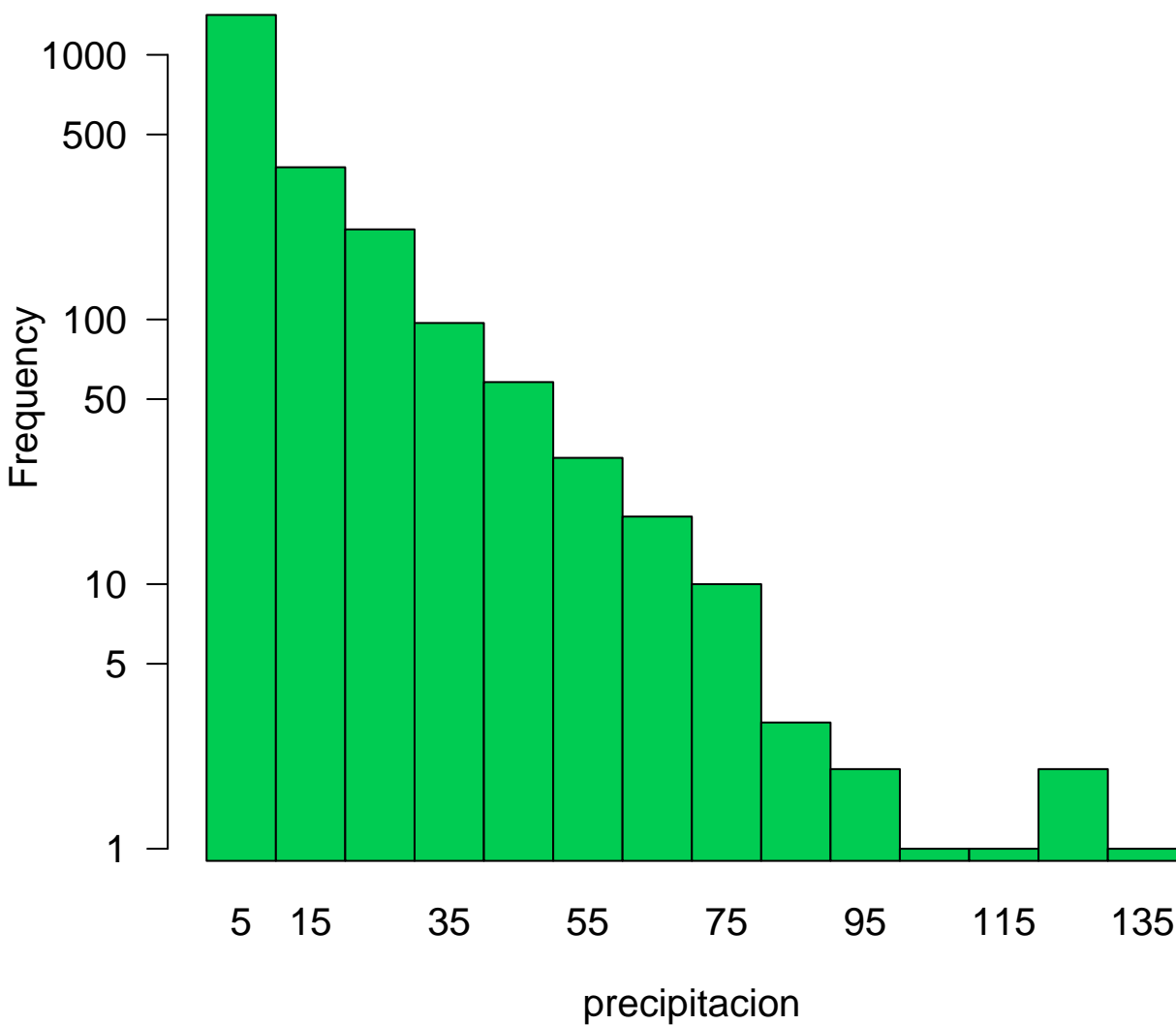
precipitacion data availability



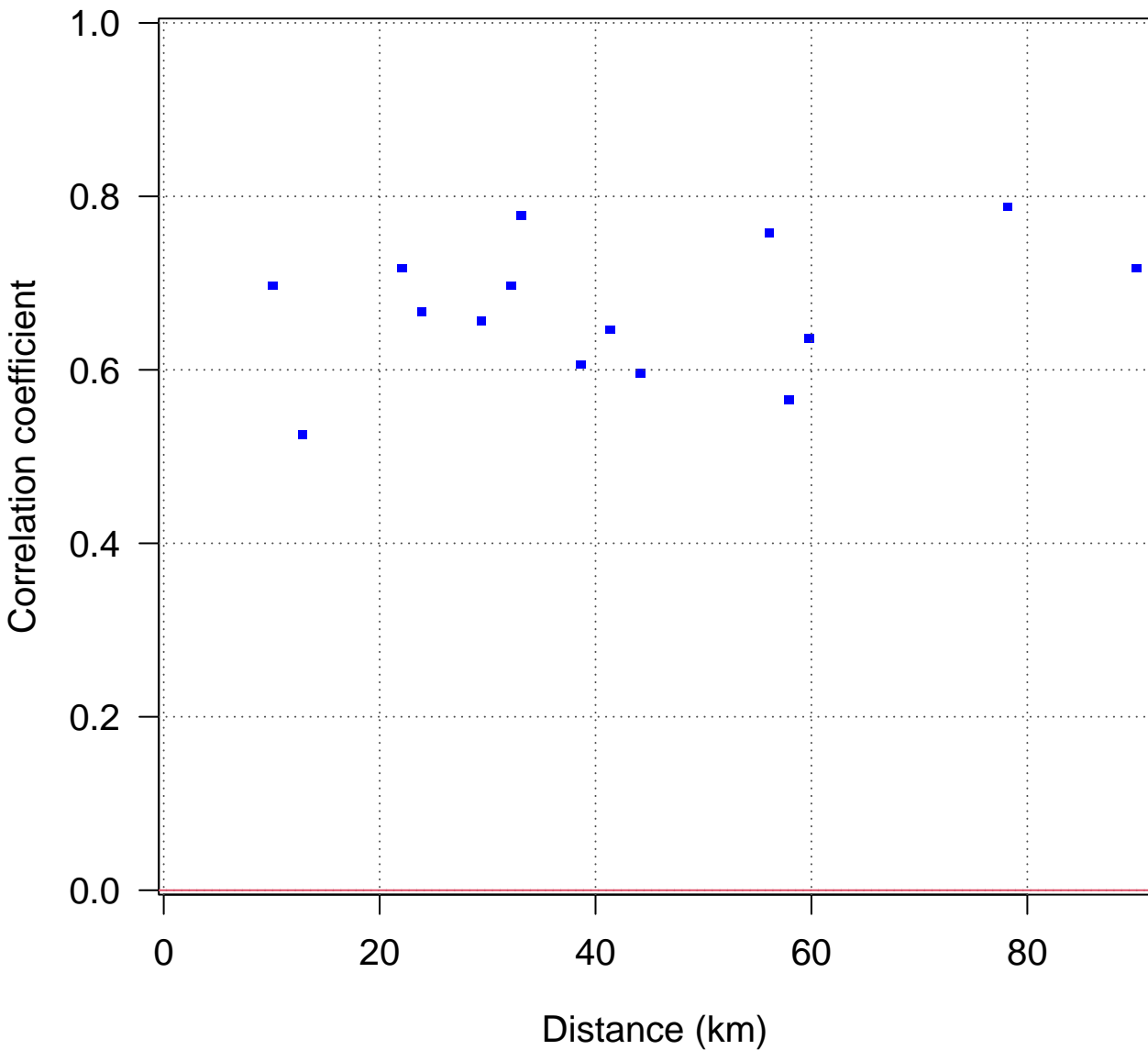
Number of precipitation data in all stations



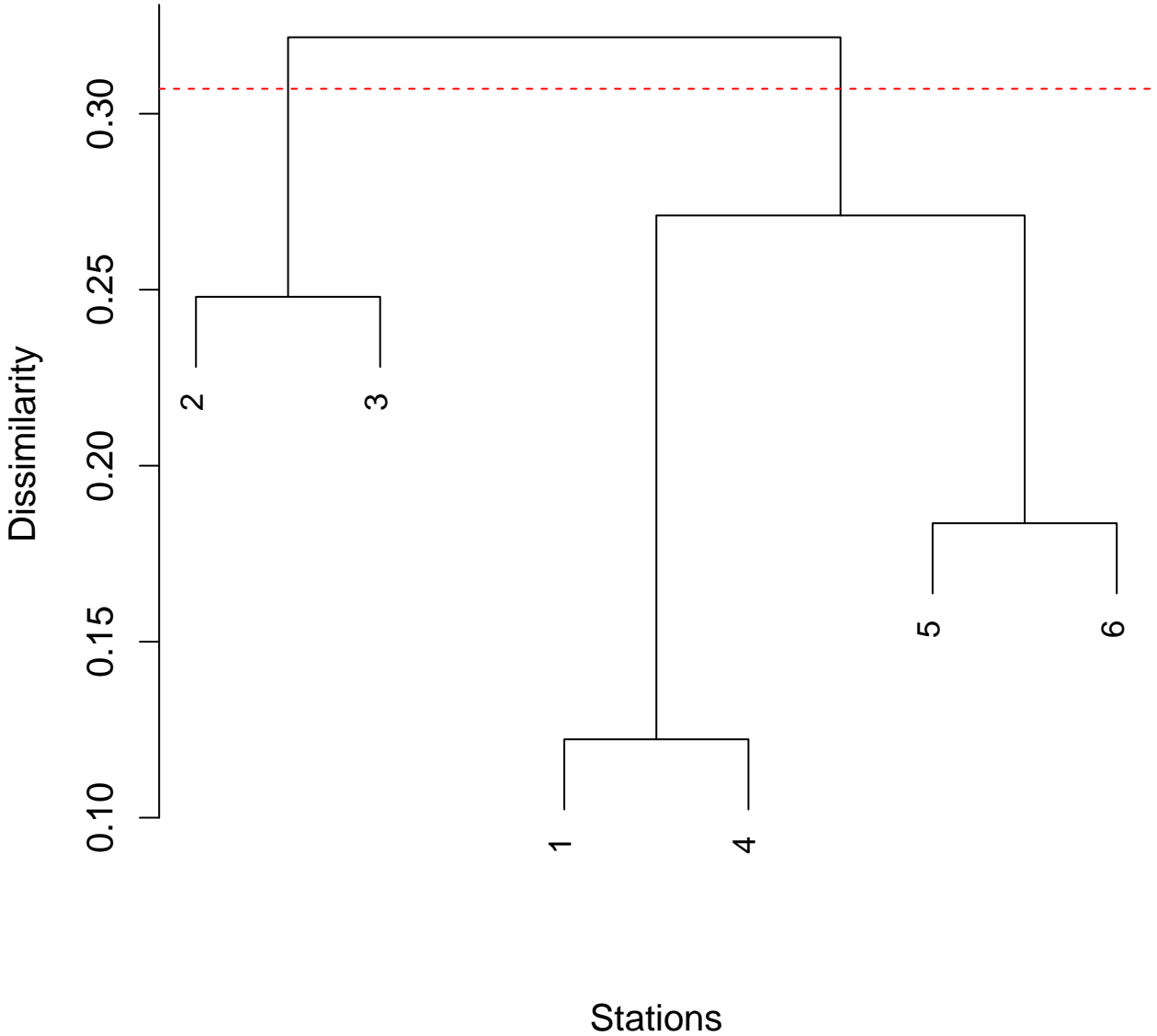
Histogram of all data



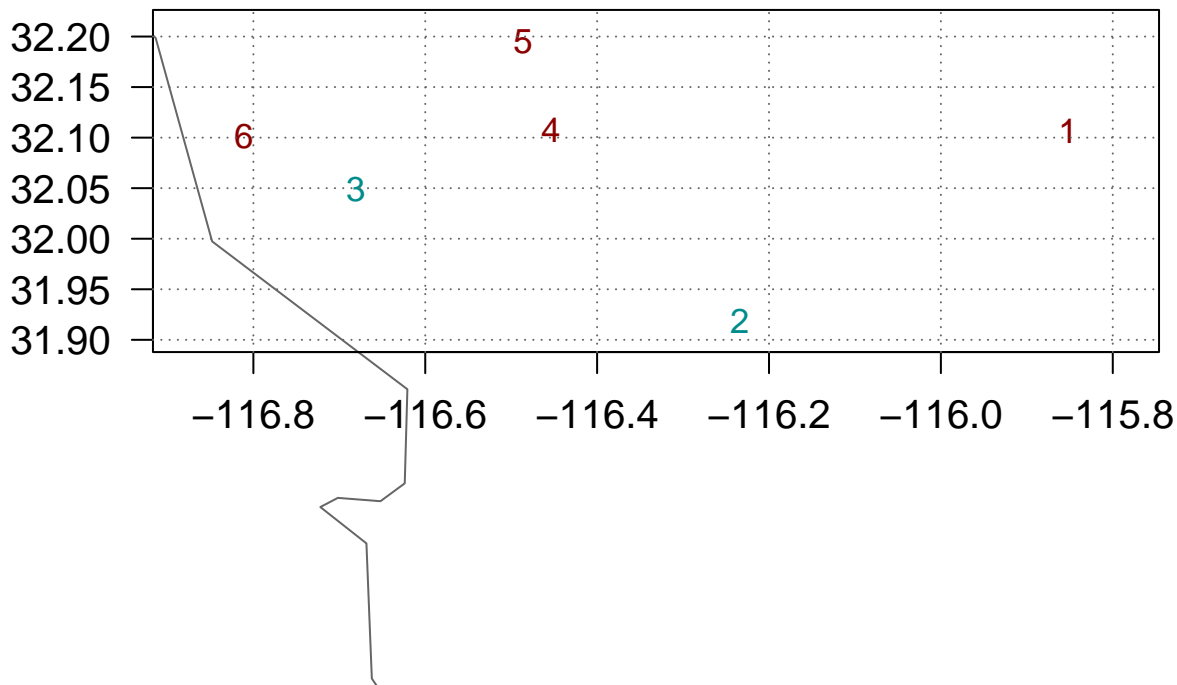
Correlogram of first difference precipitation series



Dendrogram of station clusters



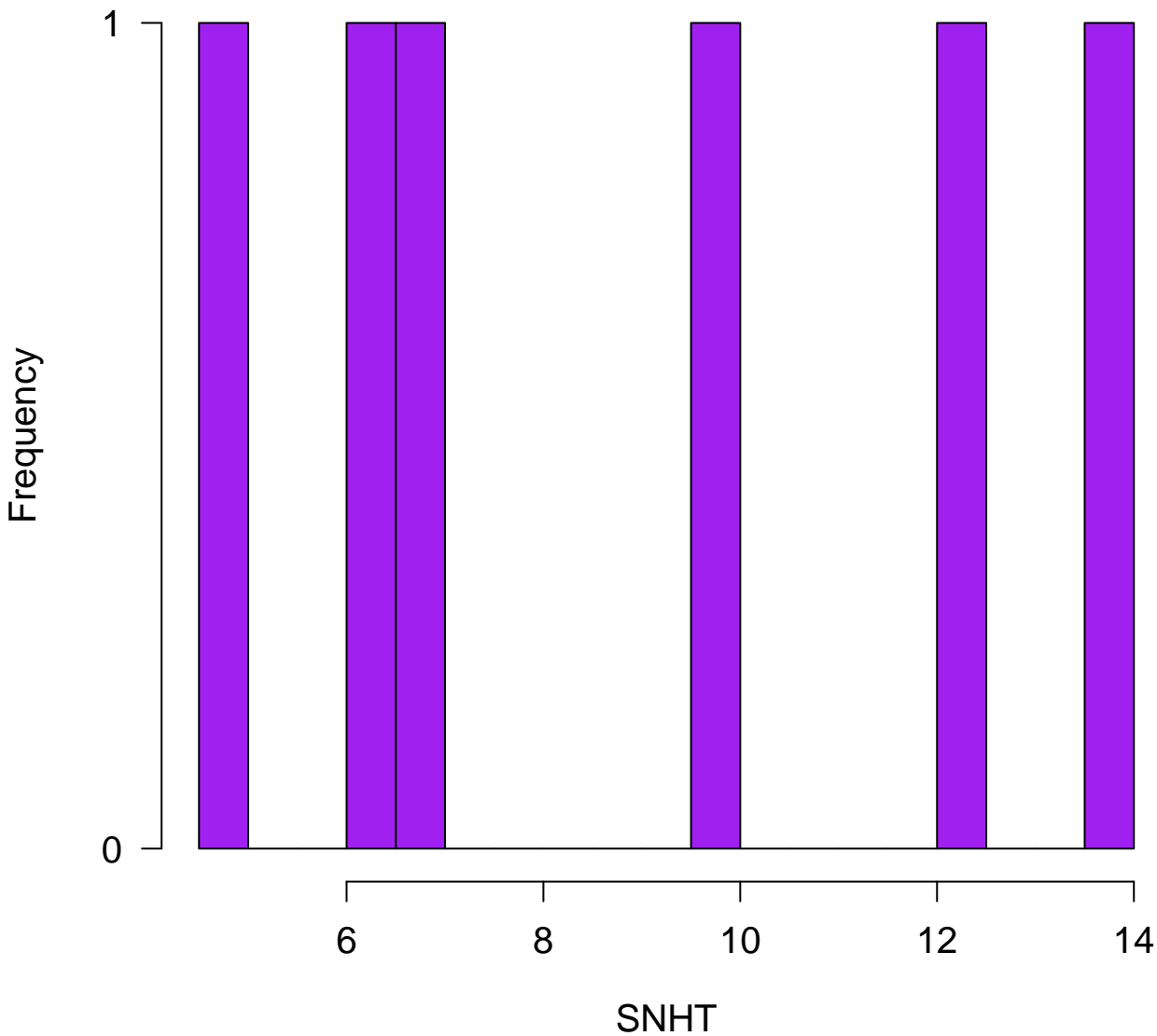
precipitacion station locations (2 clusters)



Stage 1

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

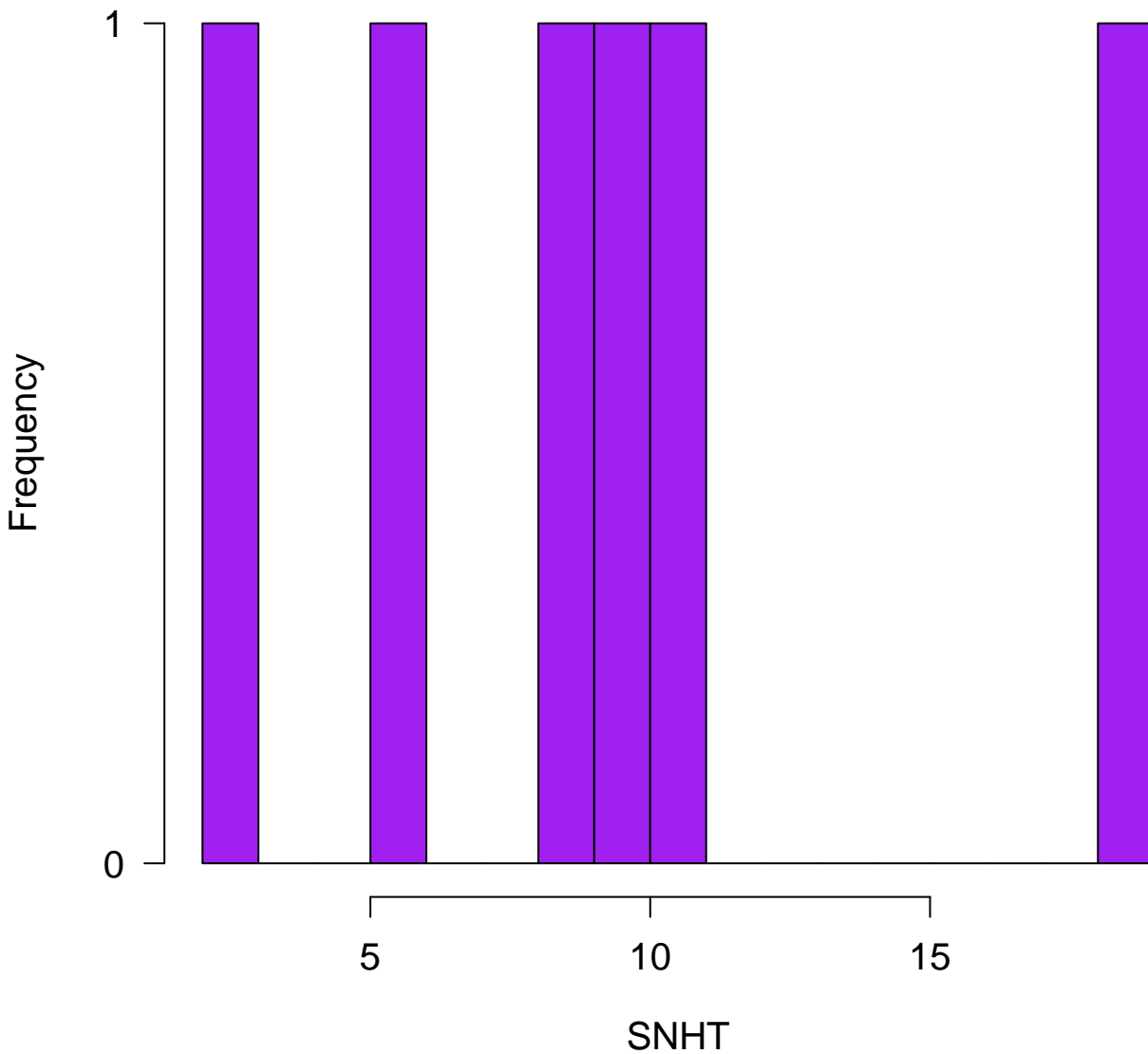
Histogram of maximum SNHT (Stage 1)



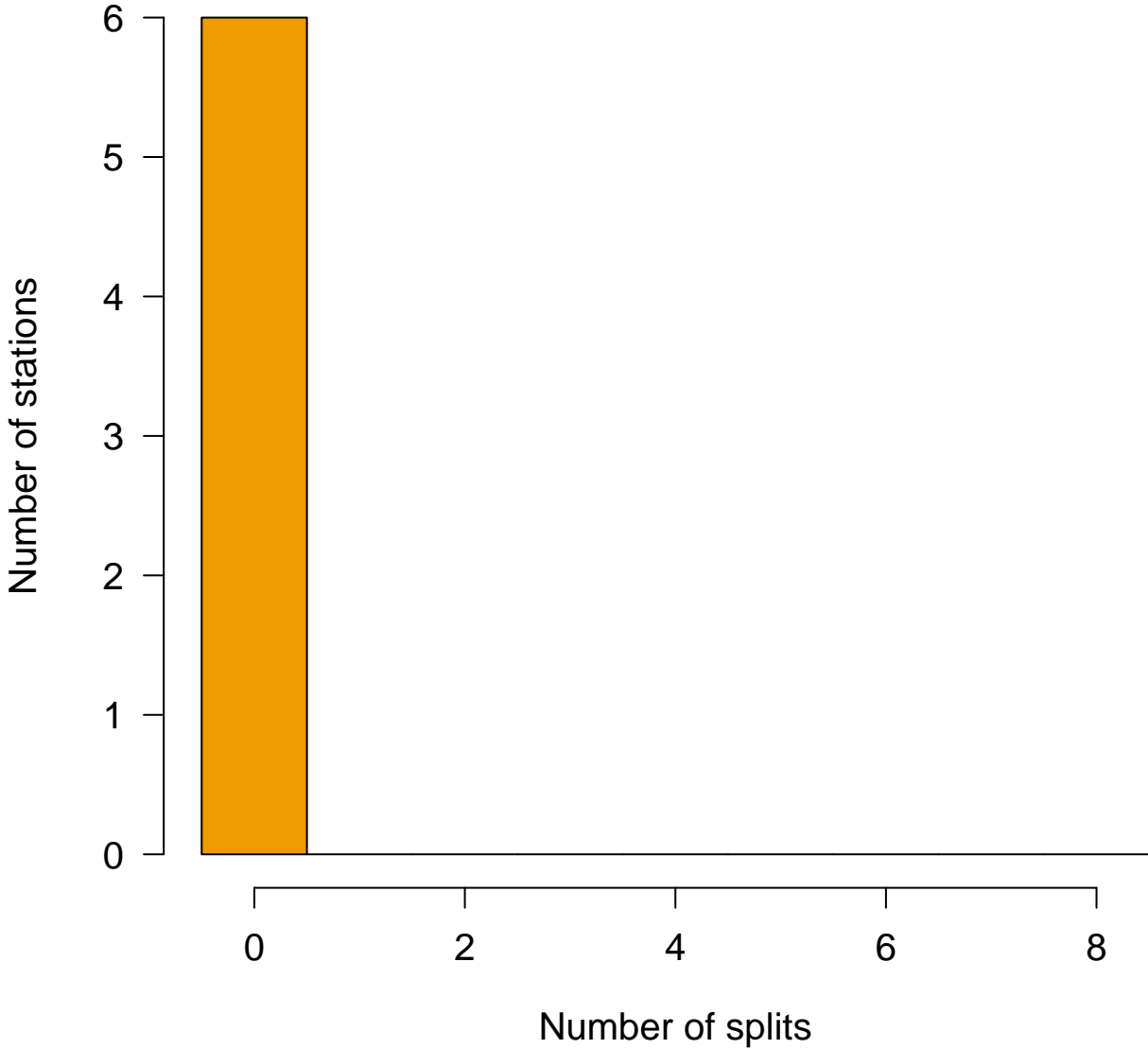
Stage 2

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

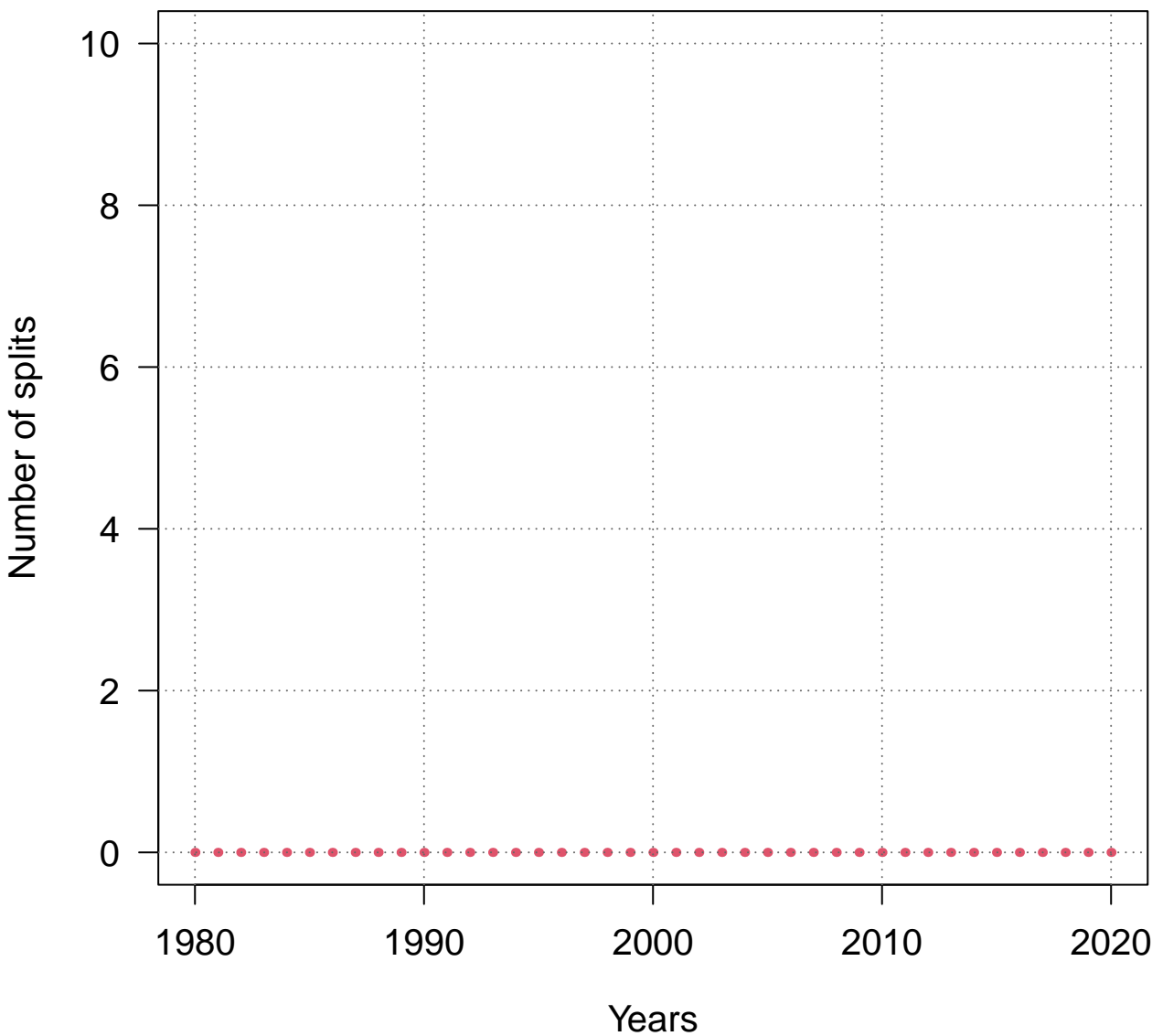
Histogram of maximum SNHT (Stage 2)



Number of splits per station



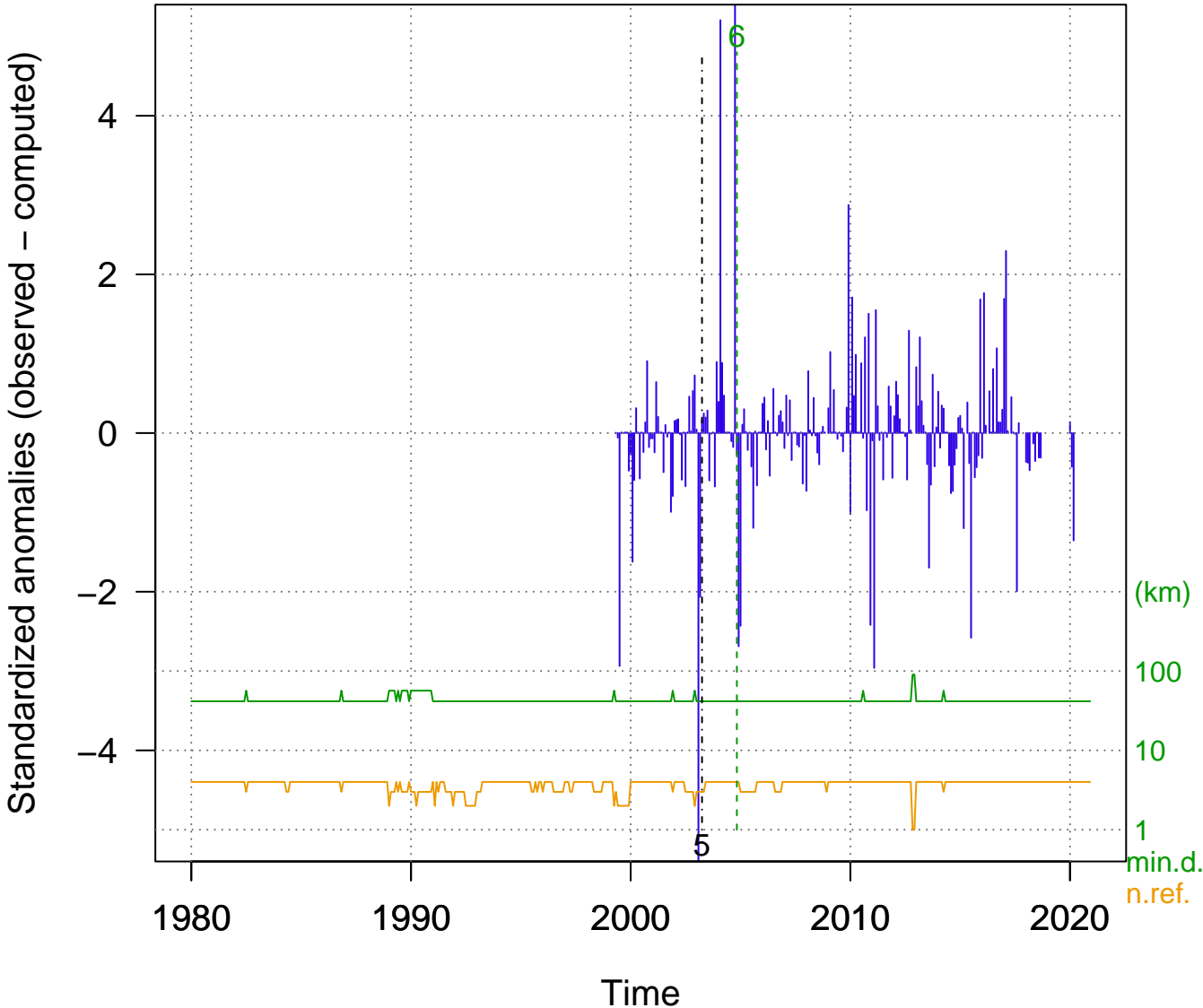
Number of splits per year



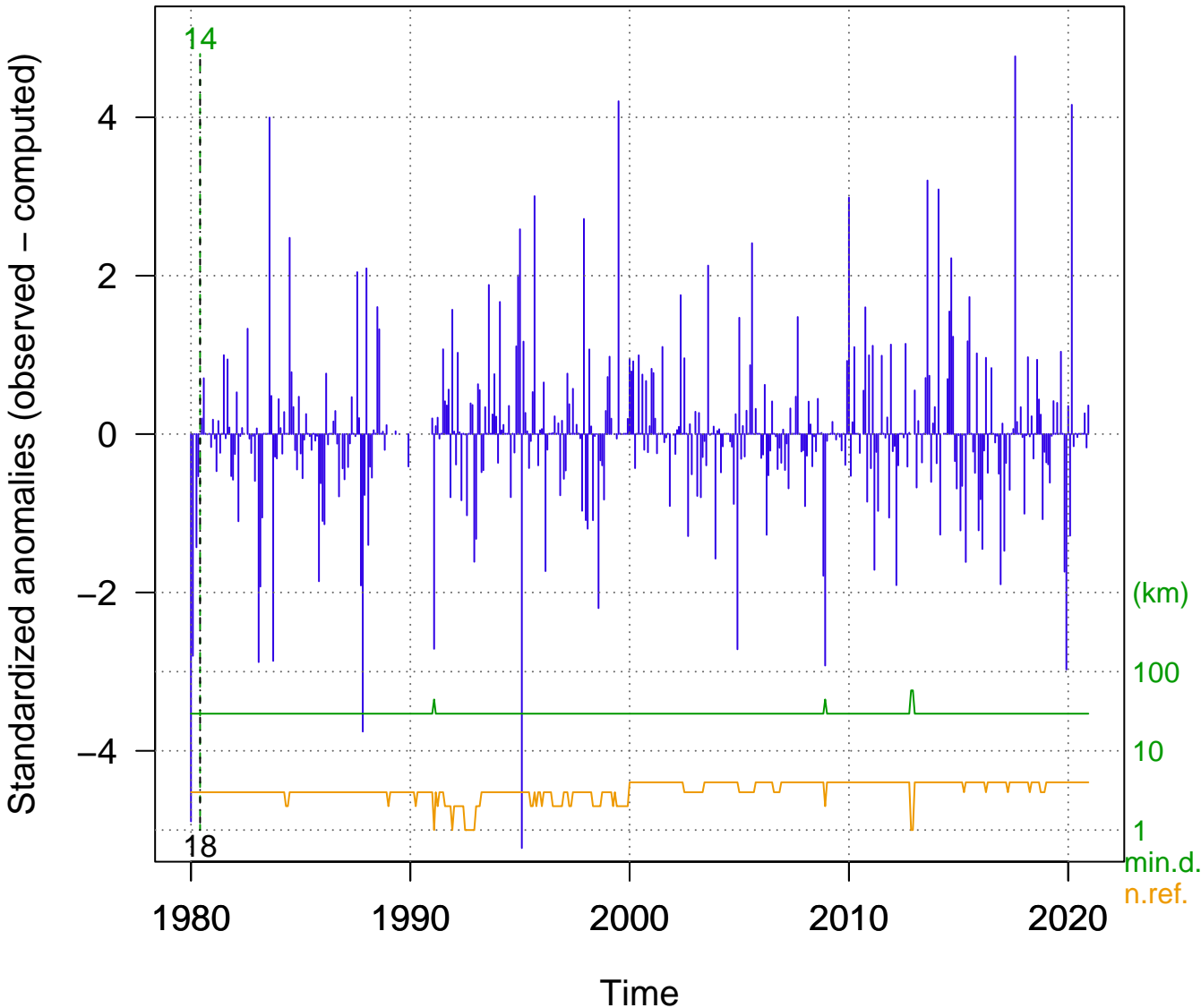
Stage 3

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

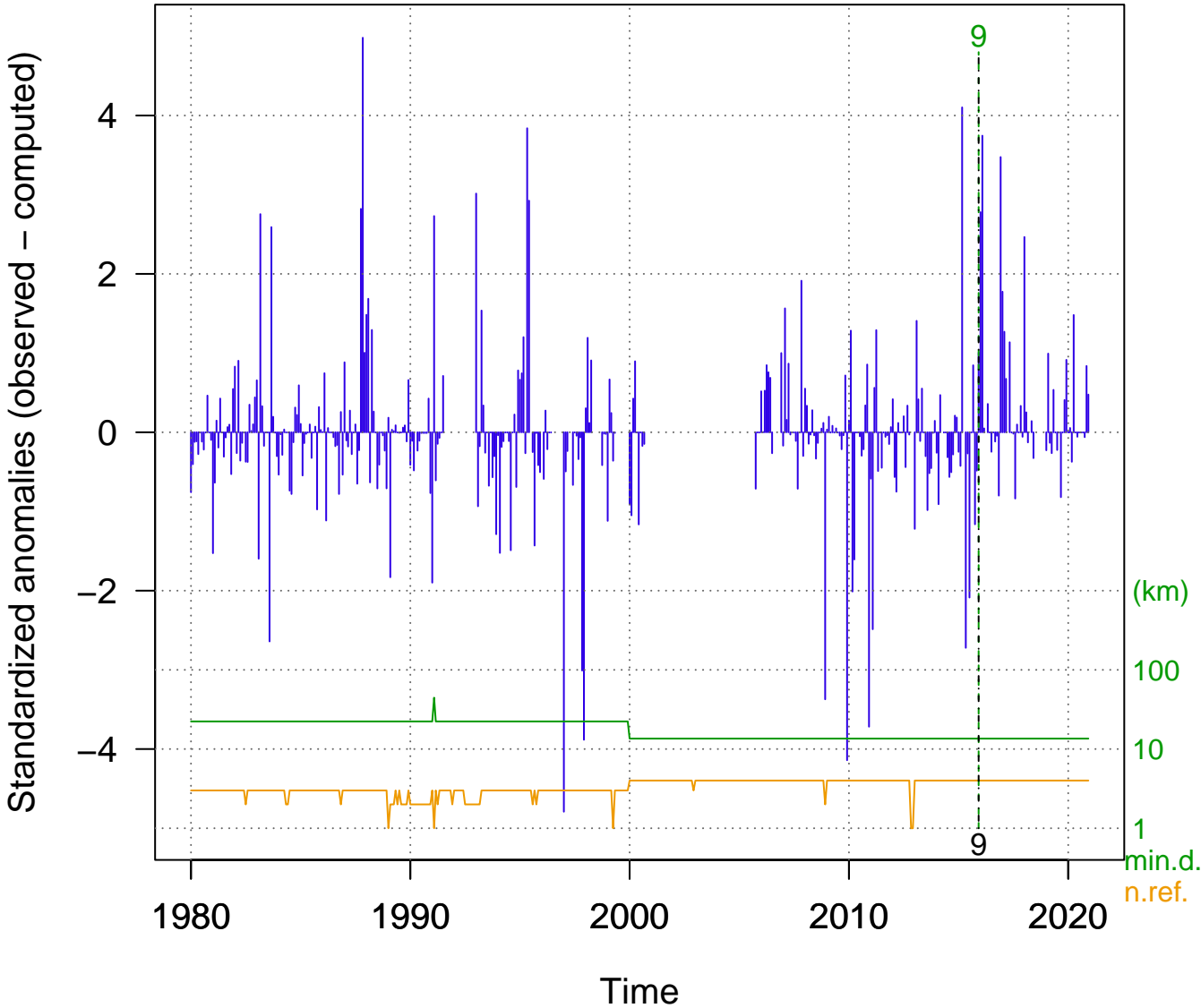
precipitacion 1 (2164)
EJIDO_EL_PORVENIR



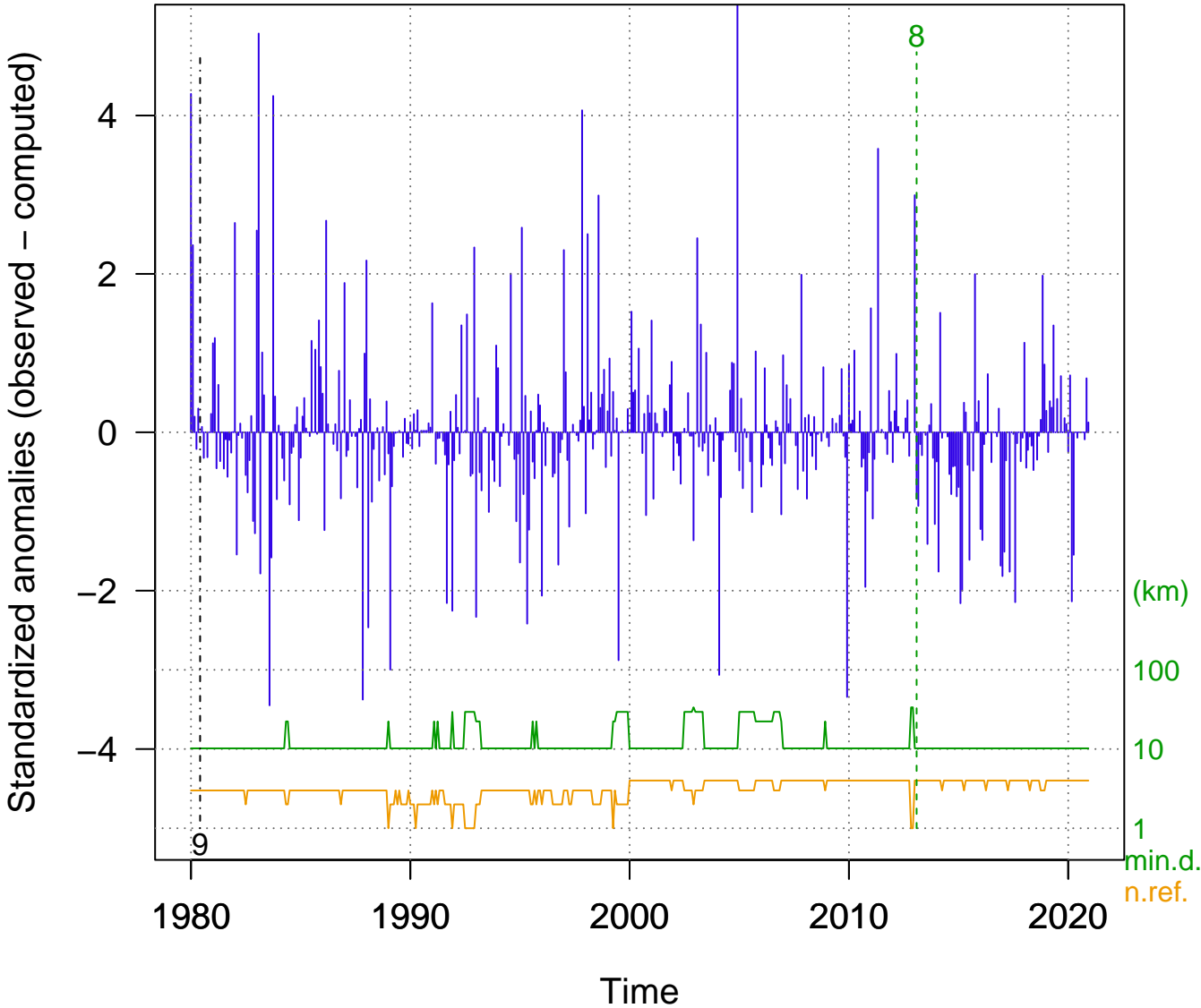
precipitacion 2 (2118) VALLE_DE_SAN_RAFAEL



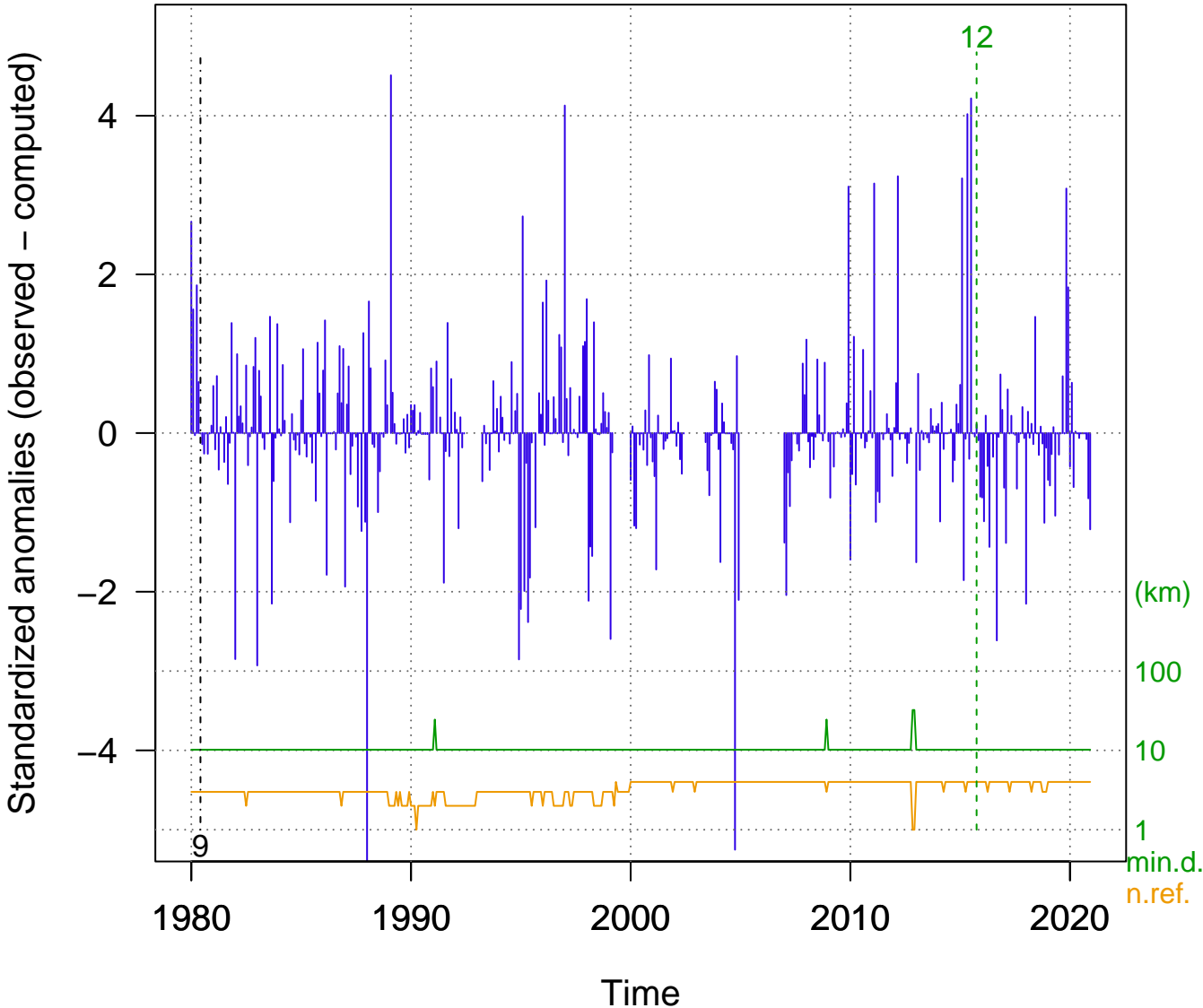
precipitacion 3 (2036) OLIVARES_MEXICANOS



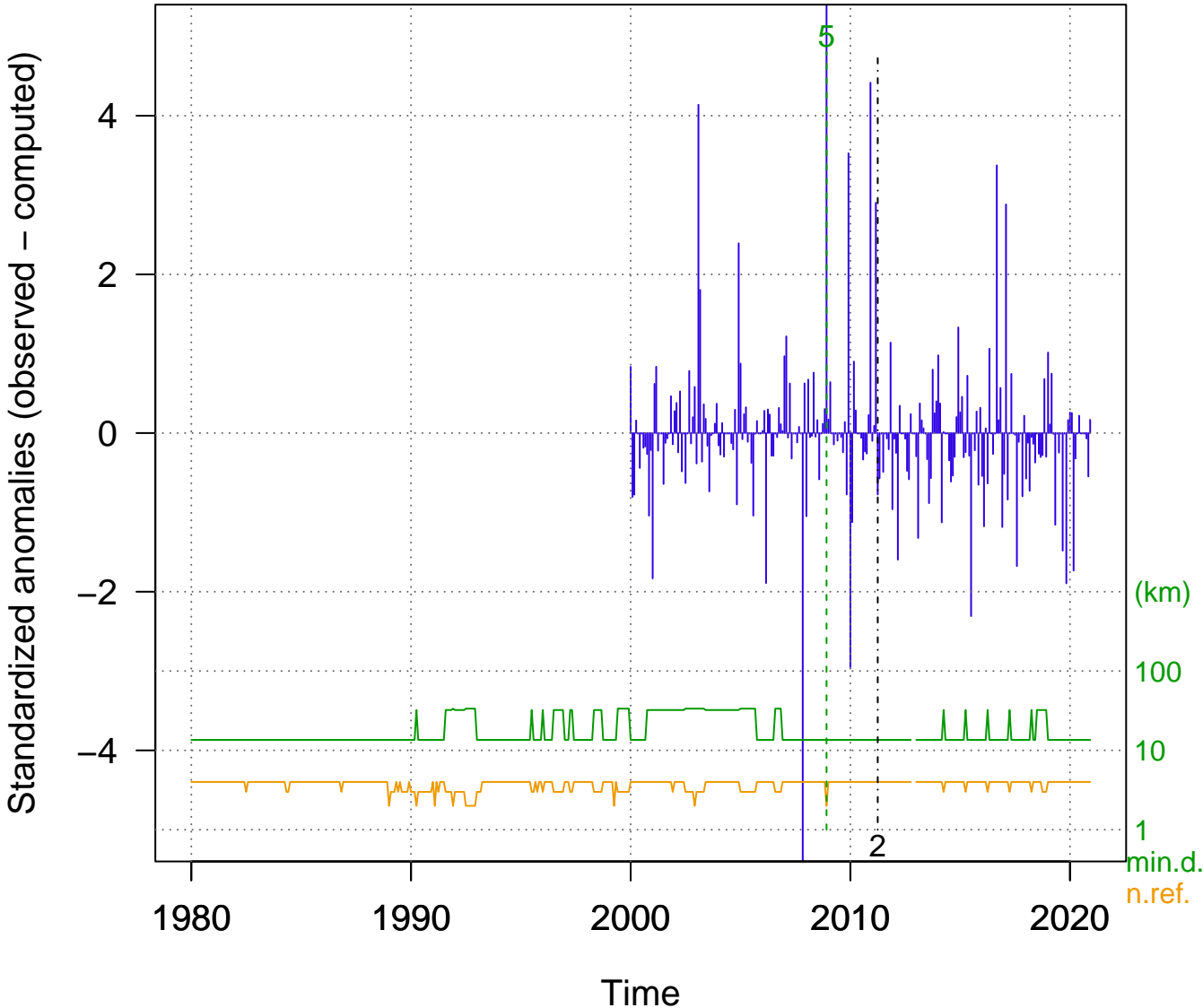
precipitacion 4 (2001) AGUACALIENTE



precipitacion 5 (2004)
IGNACIO_ZARAGOZA_BELEN



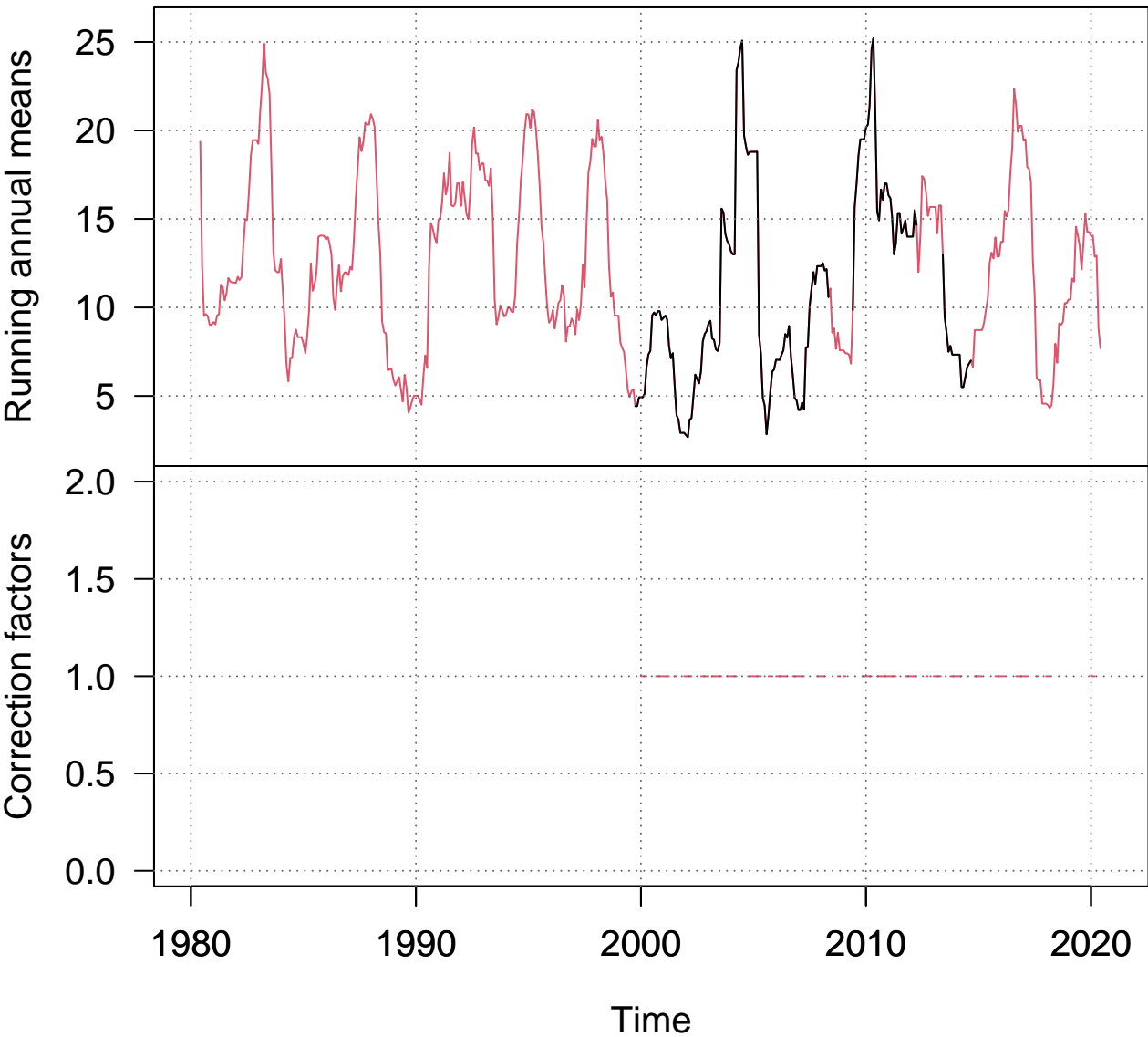
precipitacion 6 (2077)
LA_MISION



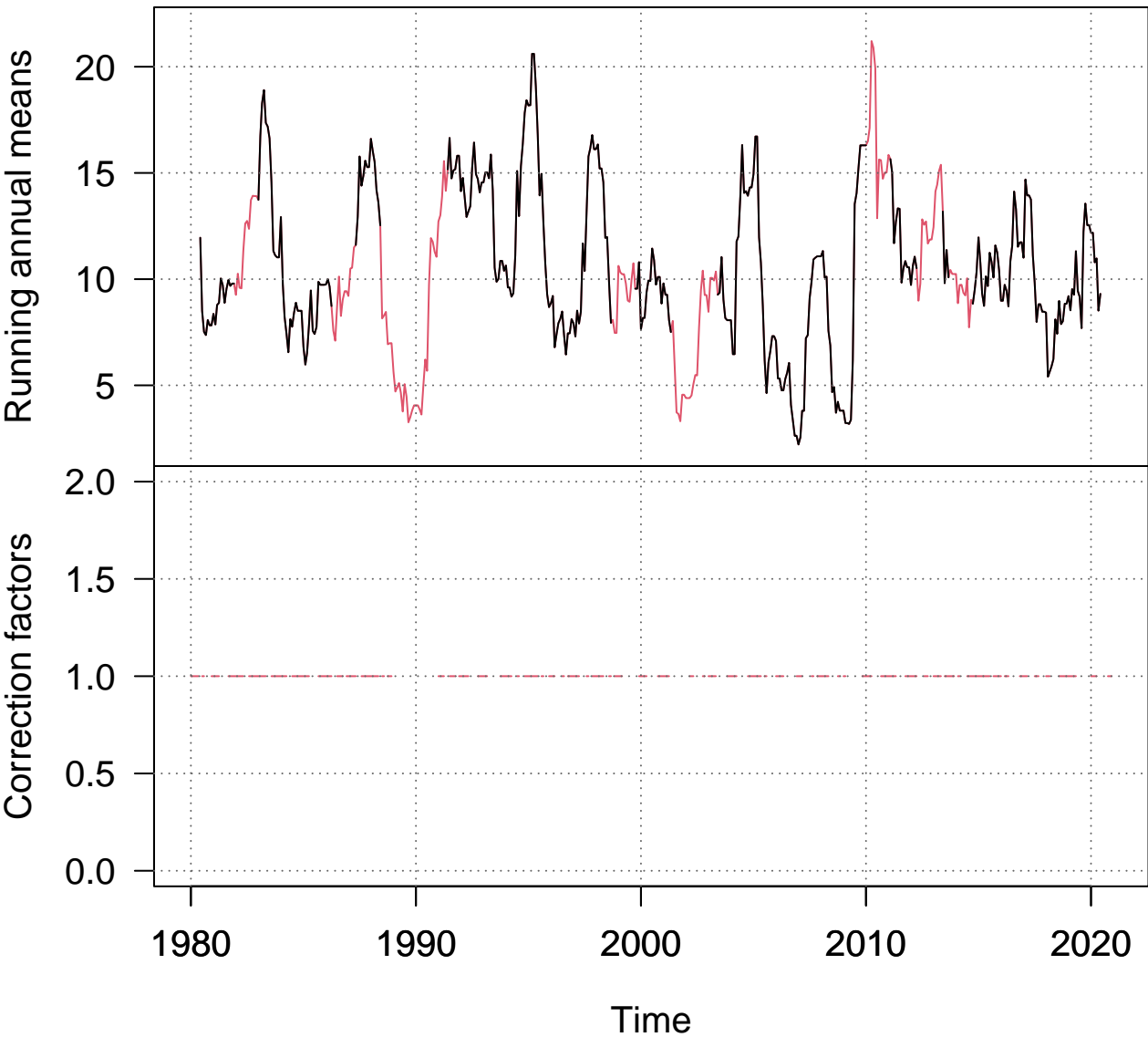
Final graphics

Adjusted series and
applied corrections

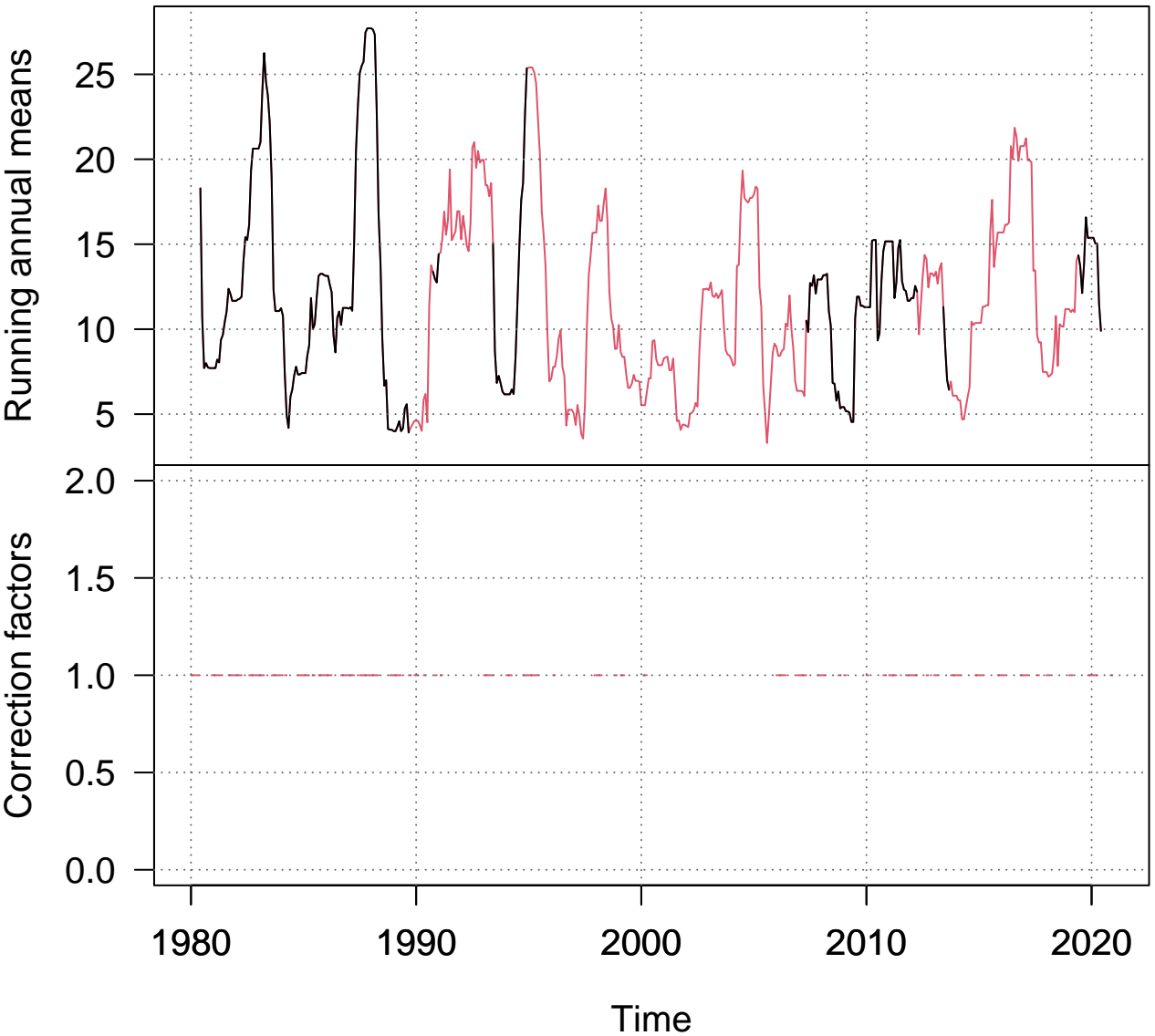
precipitacion 1 (2164)
EJIDO_EL_PORVENIR



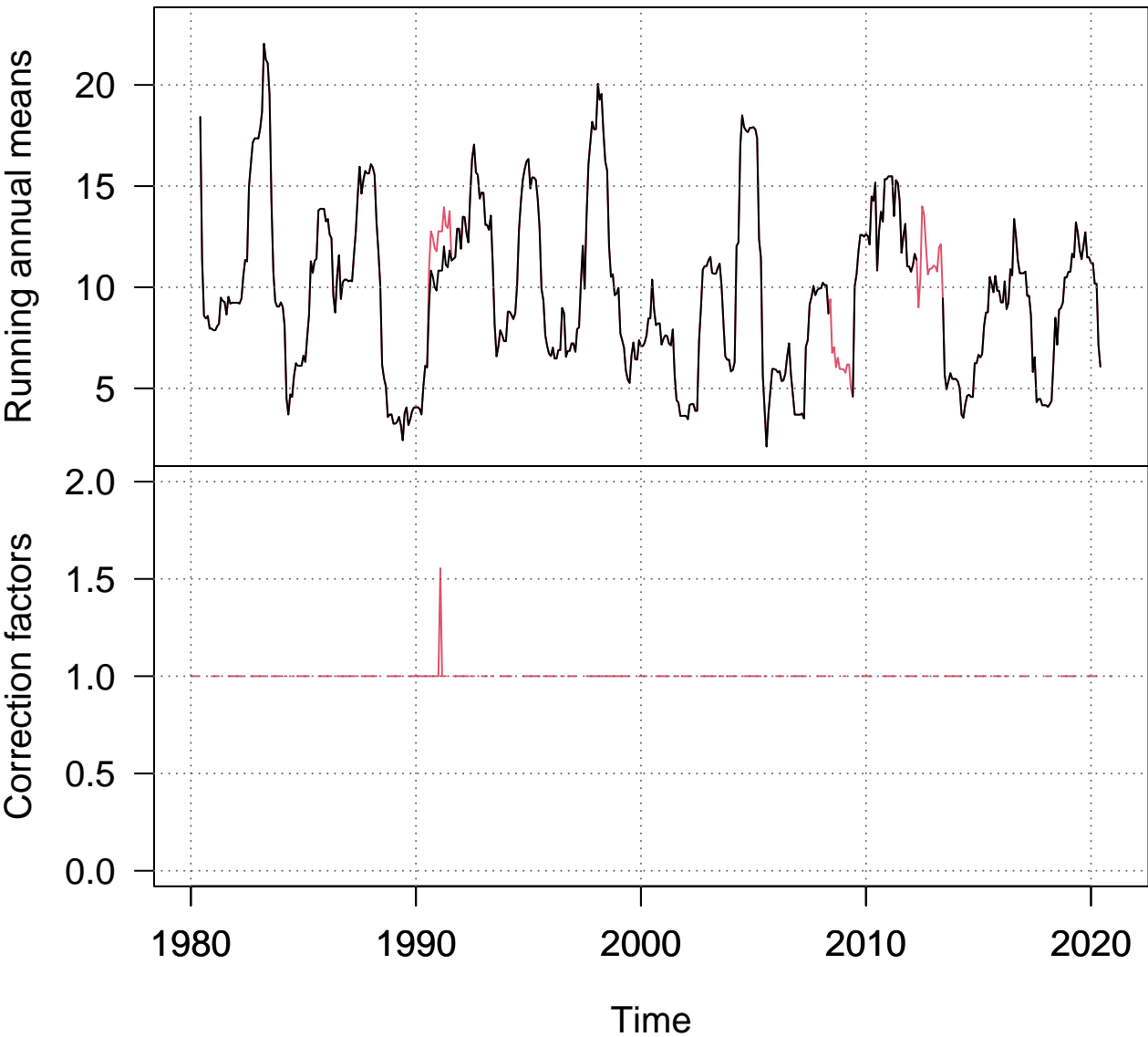
precipitacion 2 (2118)
VALLE_DE_SAN_RAFAEL



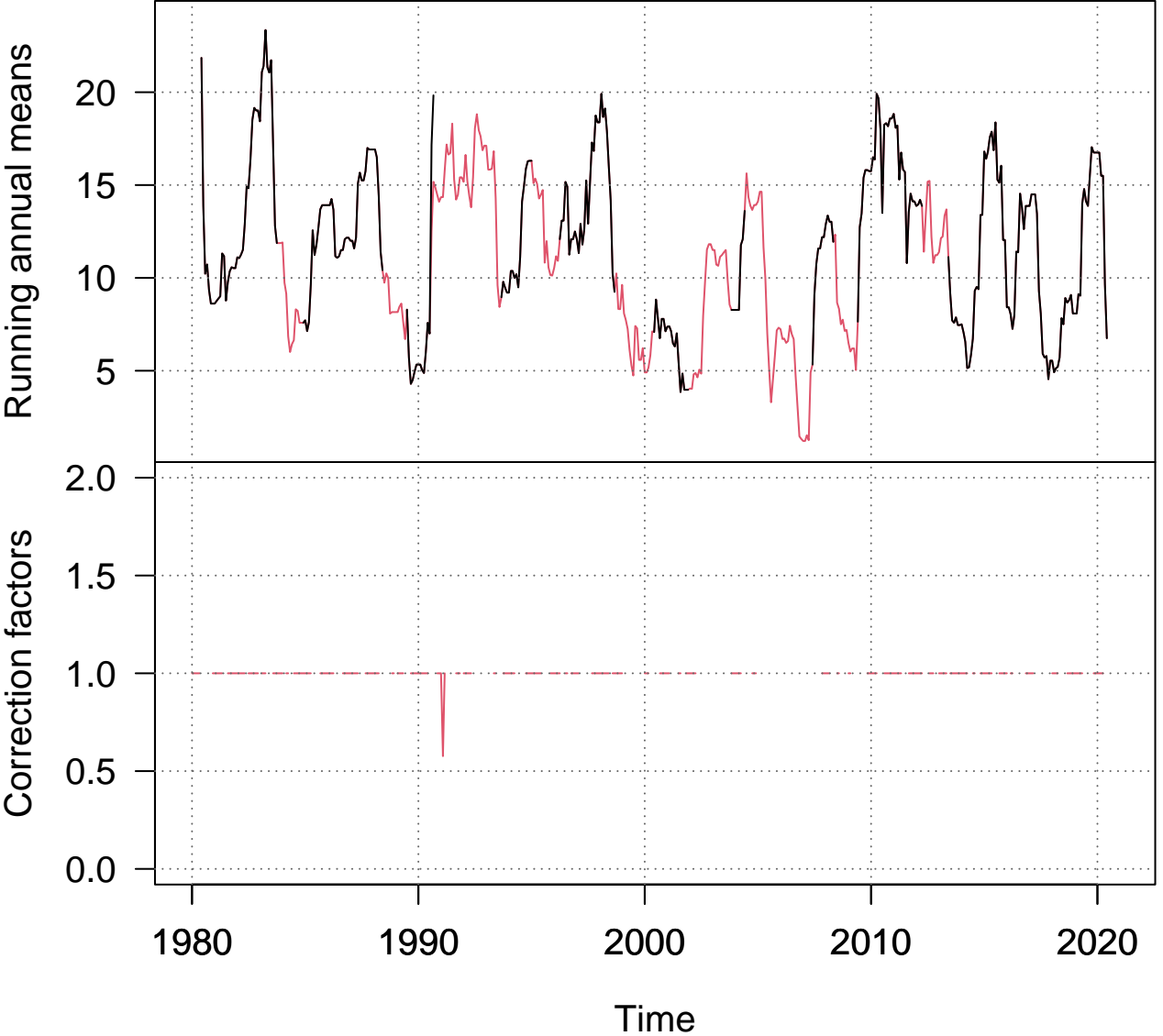
precipitacion 3 (2036)
OLIVARES_MEXICANOS



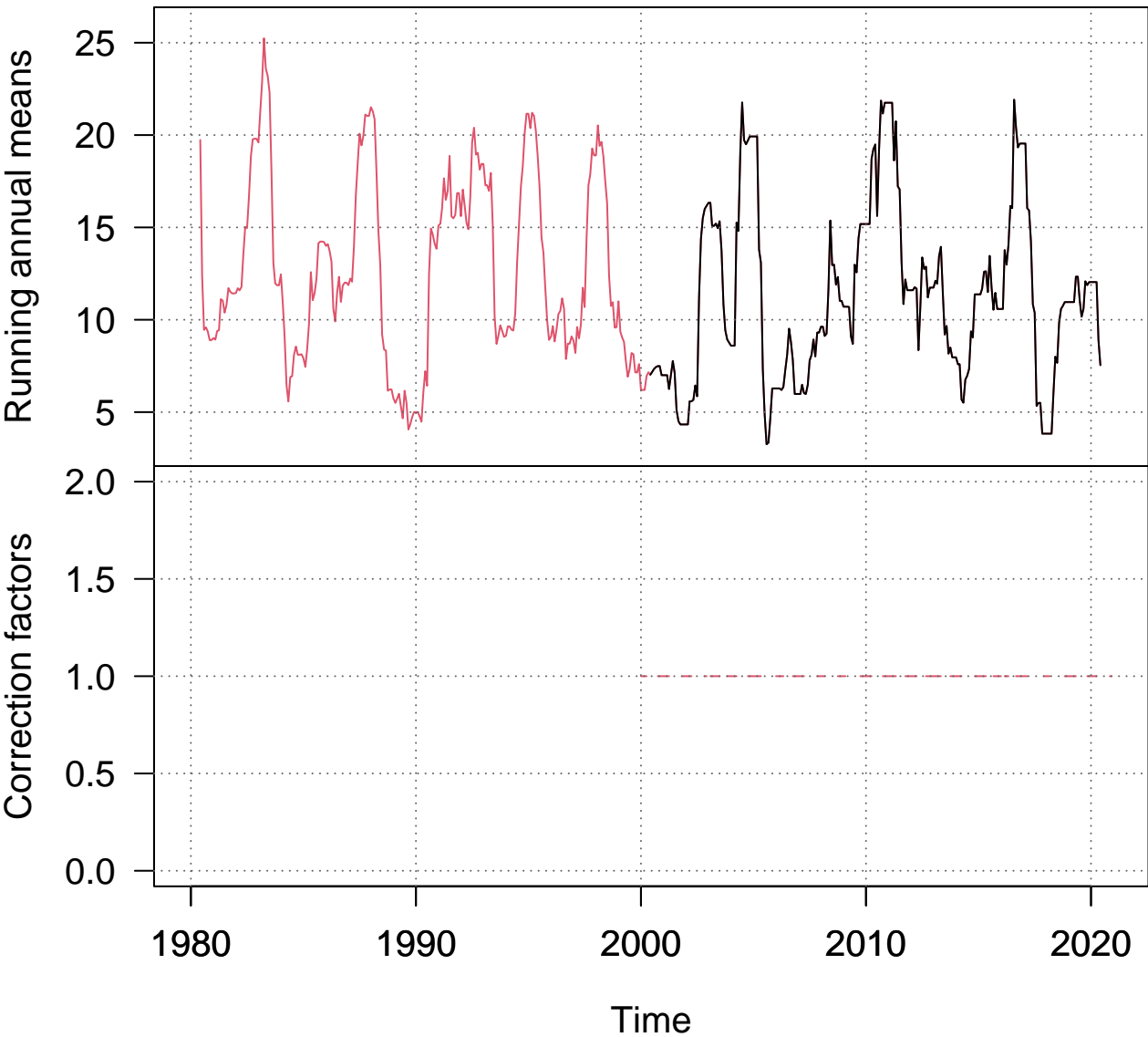
precipitacion 4 (2001) AGUACALIENTE



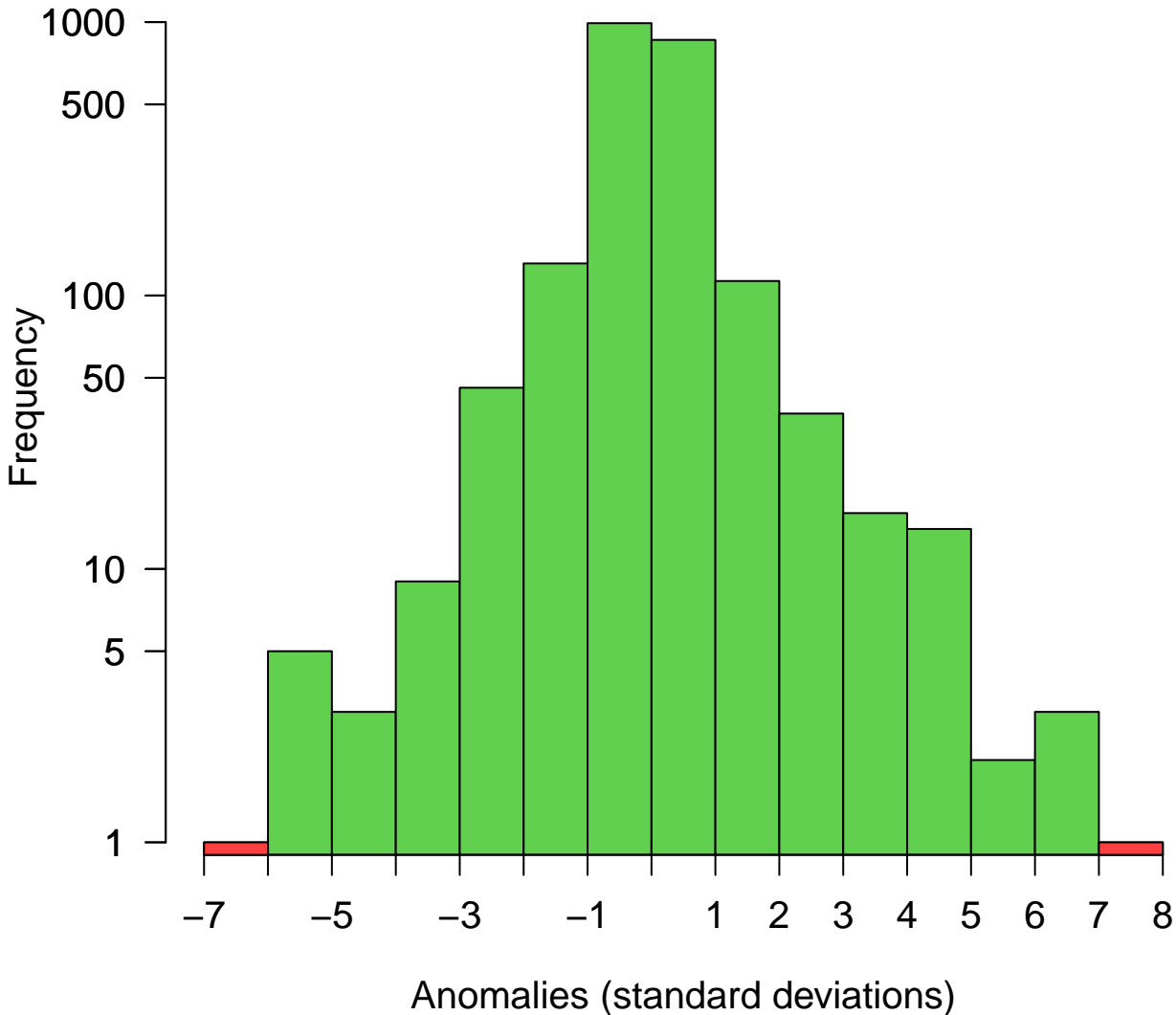
precipitacion 5 (2004)
IGNACIO_ZARAGOZA_BELEN



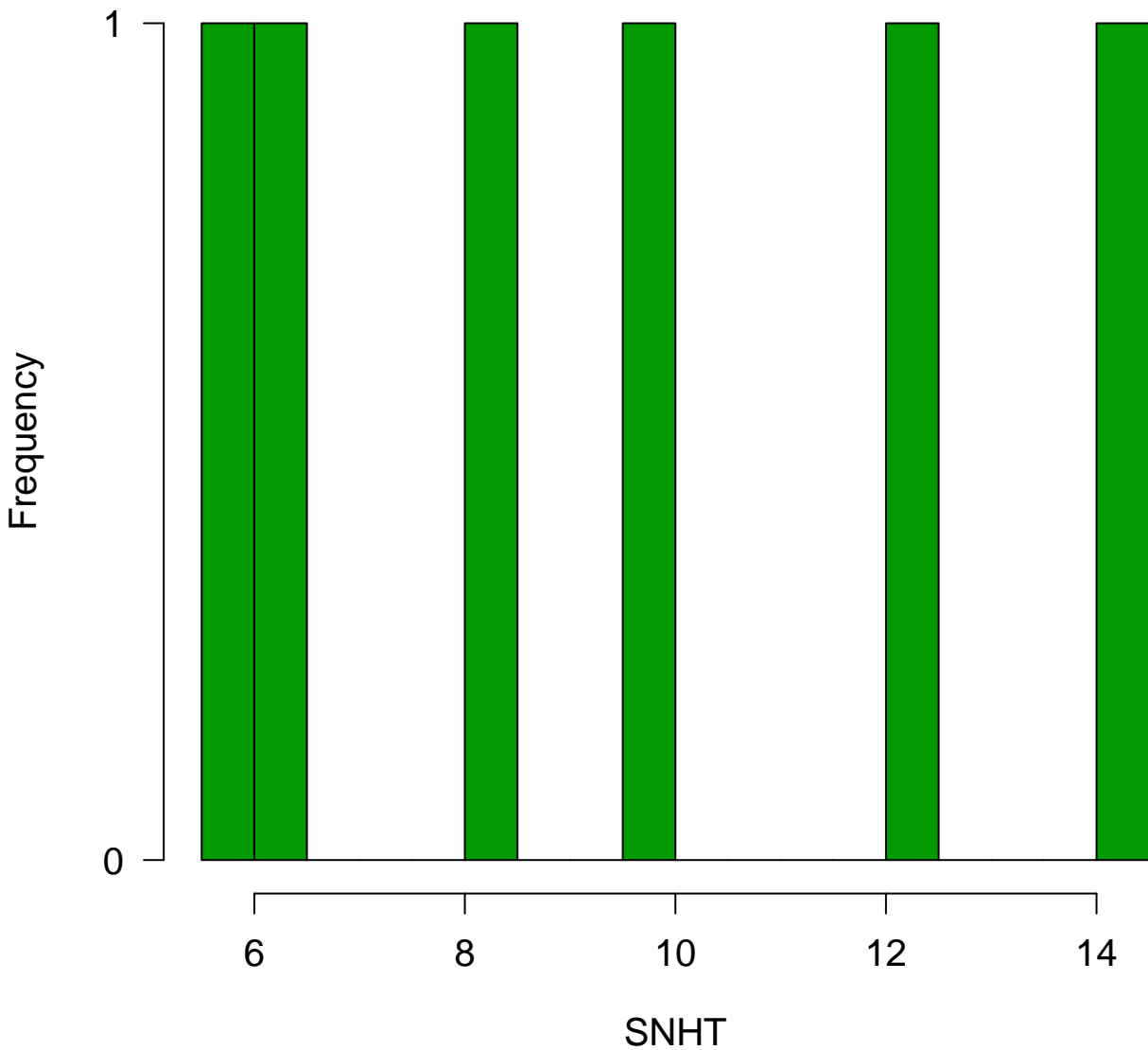
precipitacion 6 (2077) LA_MISION



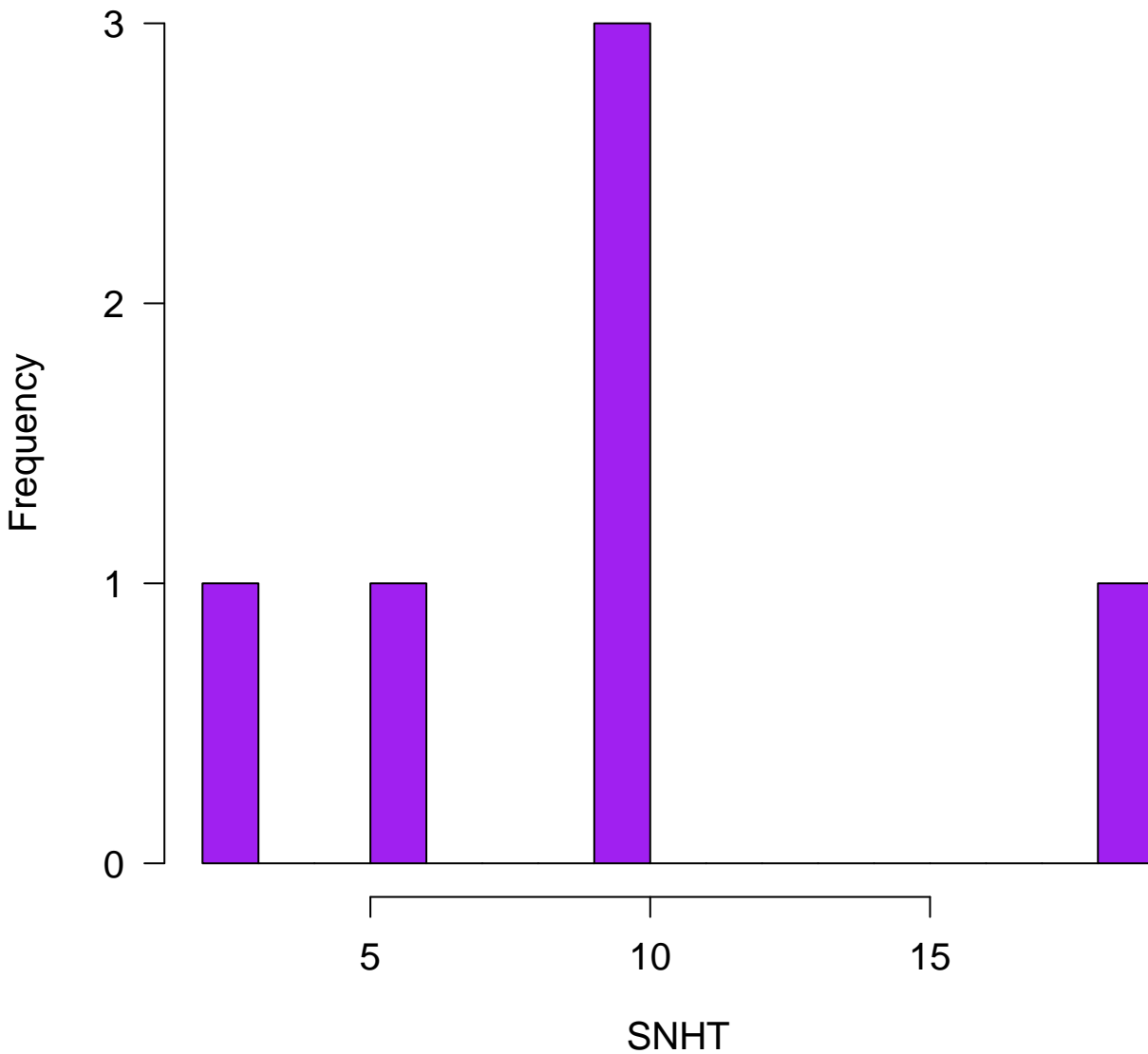
Histogram of standardized anomalies



Histogram of maximum windowed SNHT



Histogram of maximum global SNHT



Station's quality/singularity

