

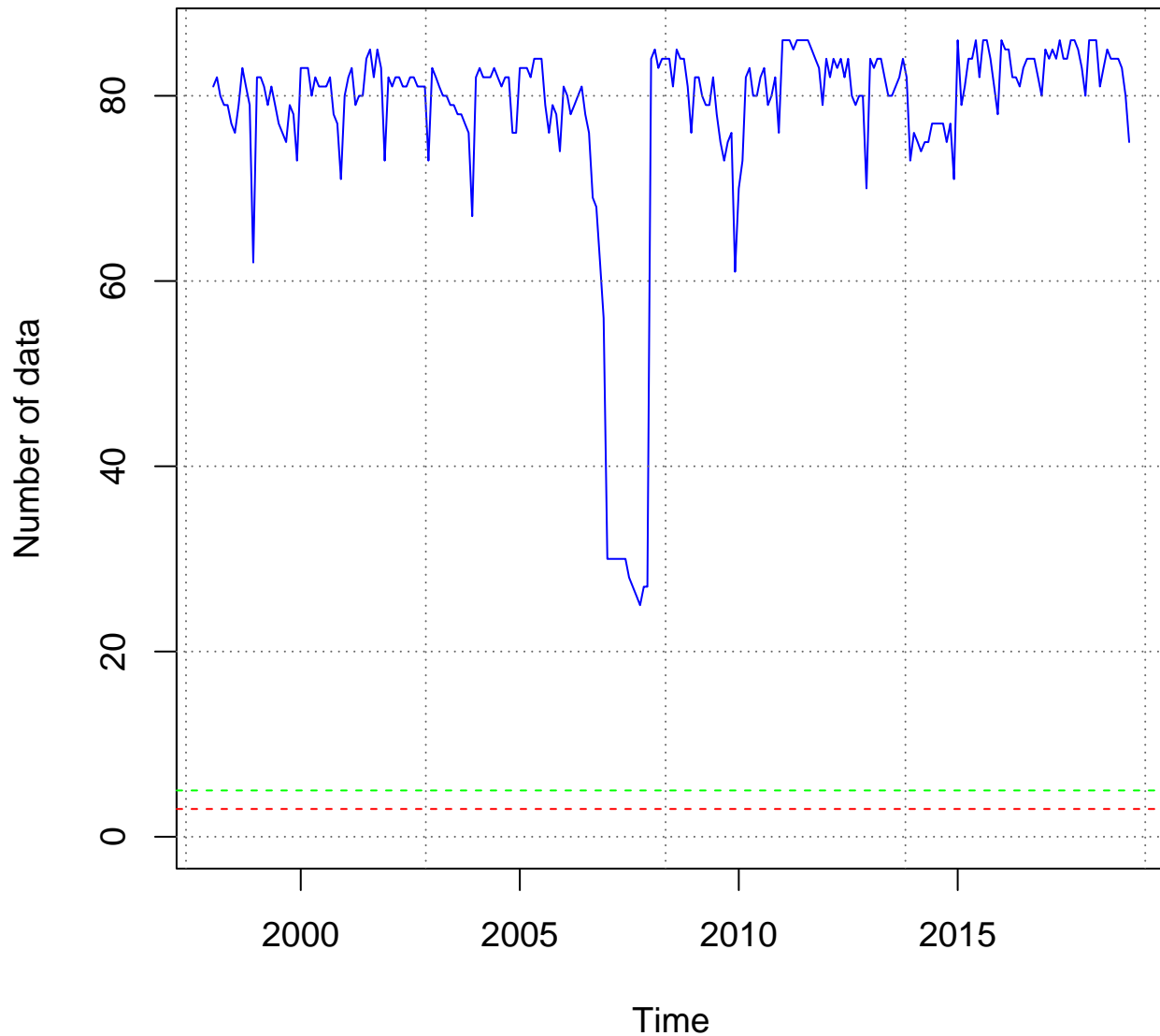
CLIMATOL 3.1.1

Homogenization
graphic output of
Rmon
1998–2018

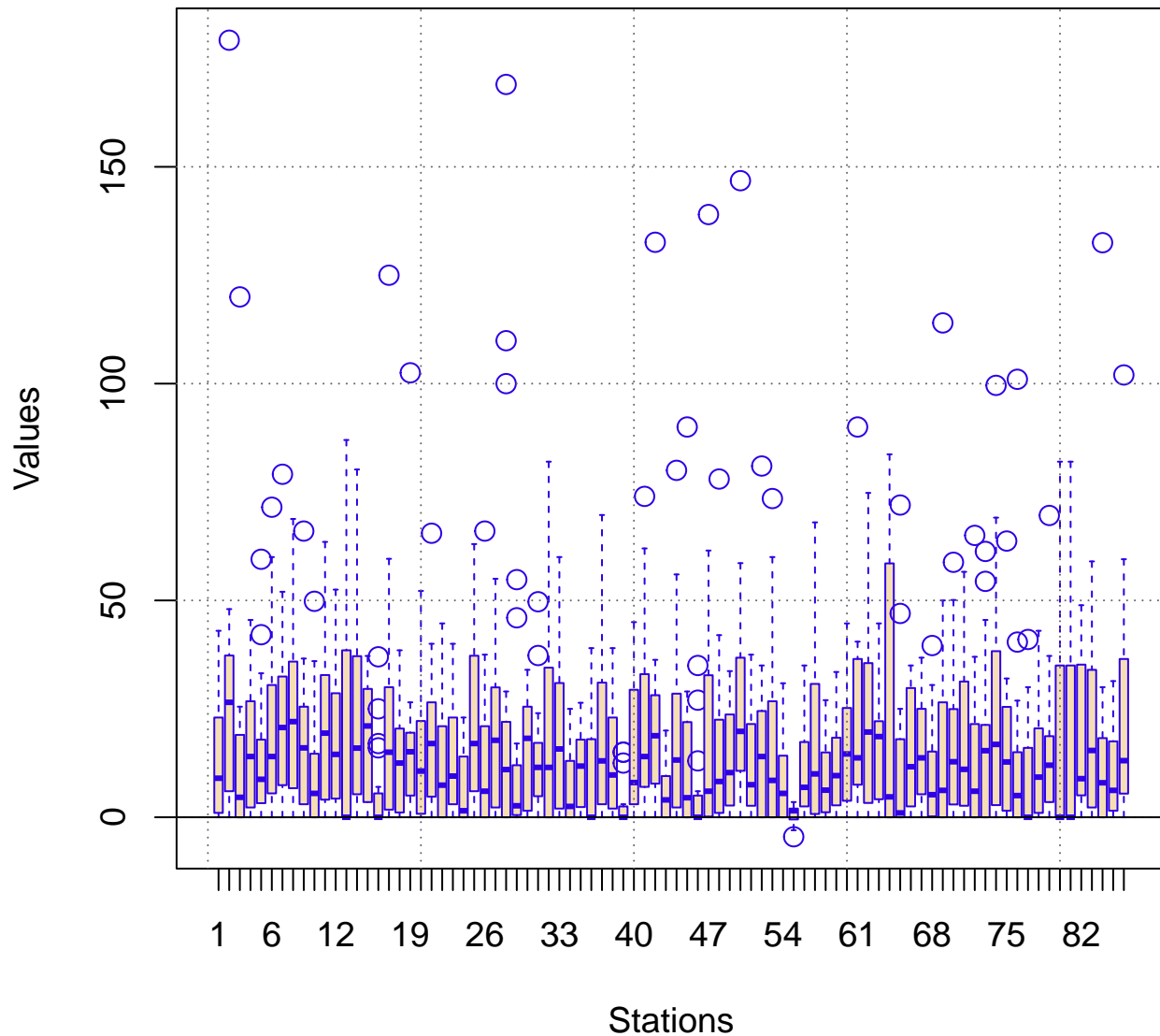
Rmon data availability



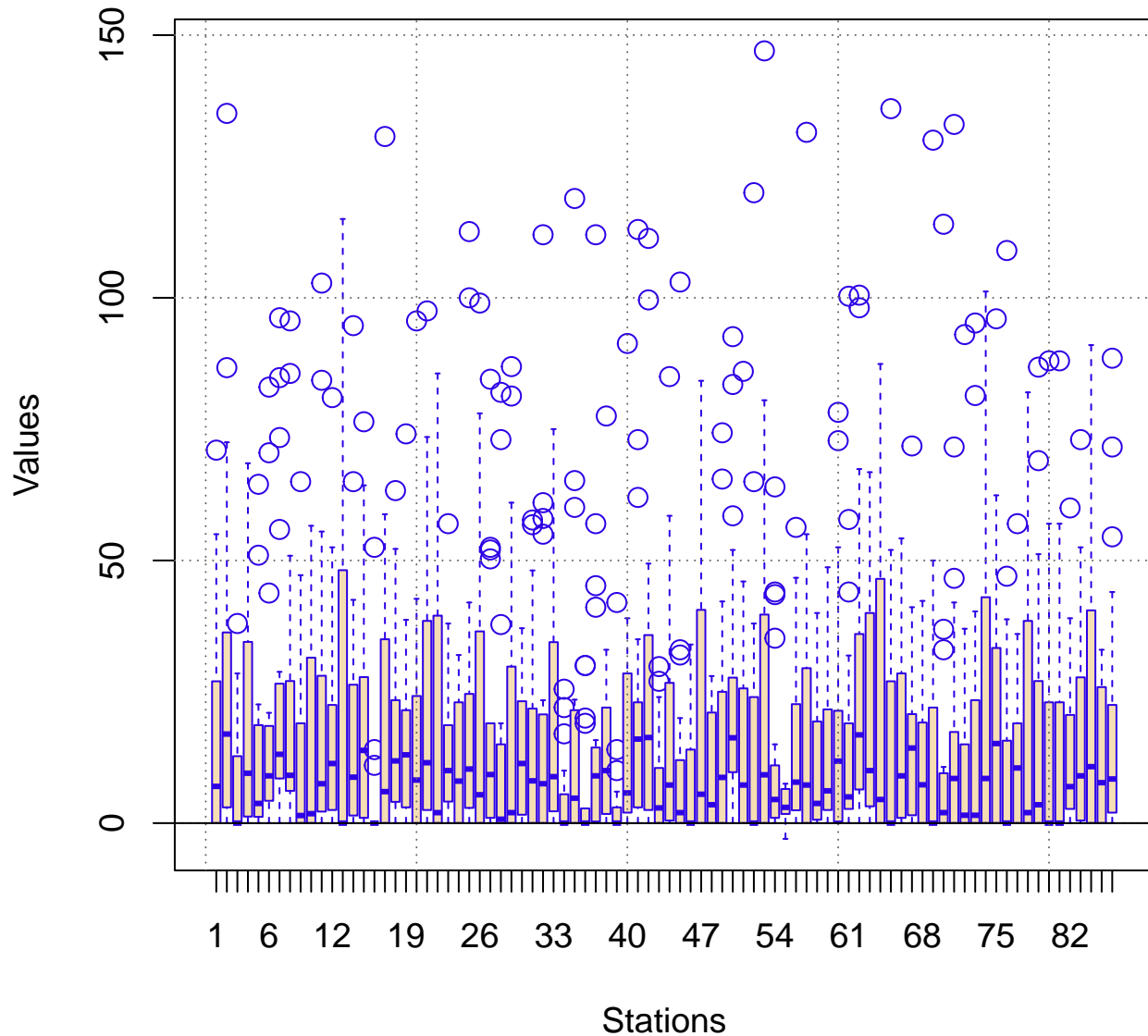
Number of Rmon data in all stations



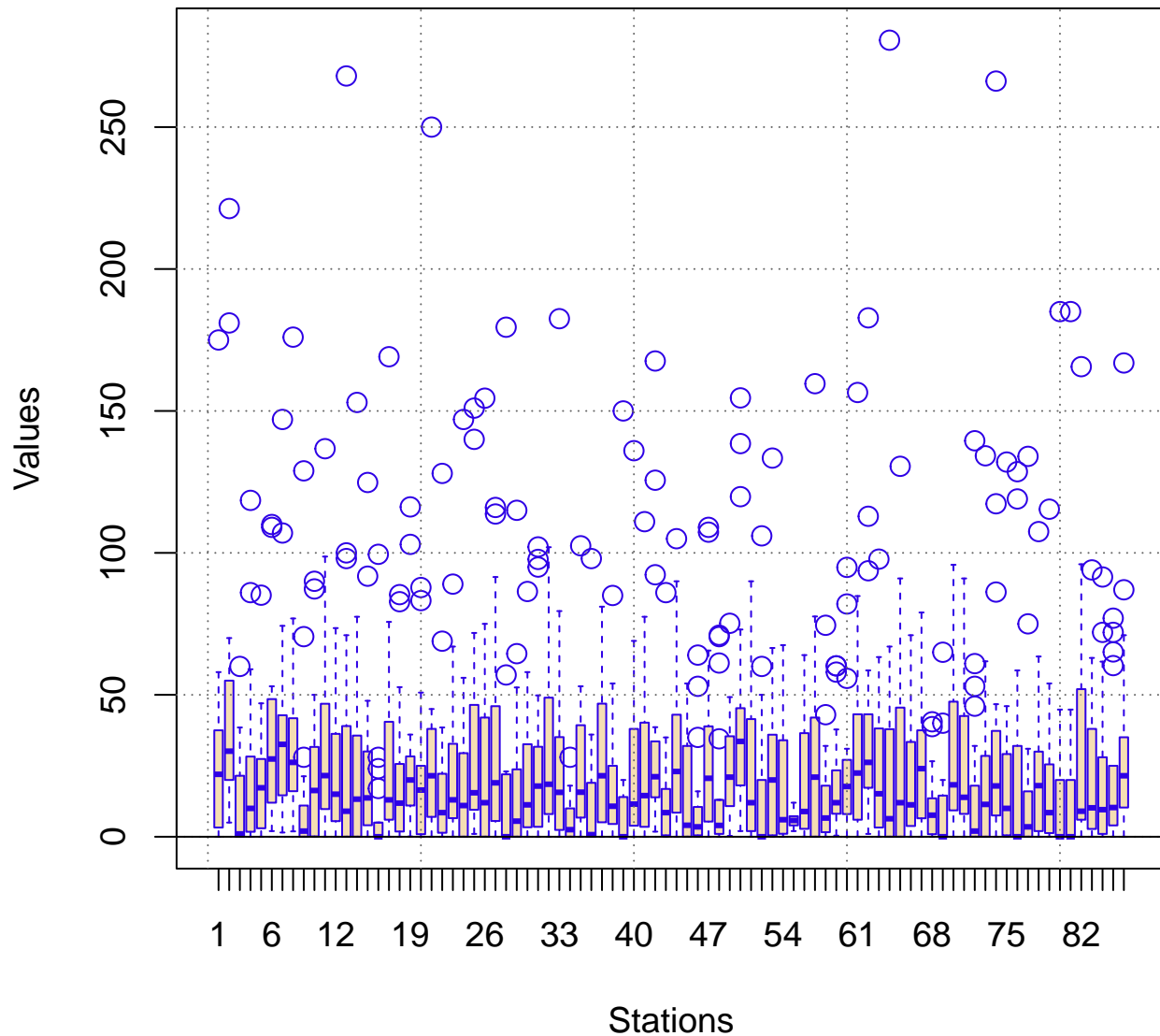
Data values of Rmon (Jan)



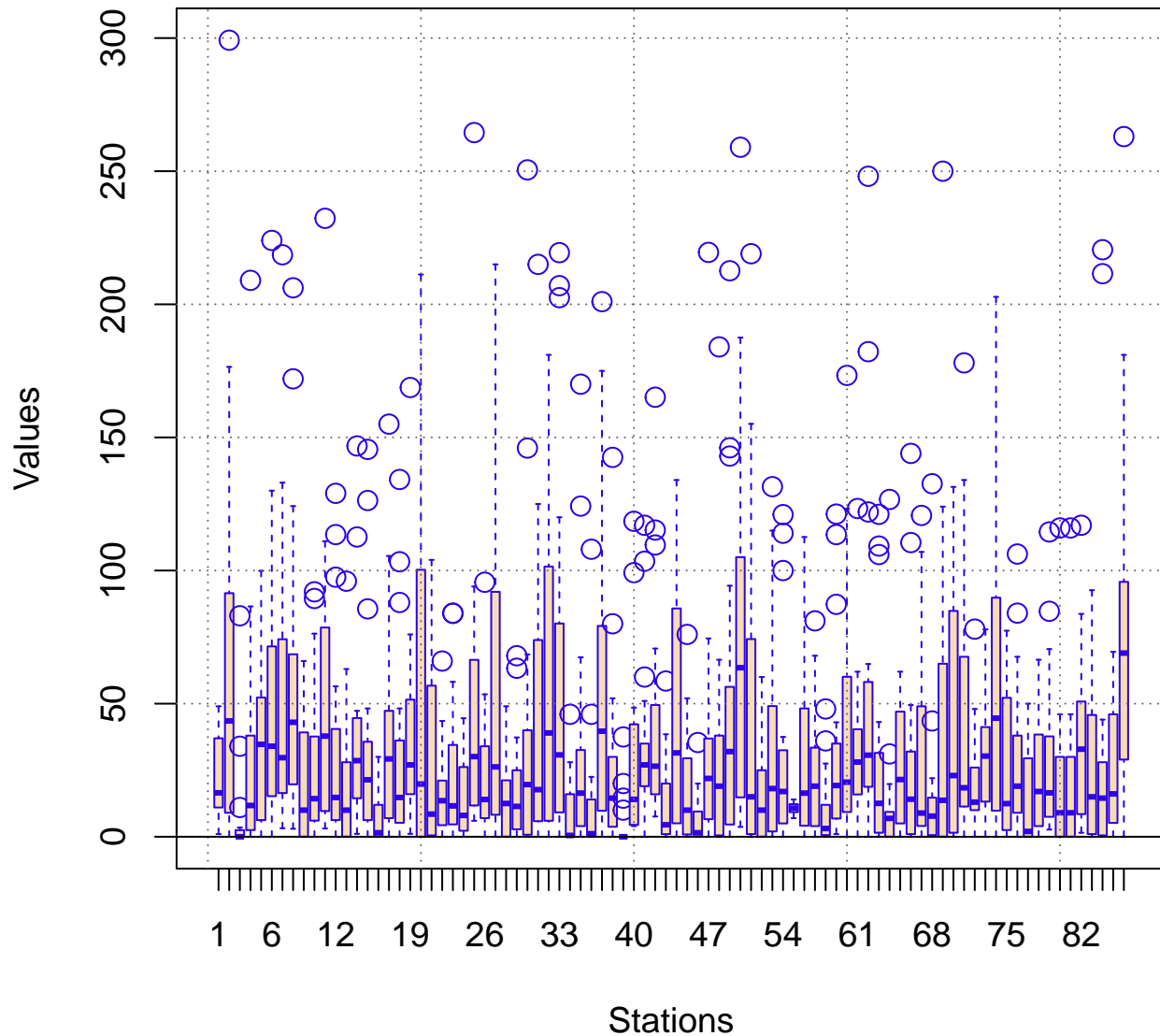
Data values of Rmon (Feb)



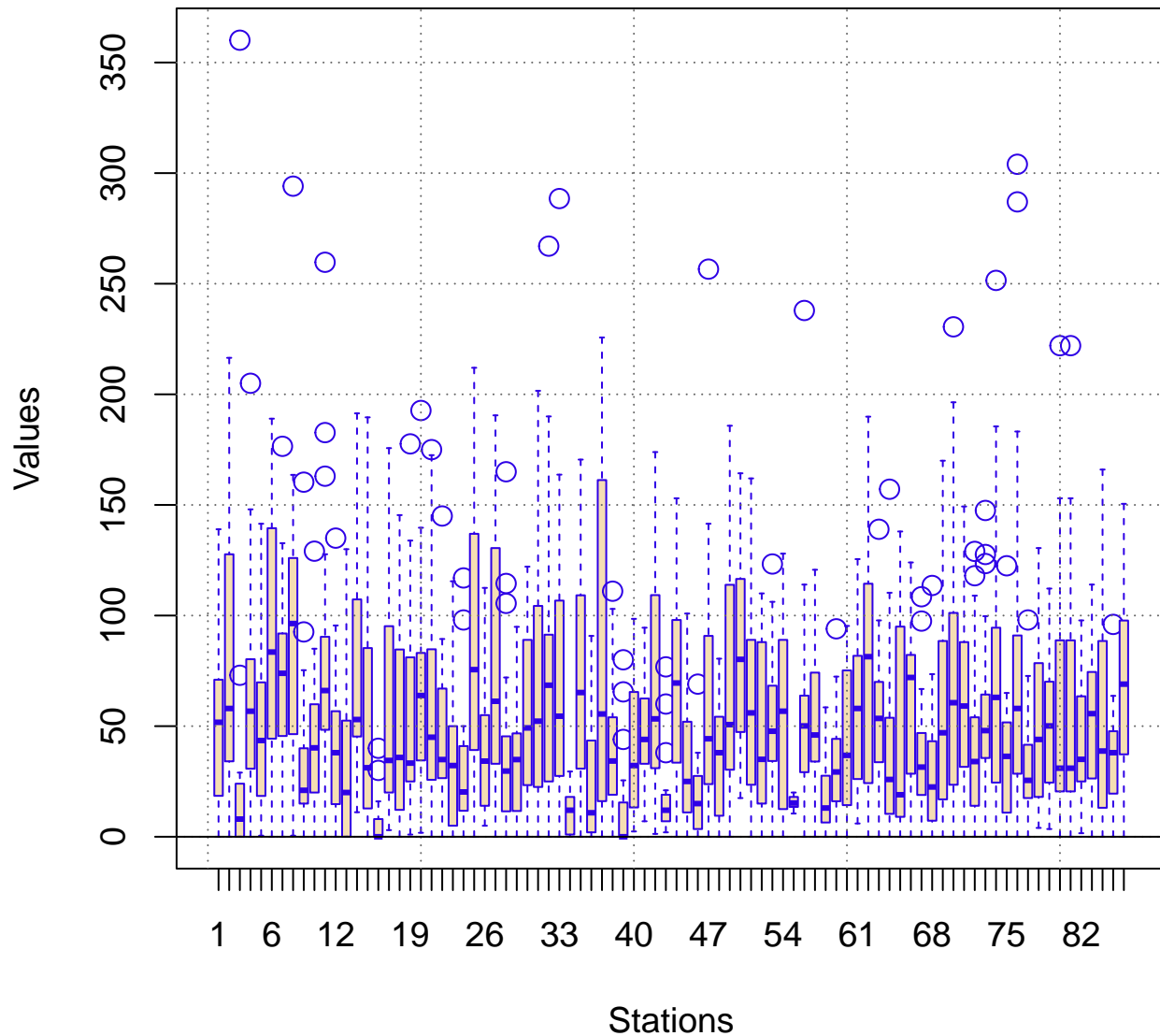
Data values of Rmon (Mar)



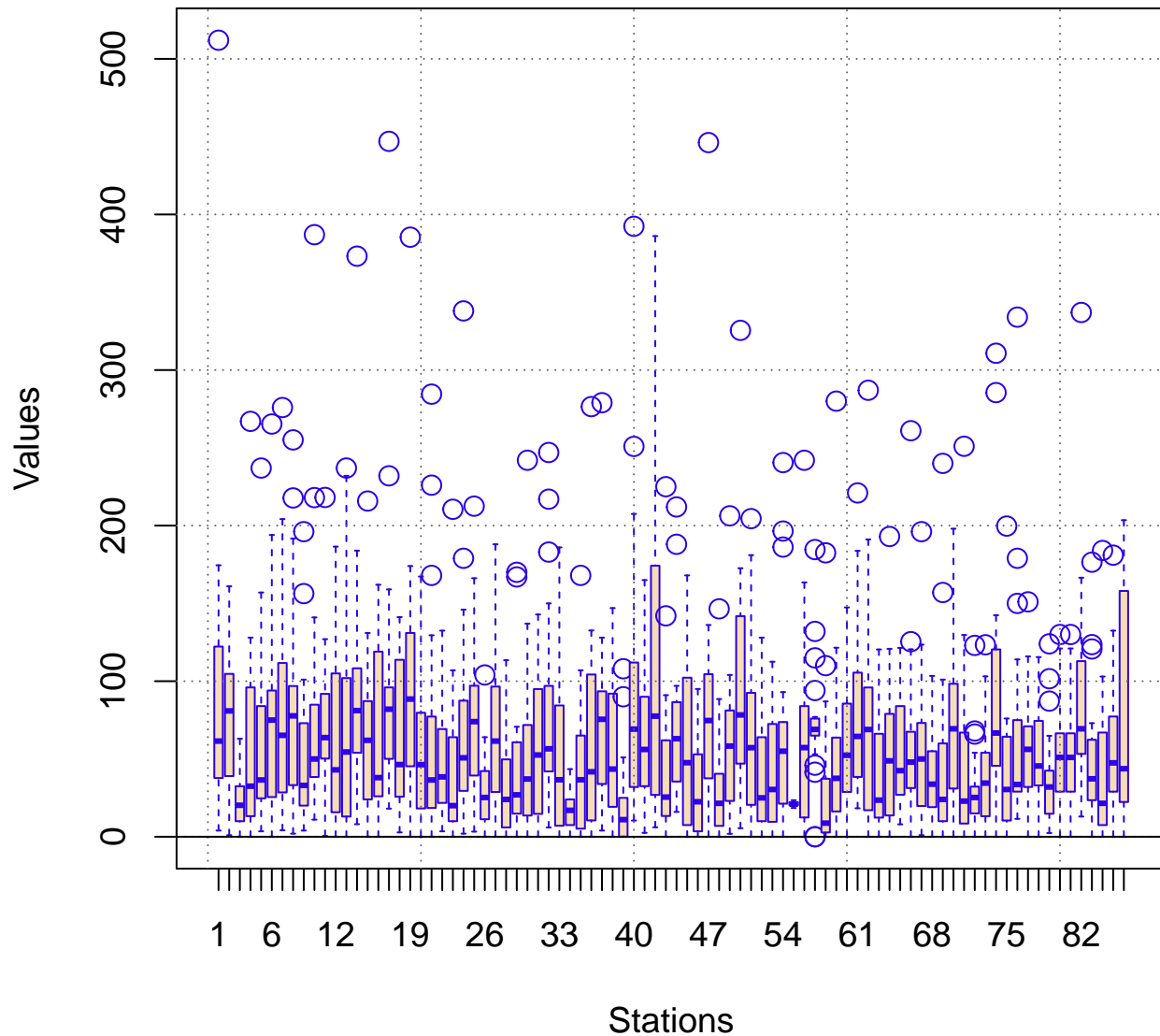
Data values of Rmon (Apr)



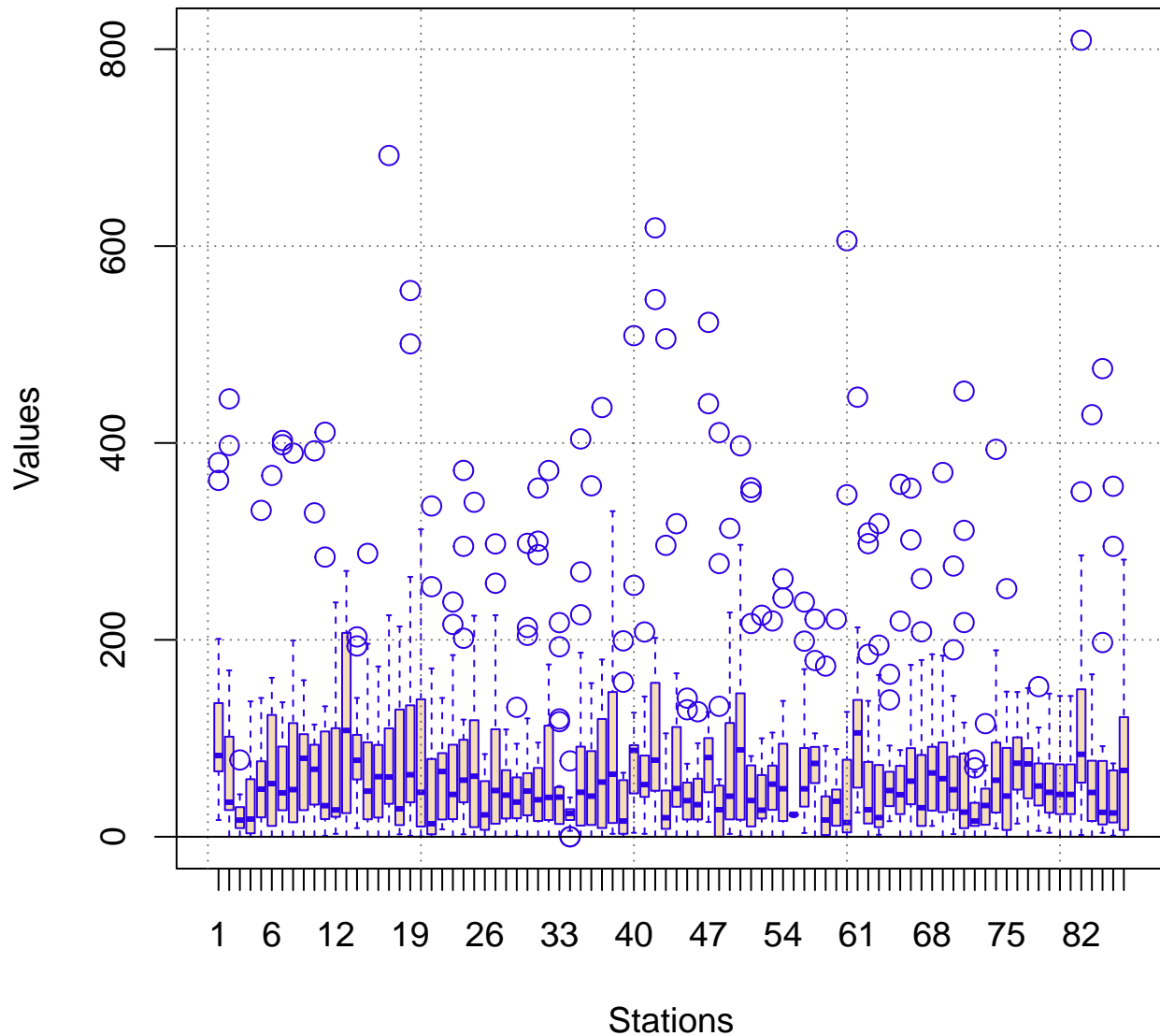
Data values of Rmon (May)



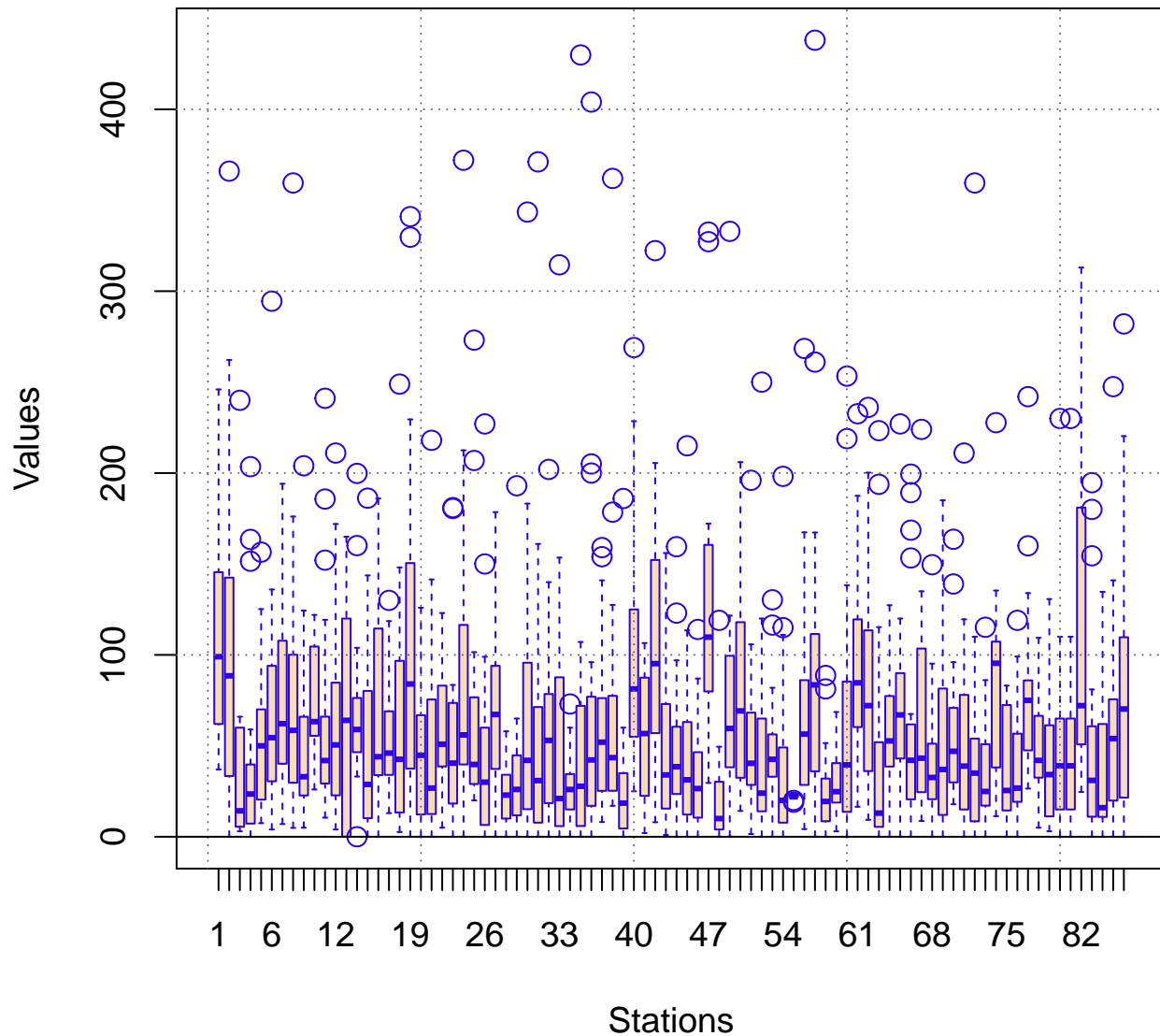
Data values of Rmon (Jun)



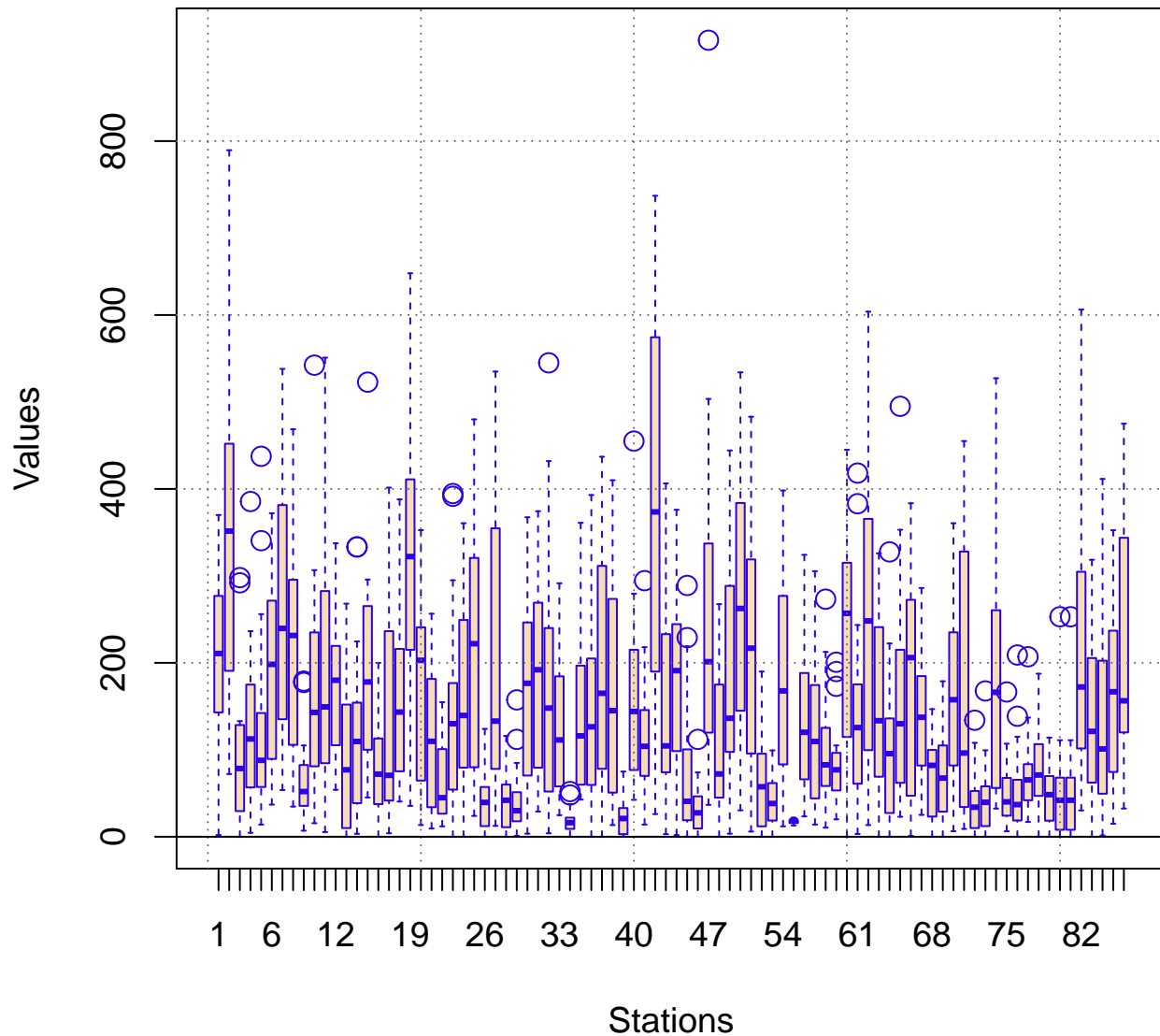
Data values of Rmon (Jul)



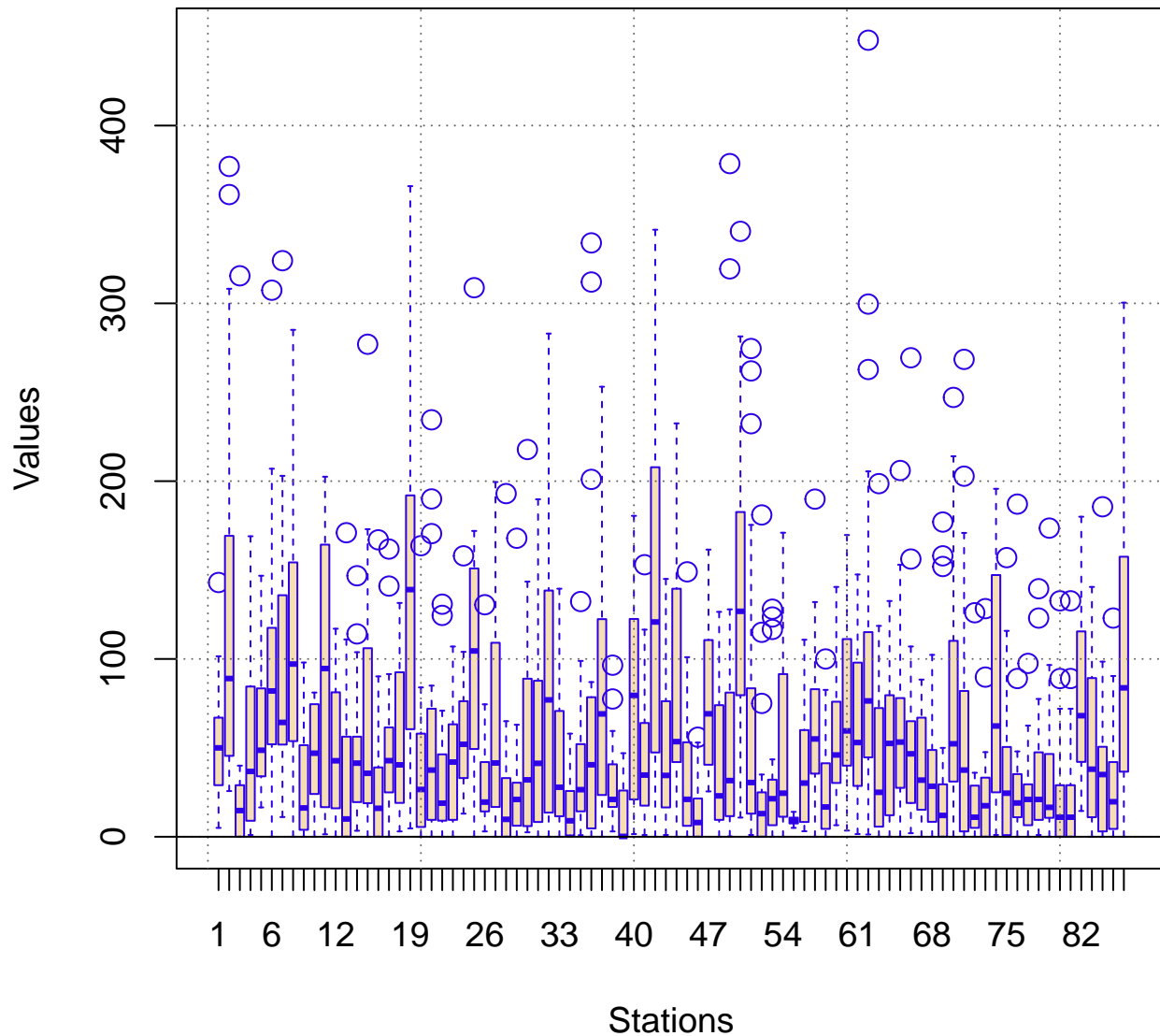
Data values of Rmon (Aug)



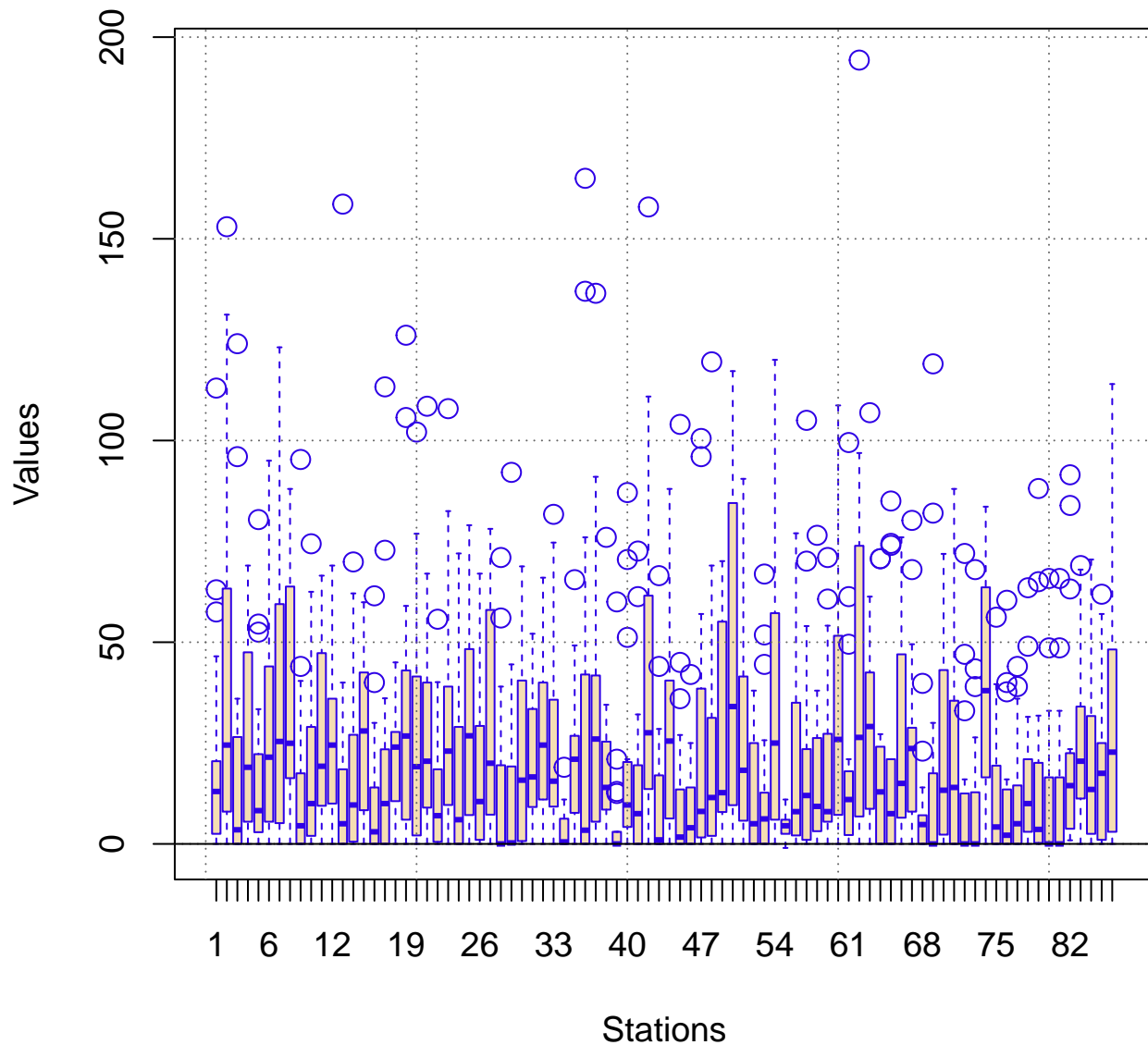
Data values of Rmon (Sep)



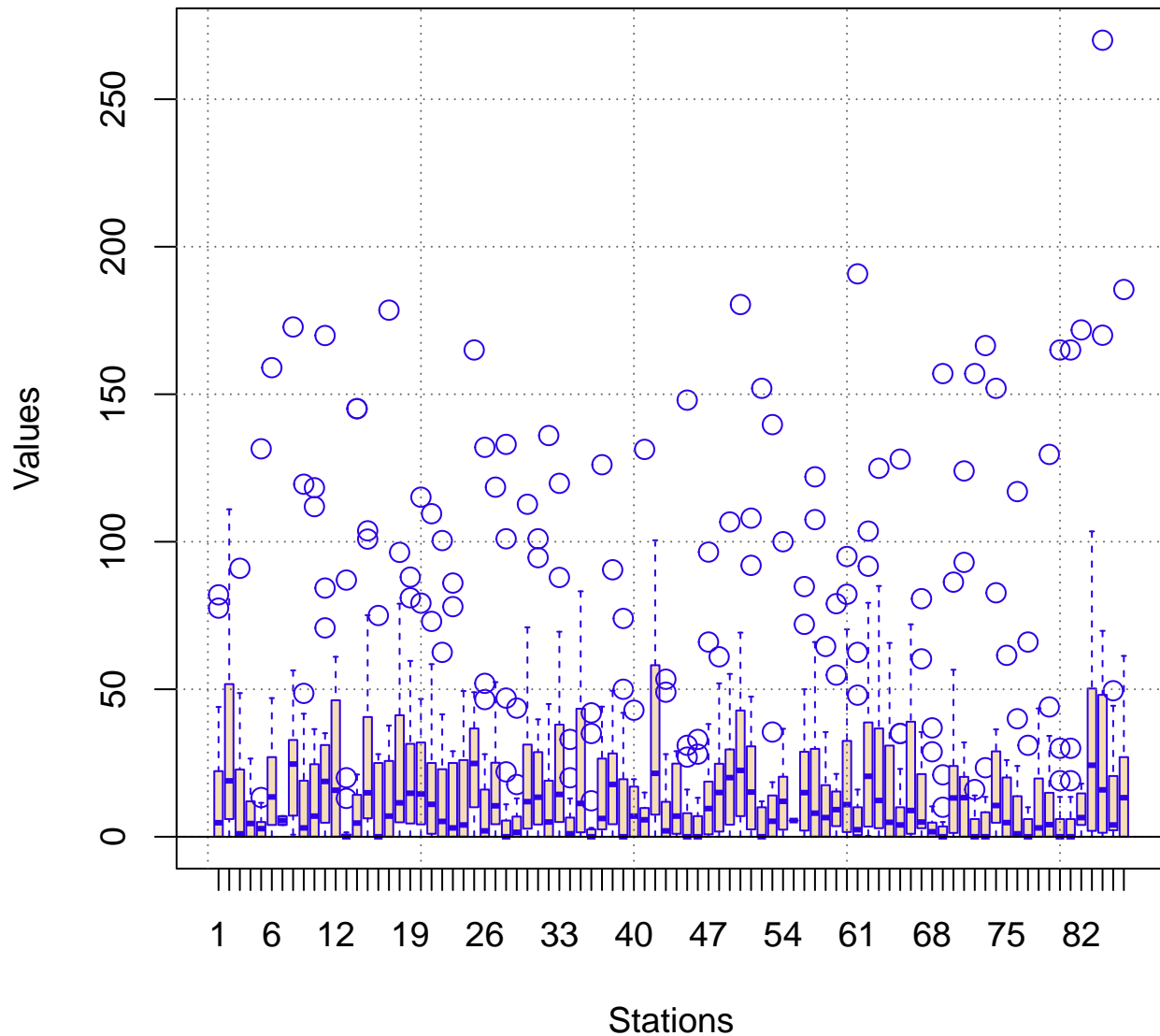
Data values of Rmon (Oct)



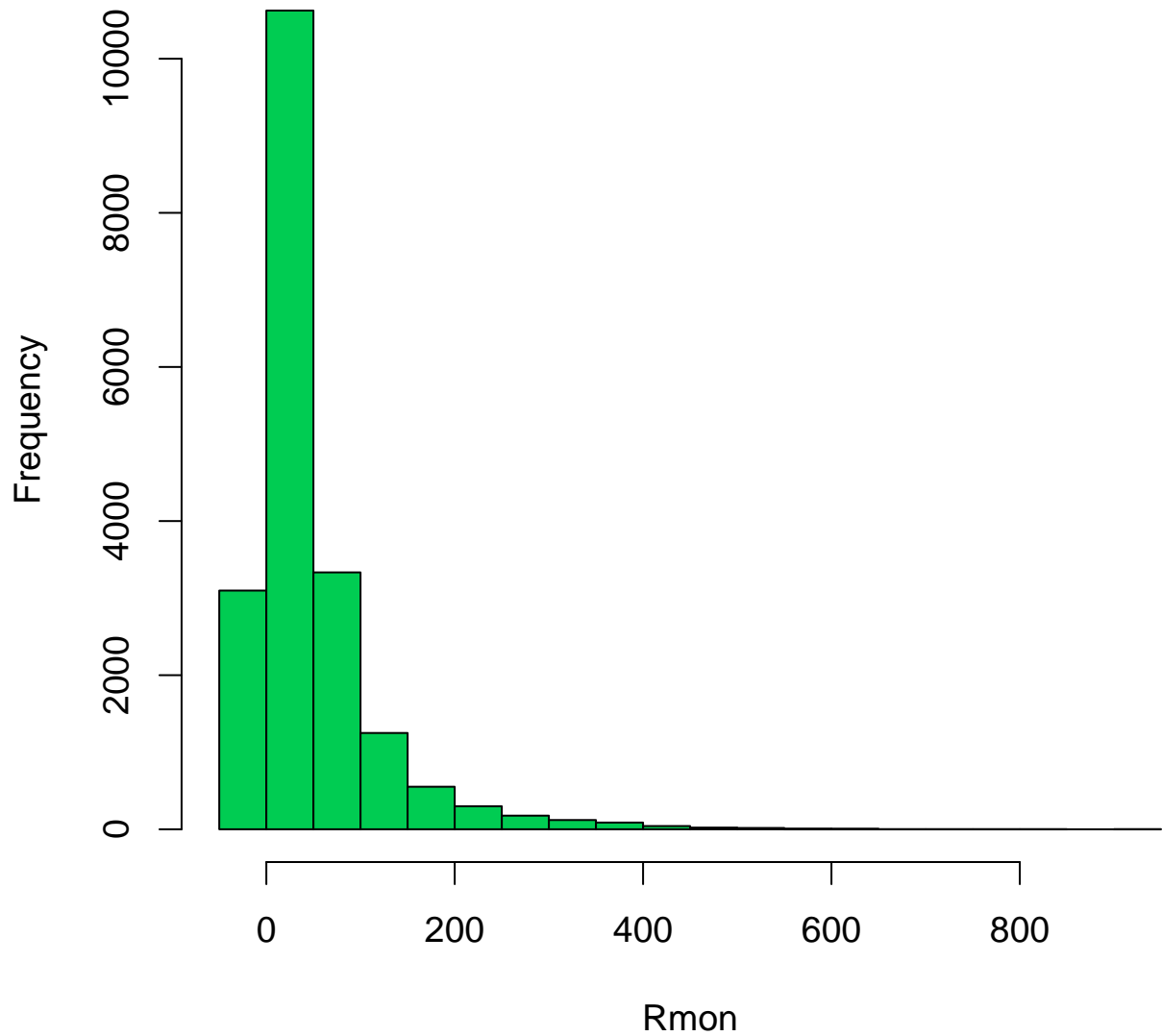
Data values of Rmon (Nov)



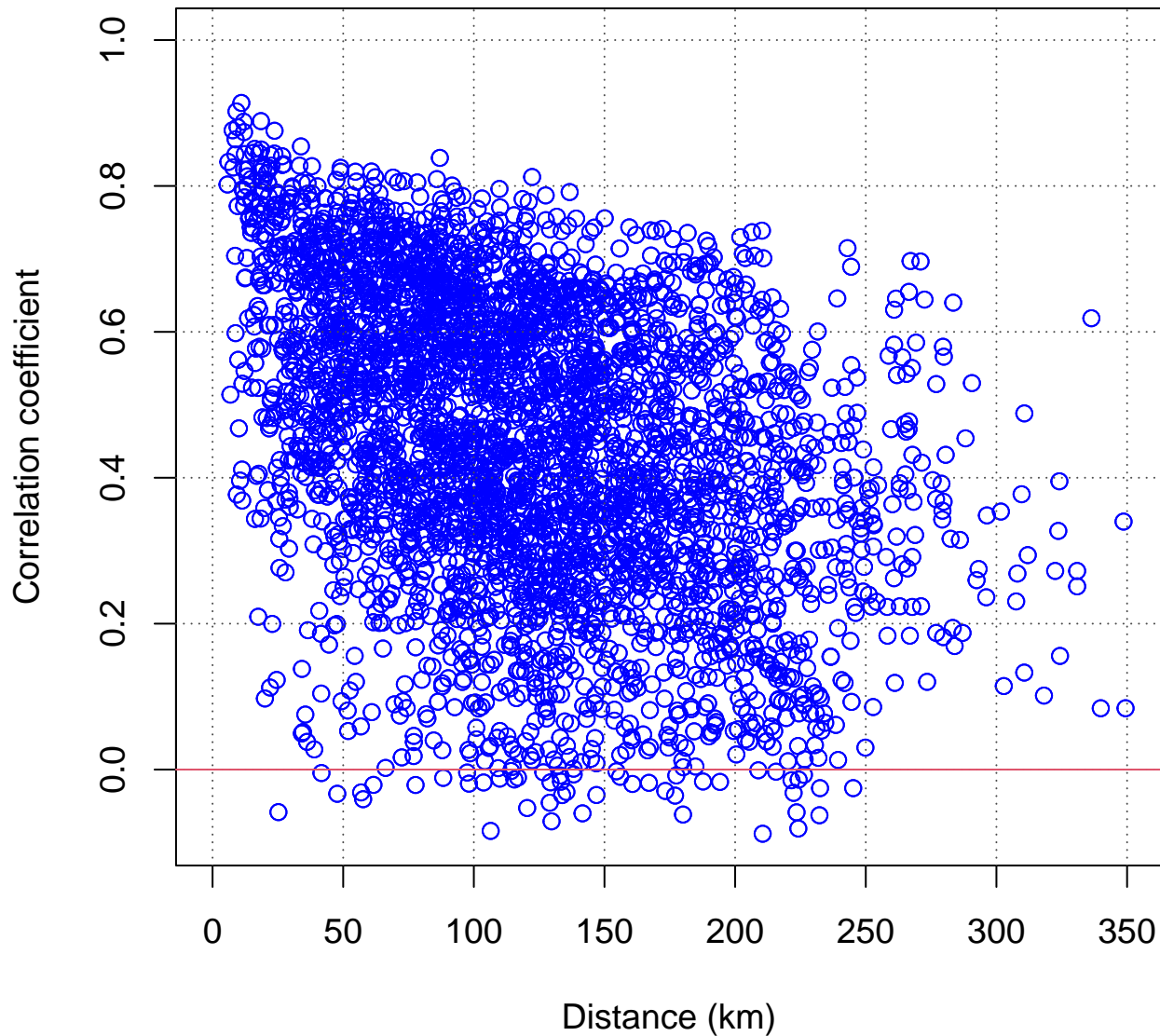
Data values of Rmon (Dec)



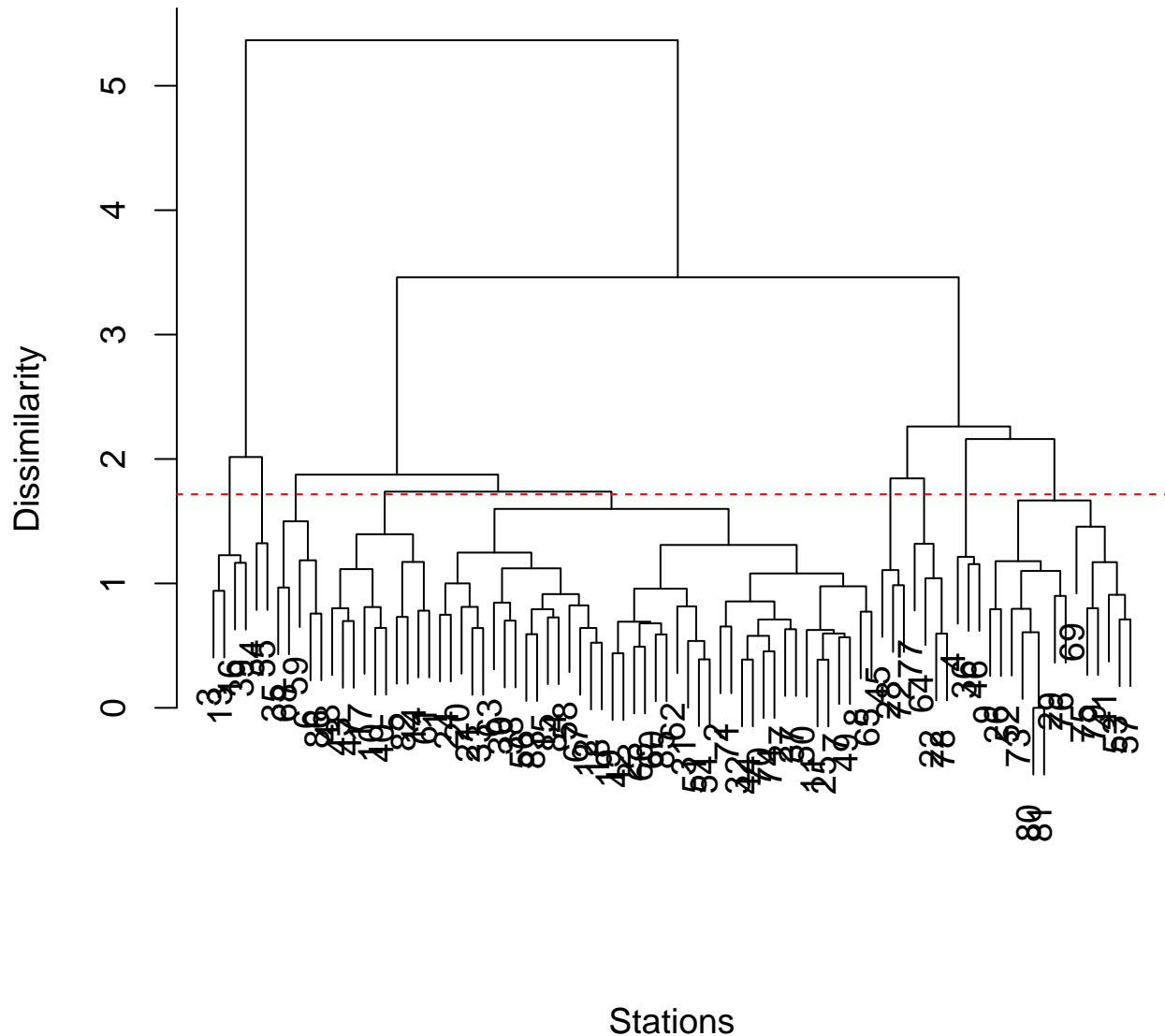
Histogram of all data



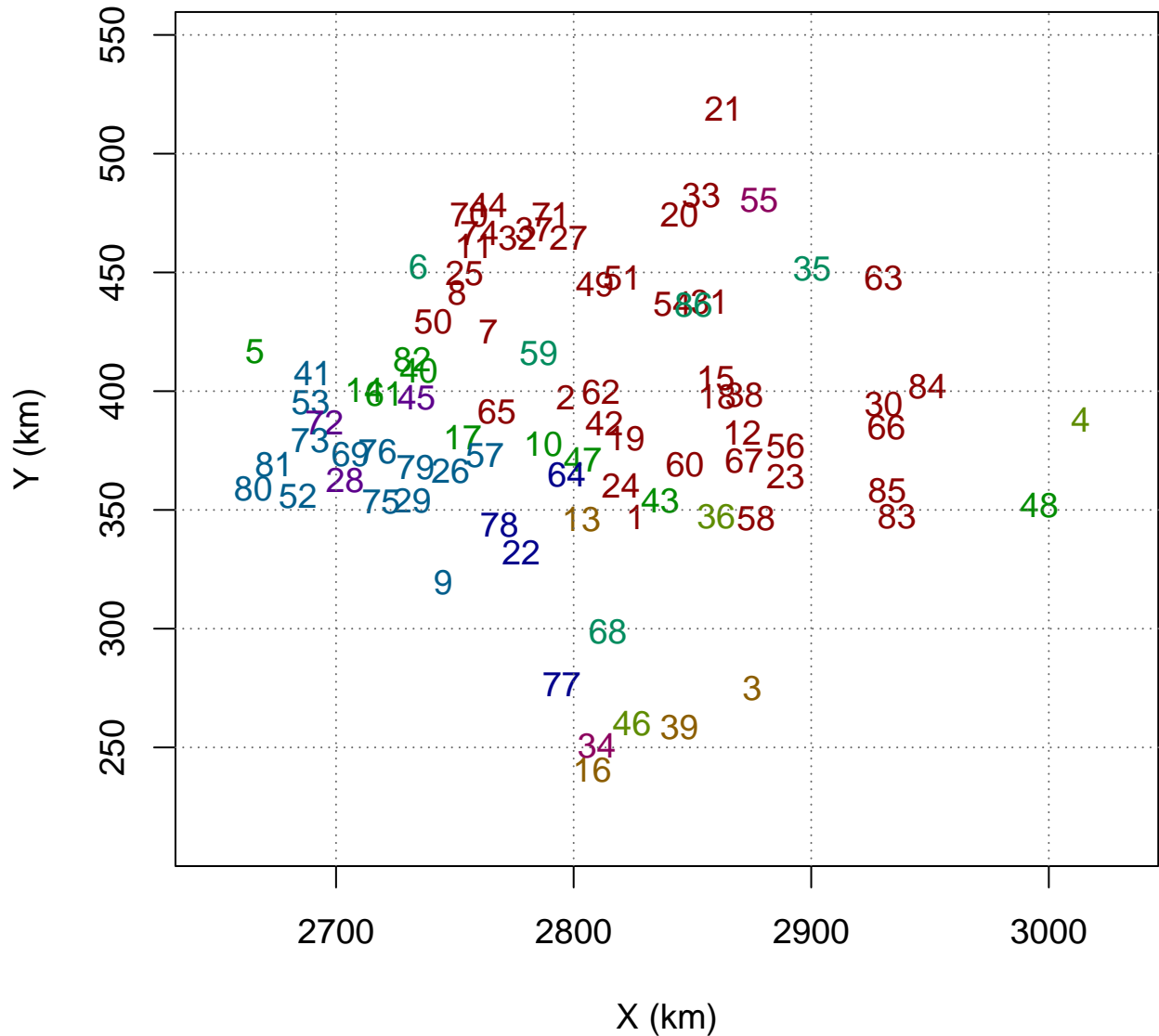
Correlogram of first difference series



Dendrogram of station clusters



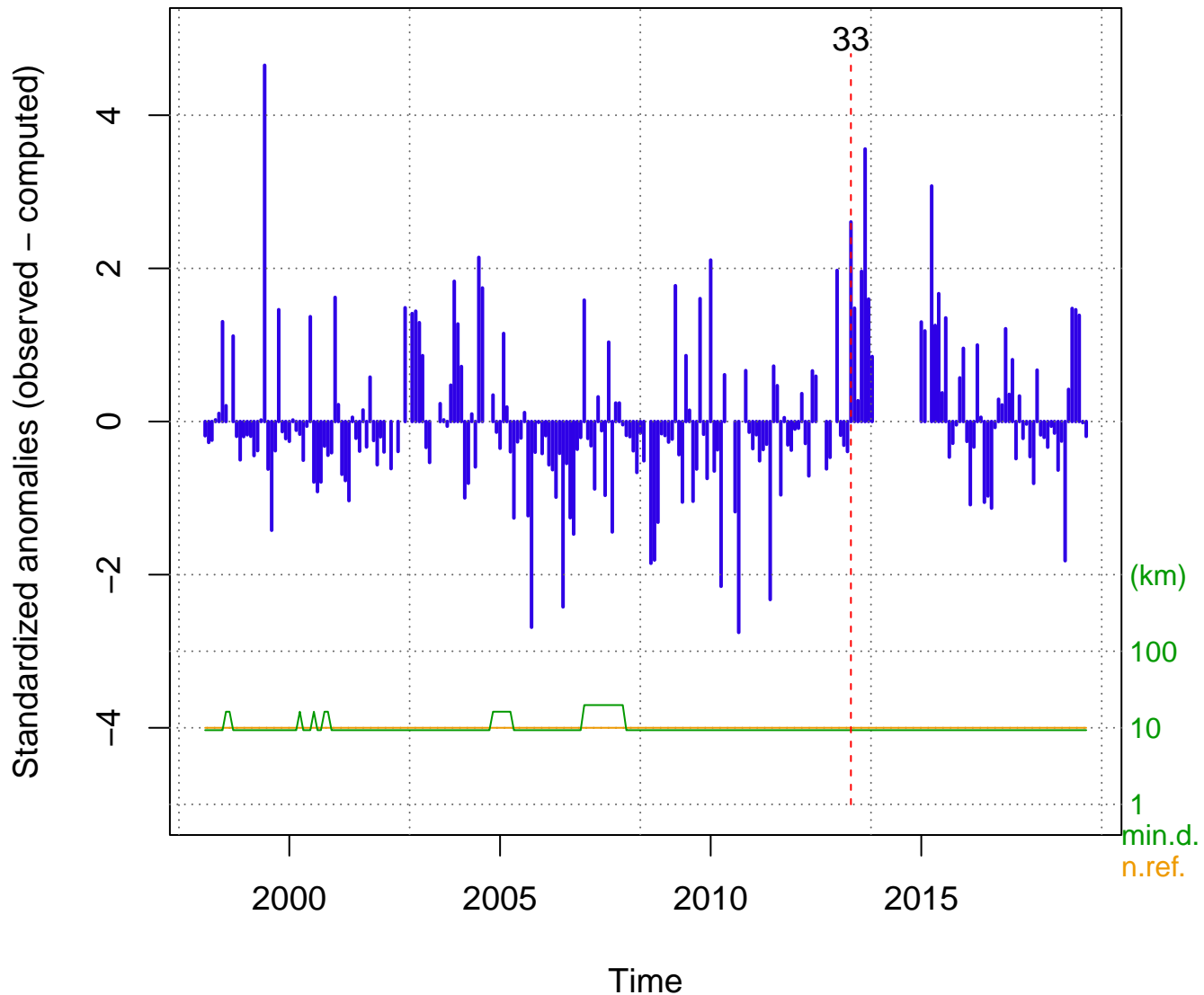
Rmon station locations (9 clusters)



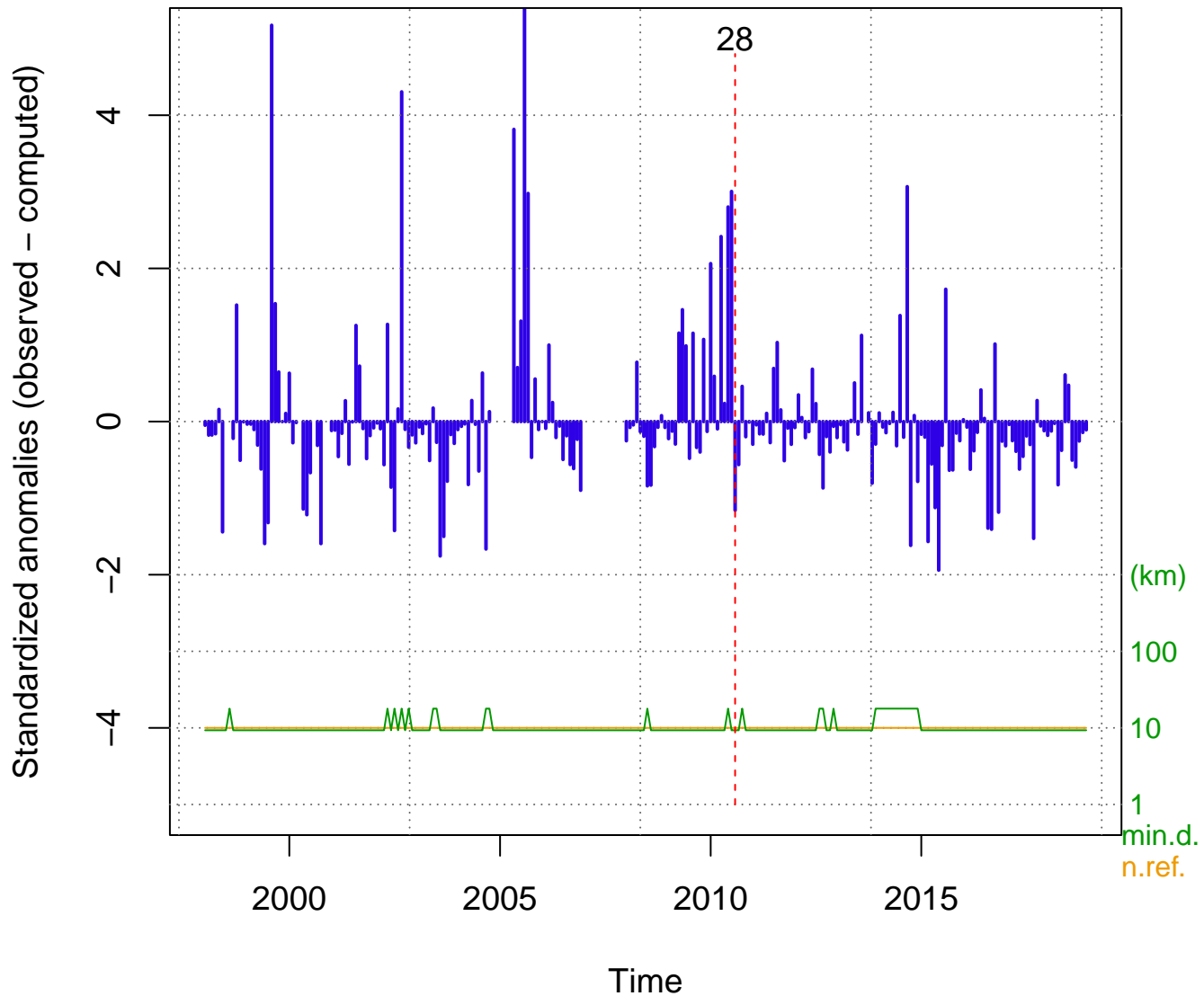
Stage 1

Binary splits on 60 term
stepped windows
with $\text{SNHT} > 25$
and $\text{wd} = 0 \text{ km}$

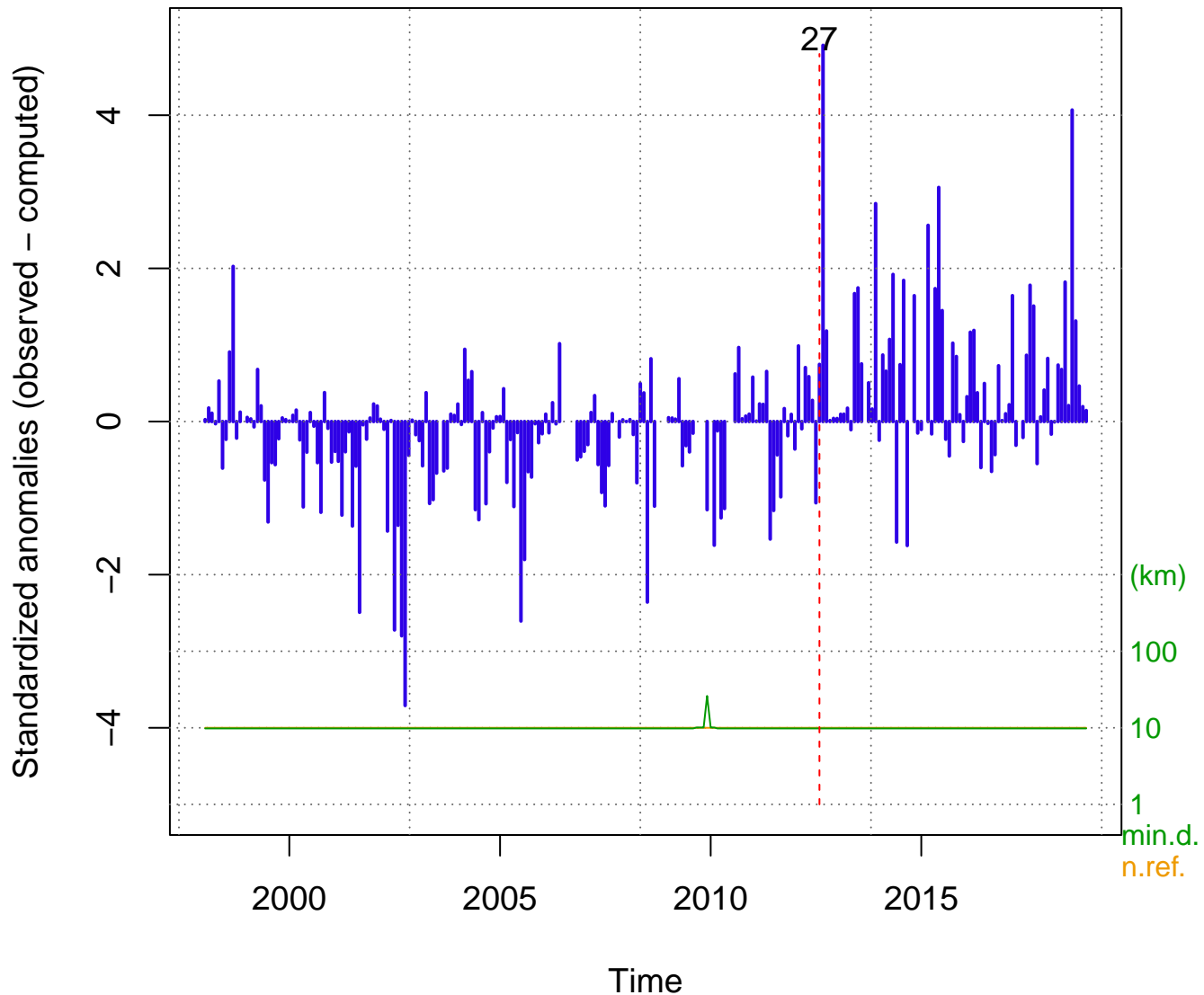
Rmon 64 (5148) POTRERO DE ABREGO



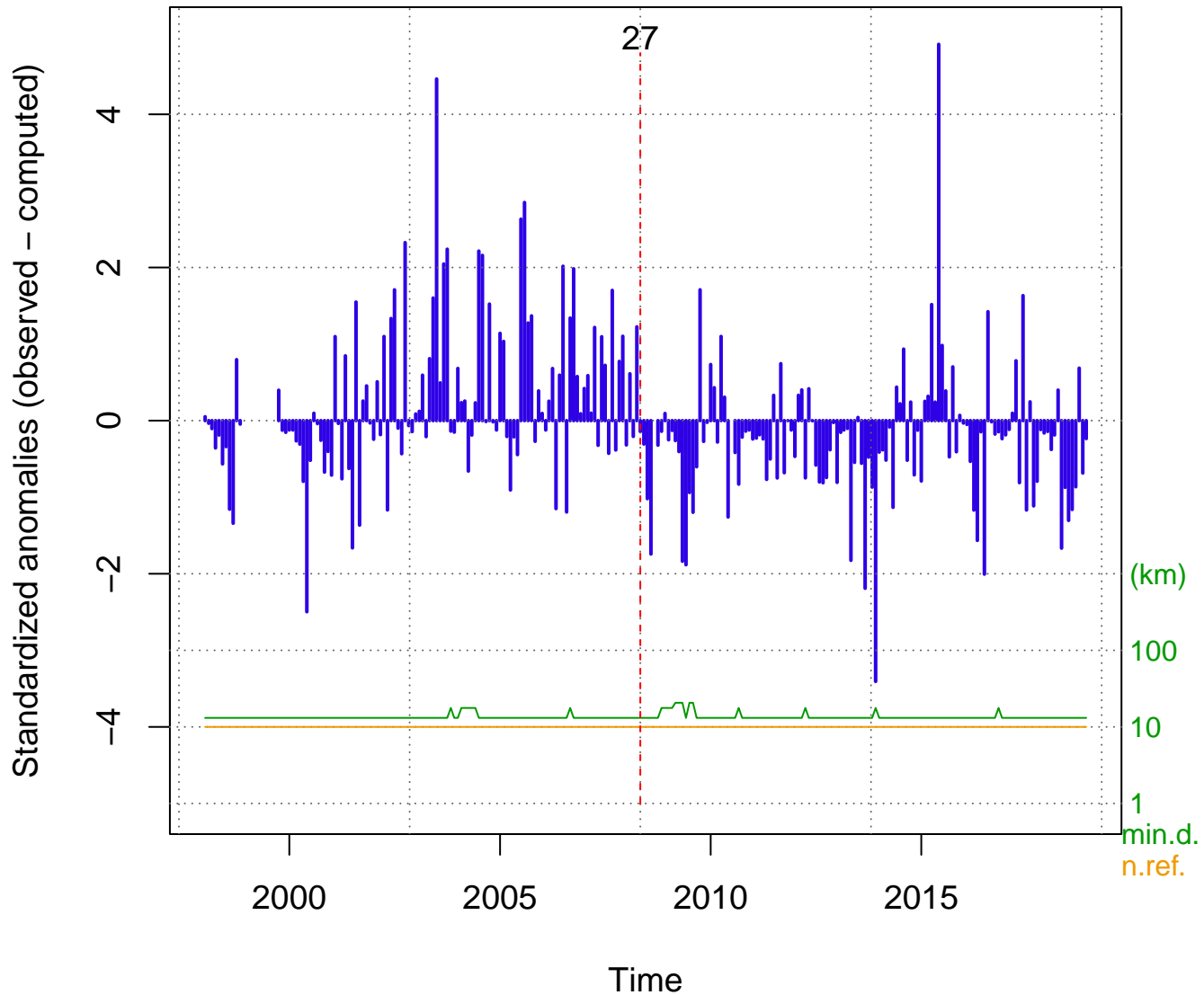
Rmon 47 (19033) LAGUNA DE SANCHEZ



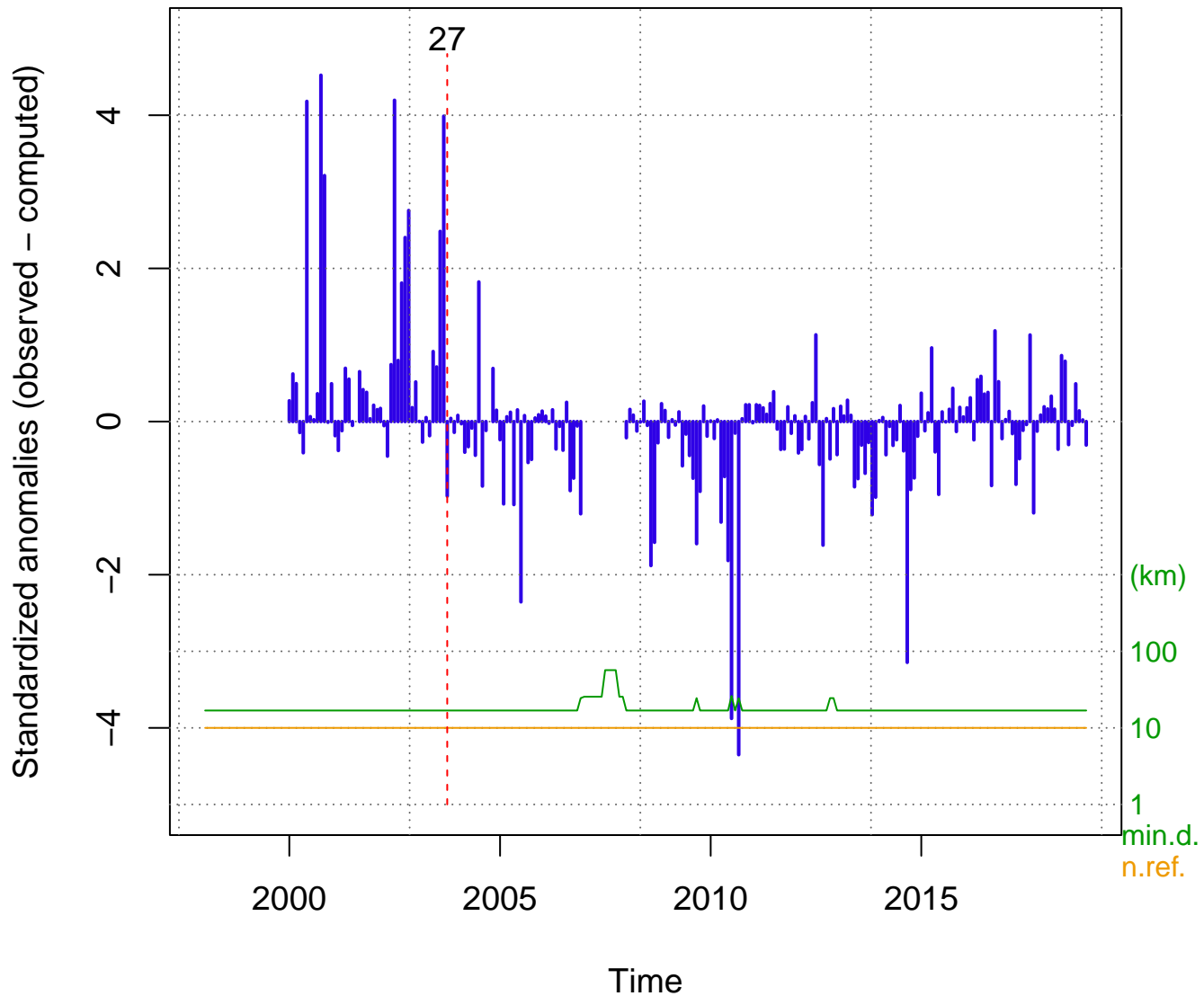
Rmon 72 (19135)
SAN FRANCISCO DE BERLANGA



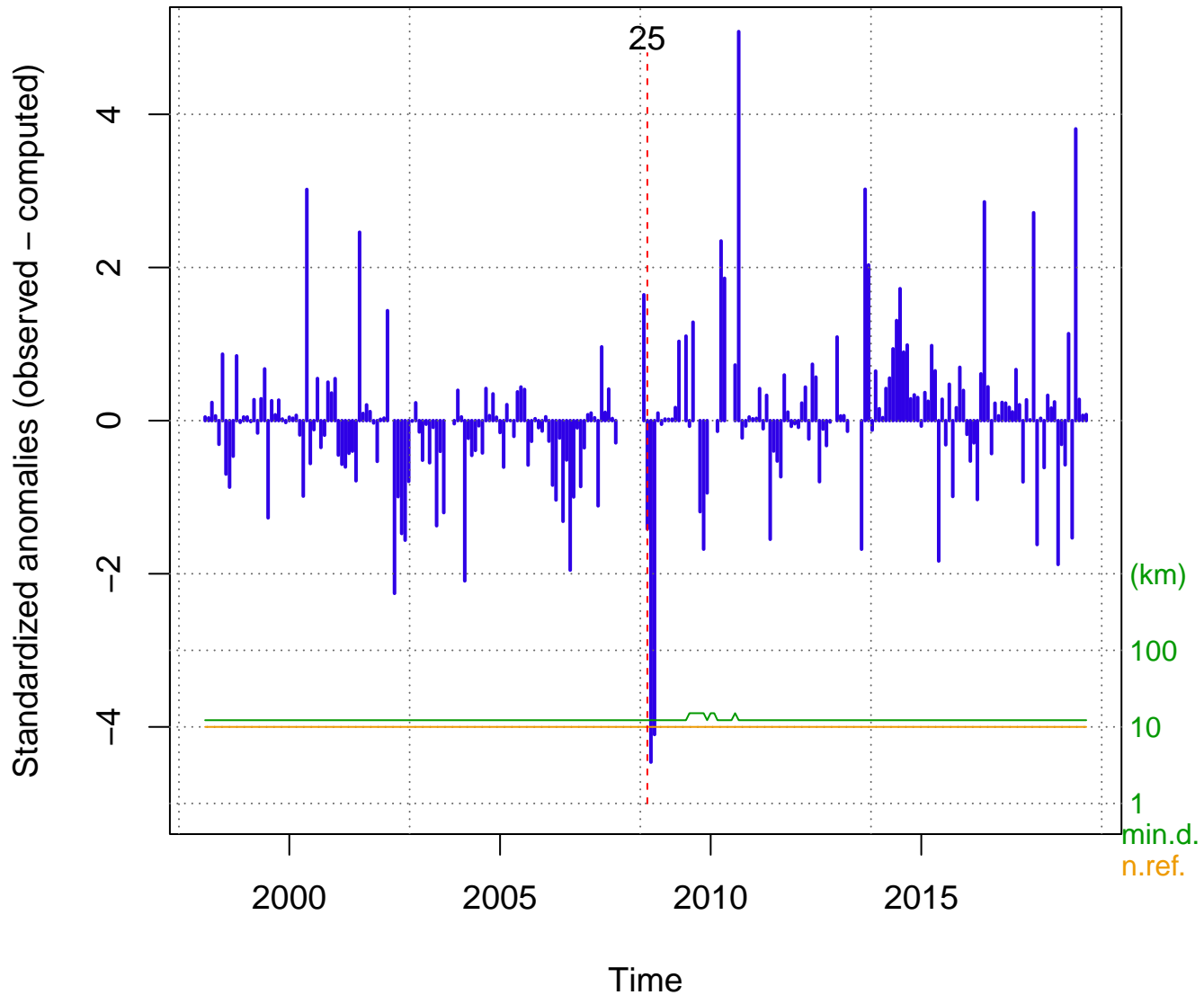
Rmon 75 (19137) SAN JORGE



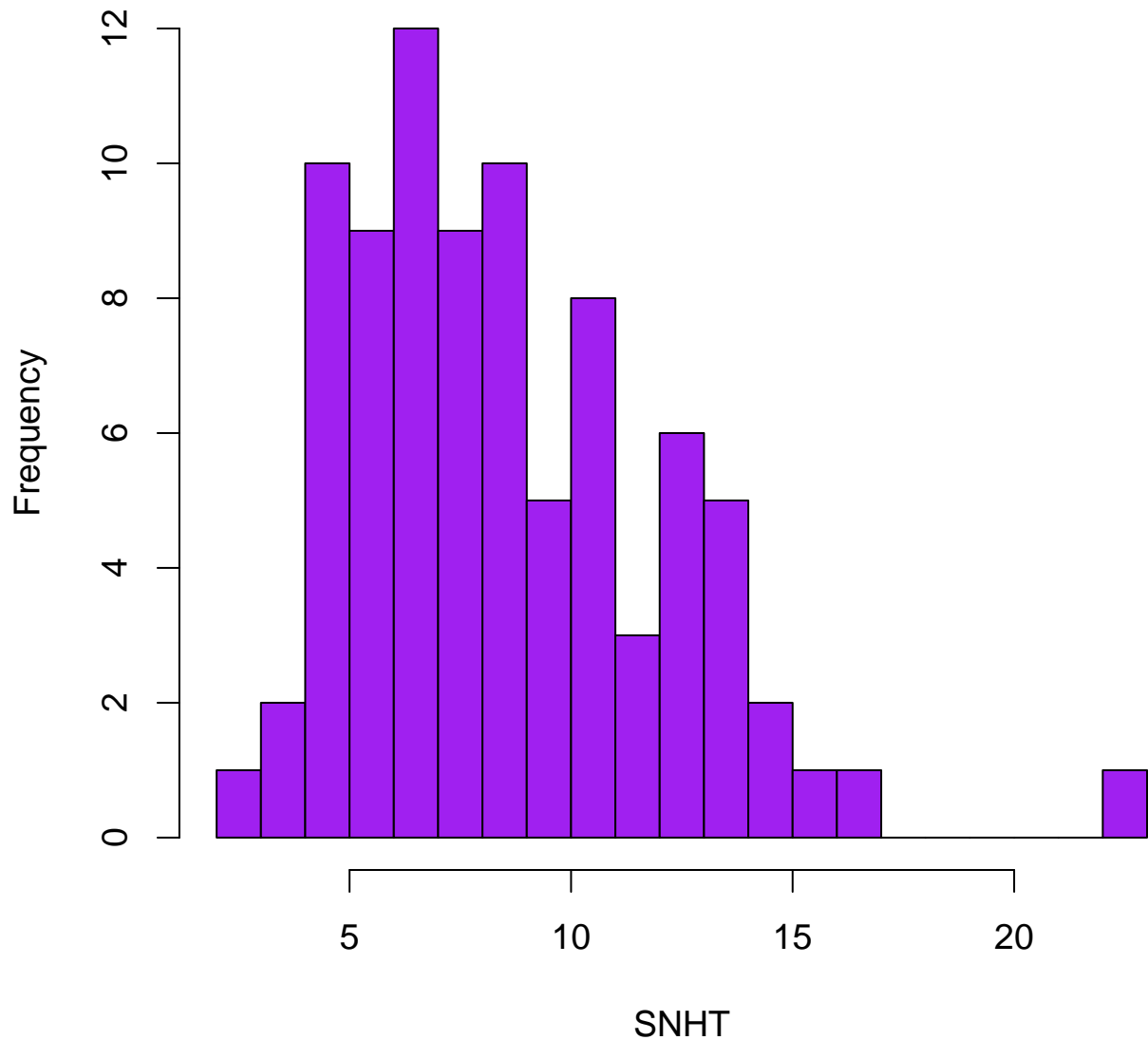
Rmon 36 (19123) GRUTAS DE GARCIA



Rmon 17 (19148) EJIDO DIECIOCHO DE MARZO



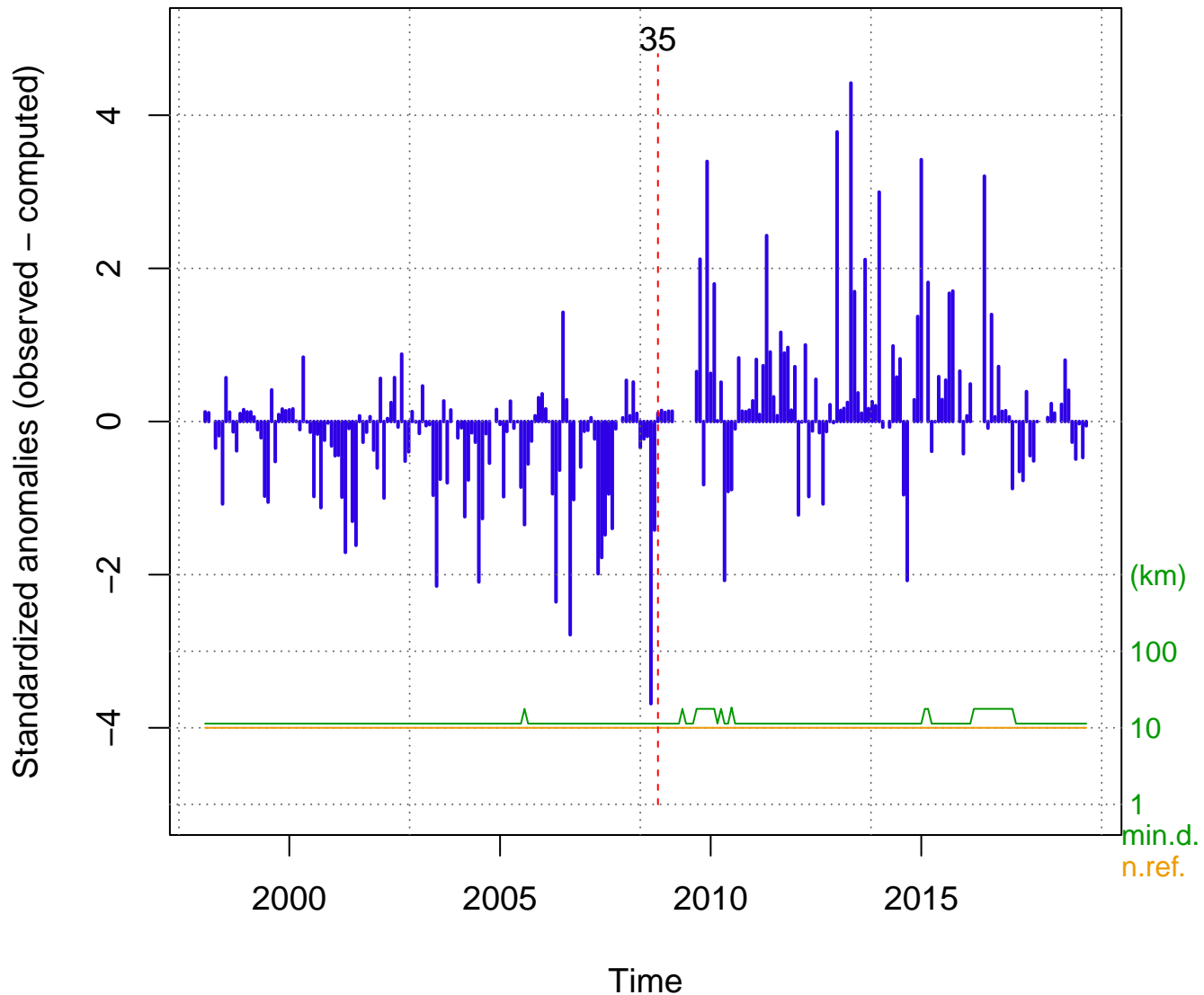
Histogram of maximum SNHT (Stage 1)



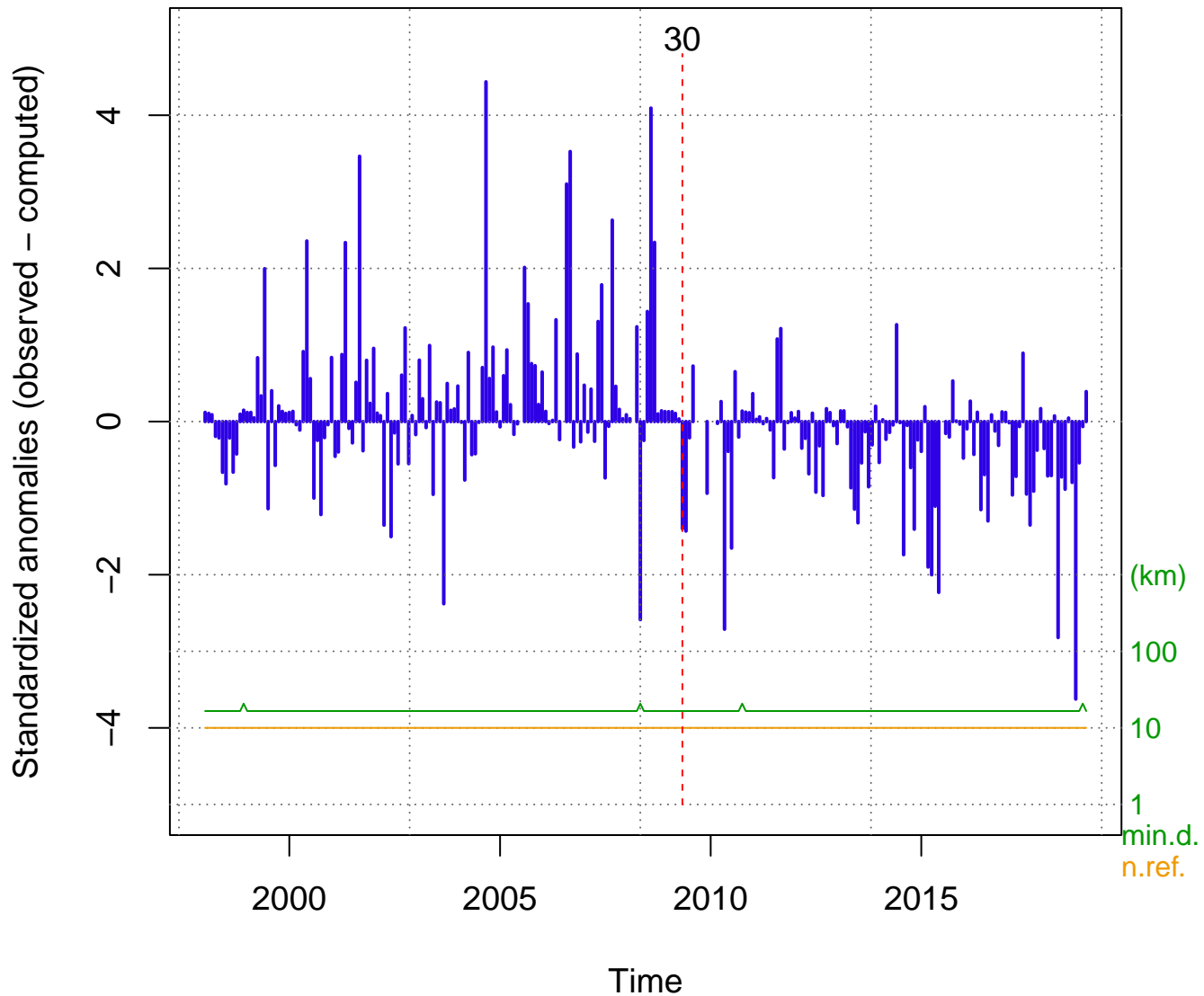
Stage 2

Binary splits on
whole series
with $SNHT > 25$
and $wd = 0$ km

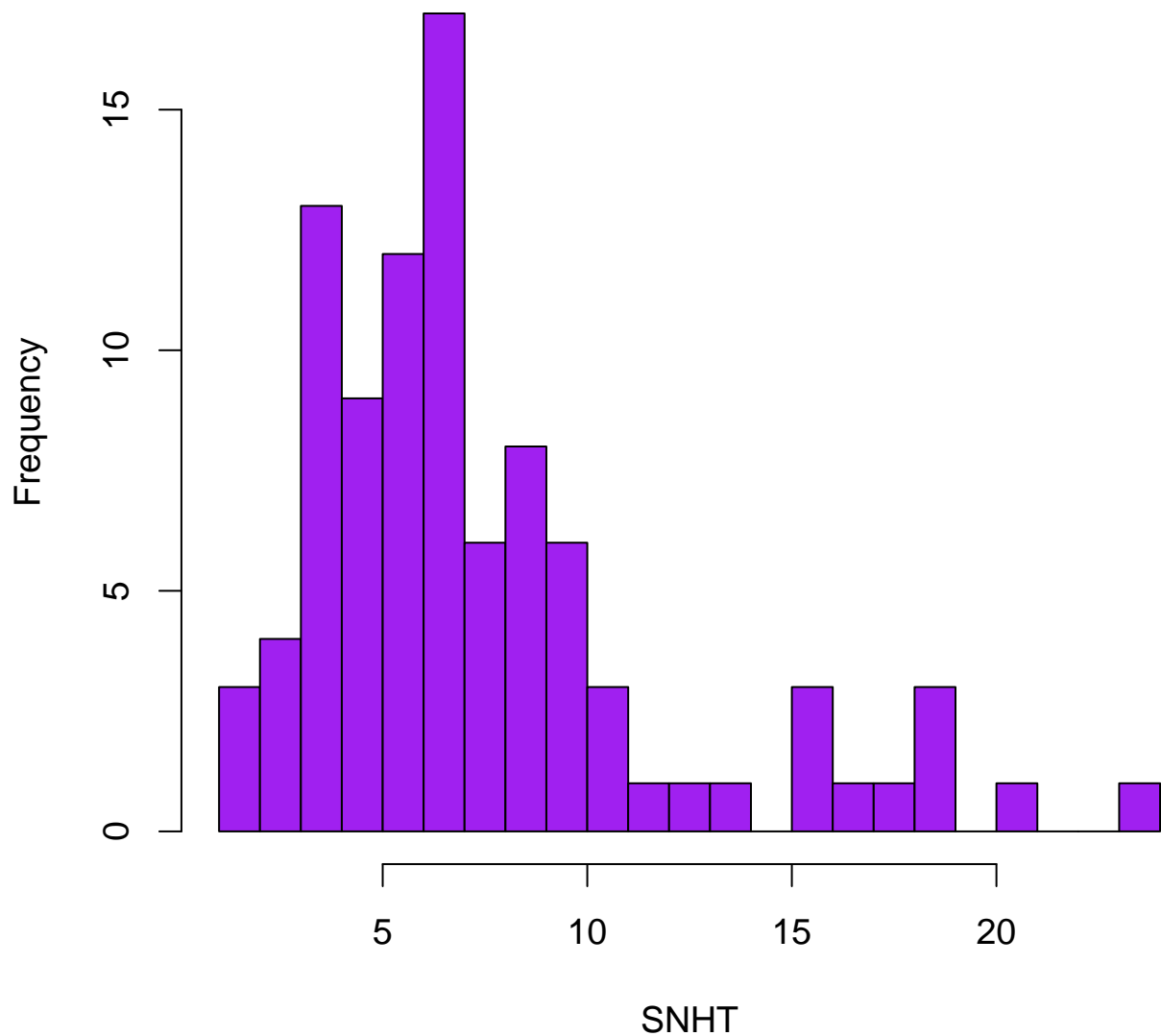
Rmon 28 (19079) EL REFUGIO DE LOS IBARRA



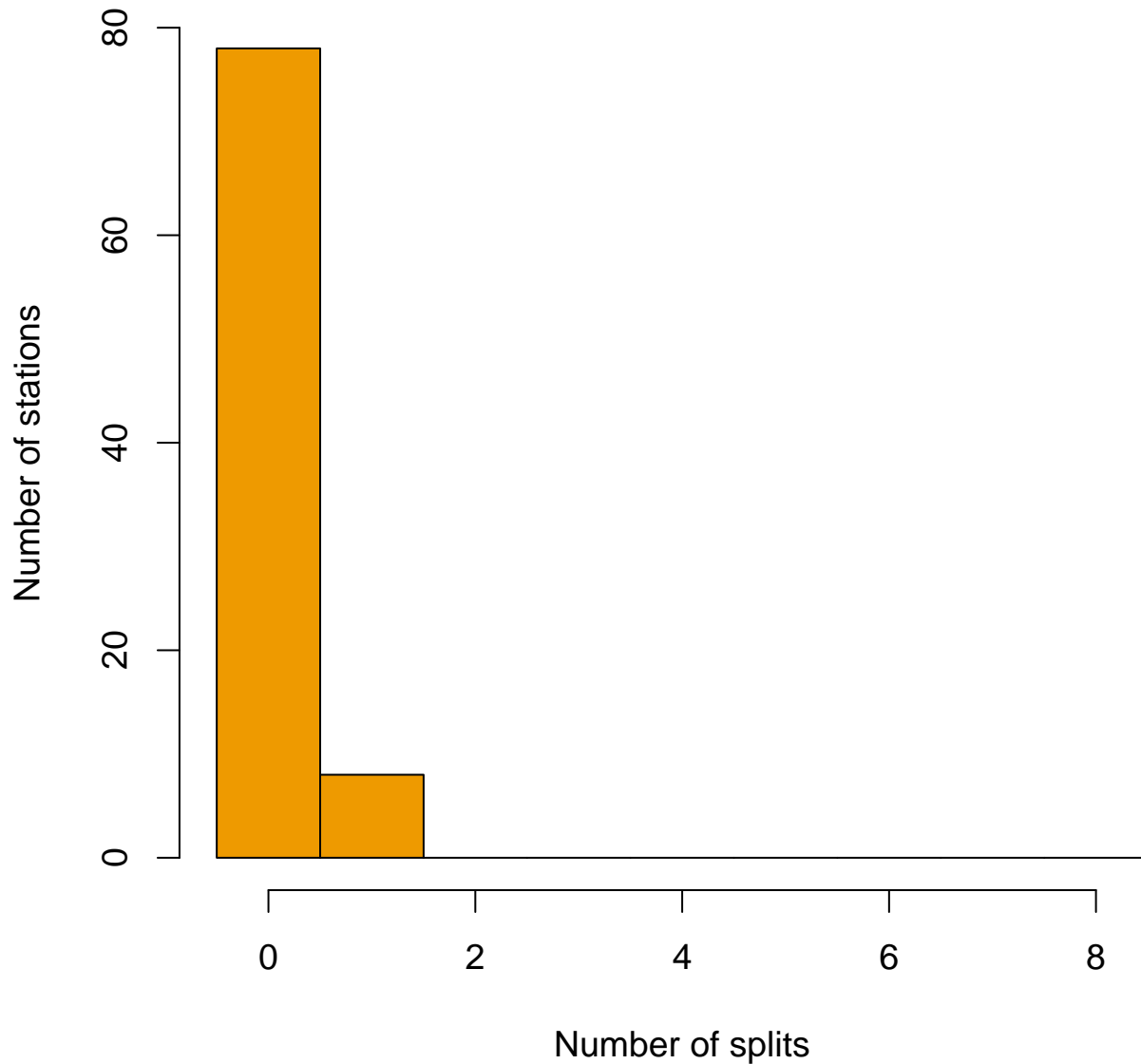
Rmon 52 (19151) LAS MARGARITAS



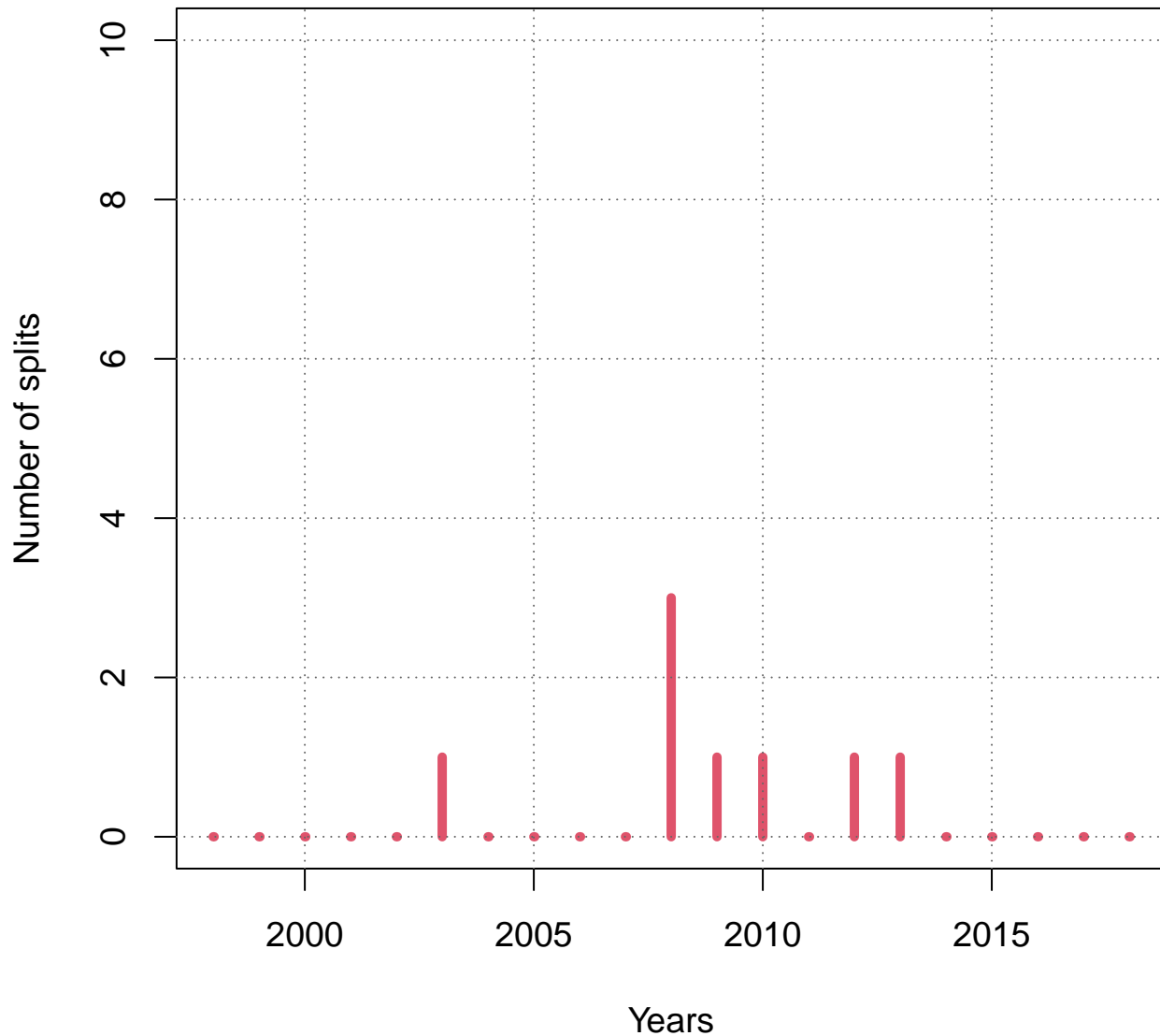
Histogram of maximum SNHT (Stage 2)



Number of splits per station



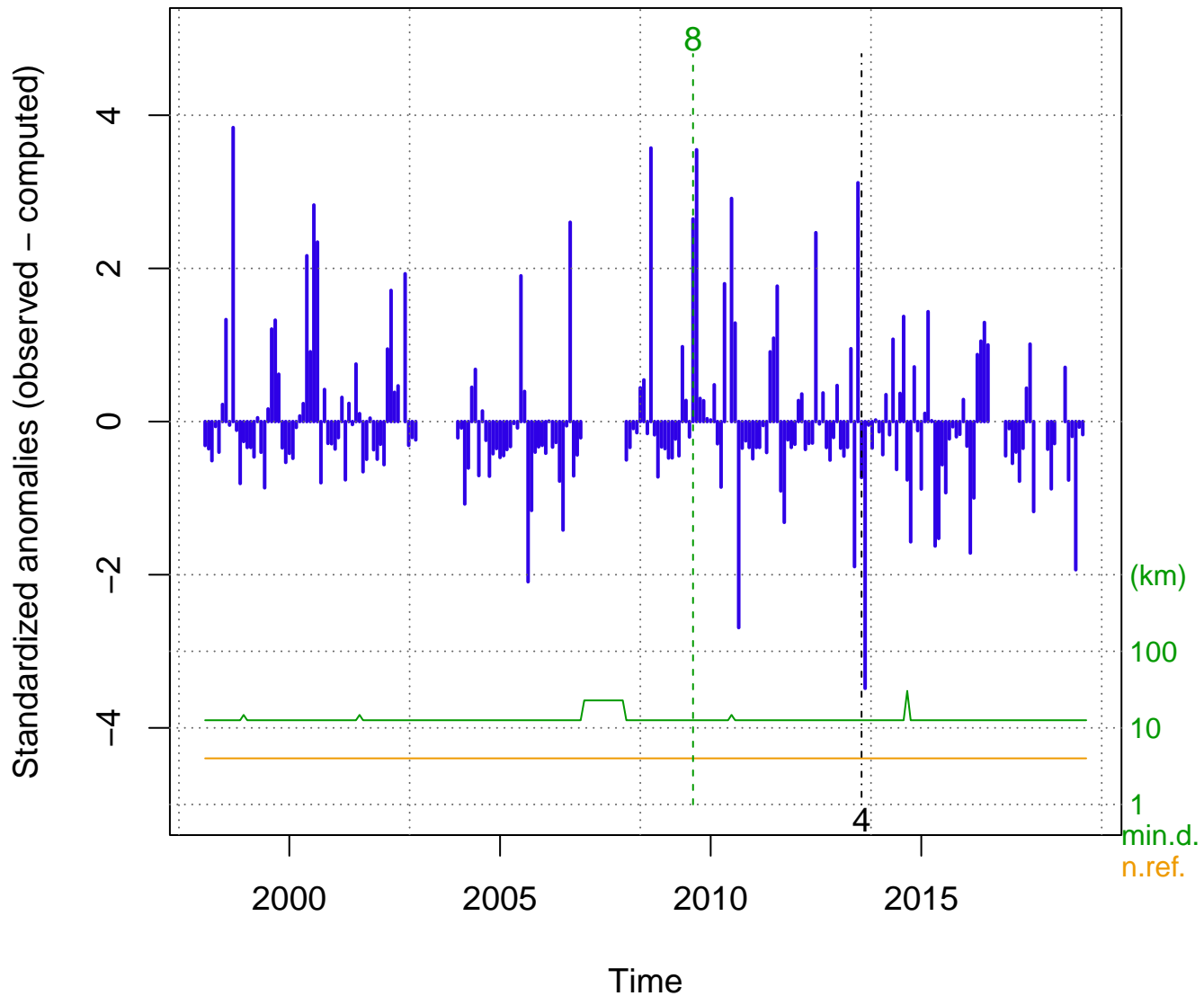
Number of splits per year



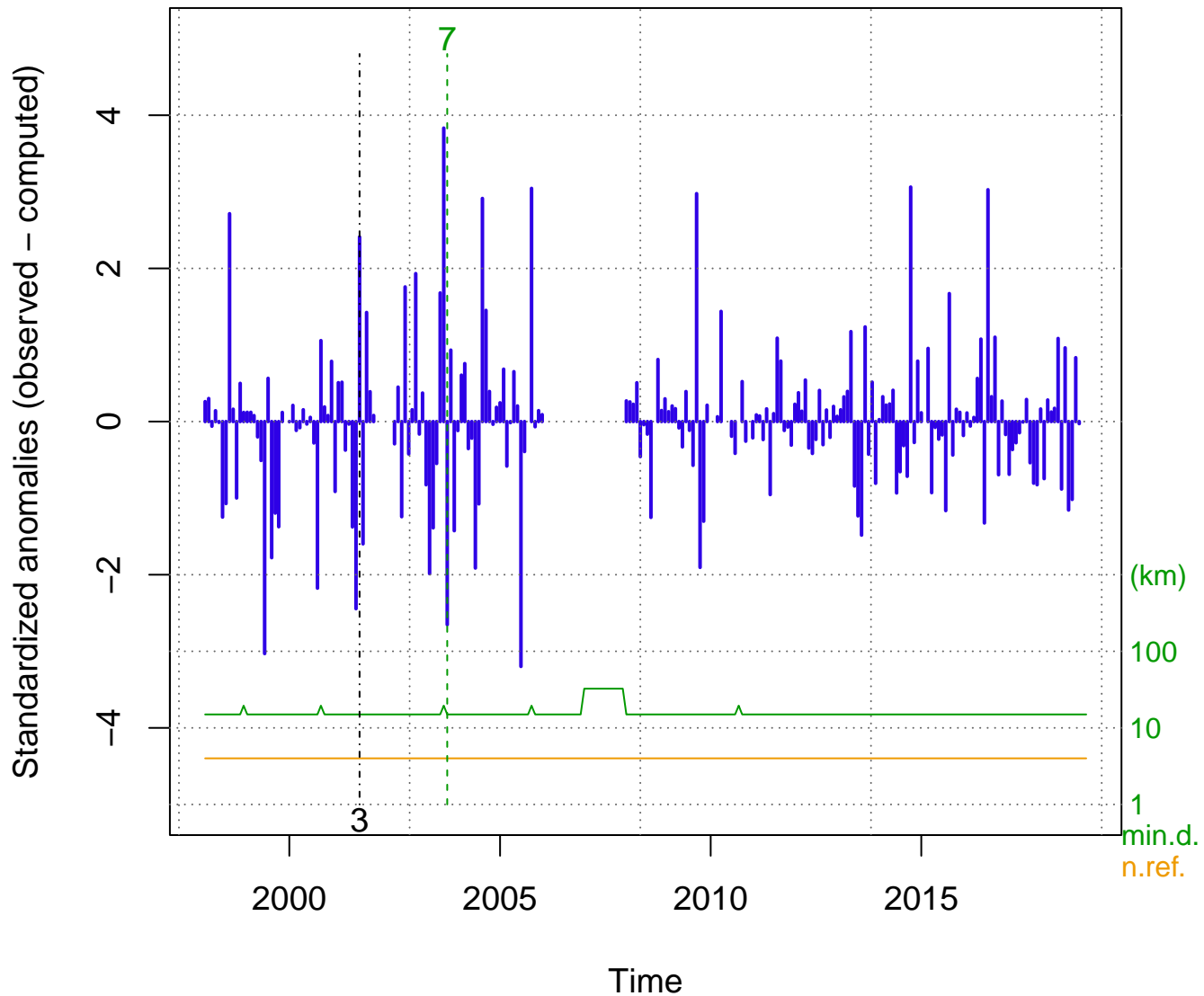
Stage 3

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

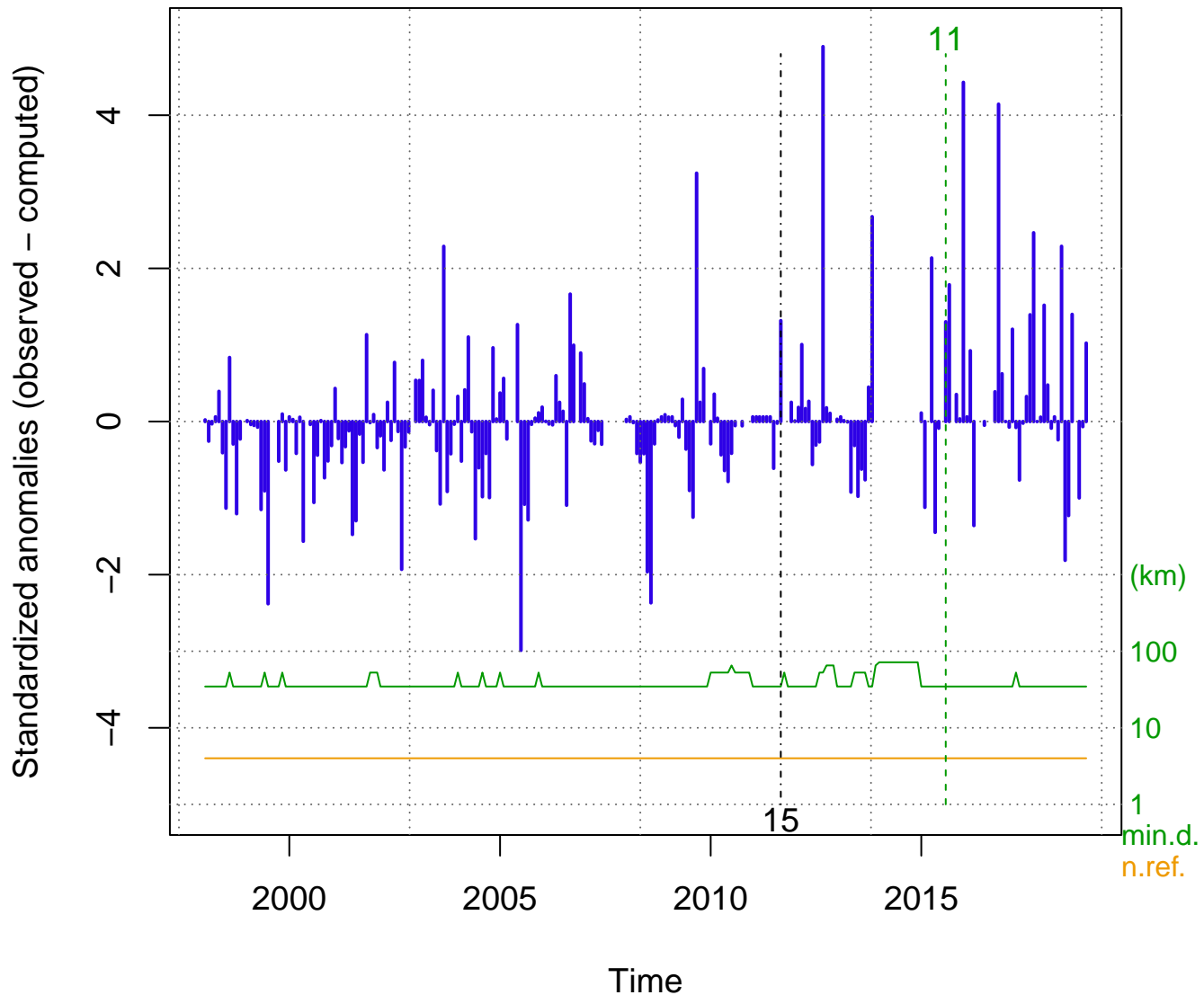
Rmon 1 (19002) AGUA BLANCA



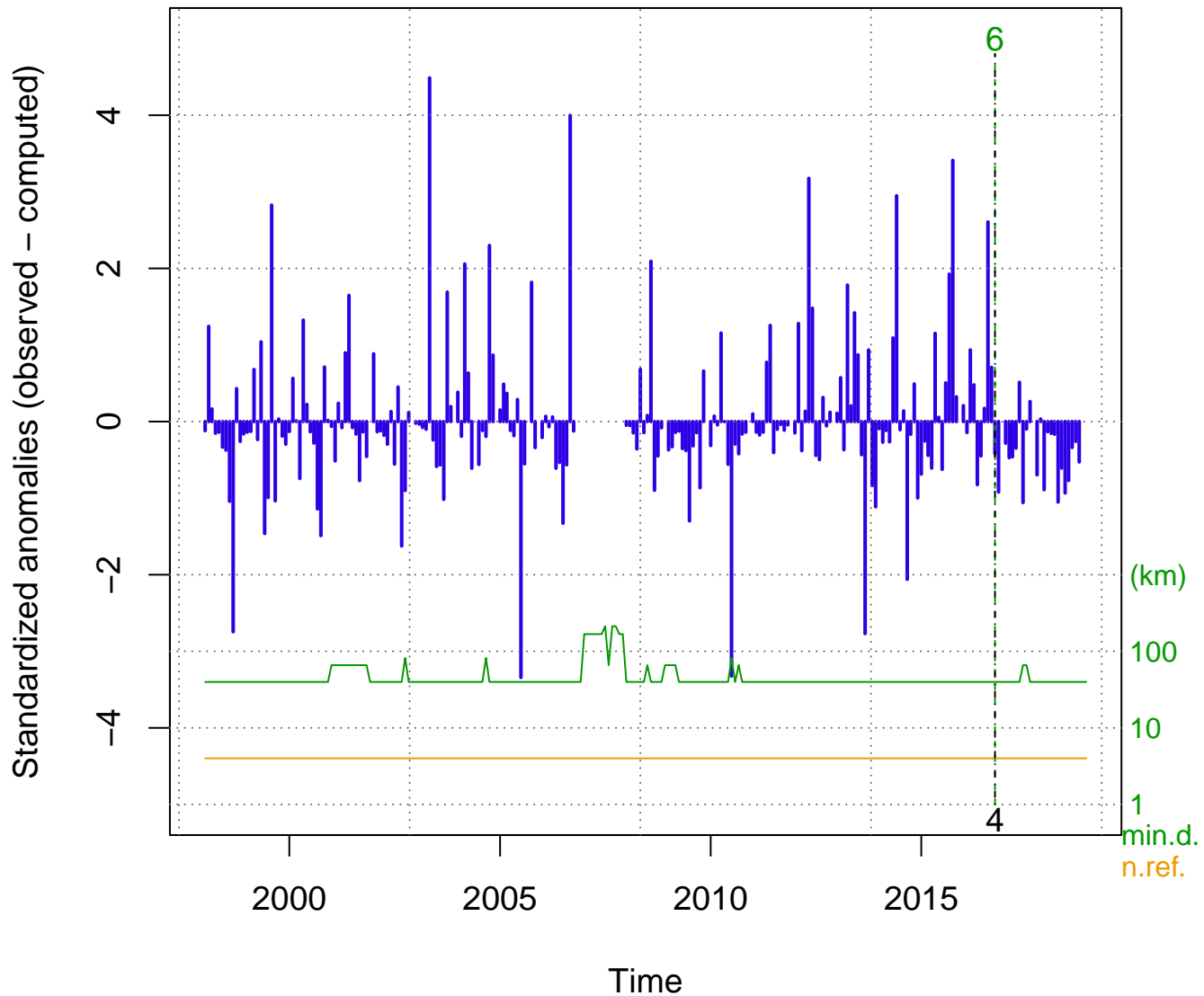
Rmon 2 (19003) ALLENDE



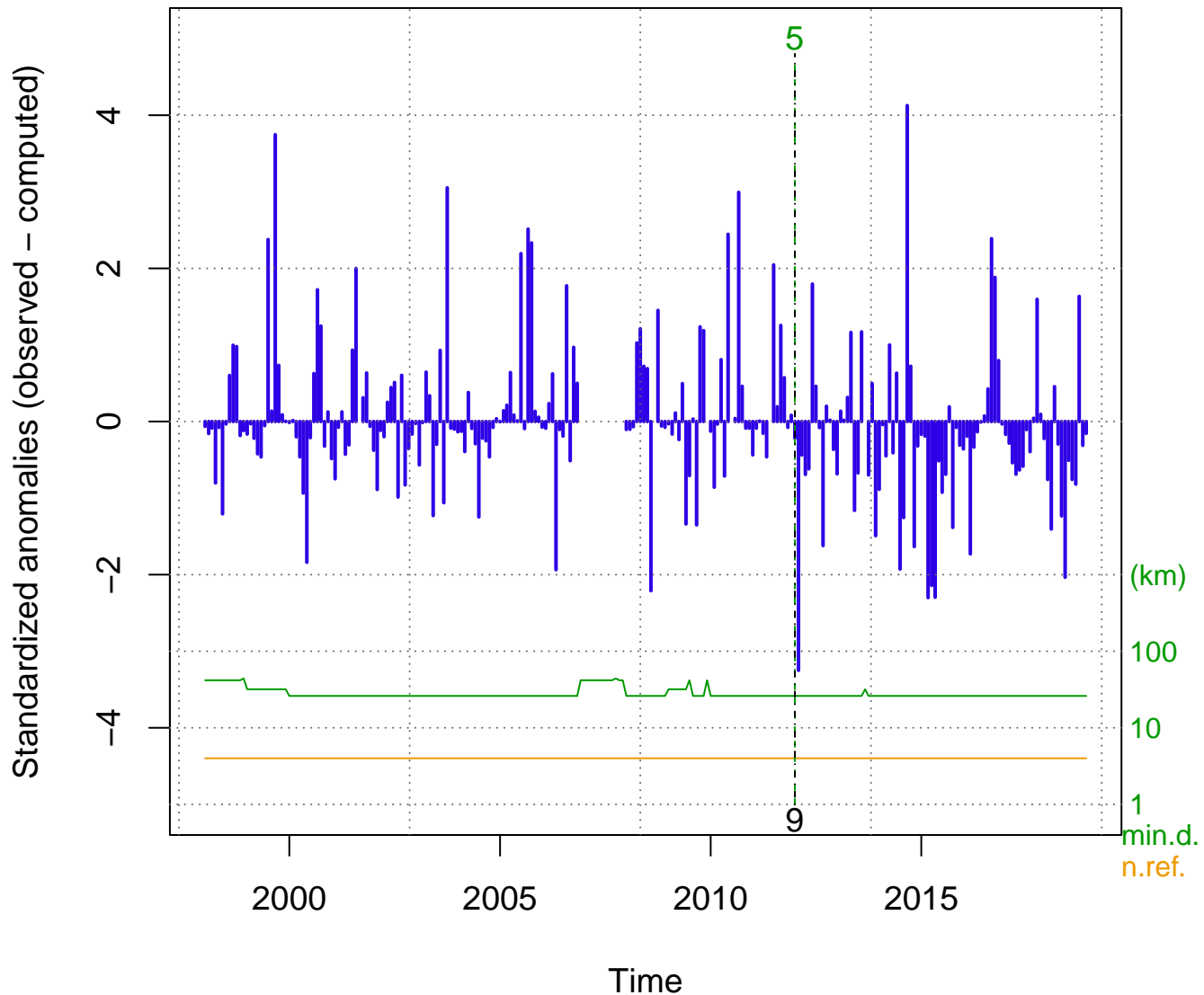
Rmon 3 (5151) ALTO DE NORIAS



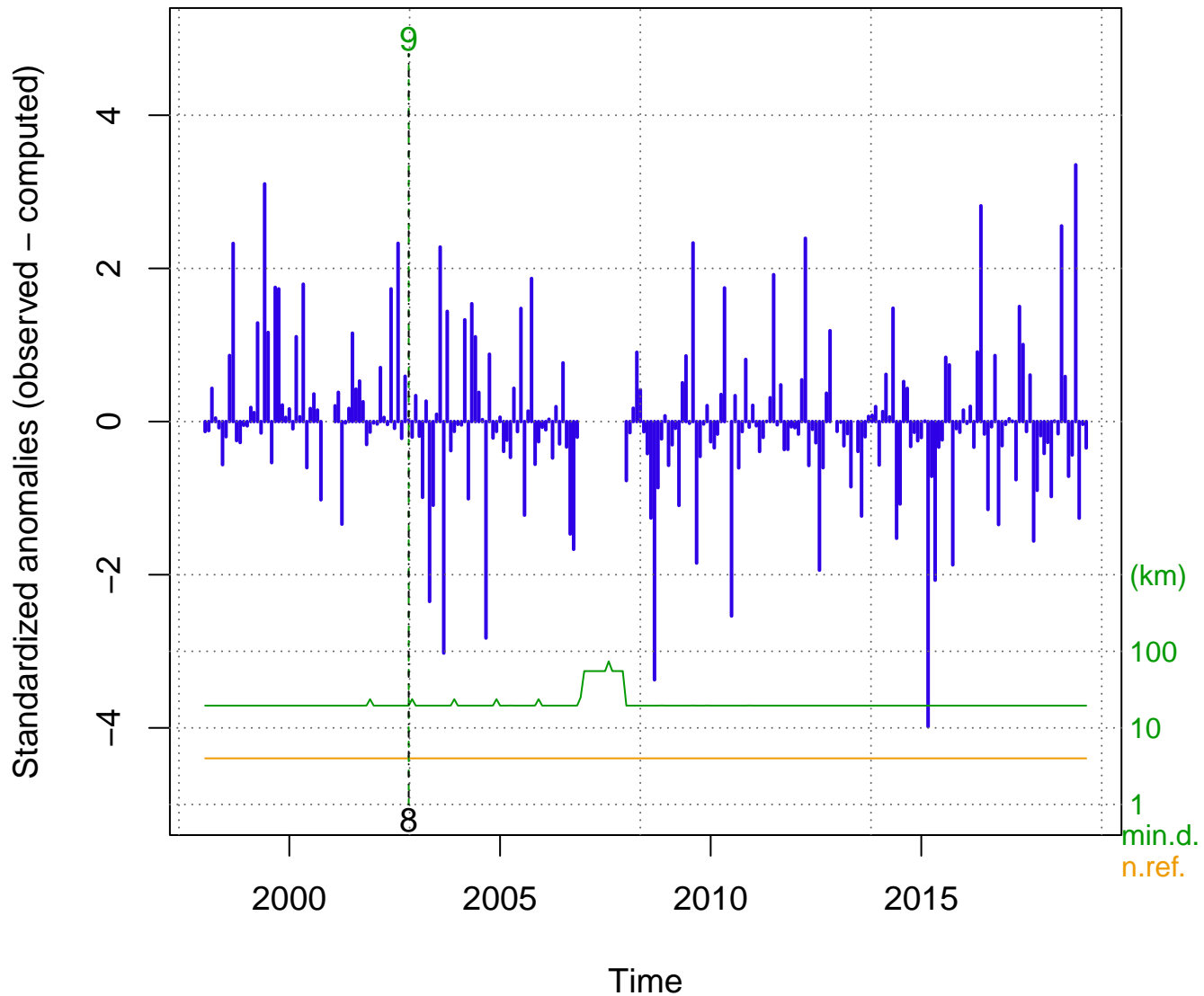
Rmon 4 (19024) ANAHUAC



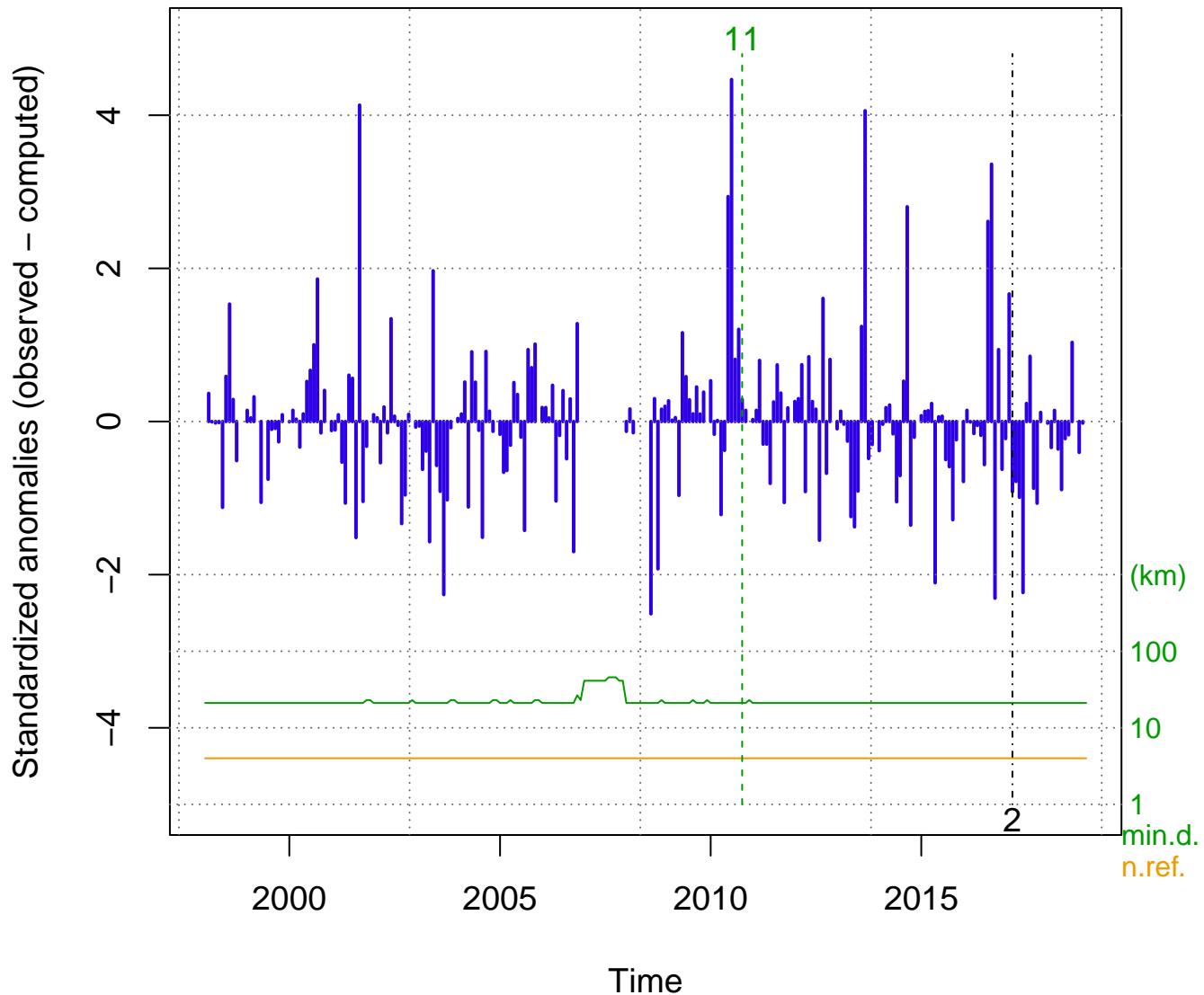
Rmon 5 (19005) ARAMBERRI II



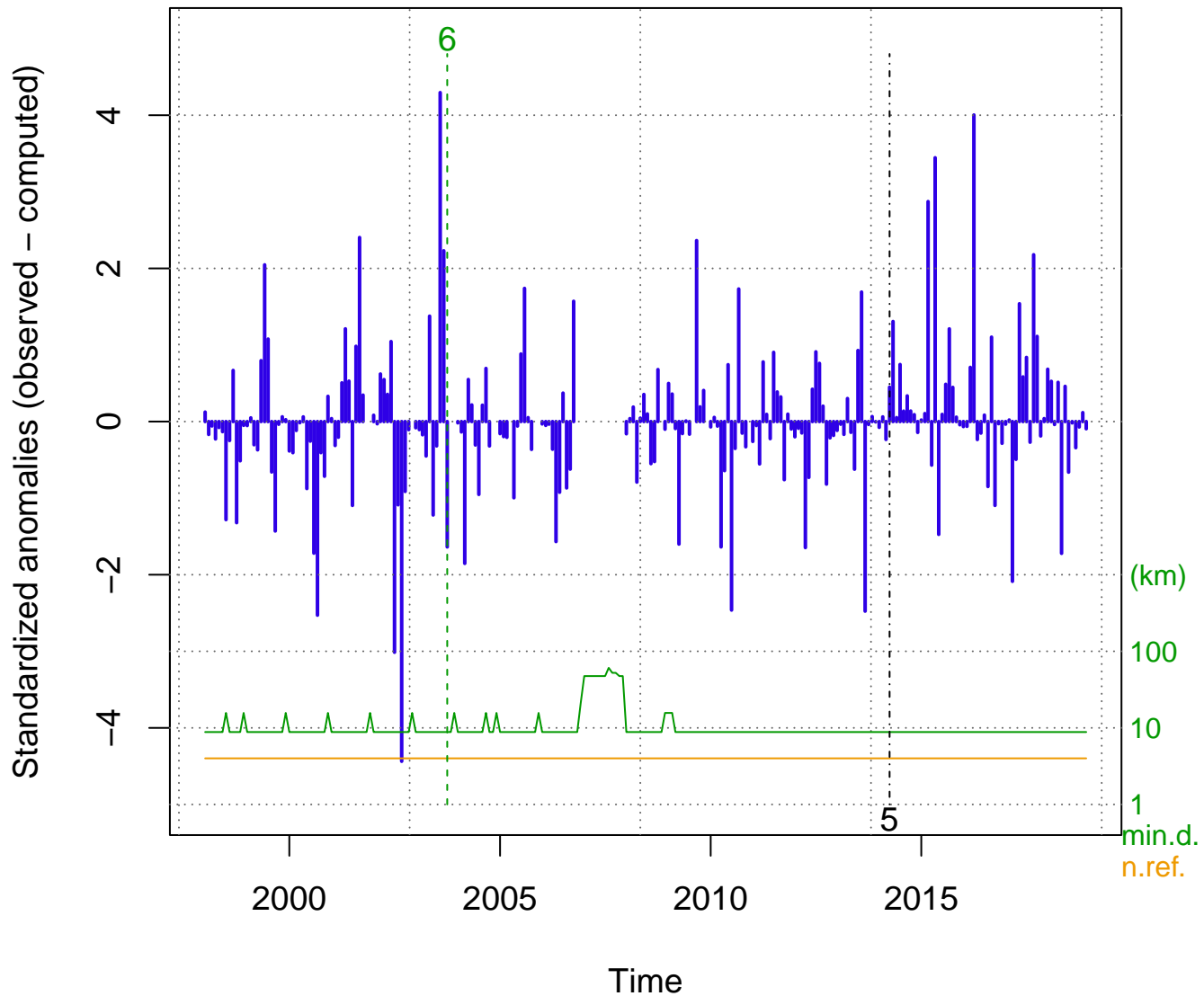
Rmon 6 (19112) BENITEZ



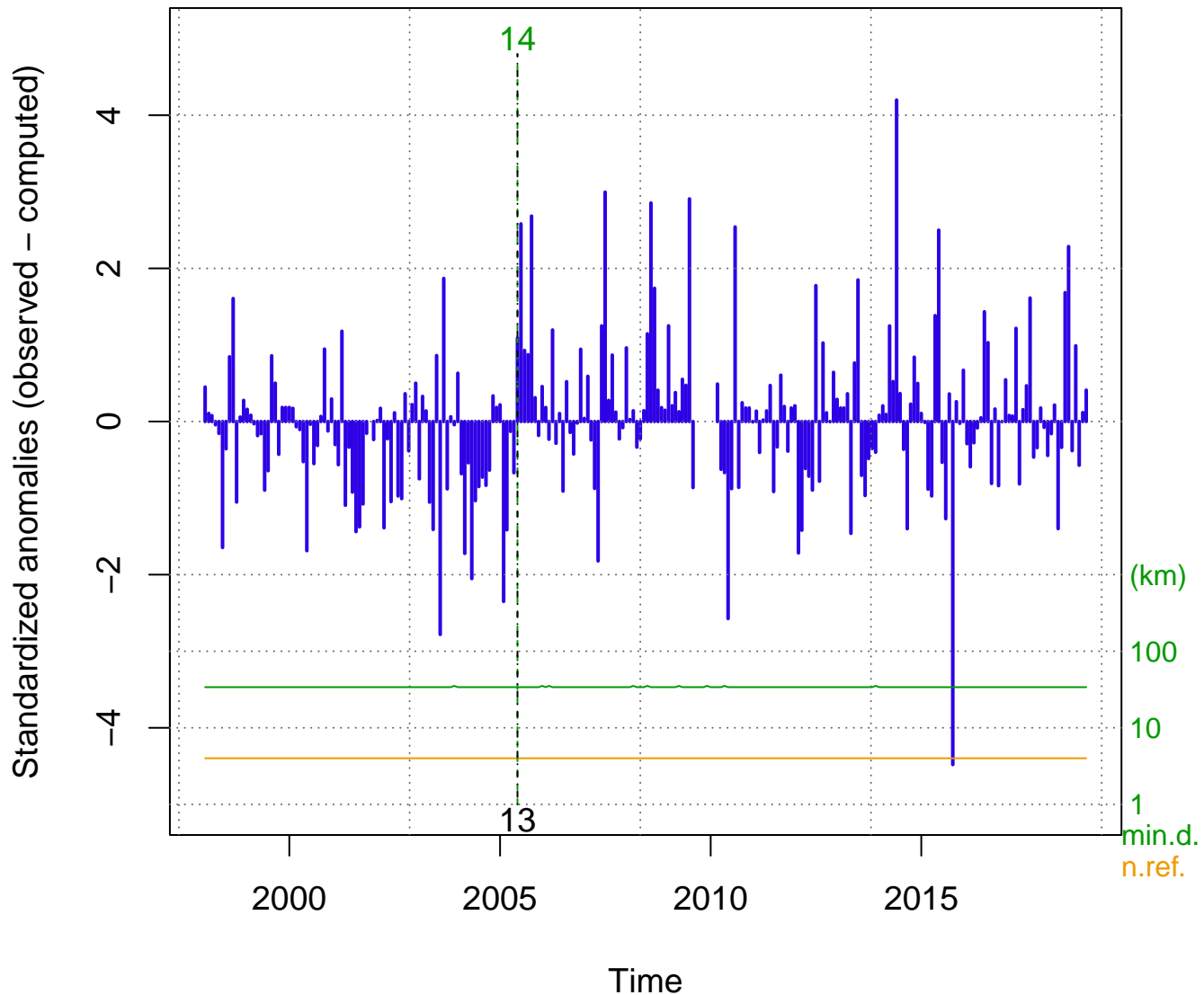
Rmon 7 (19007) CABEZONES



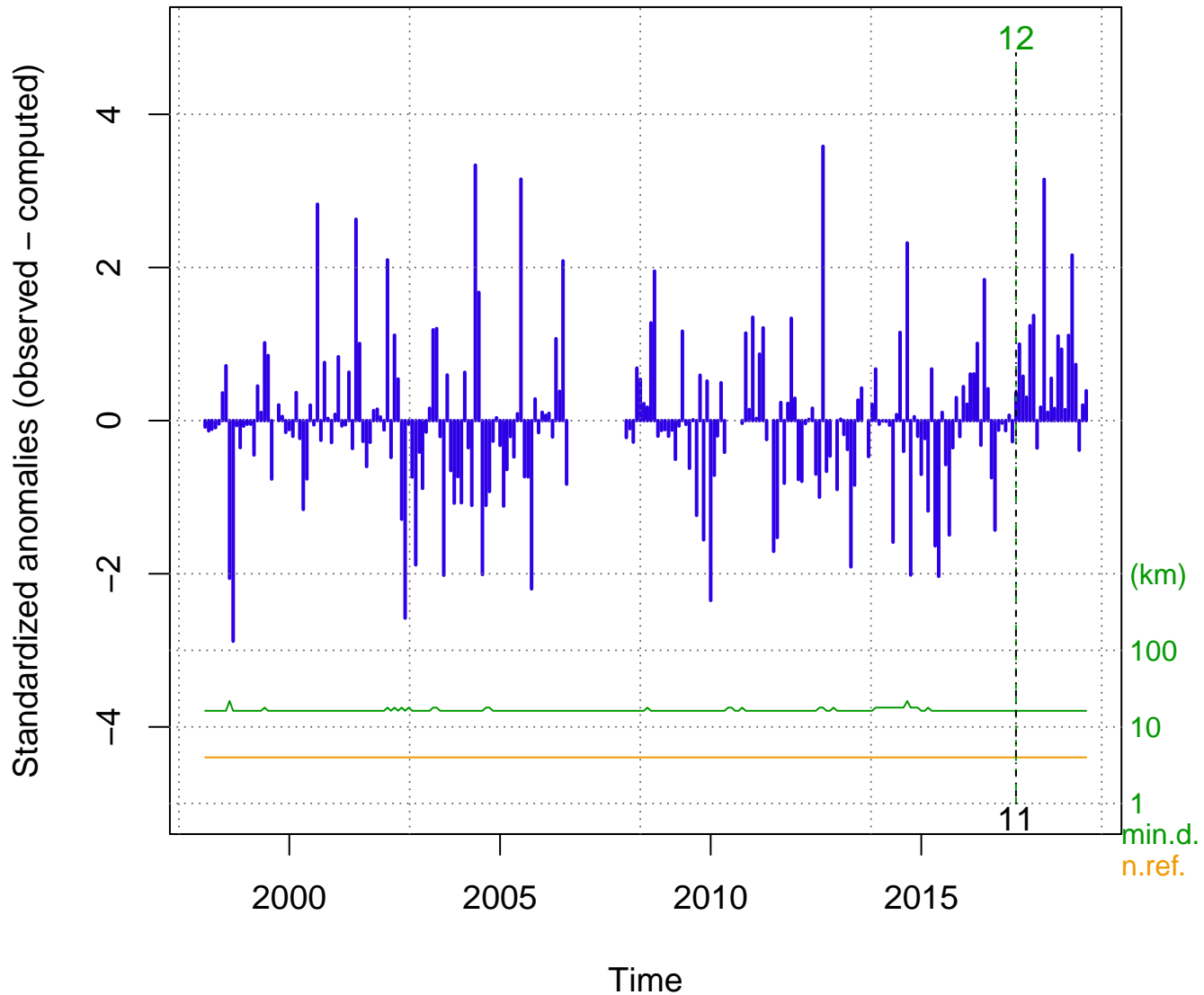
Rmon 8 (19035) CAMACHO



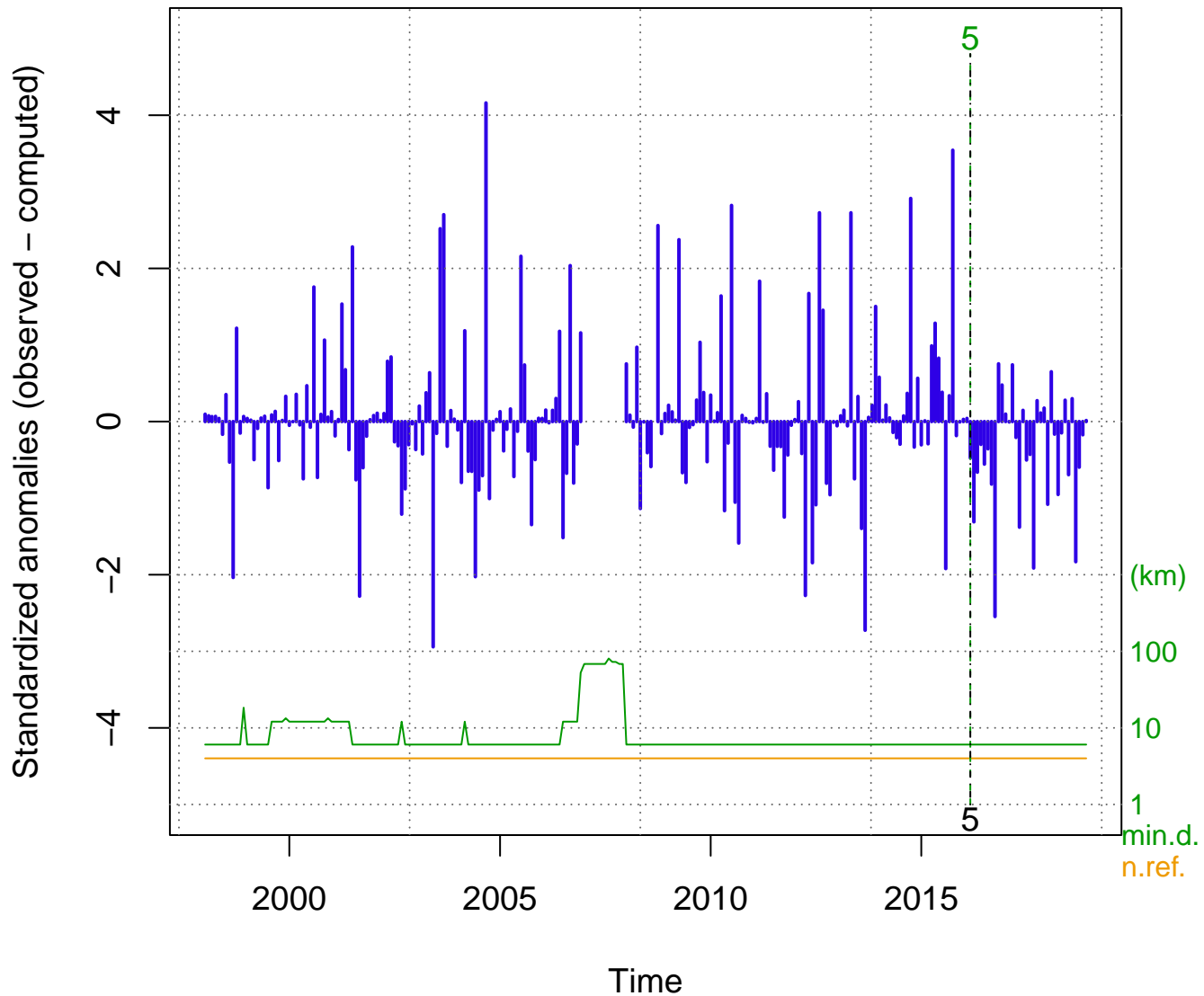
Rmon 9 (19032) CARBONERA



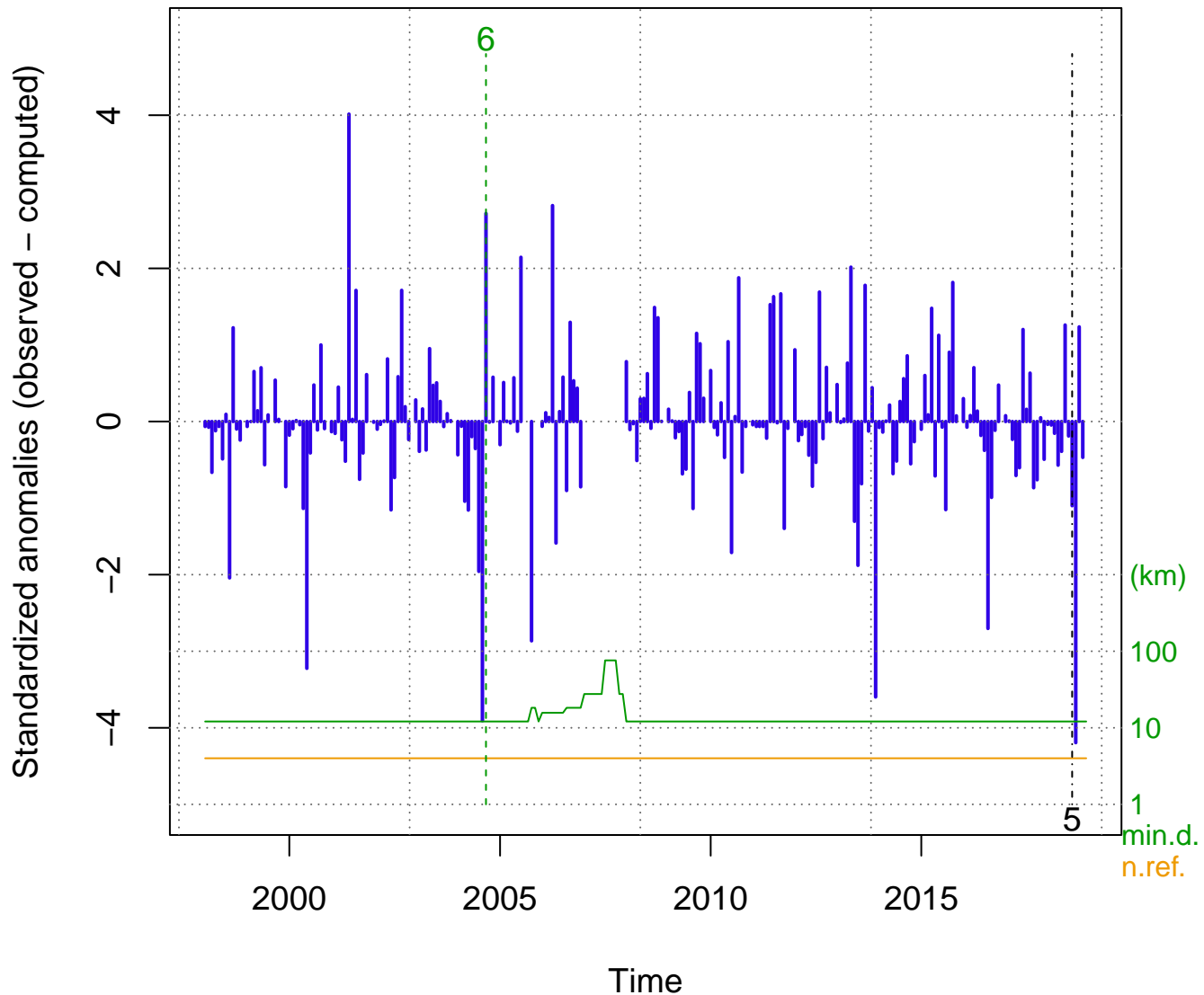
Rmon 10 (19009) CASILLAS



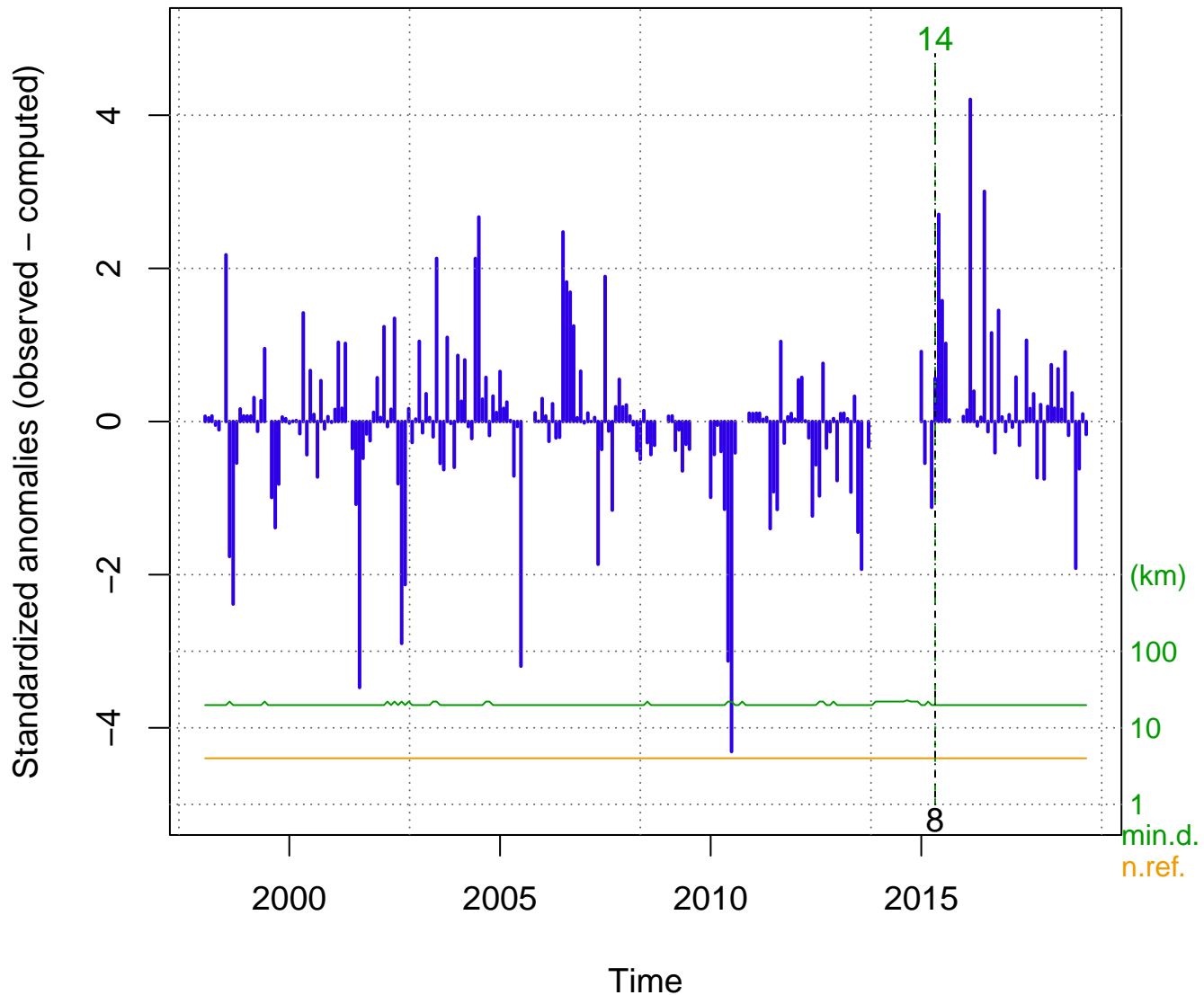
Rmon 11 (19011) CERRO PRIETO



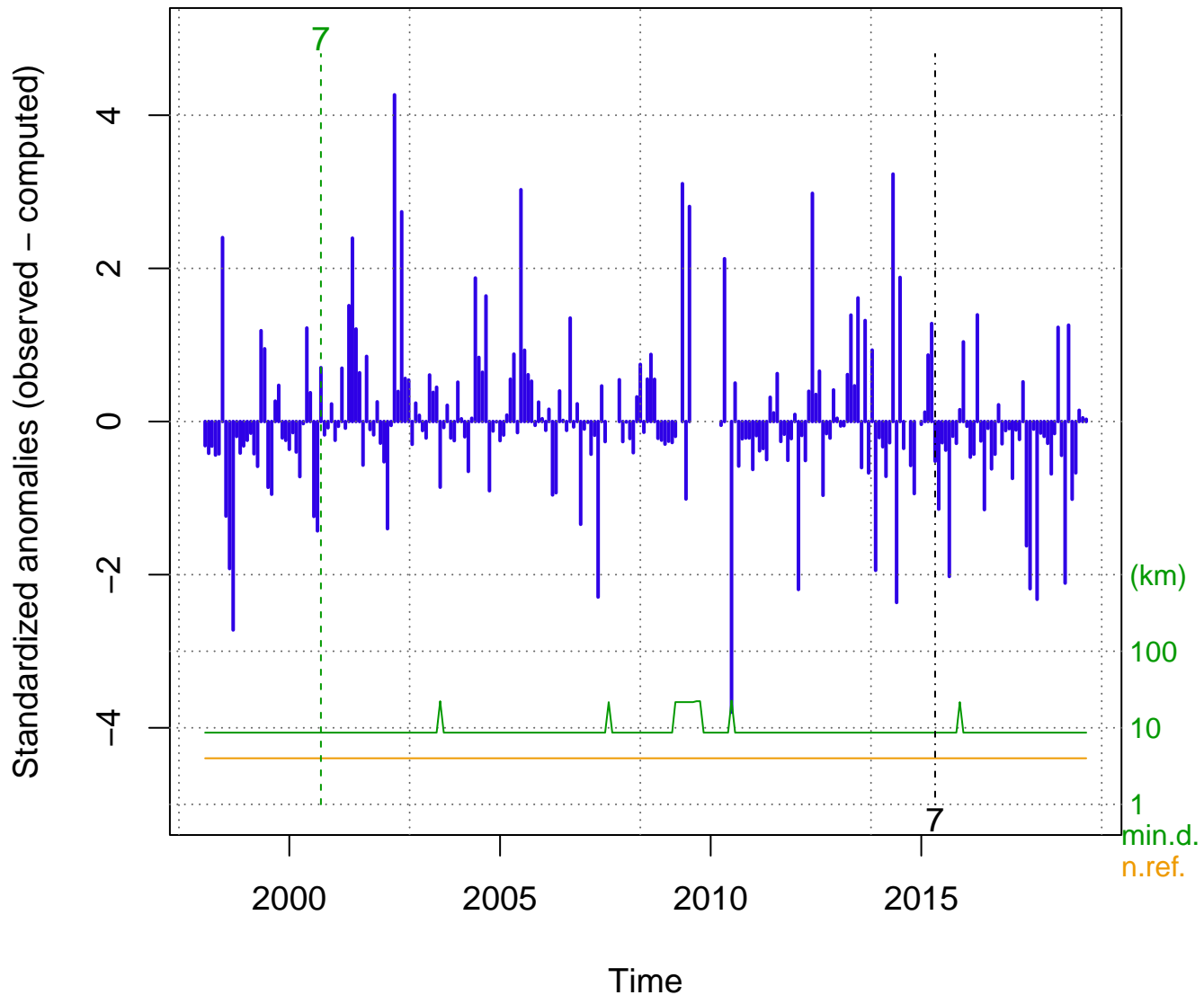
Rmon 12 (19012) CIENEGA DE FLORES



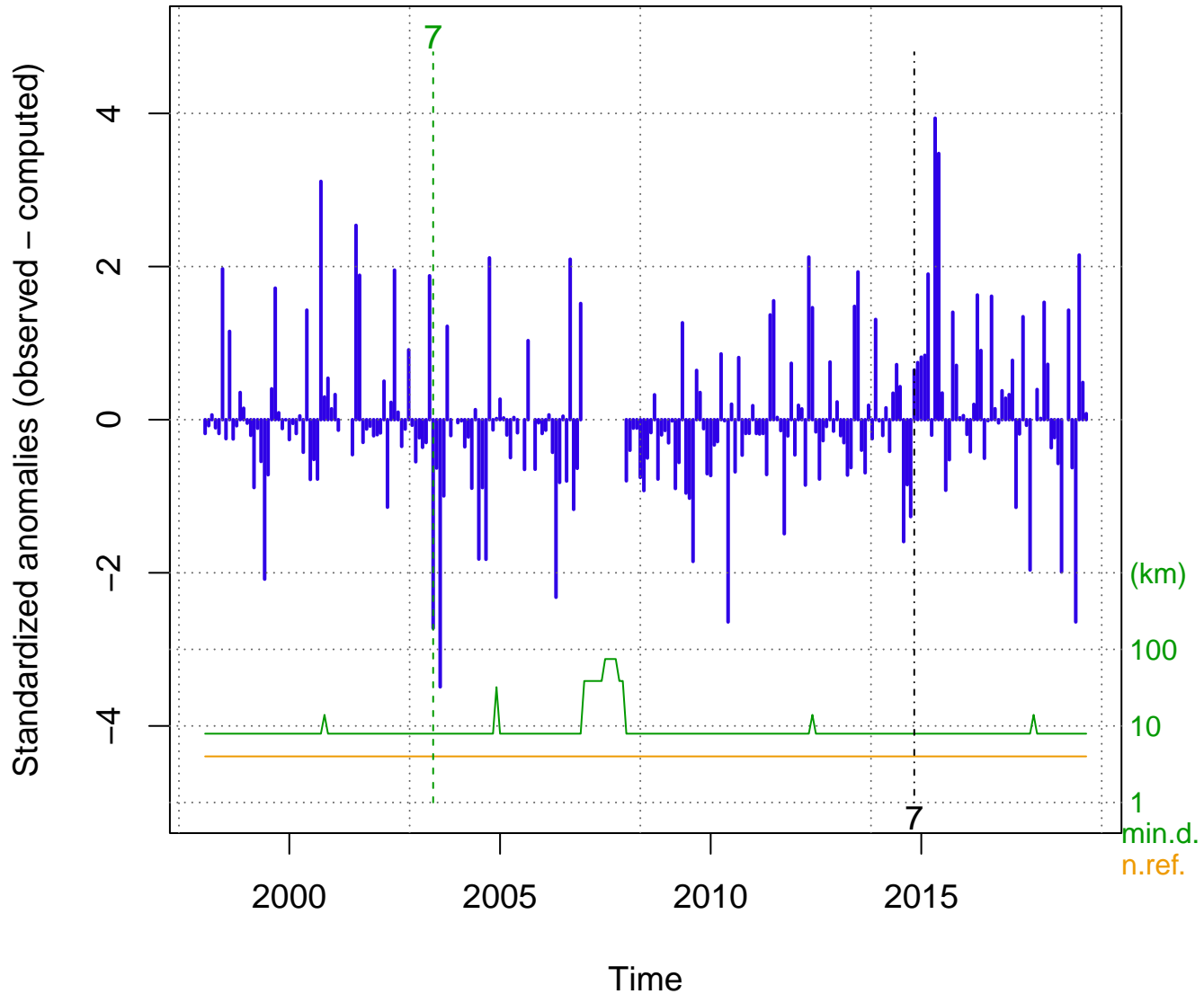
Rmon 13 (5149) CIENEGA DE LA PURISIMA



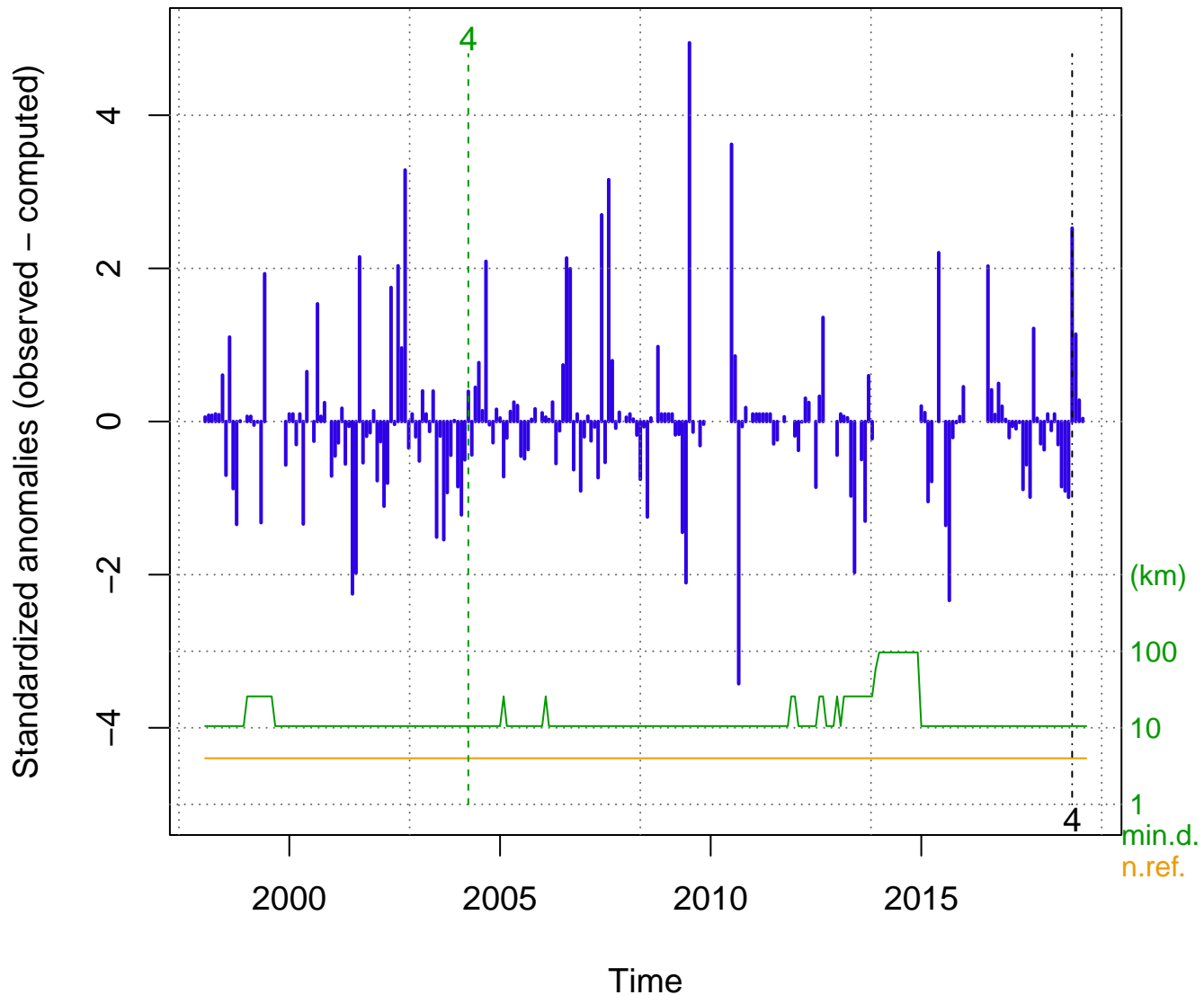
Rmon 14 (19144) CIENEGUITAS Y CRUCITAS



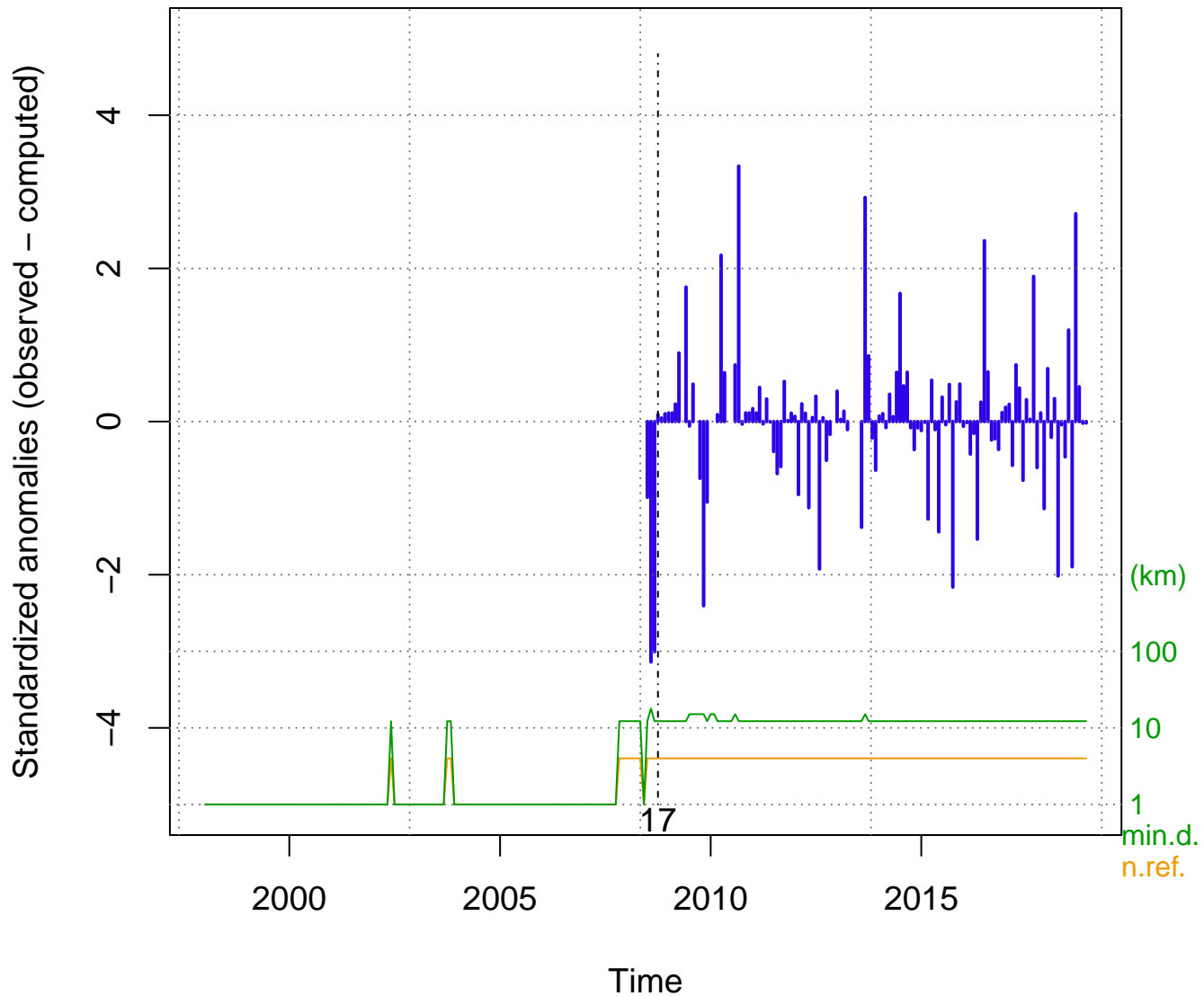
Rmon 15 (19105) DOCTOR GONZALEZ



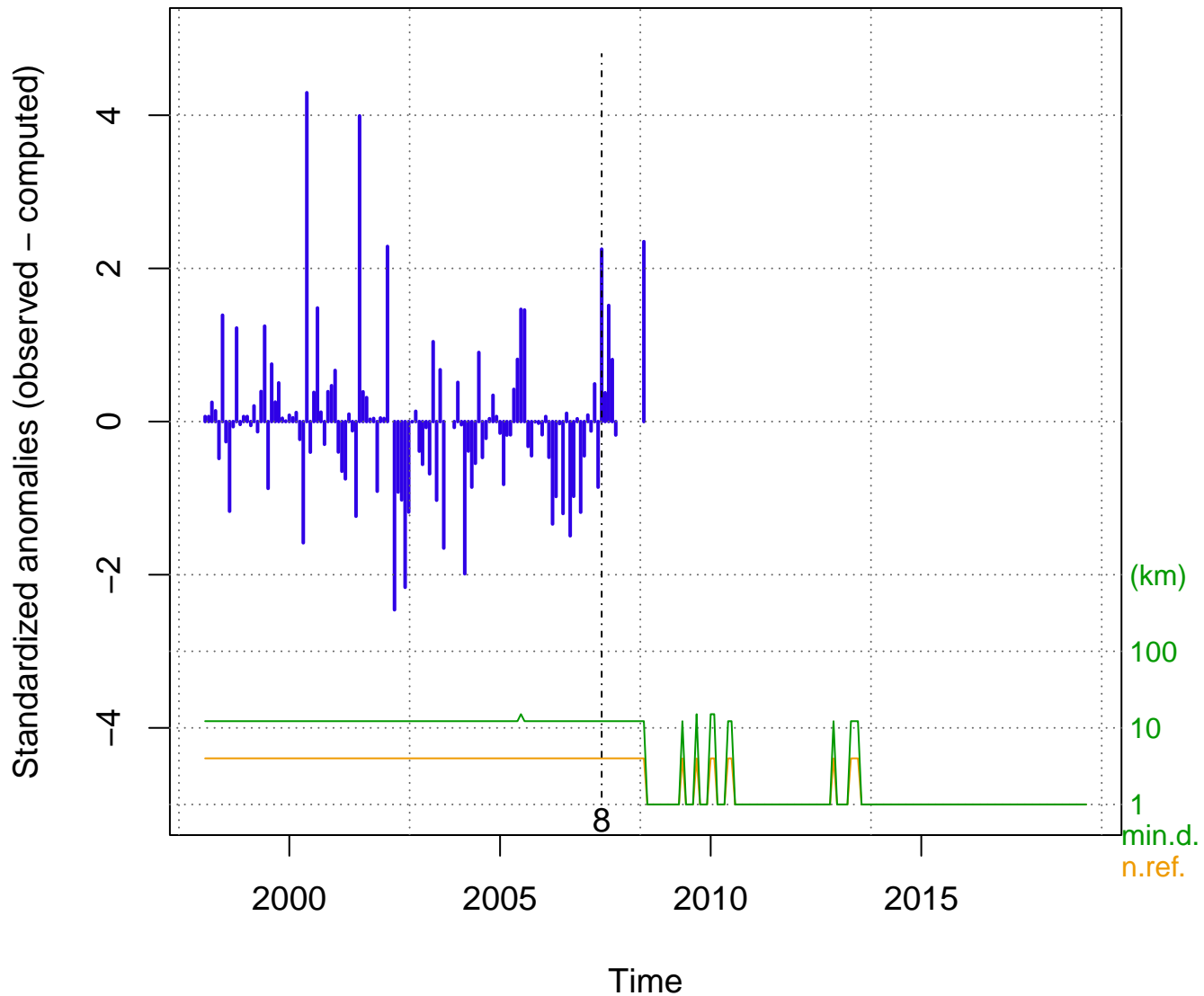
Rmon 16 (5162) DOS DE ABRIL



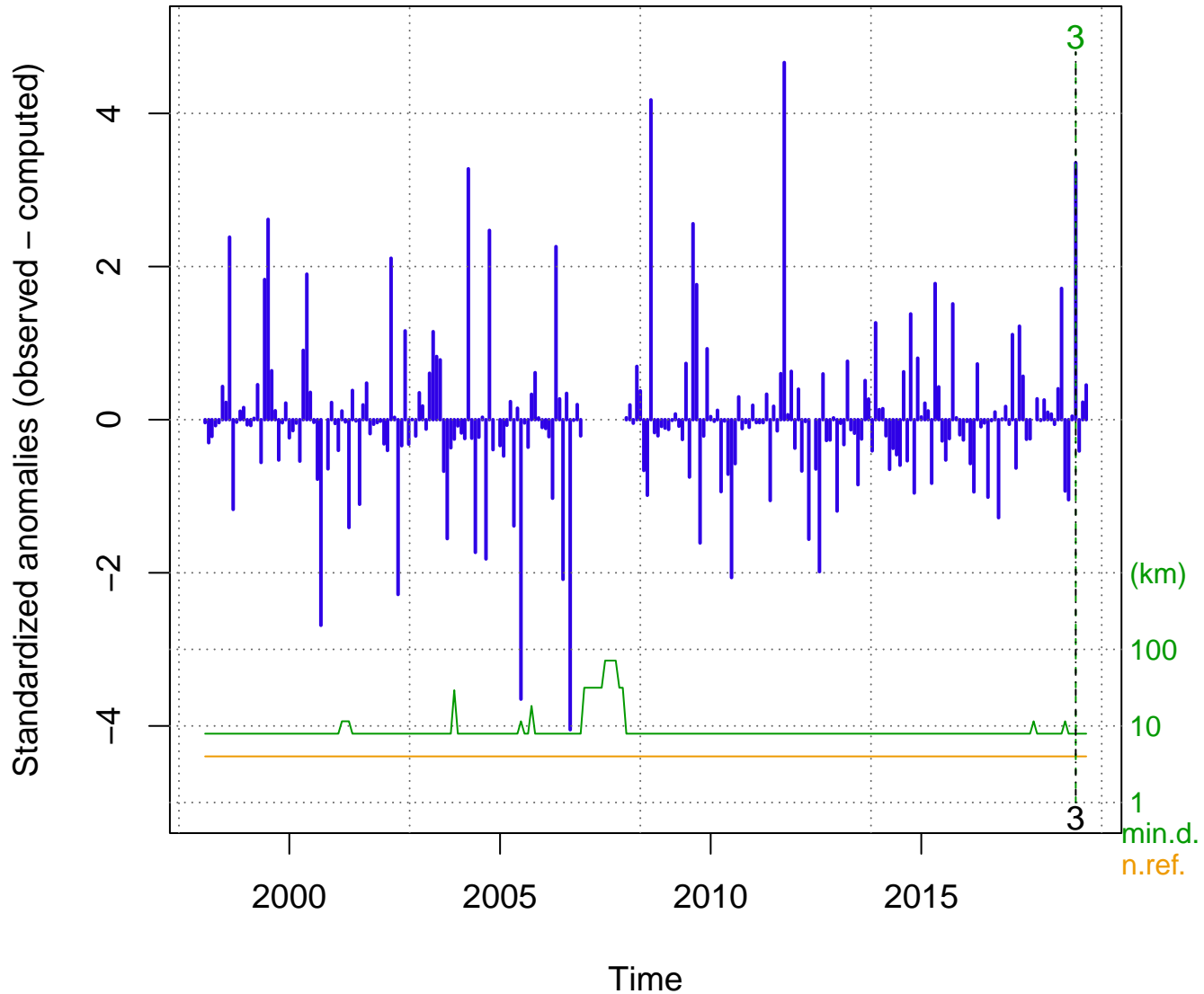
Rmon 17 (19148) EJIDO DIECIOCHO DE MARZO



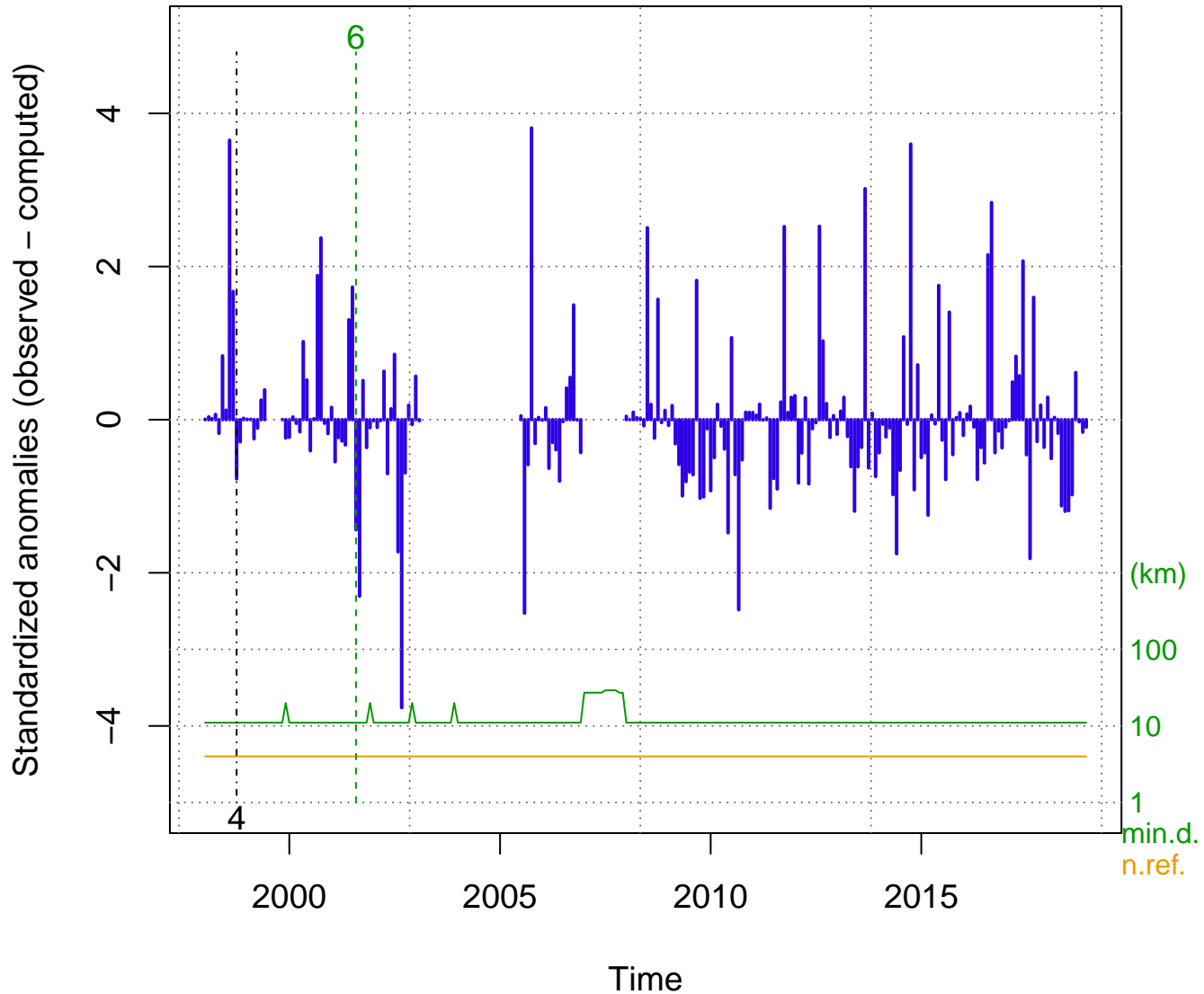
Rmon 92 (19148-2)
EJIDO DIECIOCHO DE MARZO-2



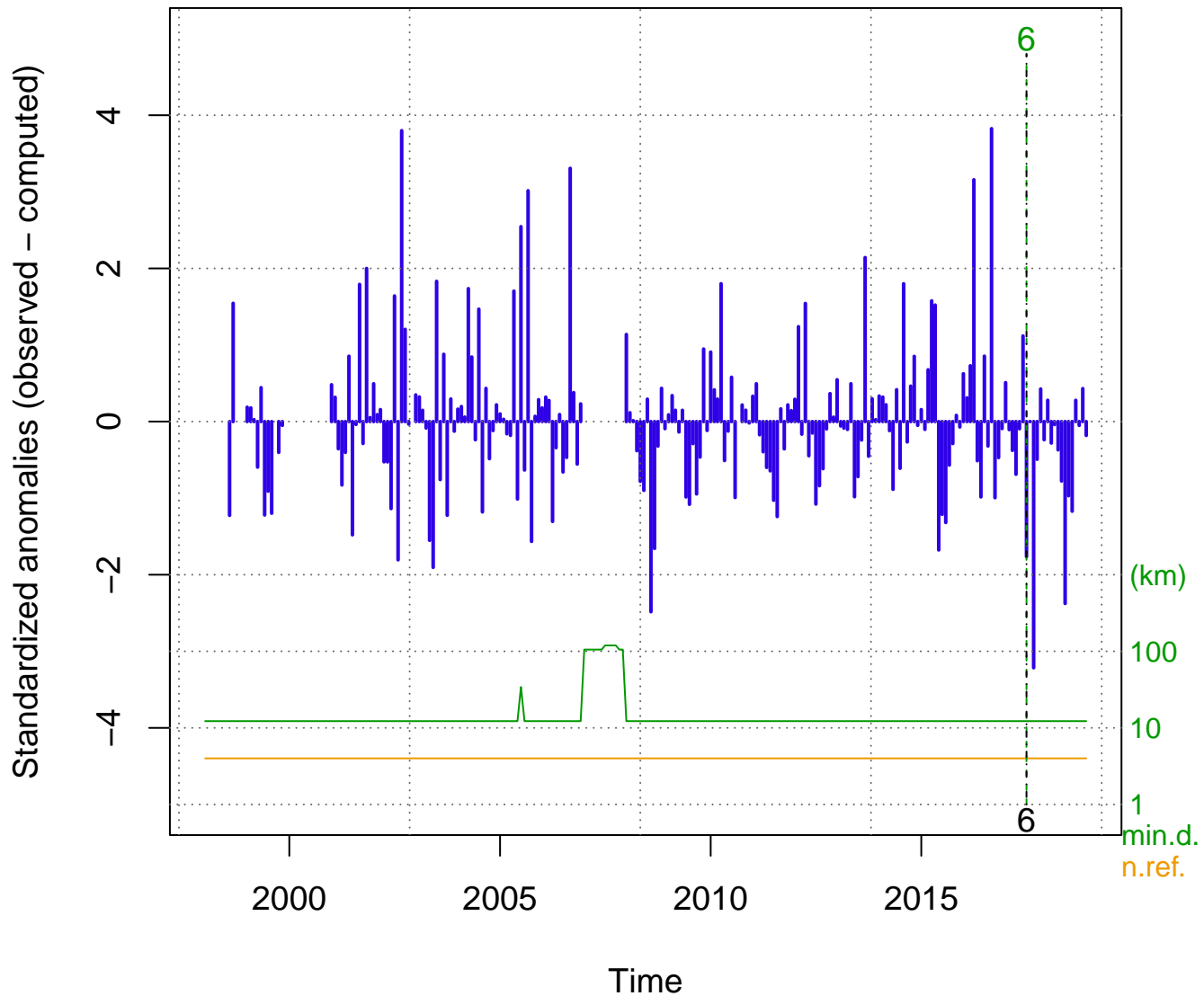
Rmon 18 (19117) EJIDO MARIN



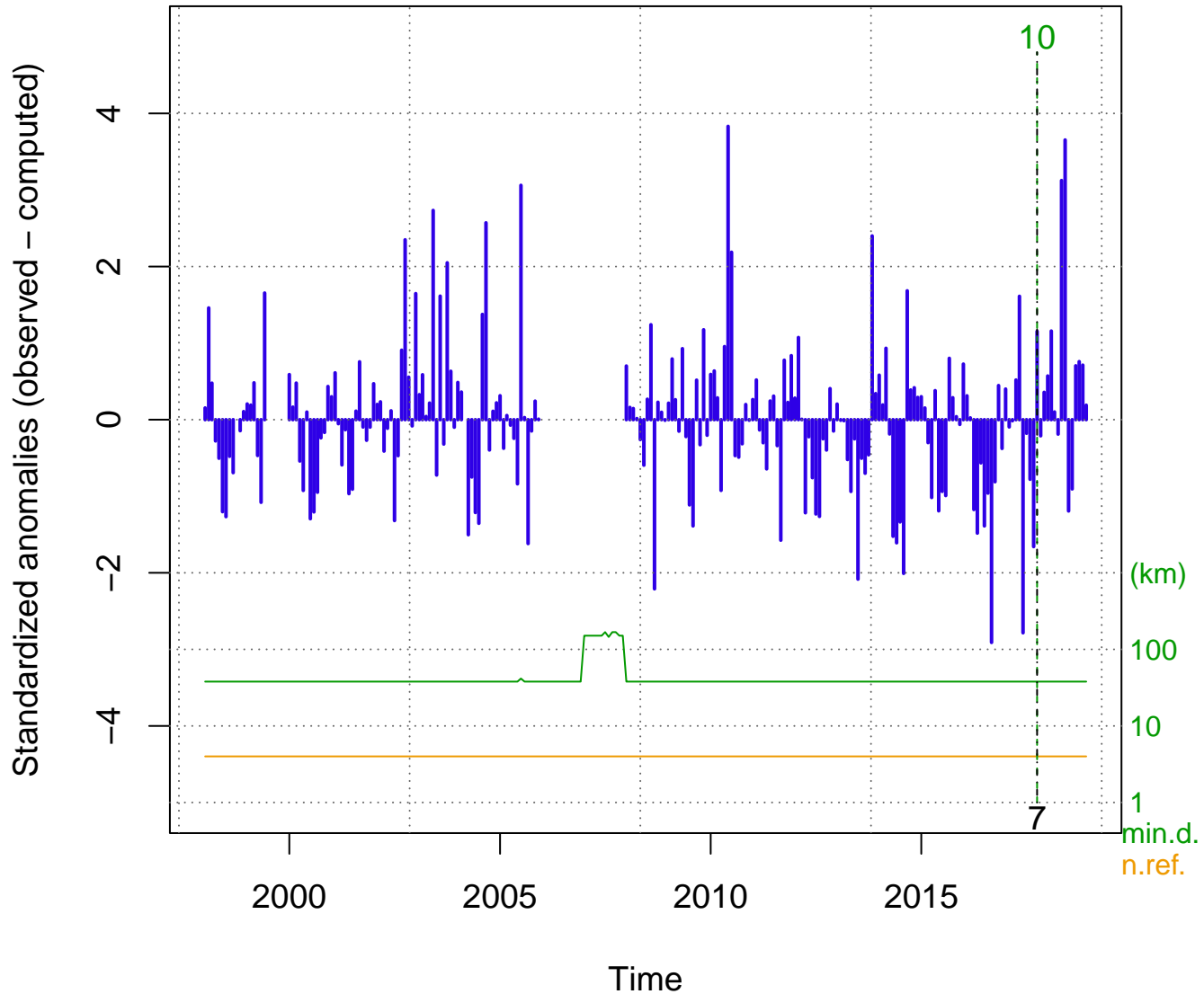
Rmon 19 (19015) EL CERRITO



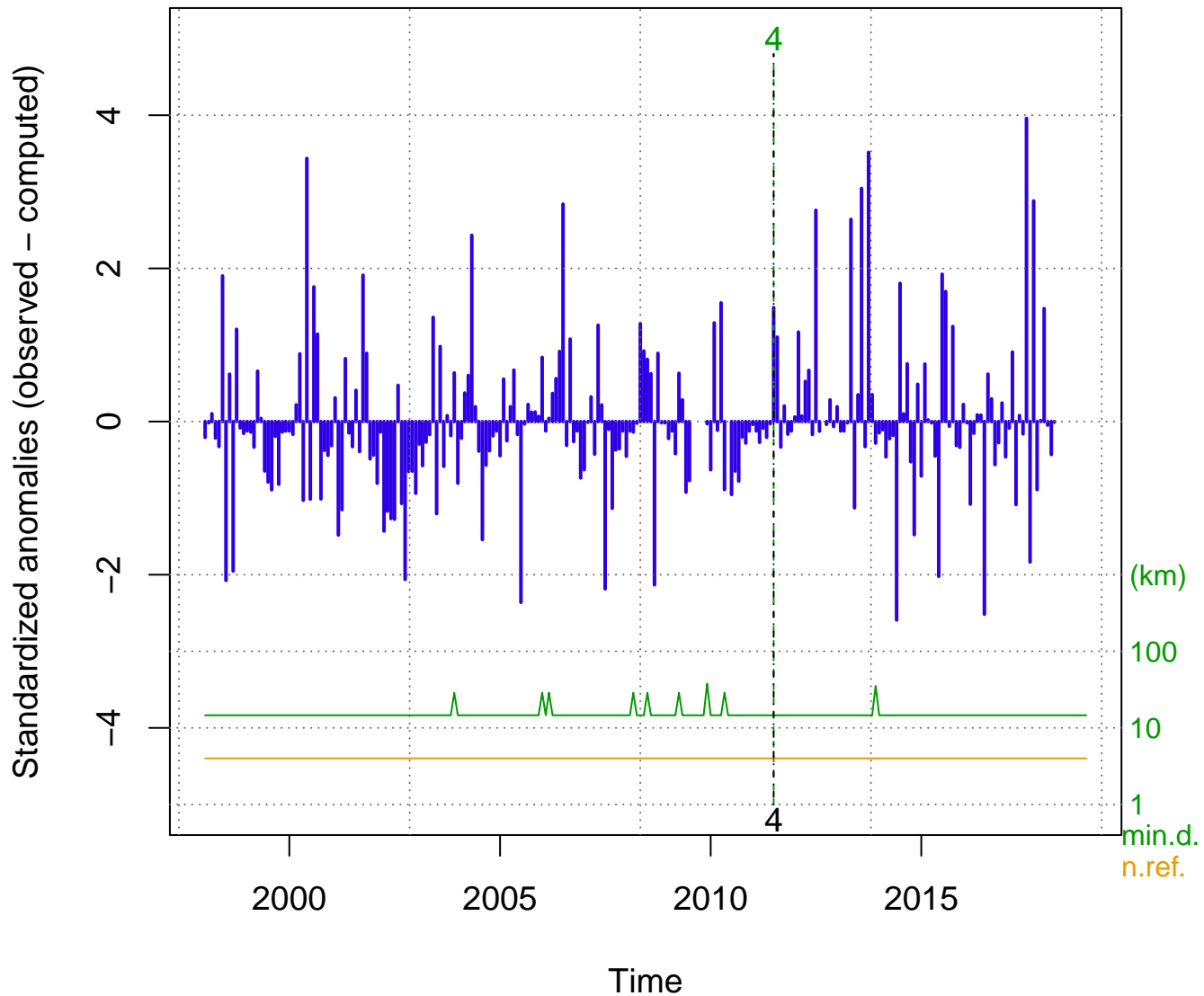
Rmon 20 (19016) EL CUCHILLO



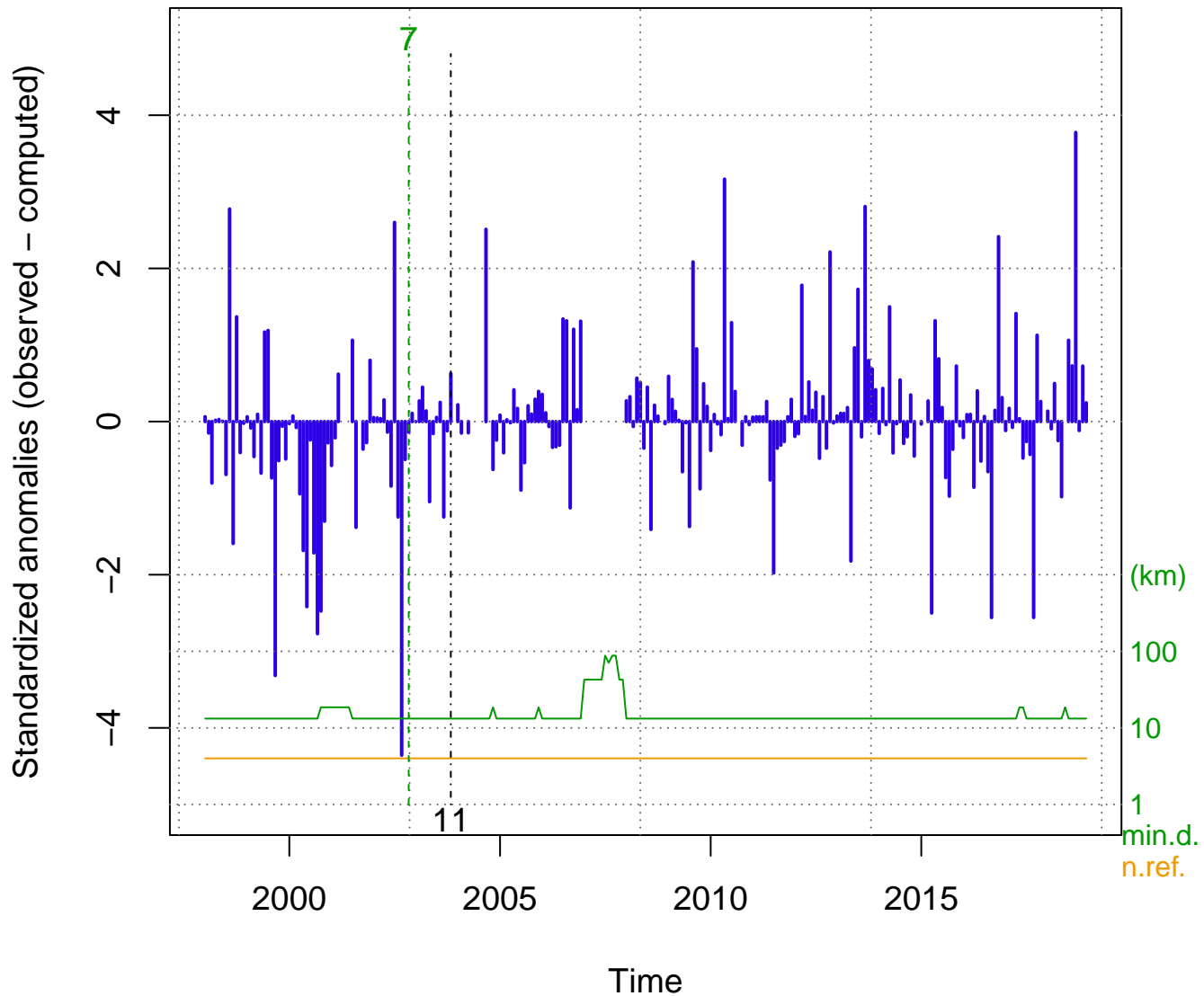
Rmon 21 (19114) EL CUERVITO



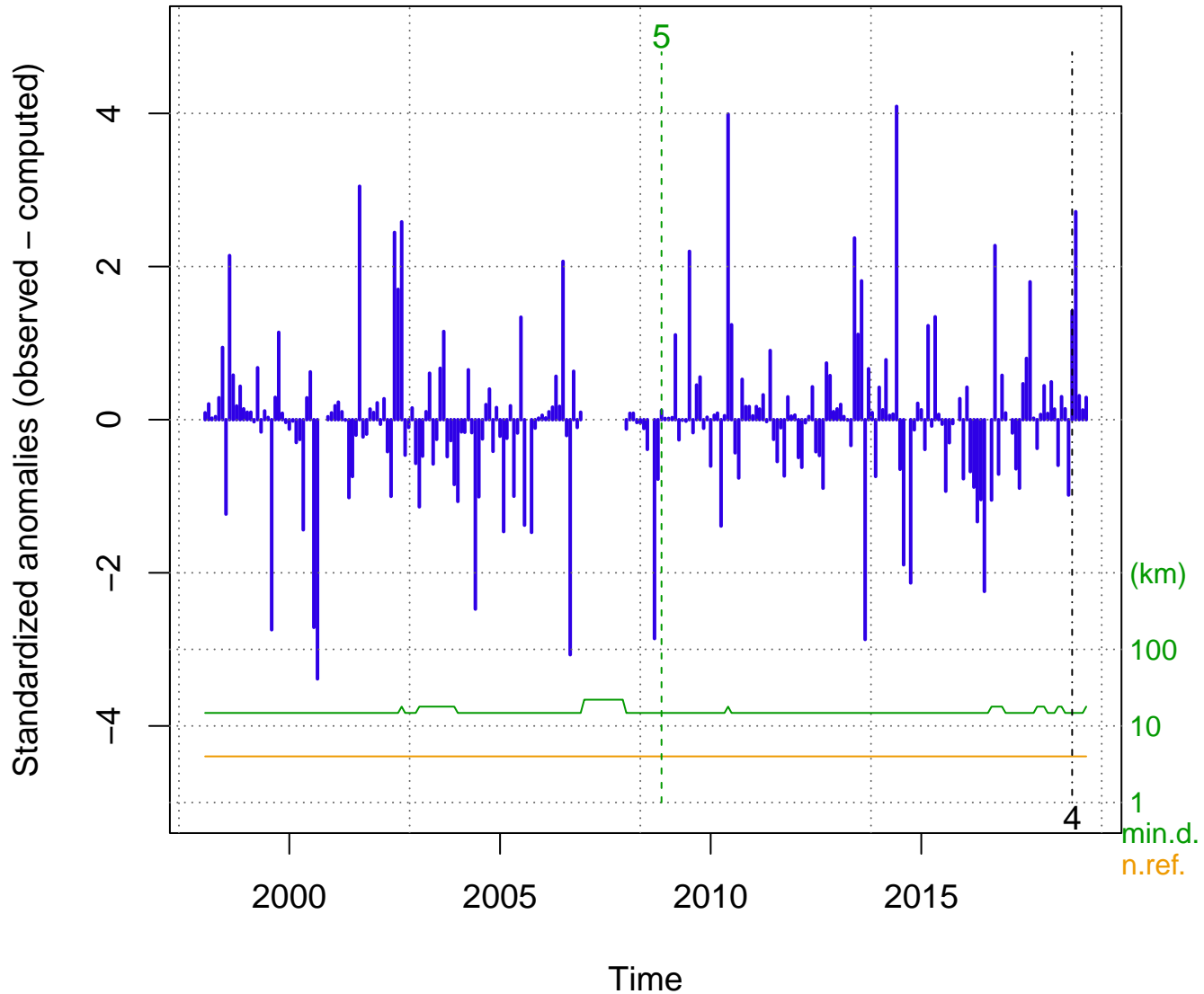
Rmon 22 (19115) EL CUIJE



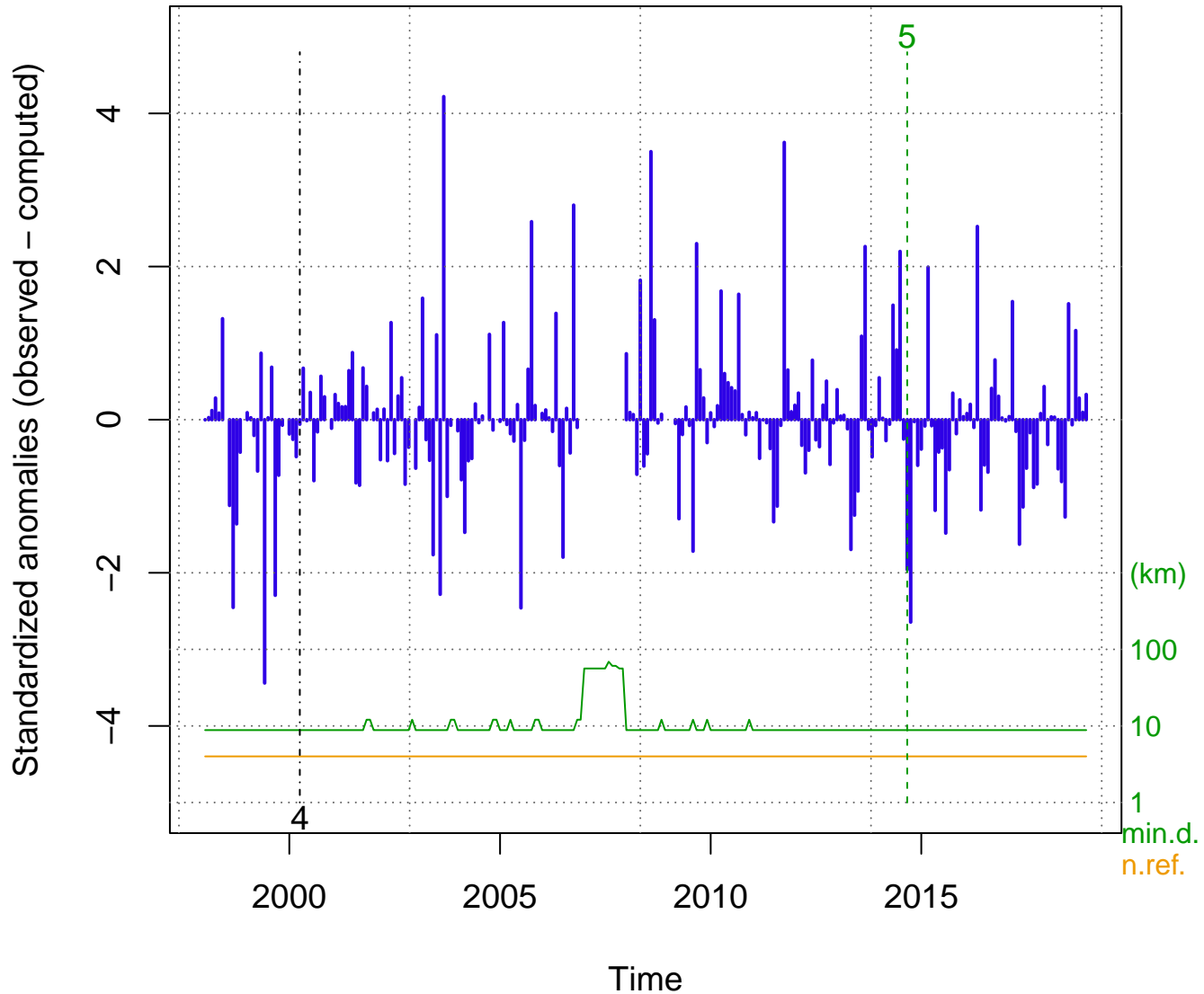
Rmon 23 (19170) EL HOJASE



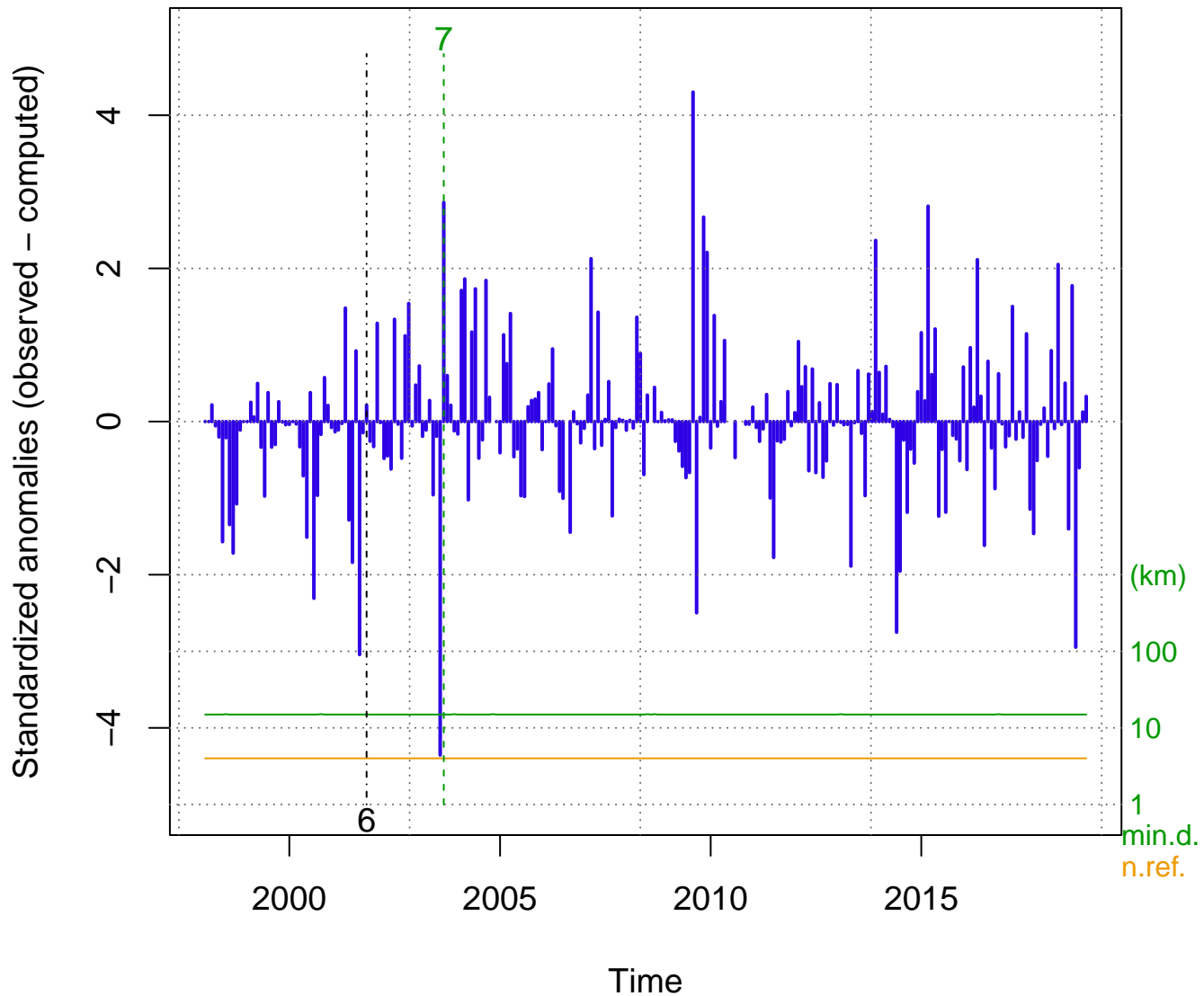
Rmon 24 (19018) EL PAJONAL



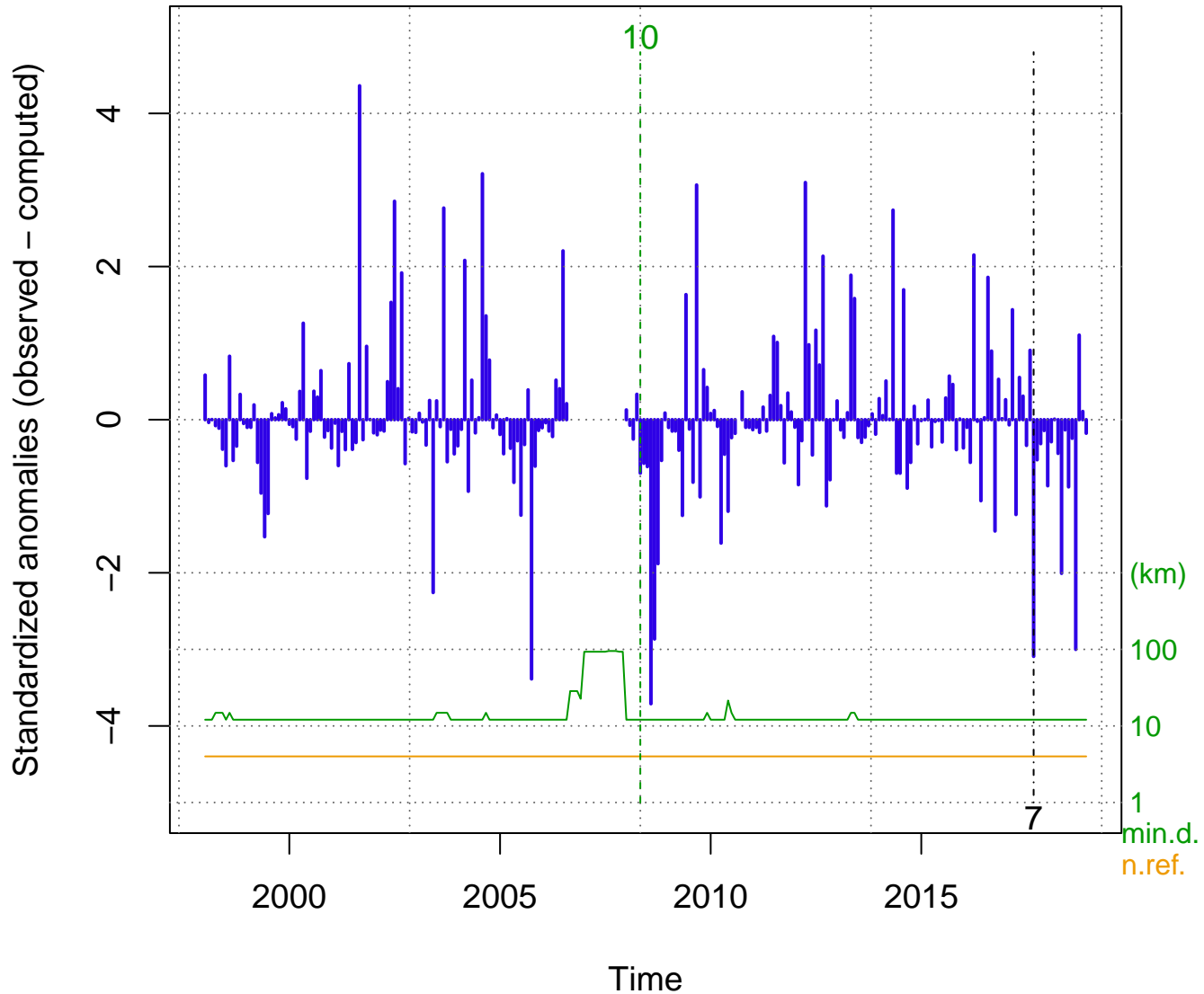
Rmon 25 (19154) EL POPOTE



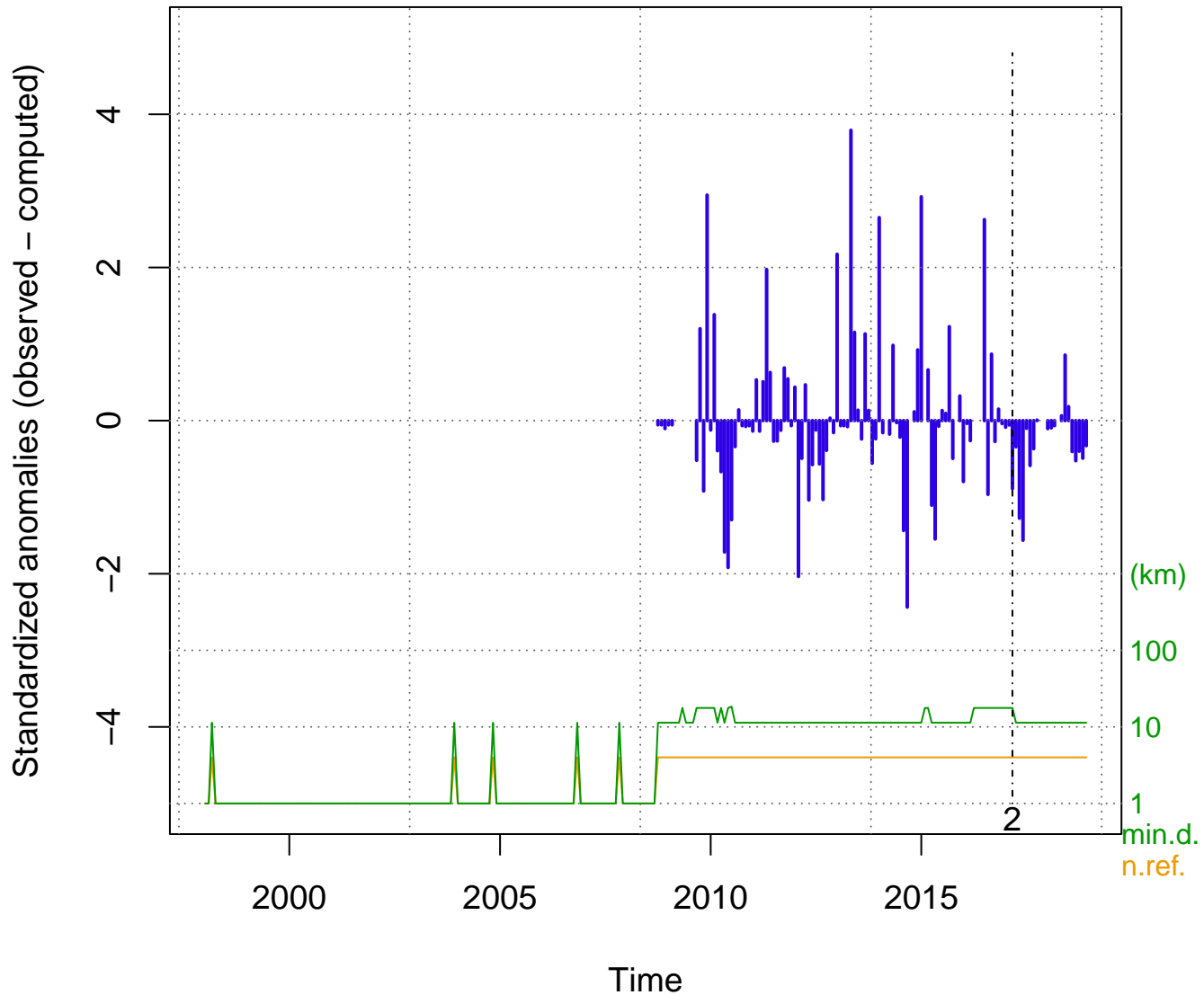
Rmon 26 (19020) EL POTOSI



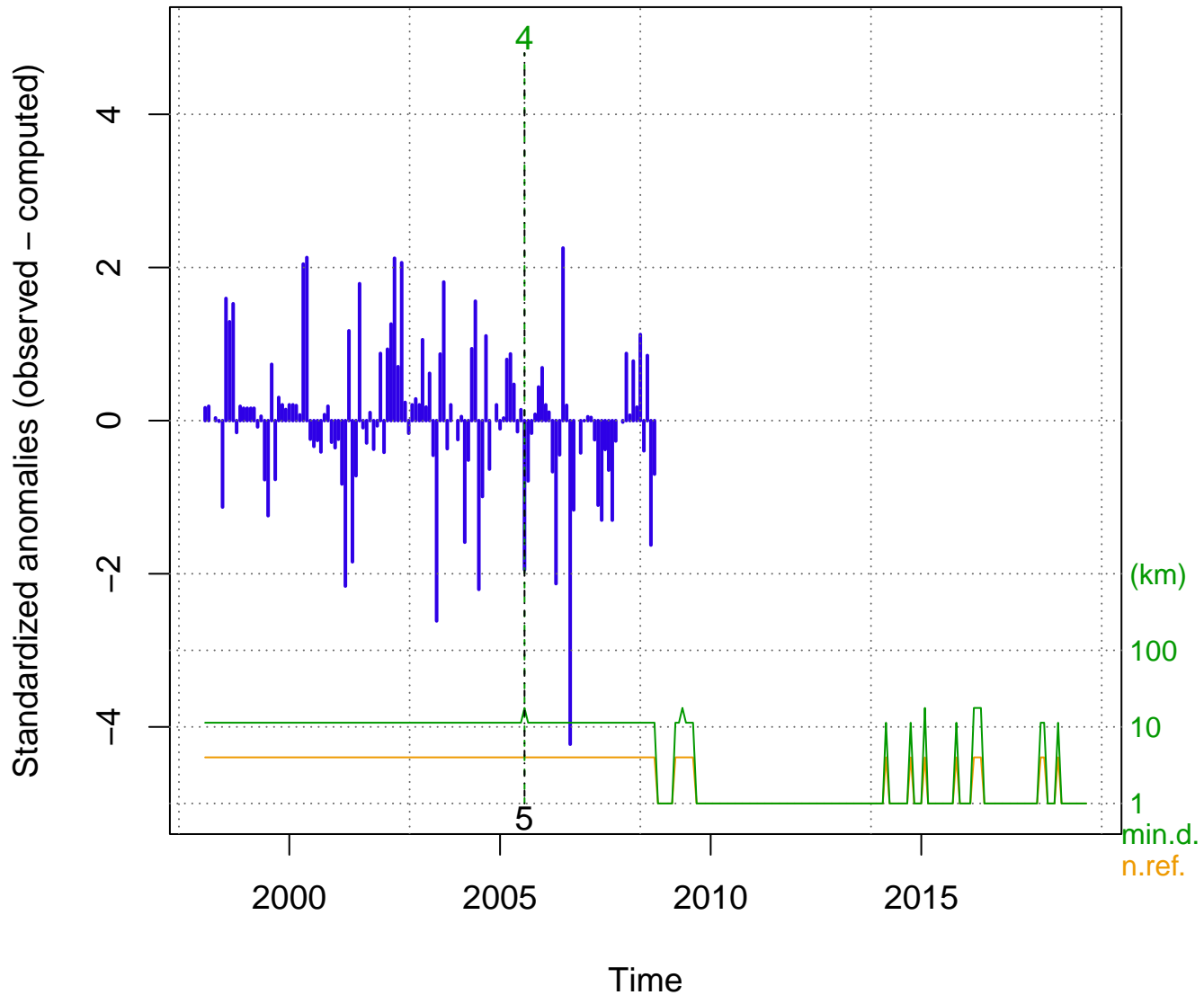
Rmon 27 (19074) EL REALITO



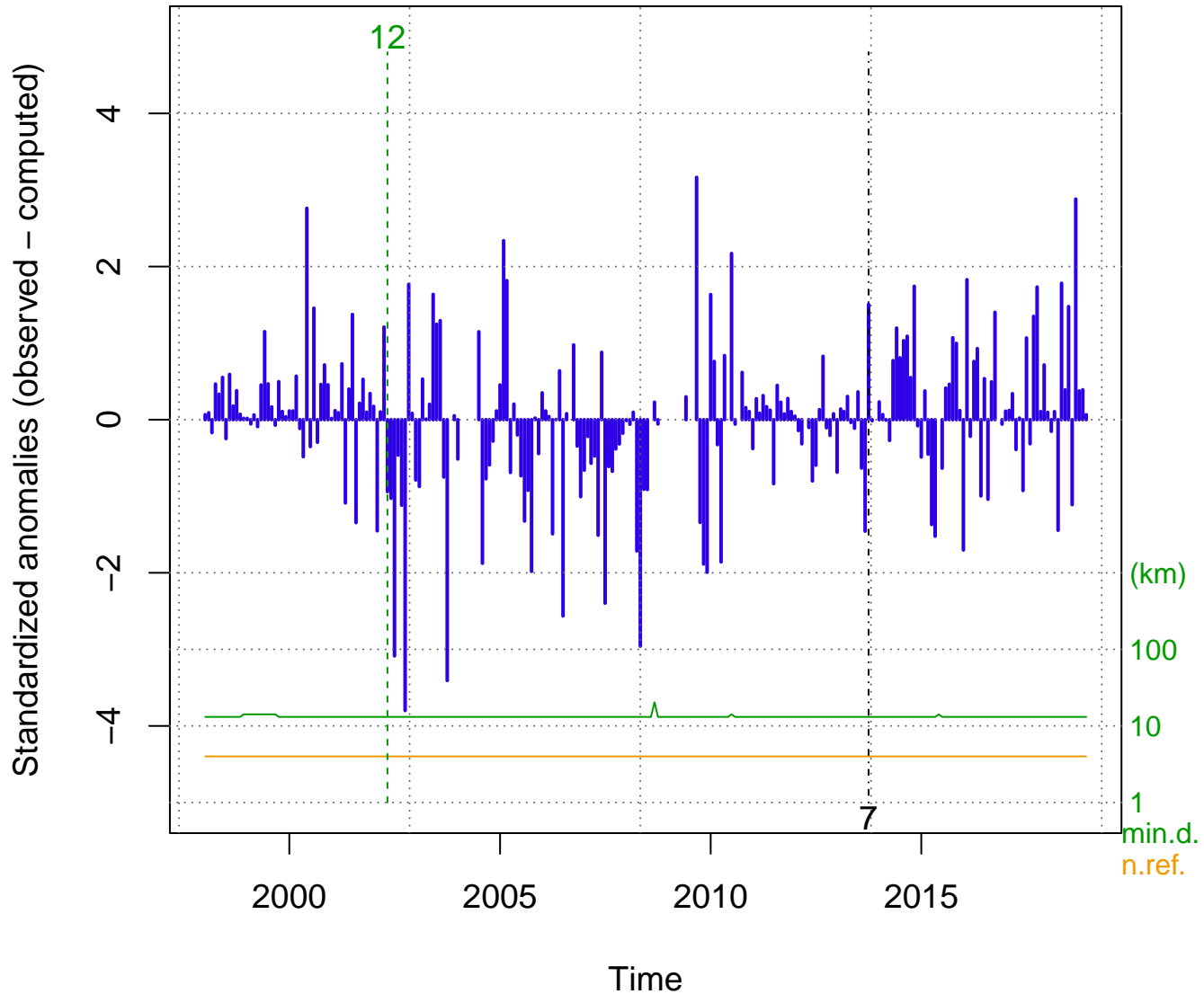
Rmon 28 (19079) EL REFUGIO DE LOS IBARRA



Rmon 93 (19079-2) EL REFUGIO DE LOS IBARRA-2

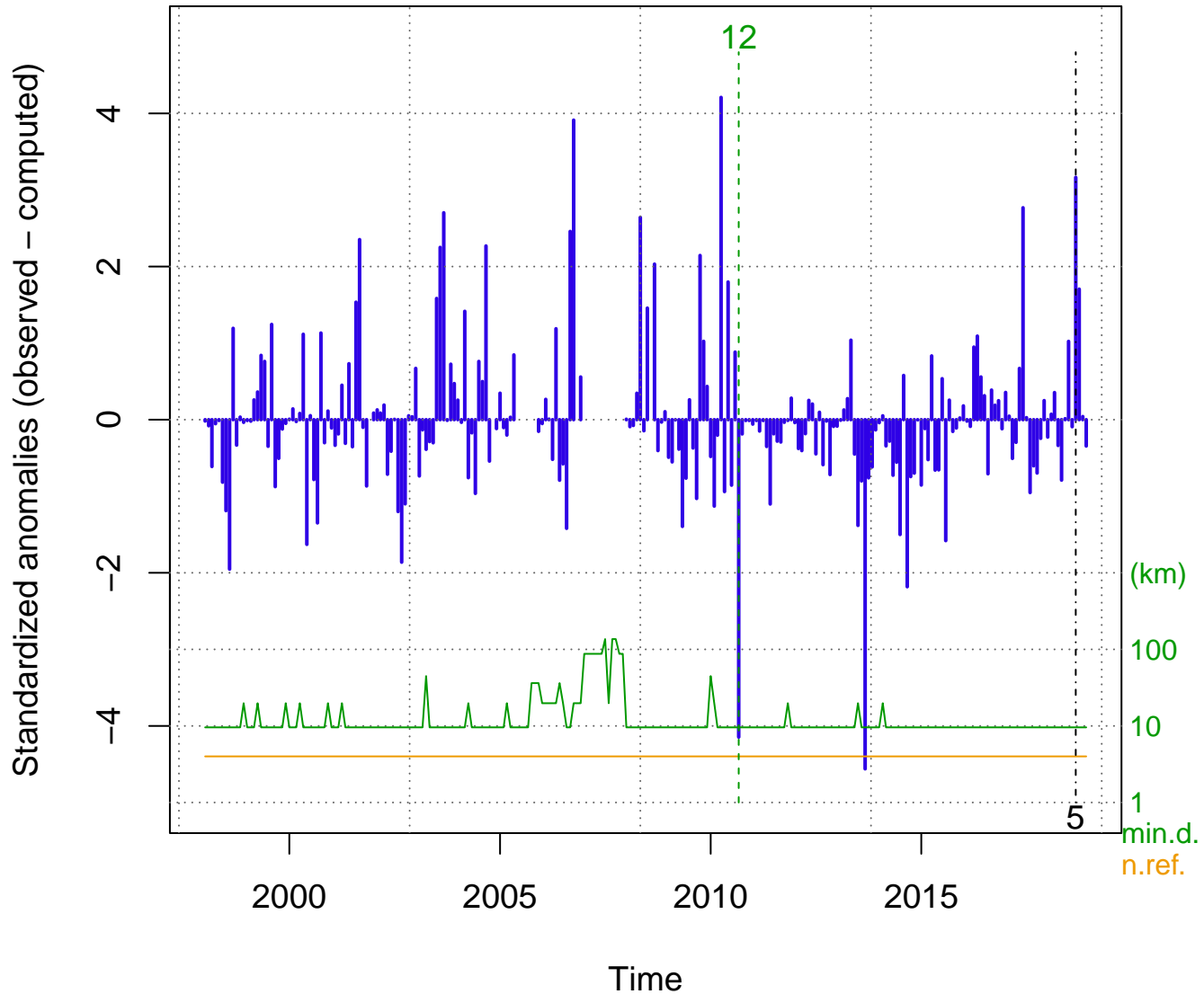


Rmon 29 (19067) EL RUCIO

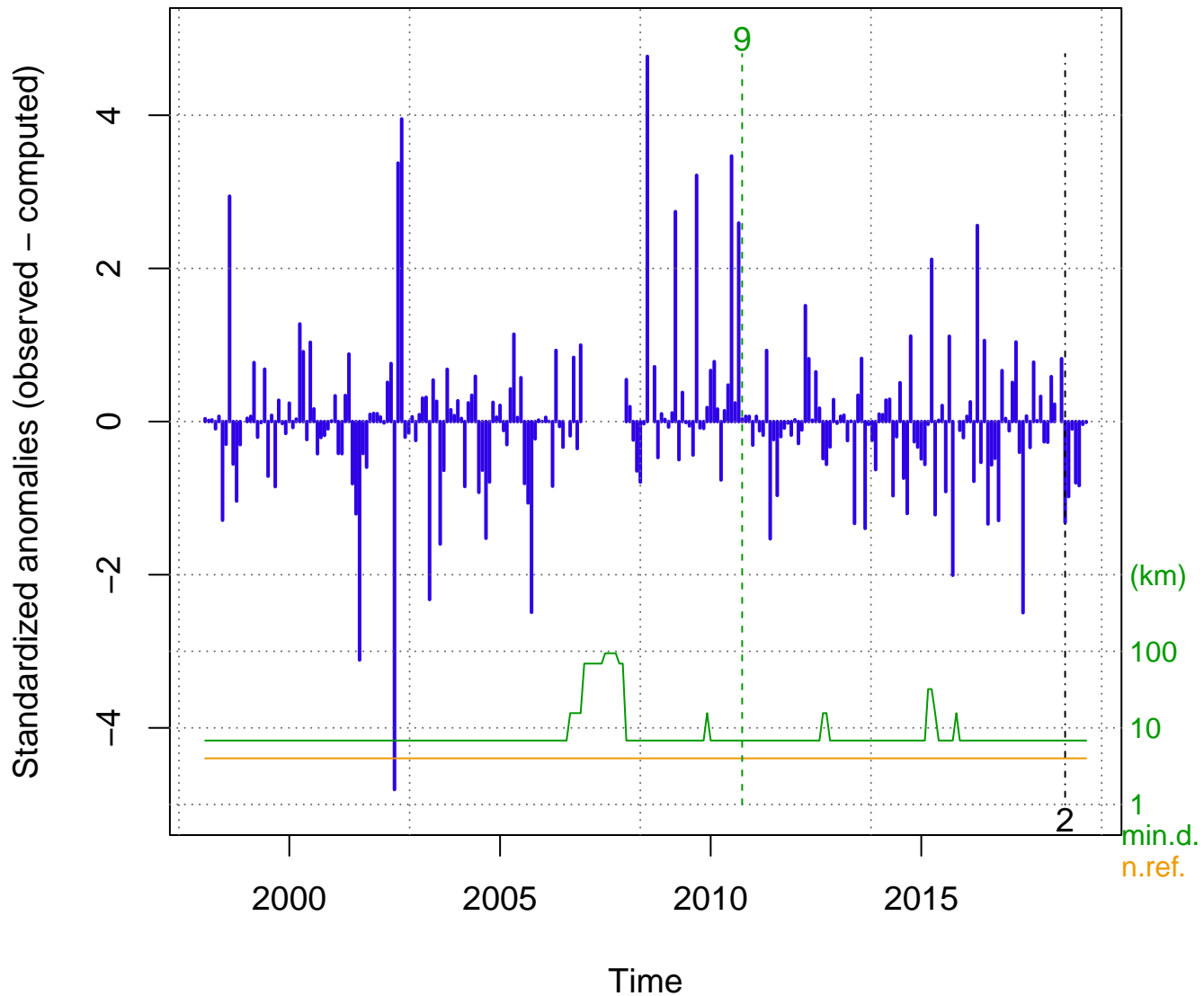


Rmon 30 (19021)

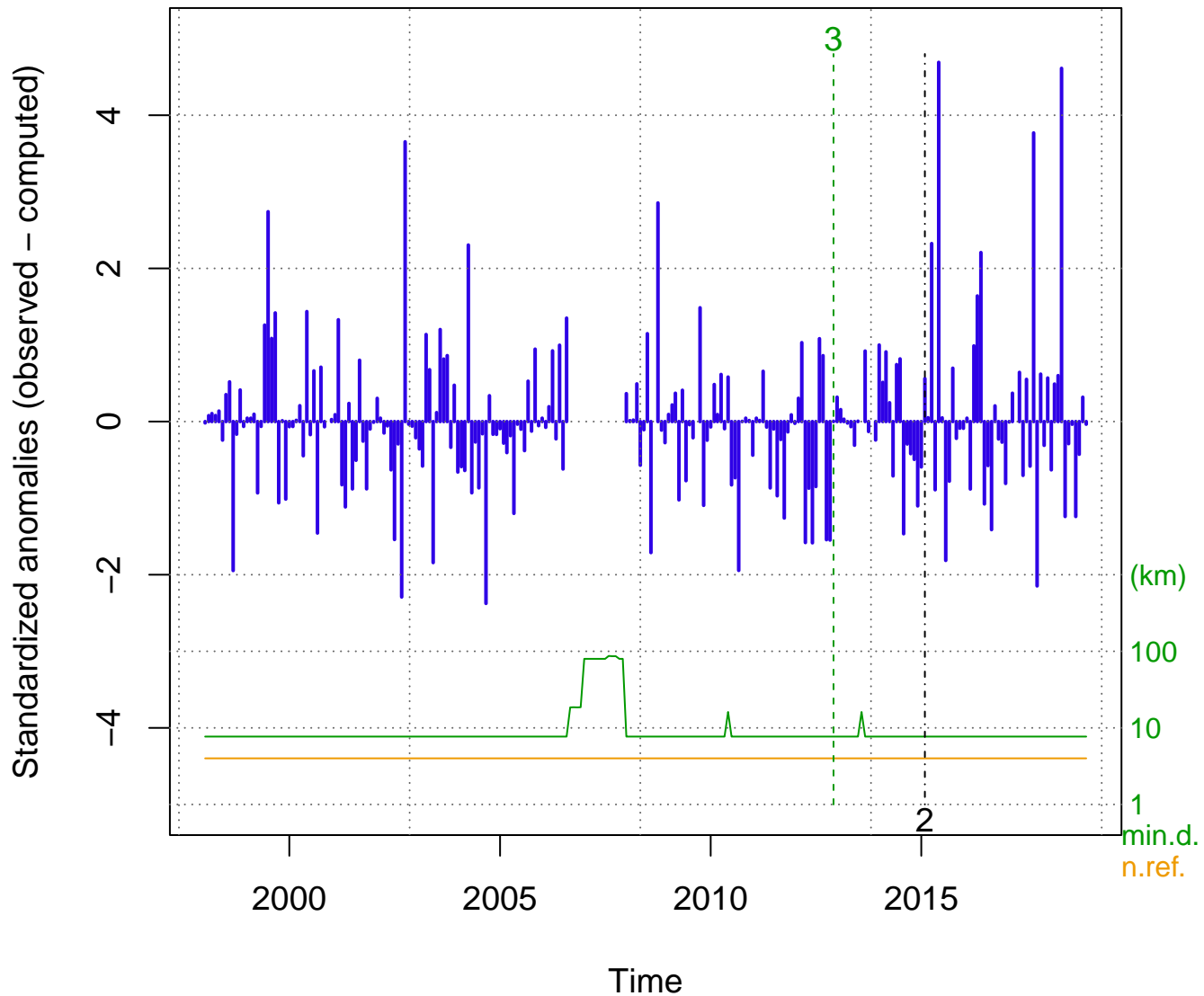
GARZA AYALA



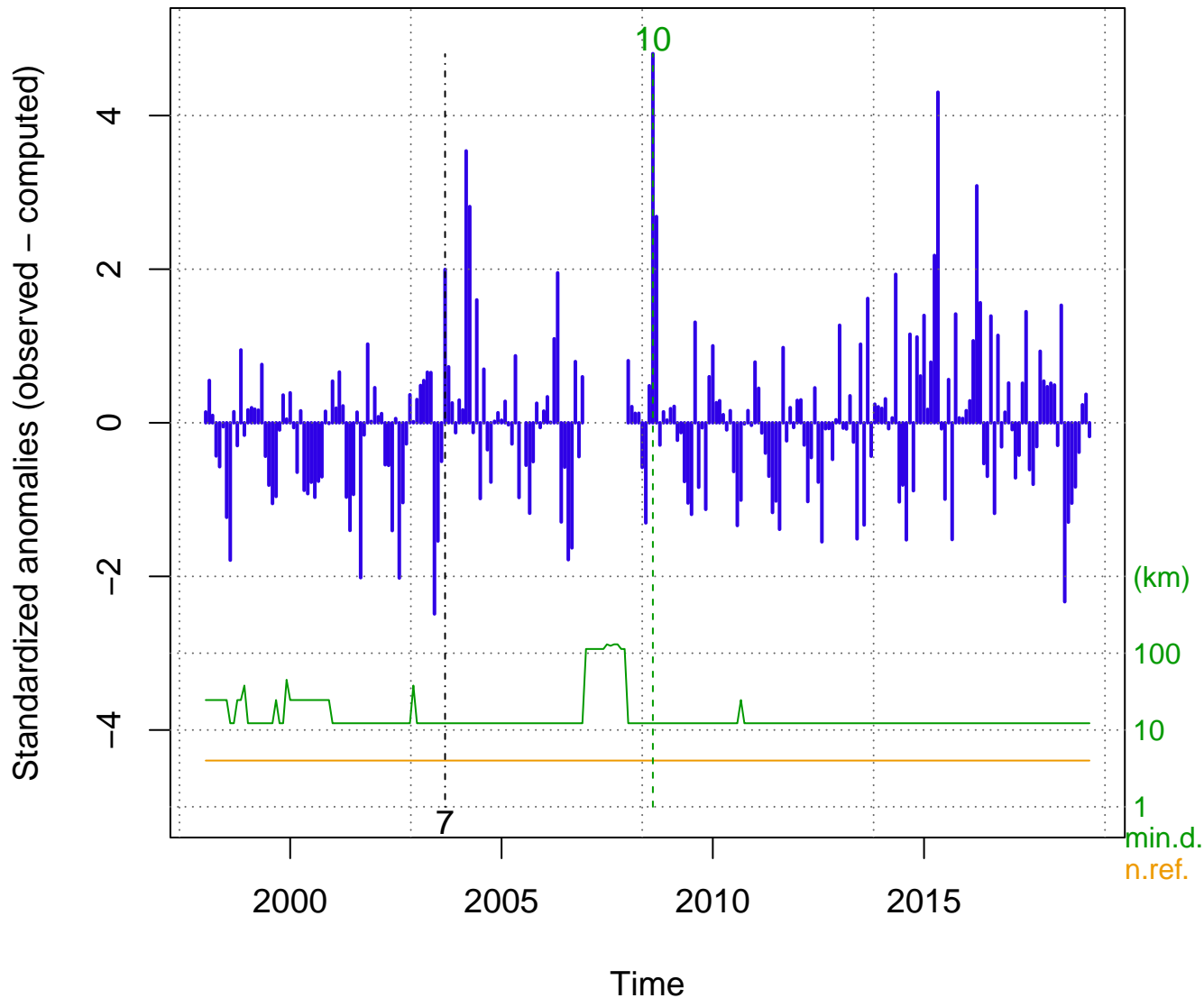
Rmon 31 (19169) GARZA GONZALEZ



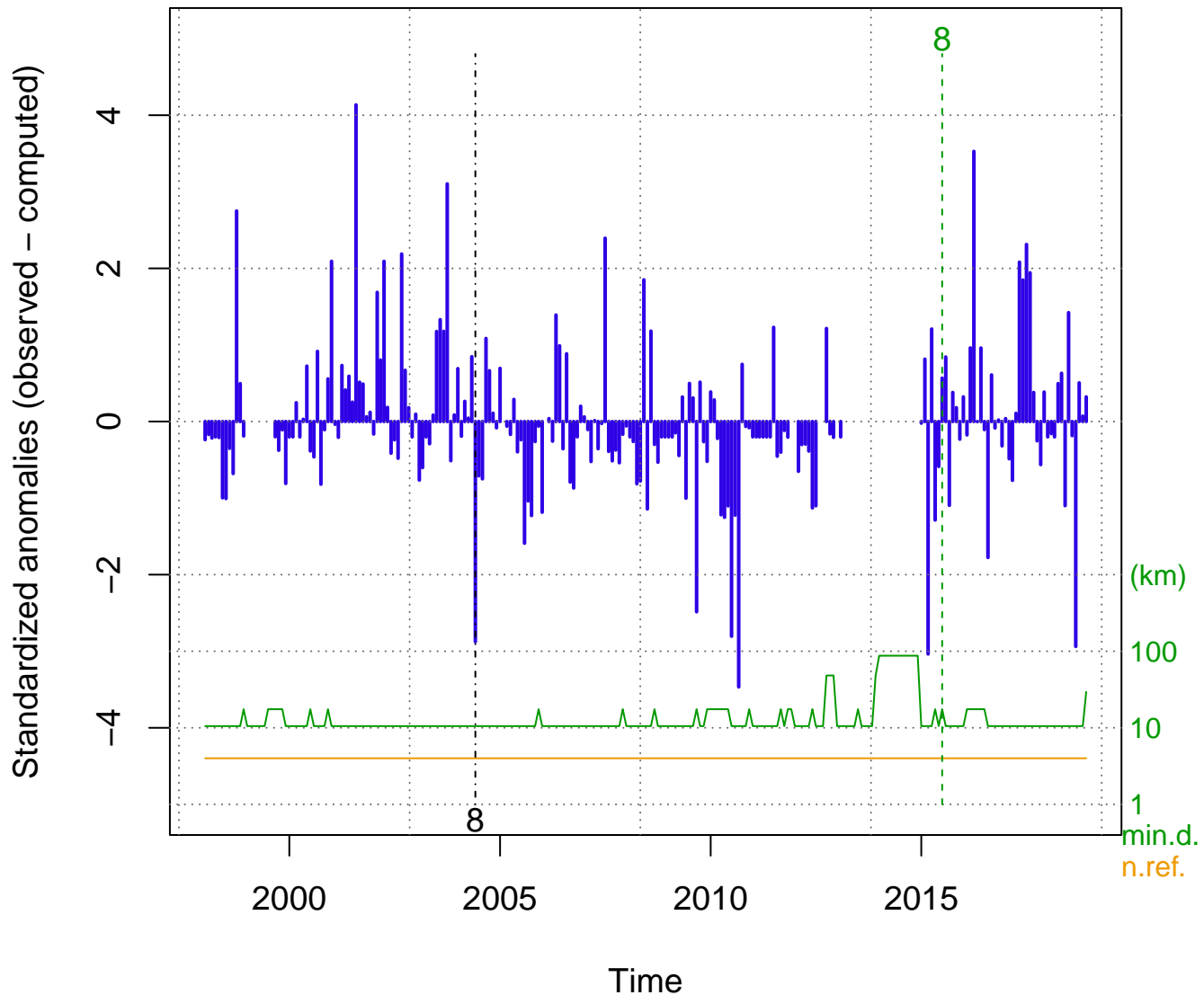
Rmon 32 (19121) GATOS GNEROS



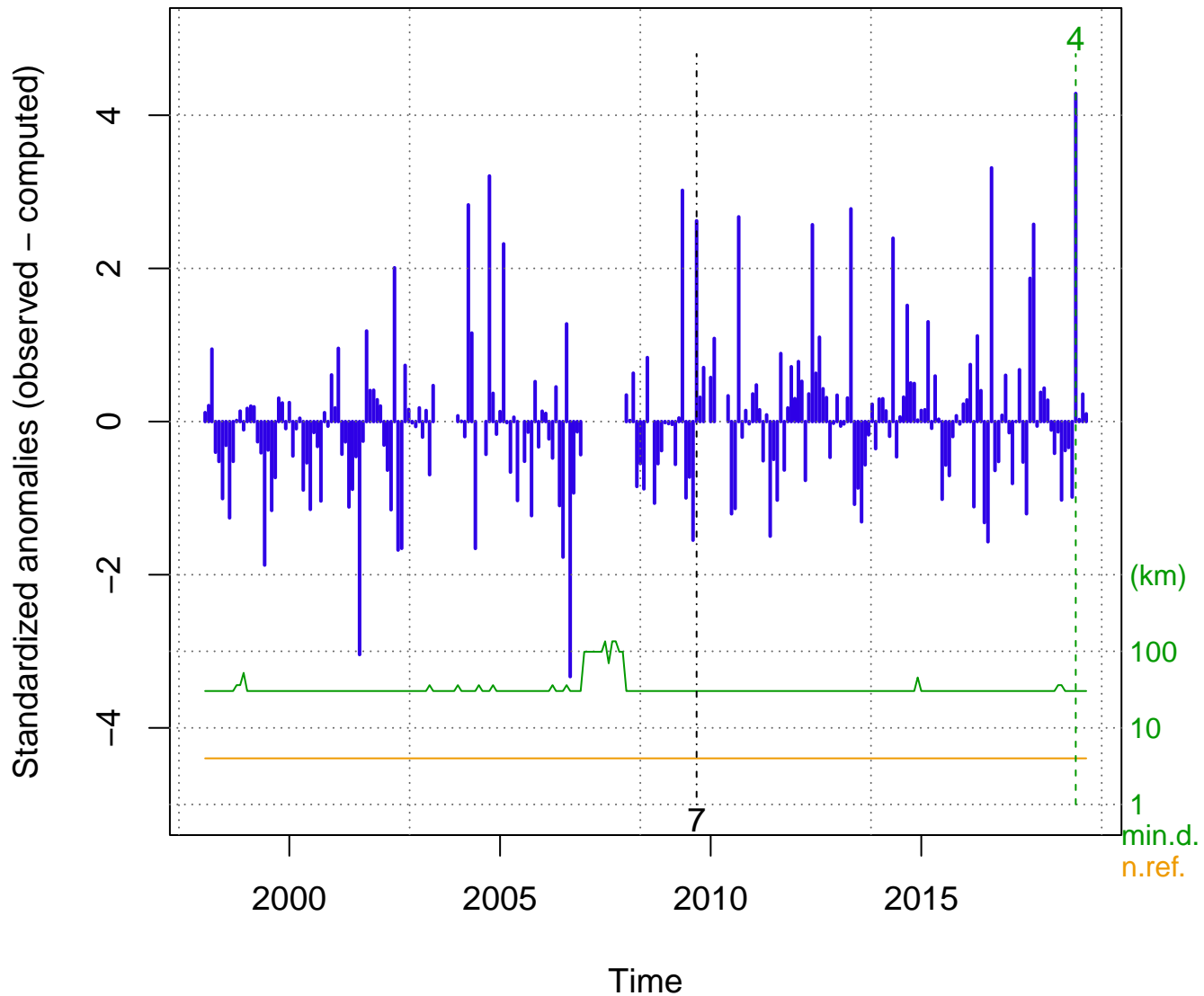
Rmon 33 (19022) GENERAL BRAVO (DGE)



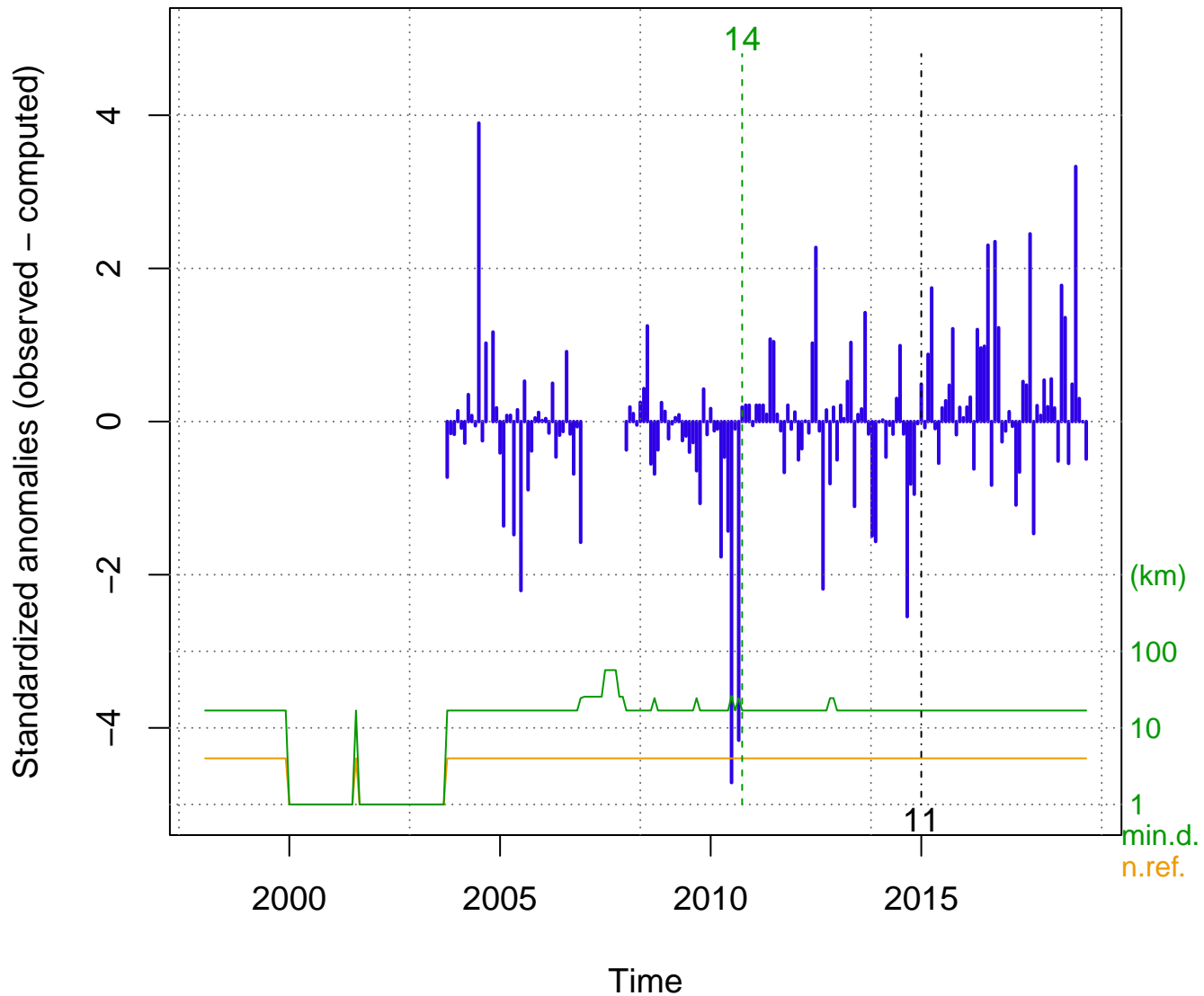
Rmon 34 (5016) GENERAL CEPEDA



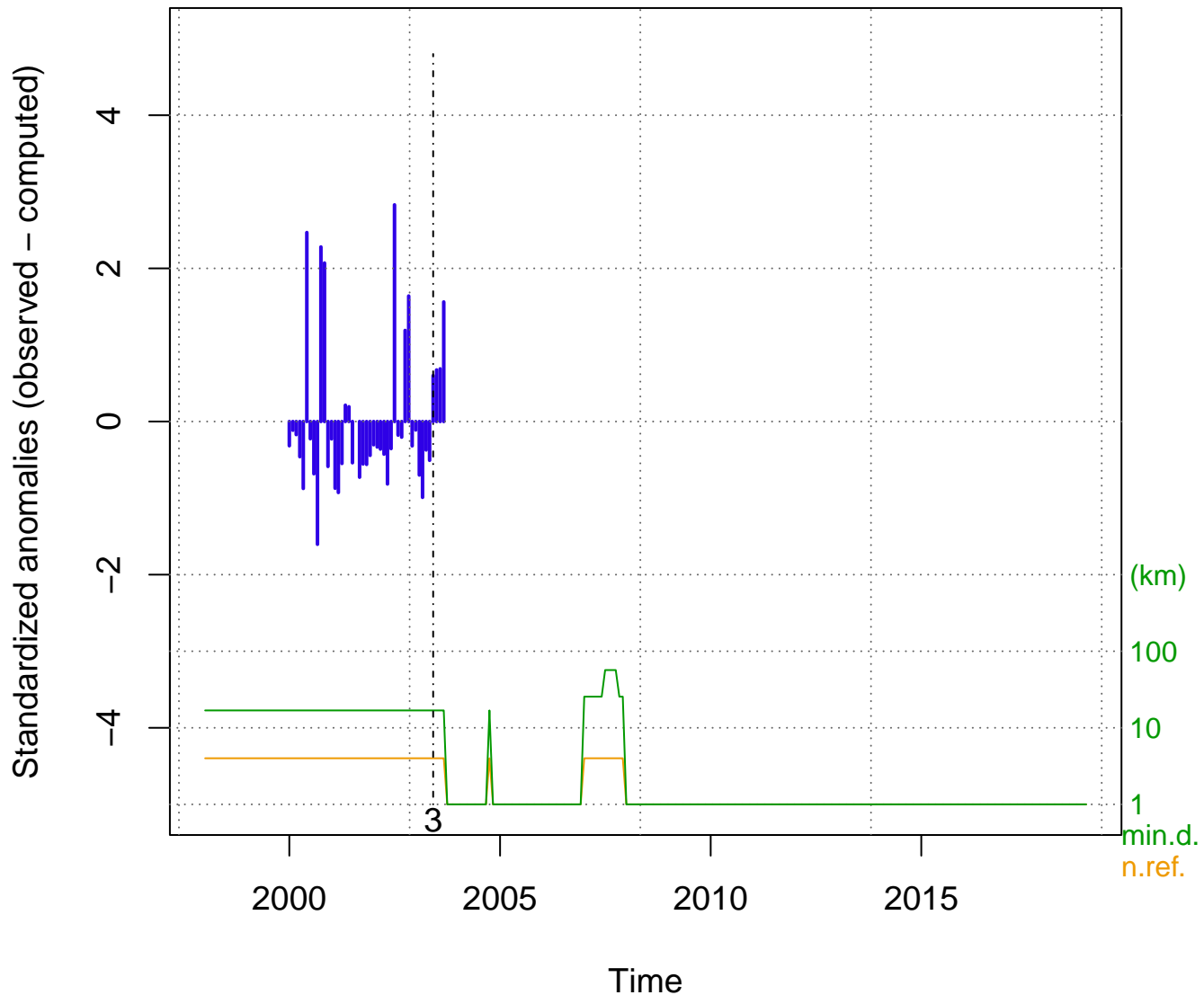
Rmon 35 (19098) GENERAL TREVINO



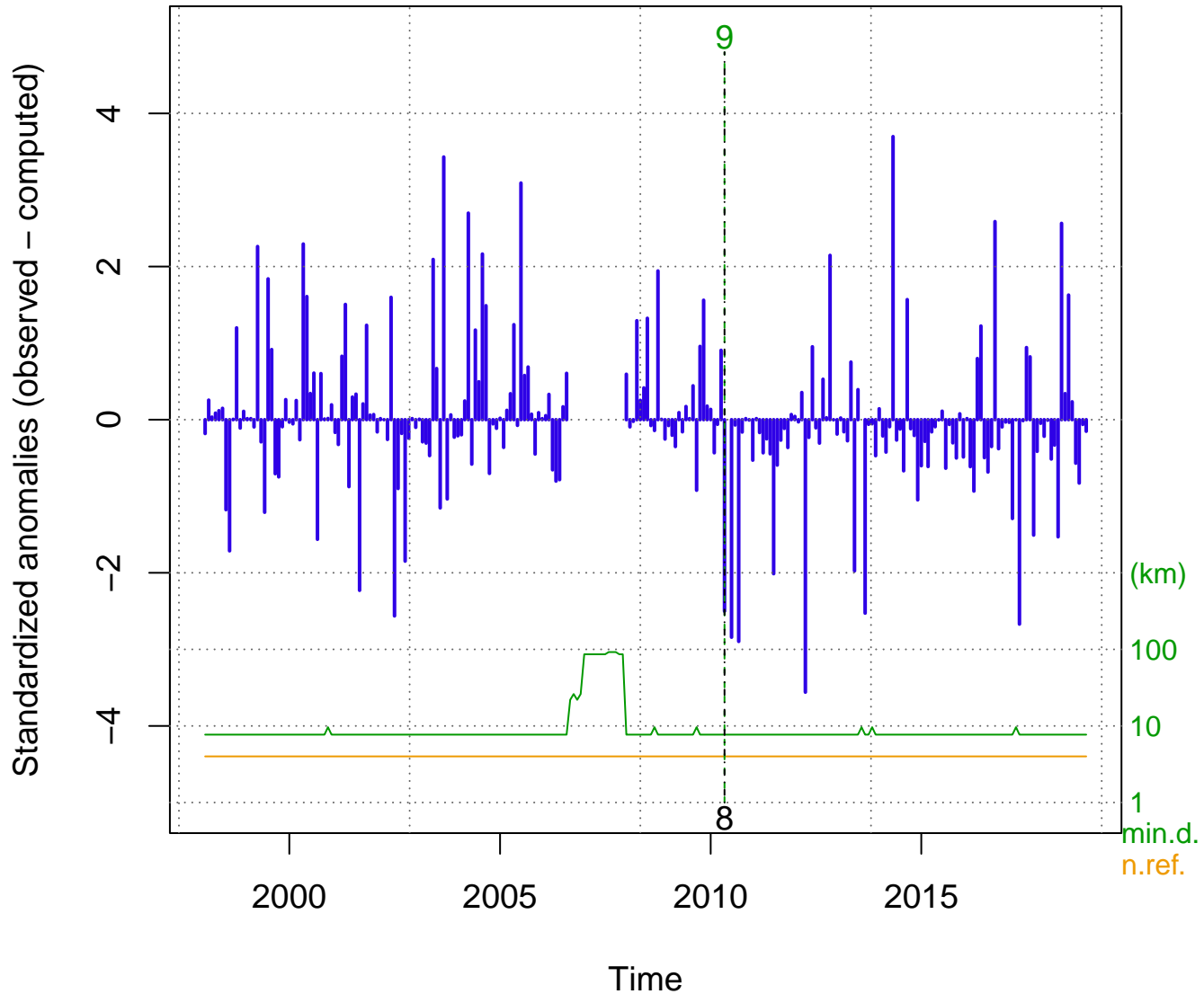
Rmon 36 (19123) GRUTAS DE GARCIA



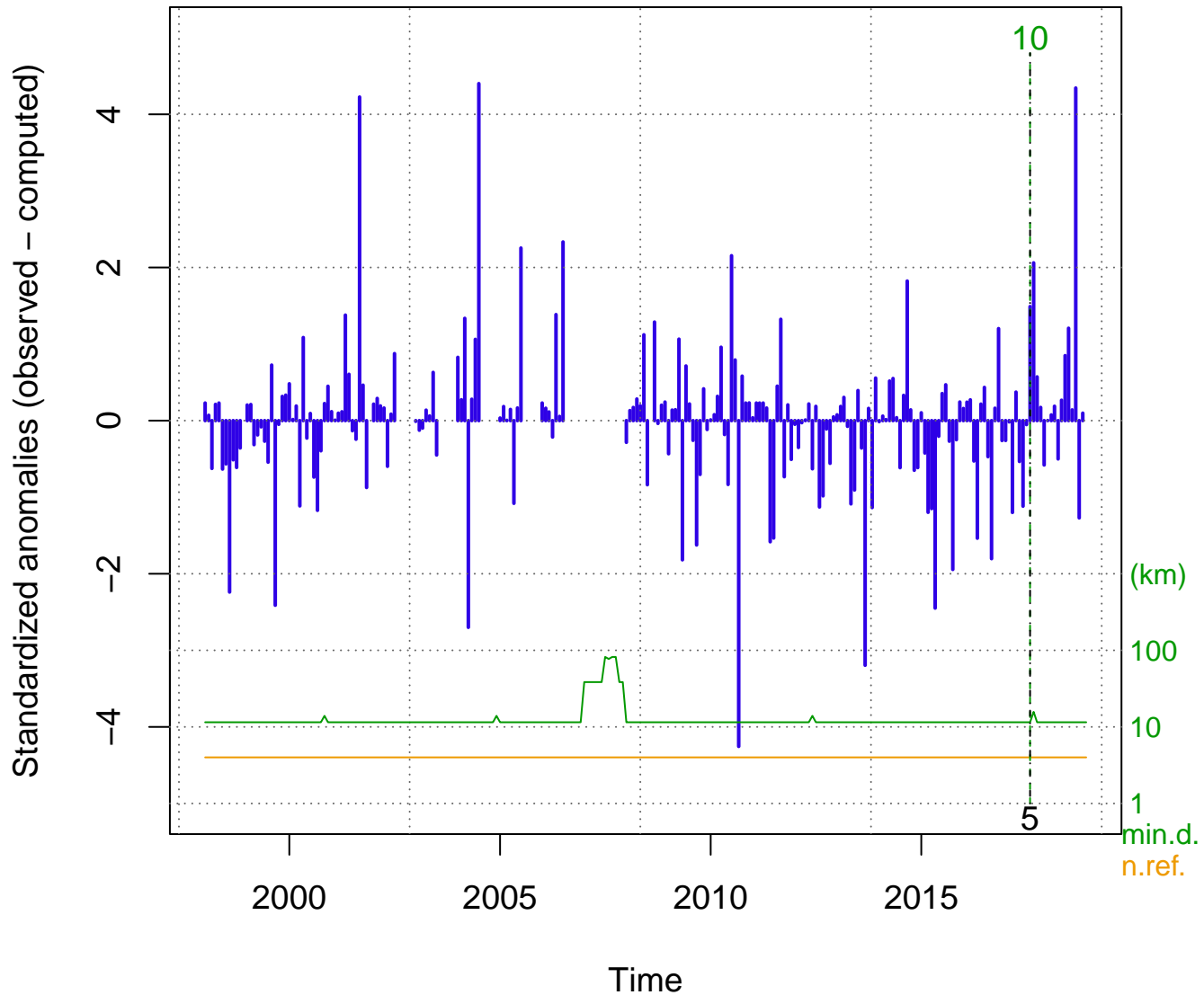
Rmon 91 (19123-2) GRUTAS DE GARCIA-2



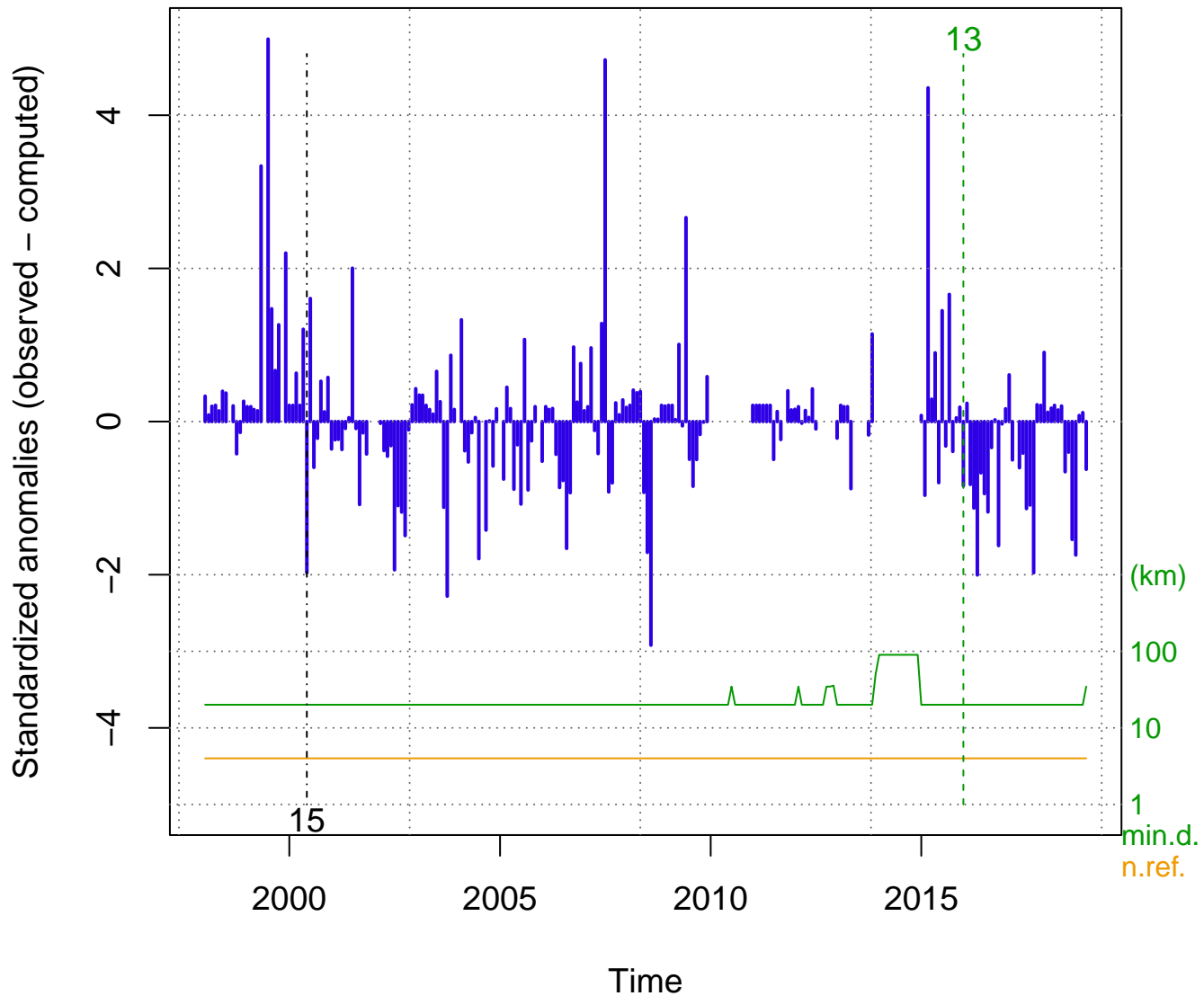
Rmon 37 (19190) GUADALUPE LA JOYA



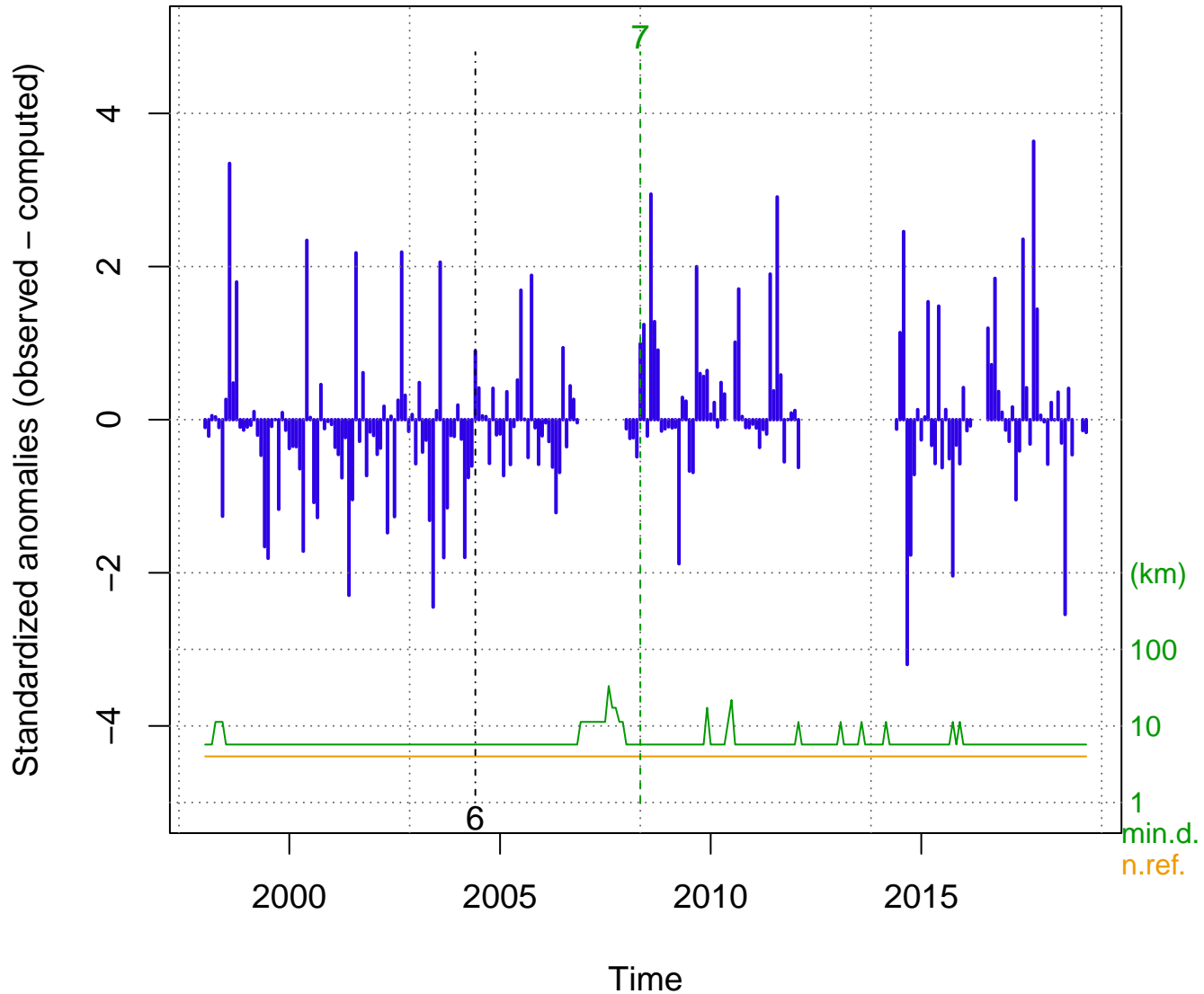
Rmon 38 (19124) HIGUERAS (DGE)



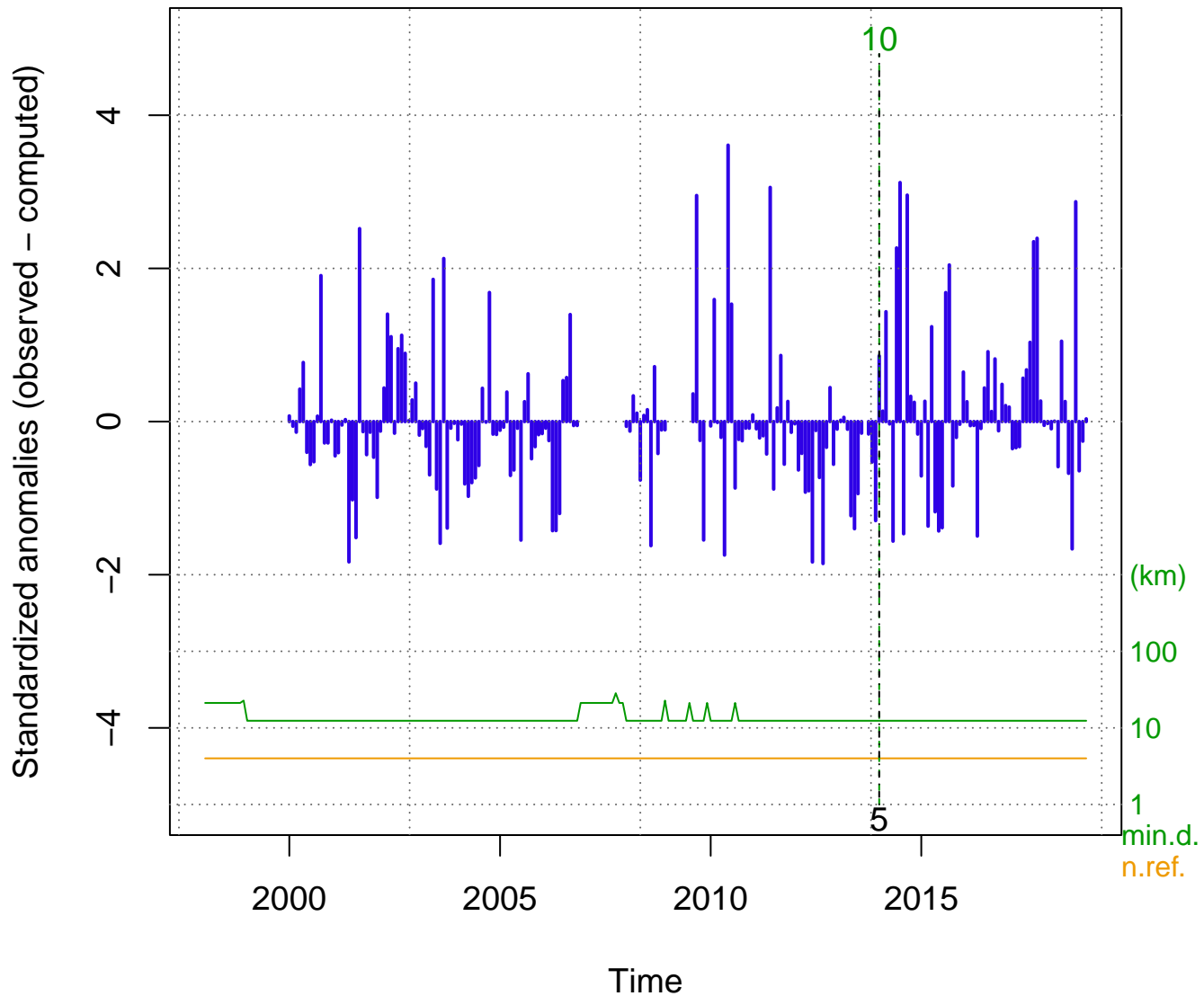
Rmon 39 (5142) HIPOLITO



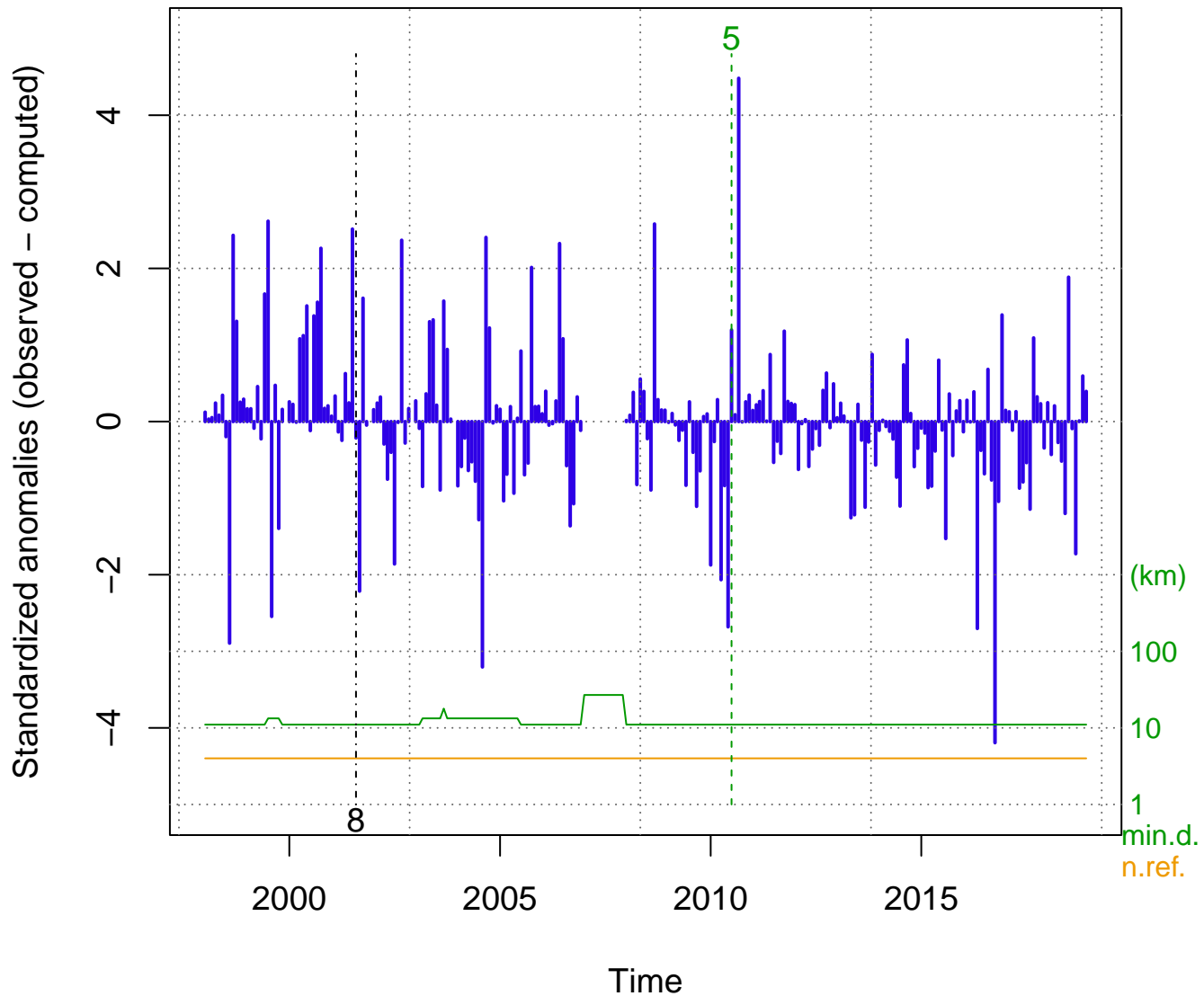
Rmon 40 (19027) ITURBIDE



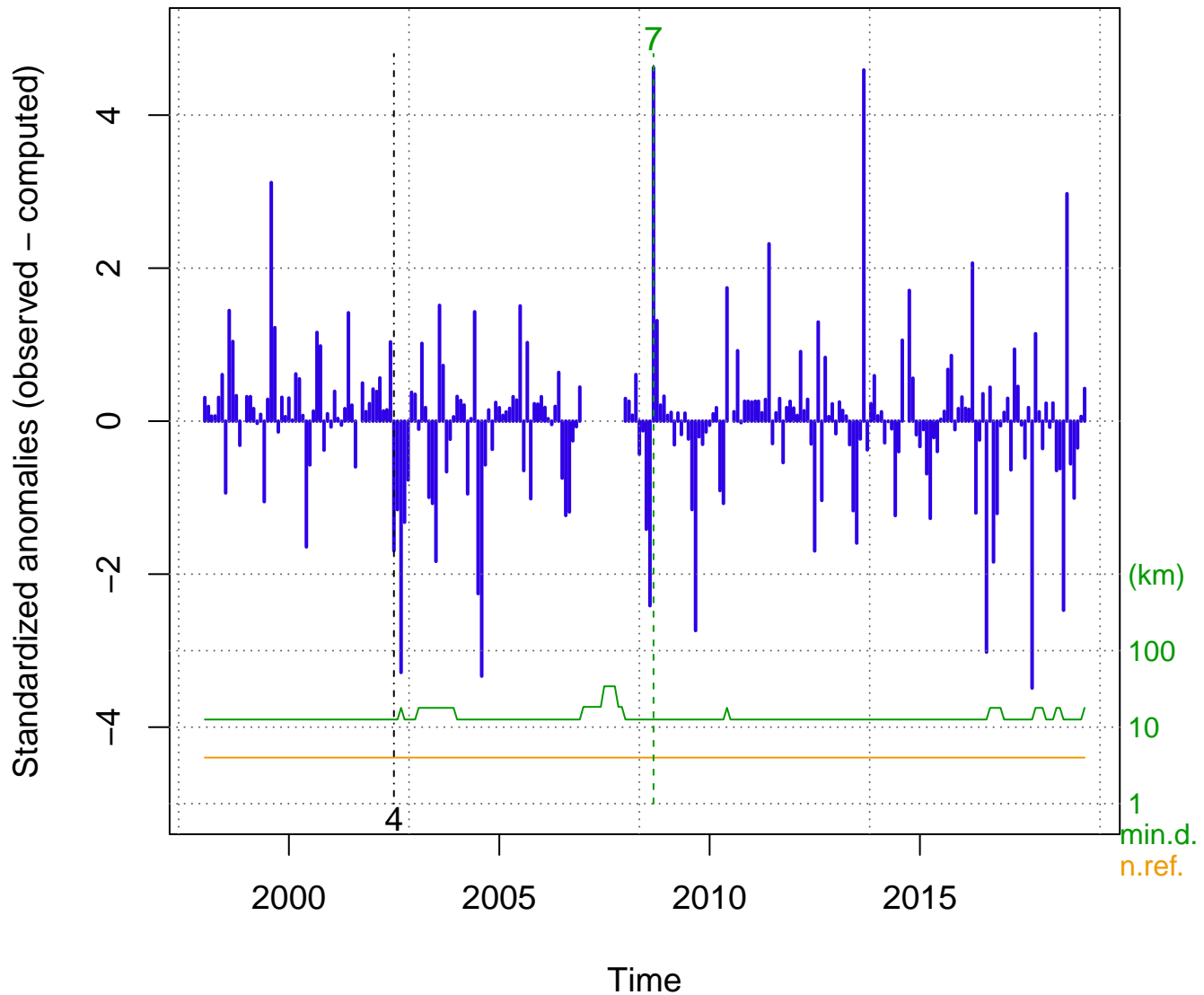
Rmon 41 (19111) LA ASCENCION



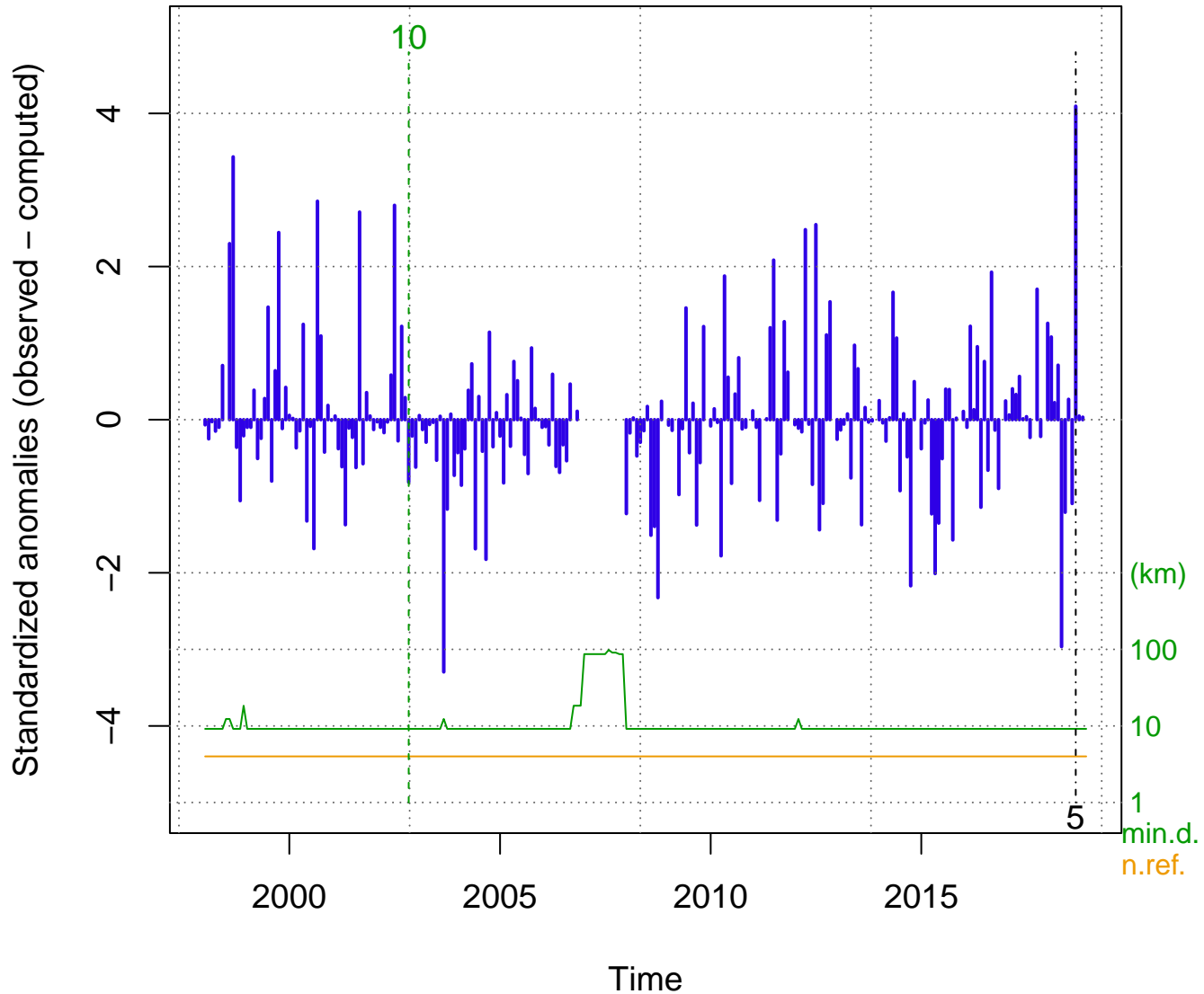
Rmon 42 (19069) LA BOCA



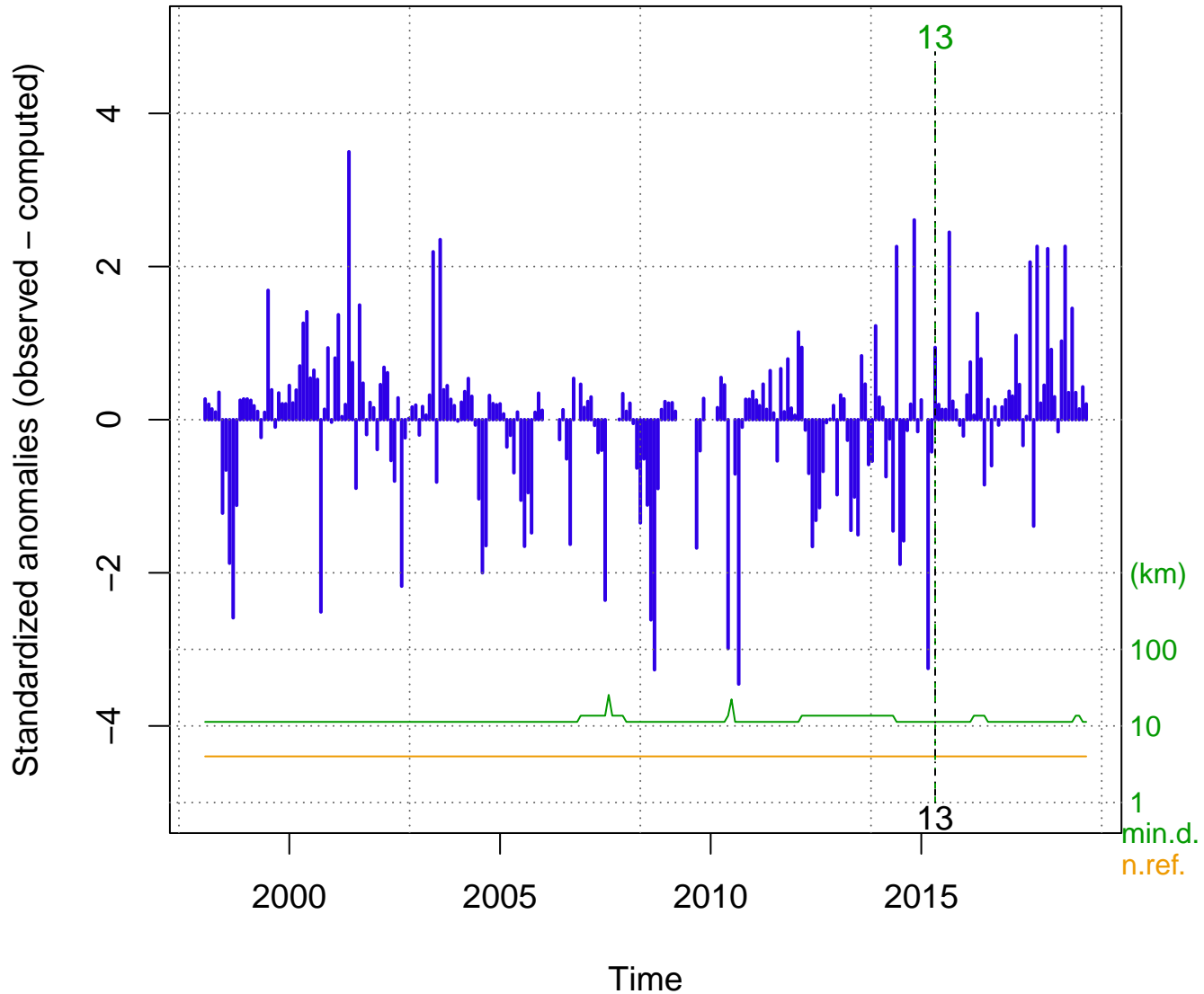
Rmon 43 (19096) LA HUASTEQUITA



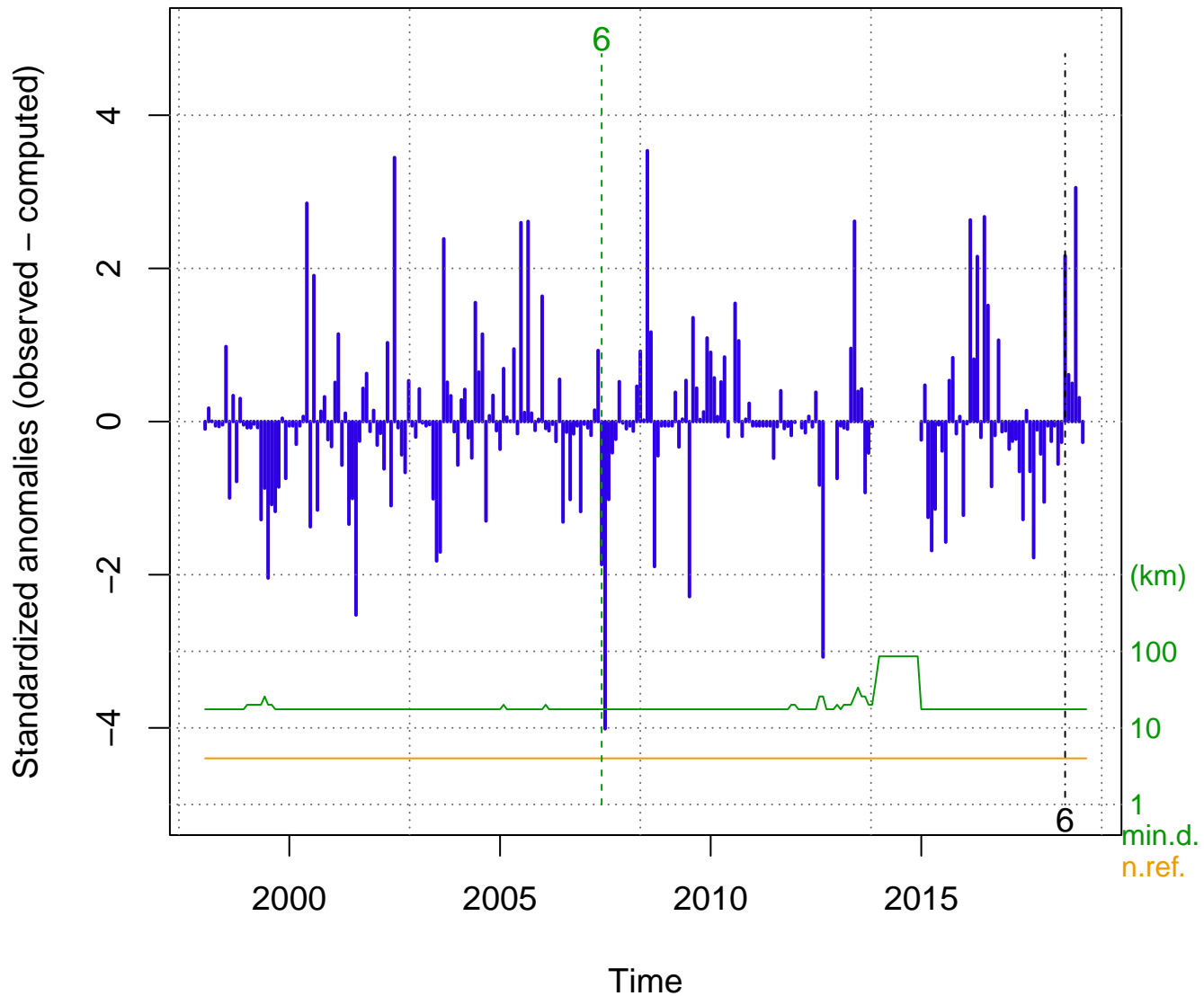
Rmon 44 (19106) LA PAMONA



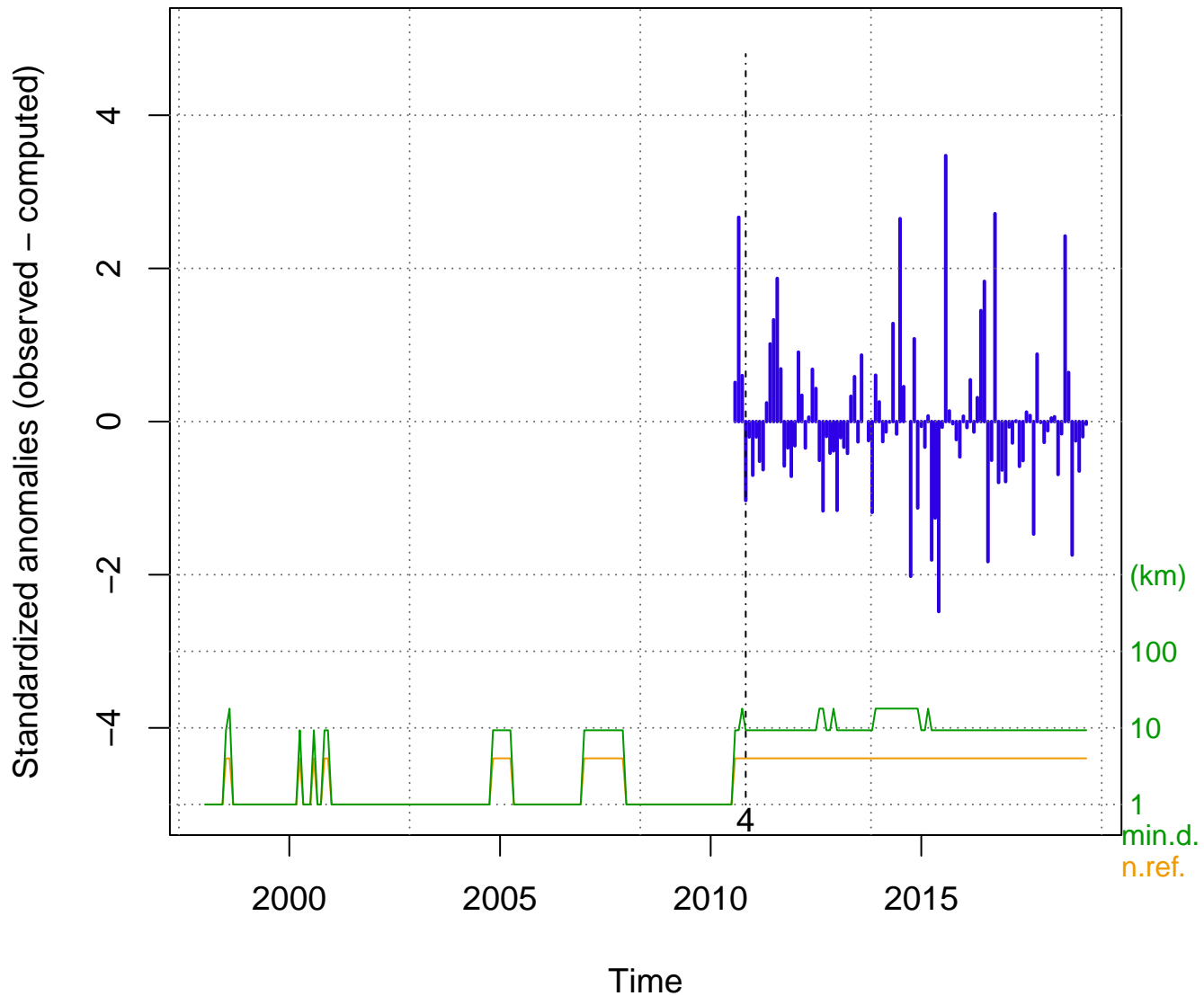
Rmon 45 (19155) LA POZA



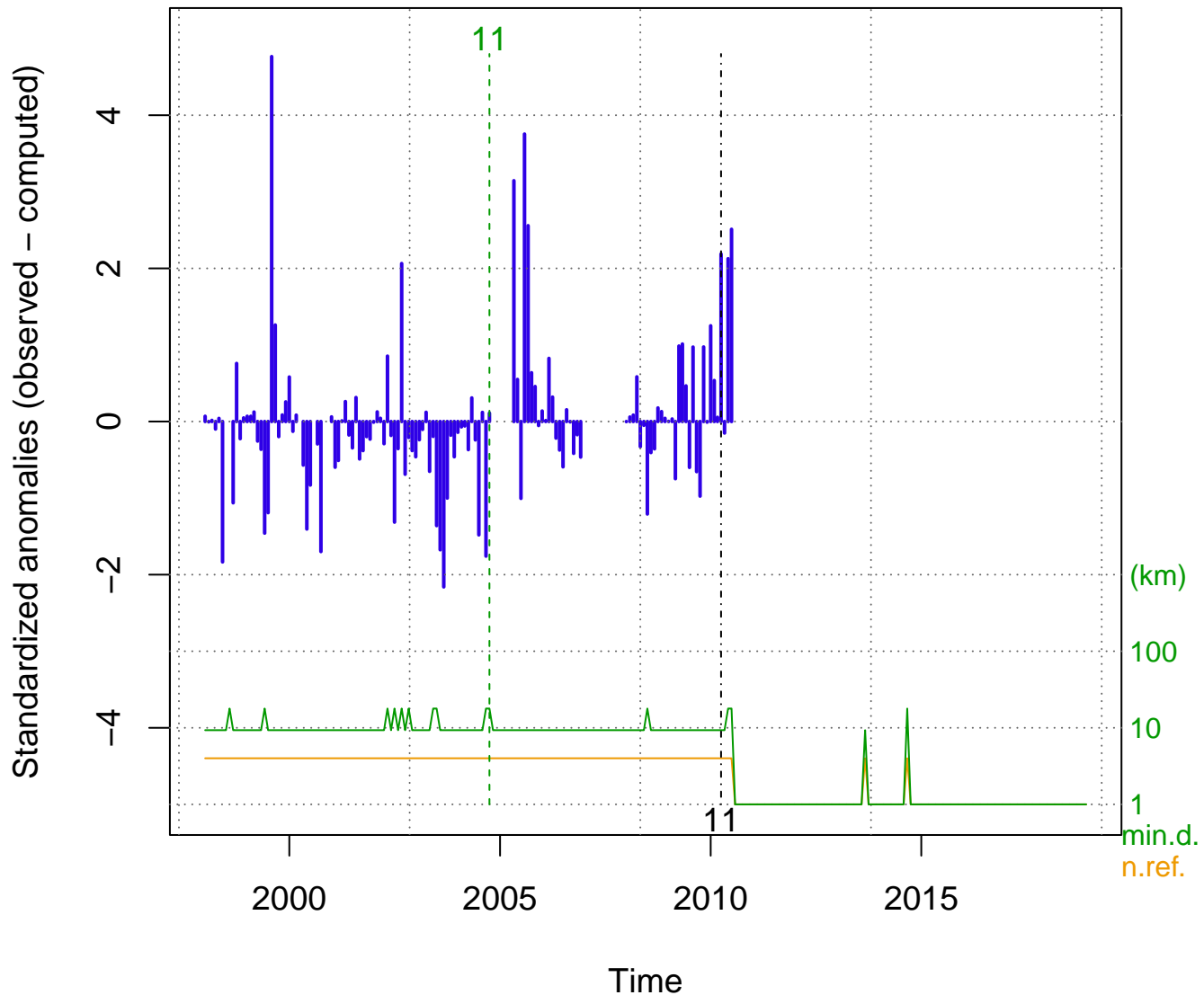
Rmon 46 (5170) LA ROSA



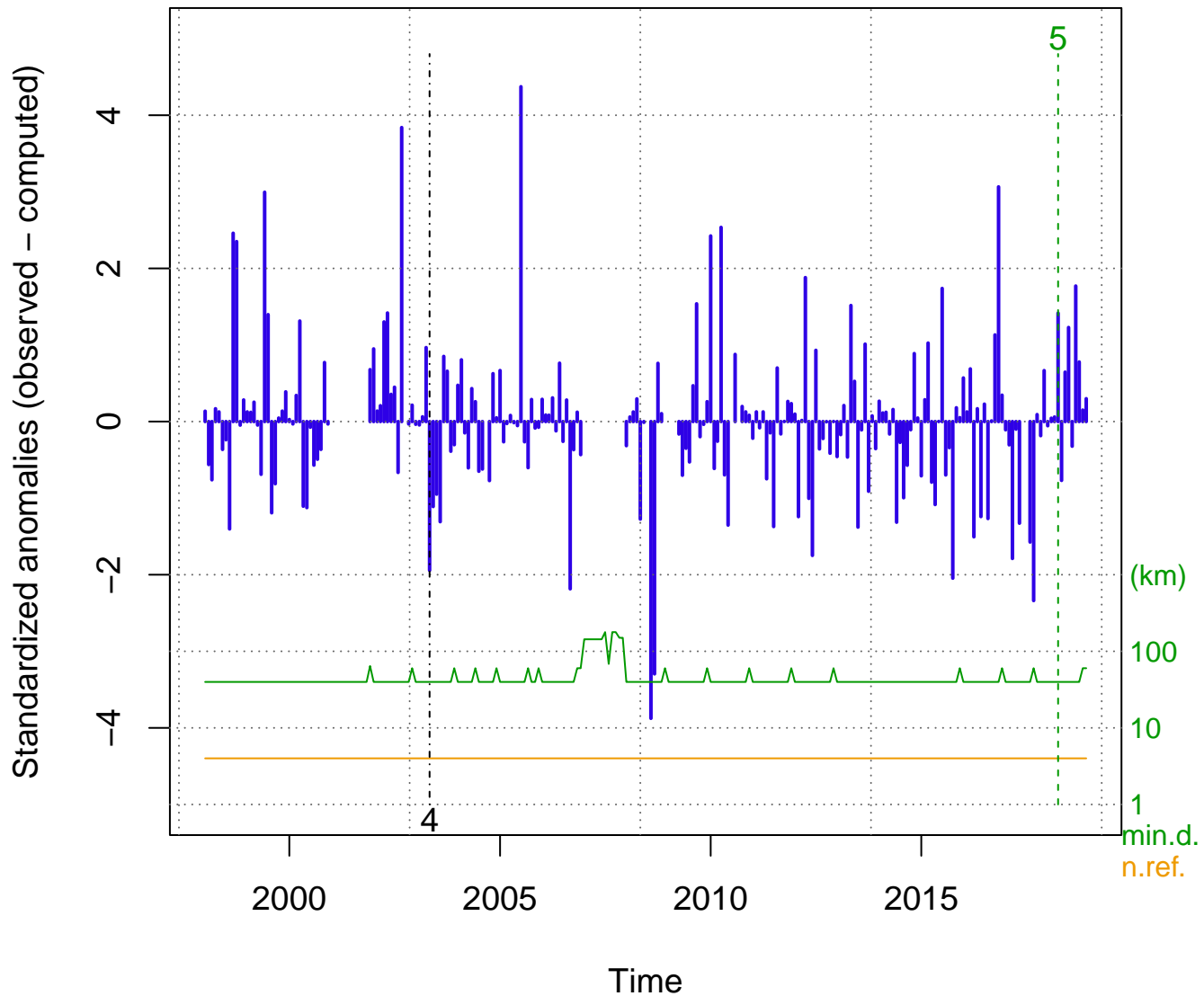
Rmon 47 (19033) LAGUNA DE SANCHEZ



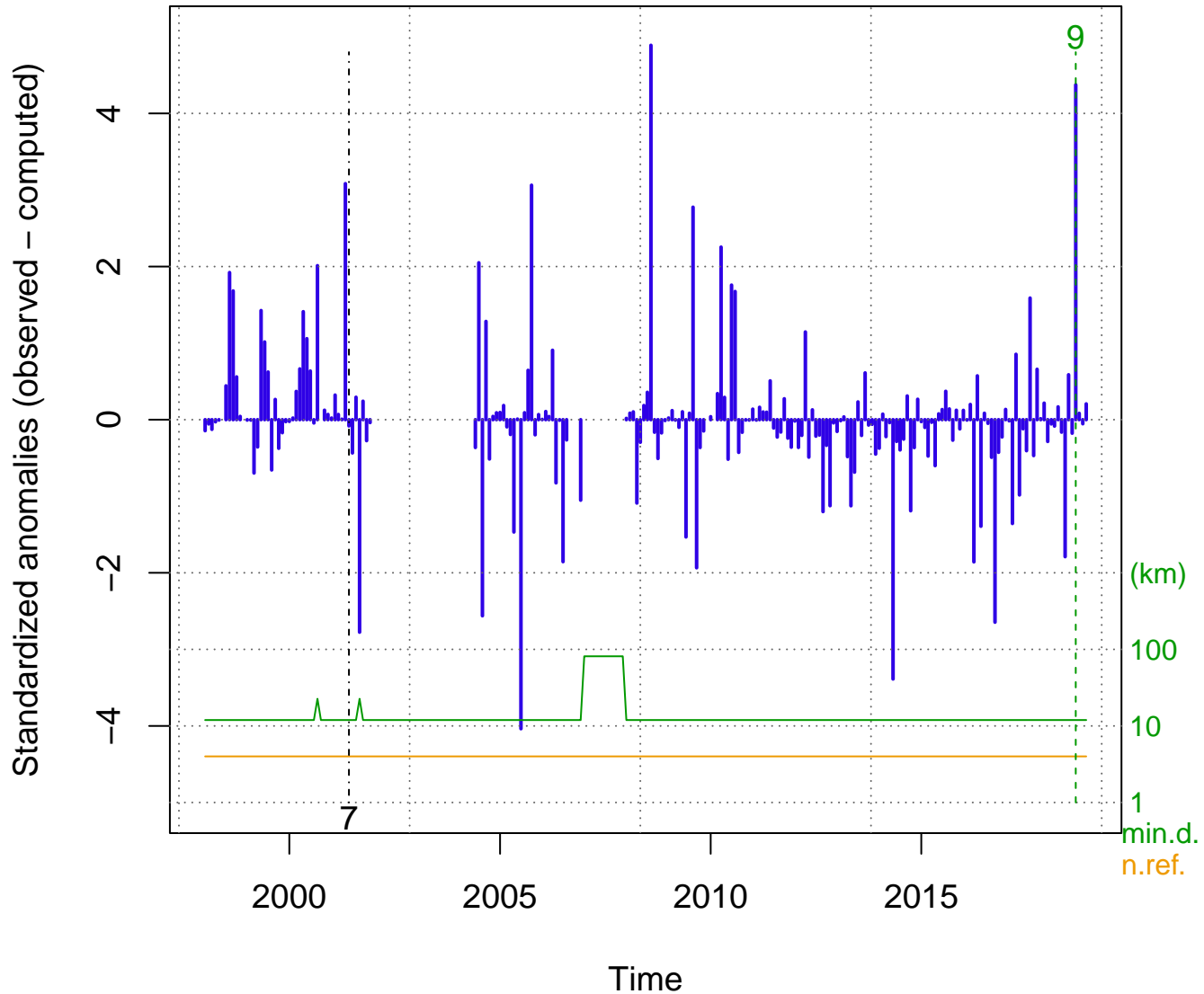
Rmon 88 (19033-2) LAGUNA DE SANCHEZ-2



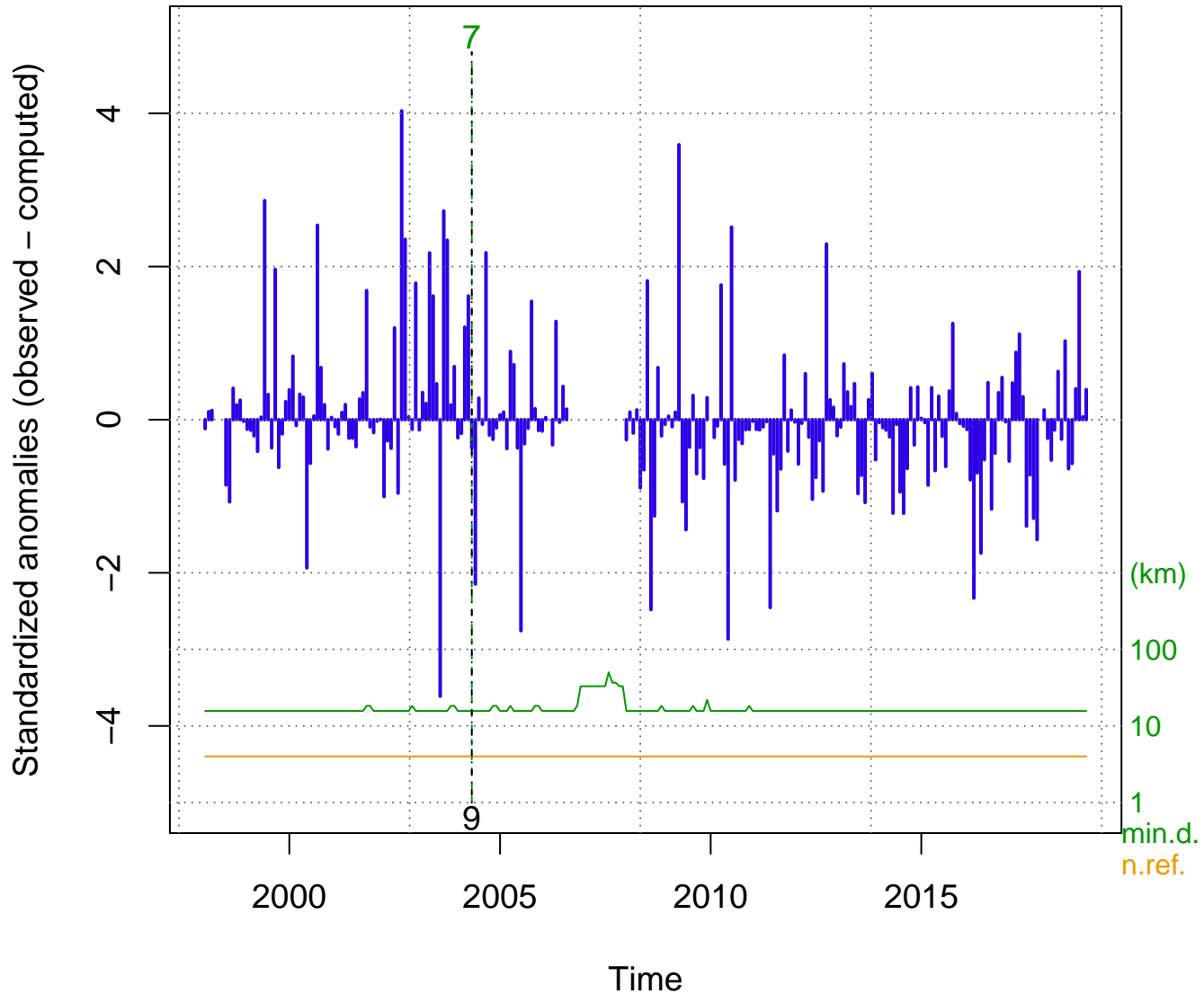
Rmon 48 (19028) LAMPAZOS (SMN)



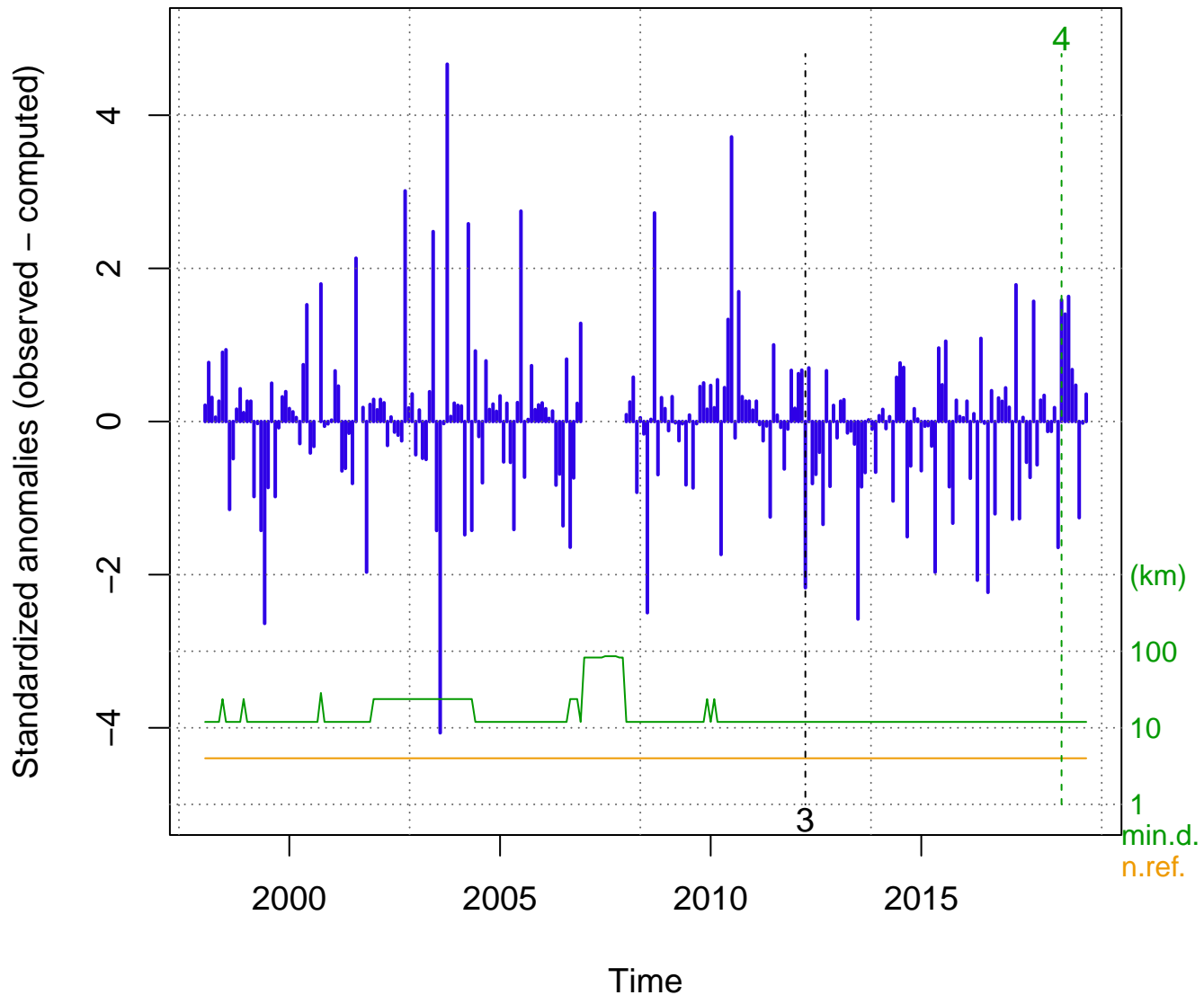
Rmon 49 (19163) LAS BRISAS



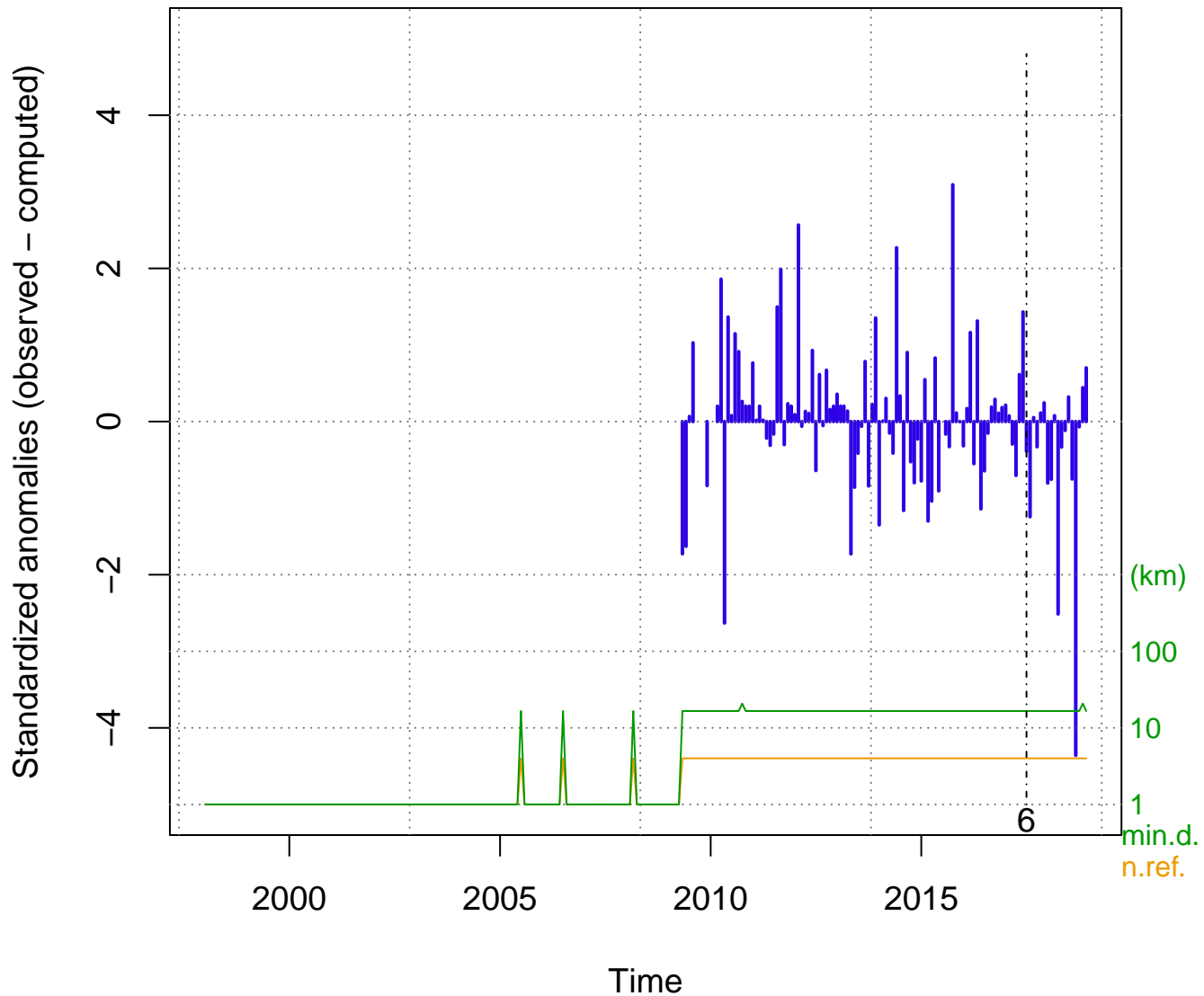
Rmon 50 (19147) LAS CRUCITAS



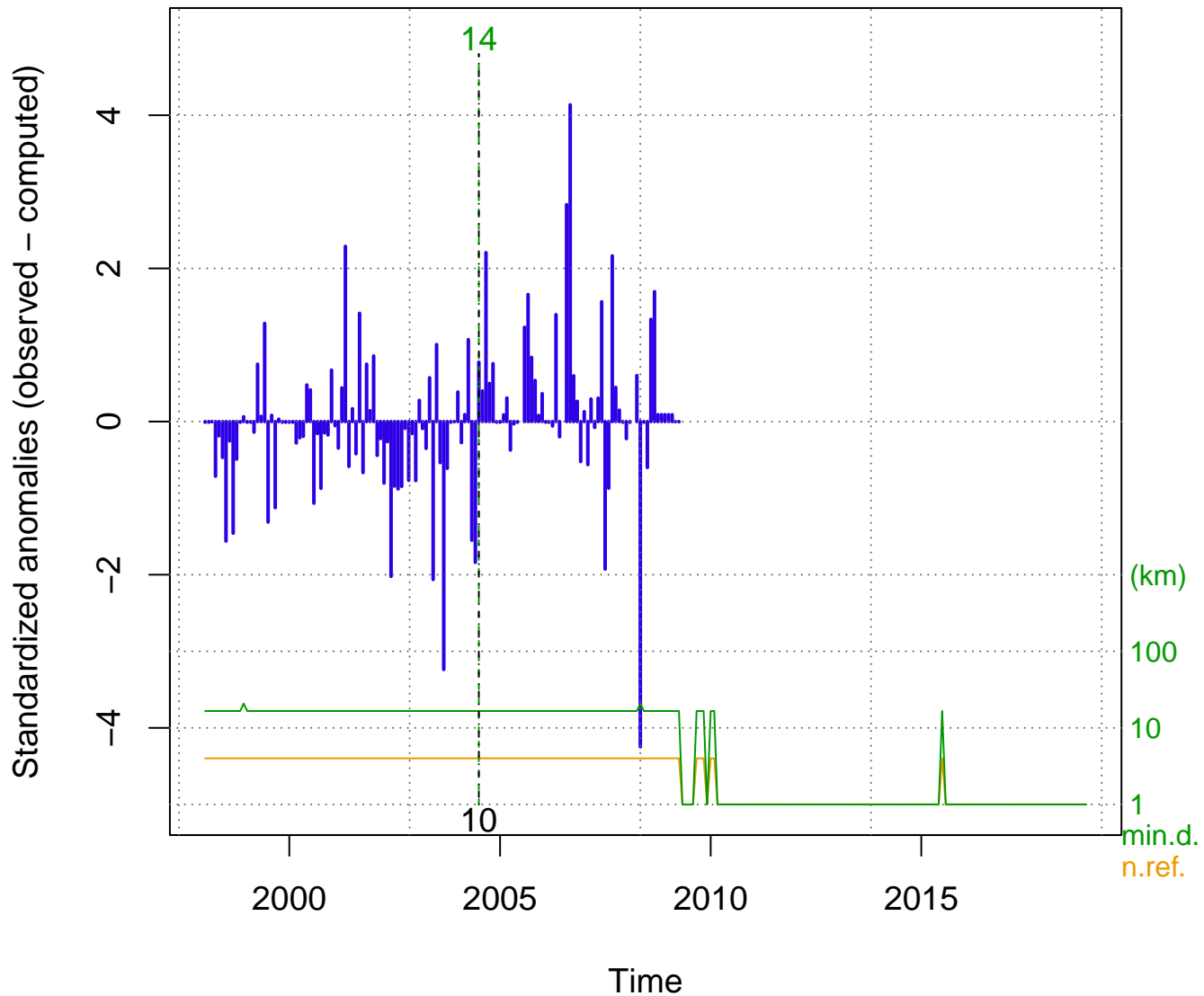
Rmon 51 (19039) LAS ENRAMADAS



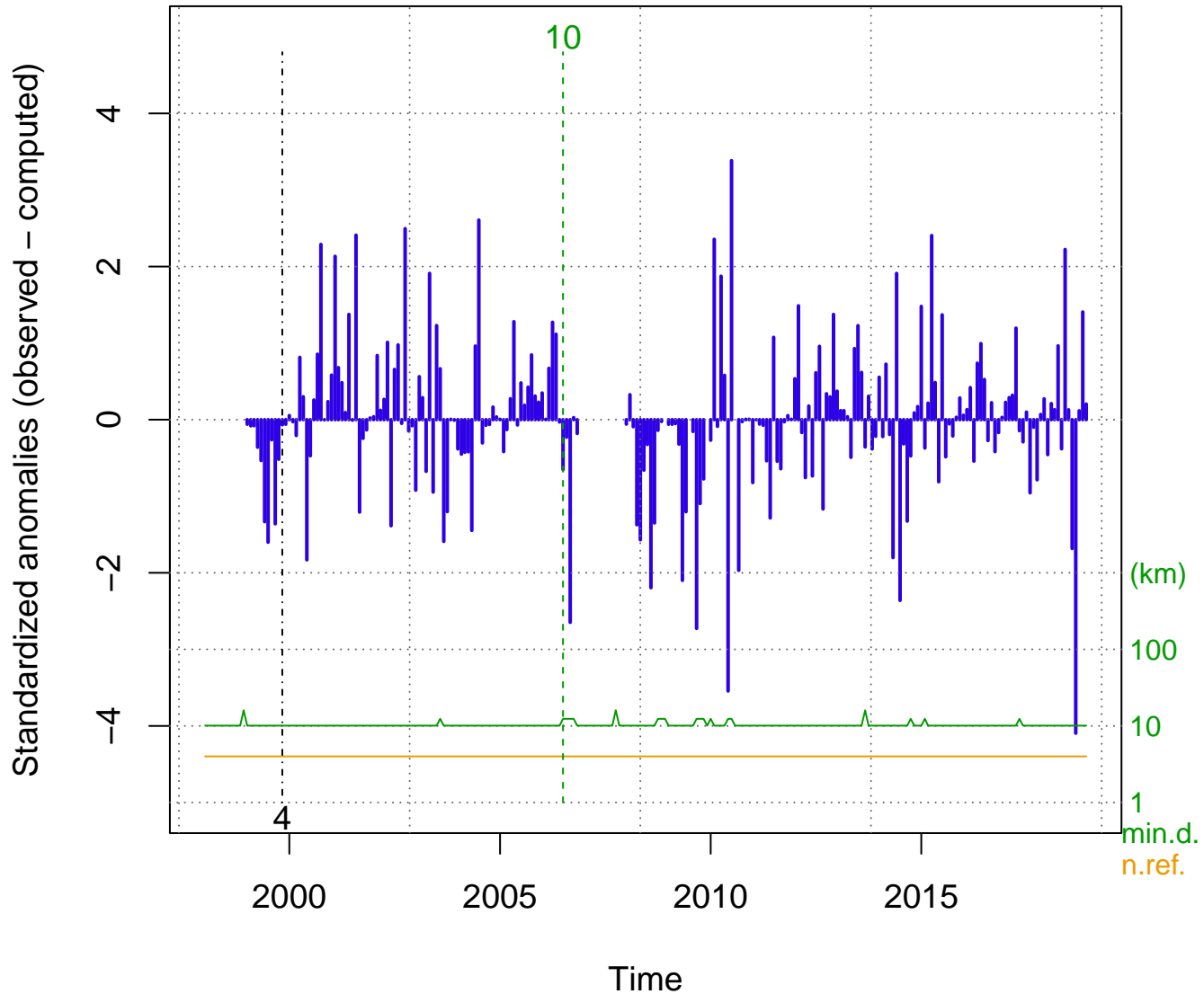
Rmon 52 (19151) LAS MARGARITAS



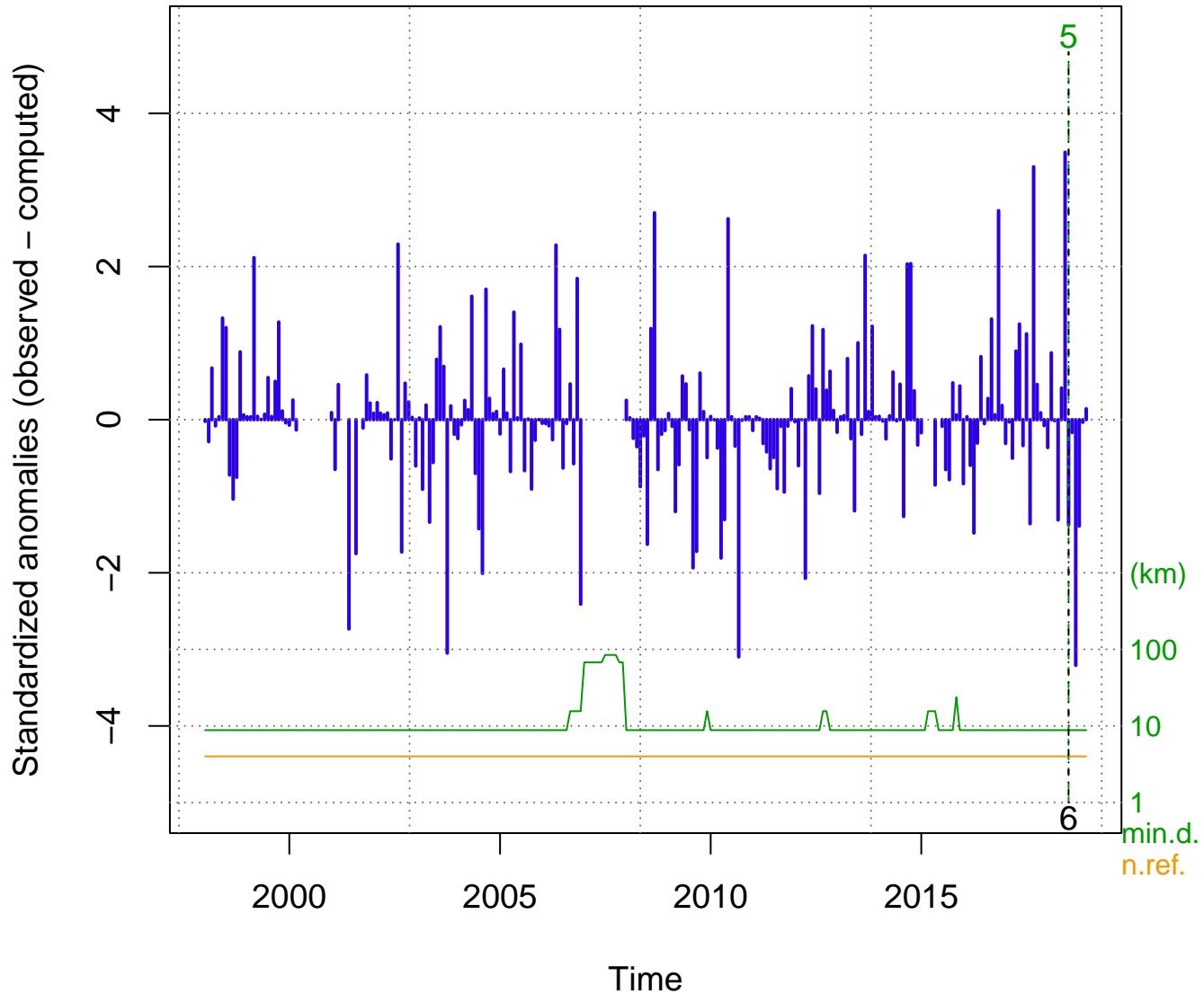
Rmon 94 (19151-2) LAS MARGARITAS-2



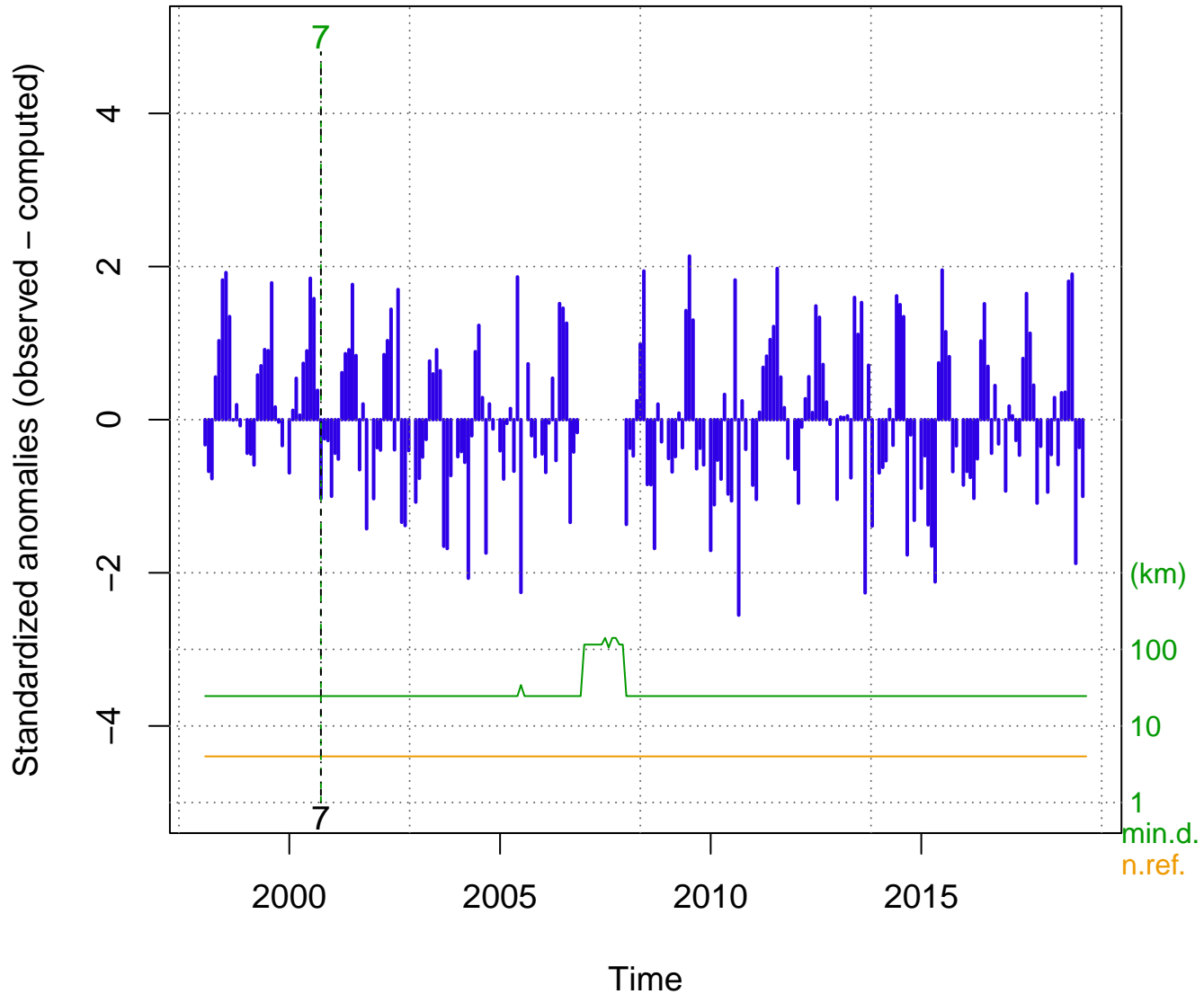
Rmon 53 (19037) LAS PRESAS



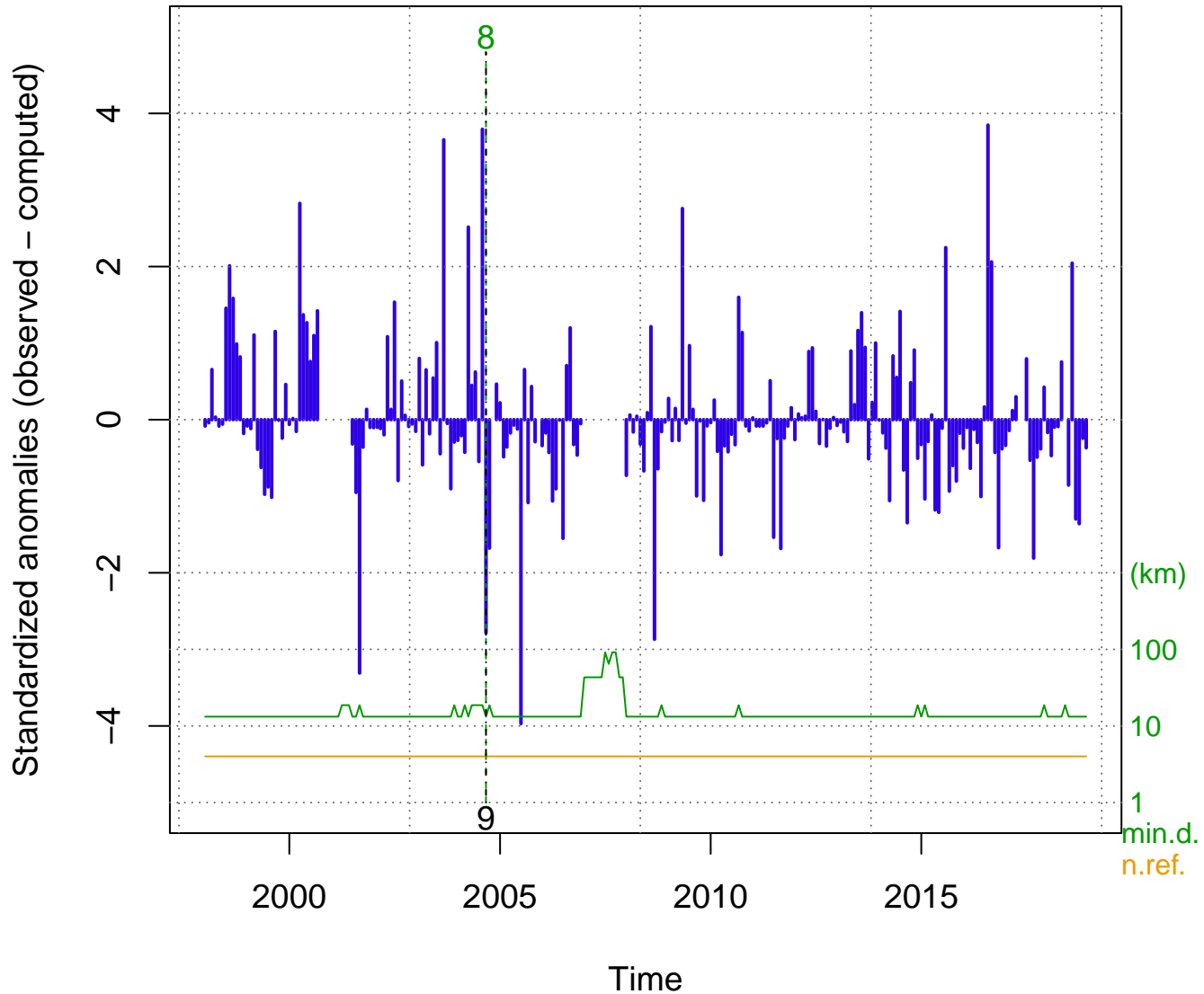
Rmon 54 (19042) LOS RAMONES



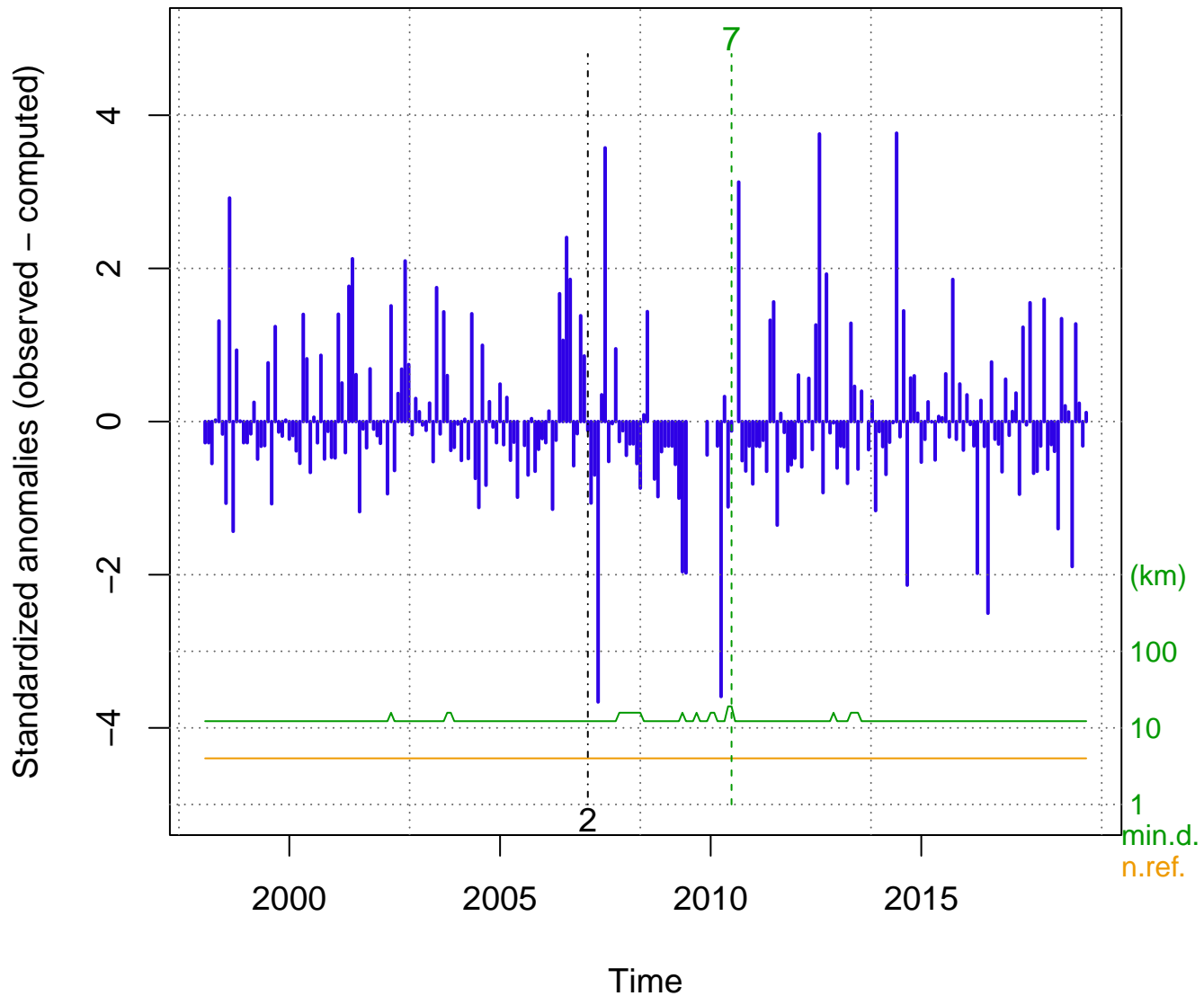
Rmon 55 (19043) MADERO



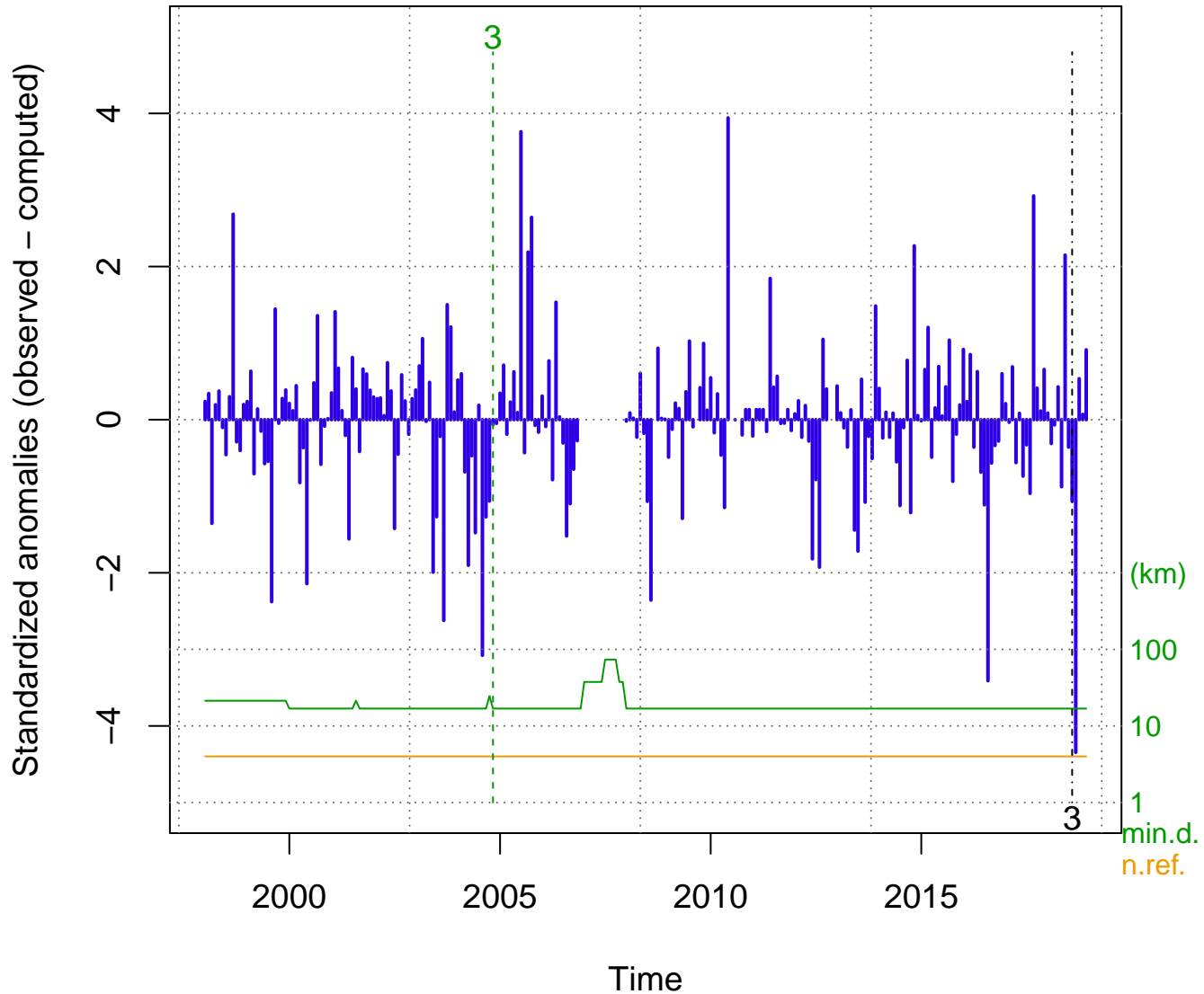
Rmon 56 (19044) MAMULIQUE



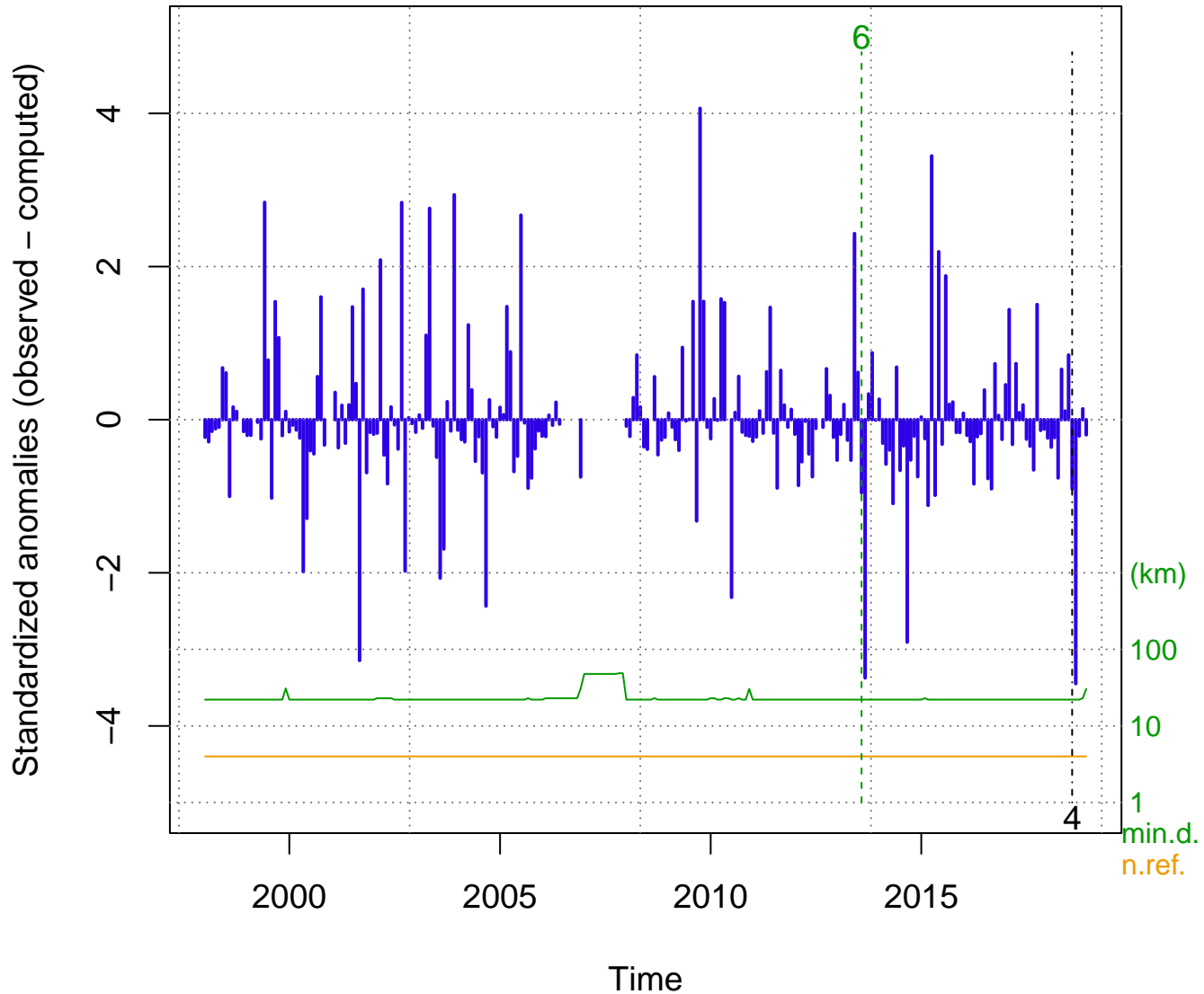
Rmon 57 (19047) MIMBRES



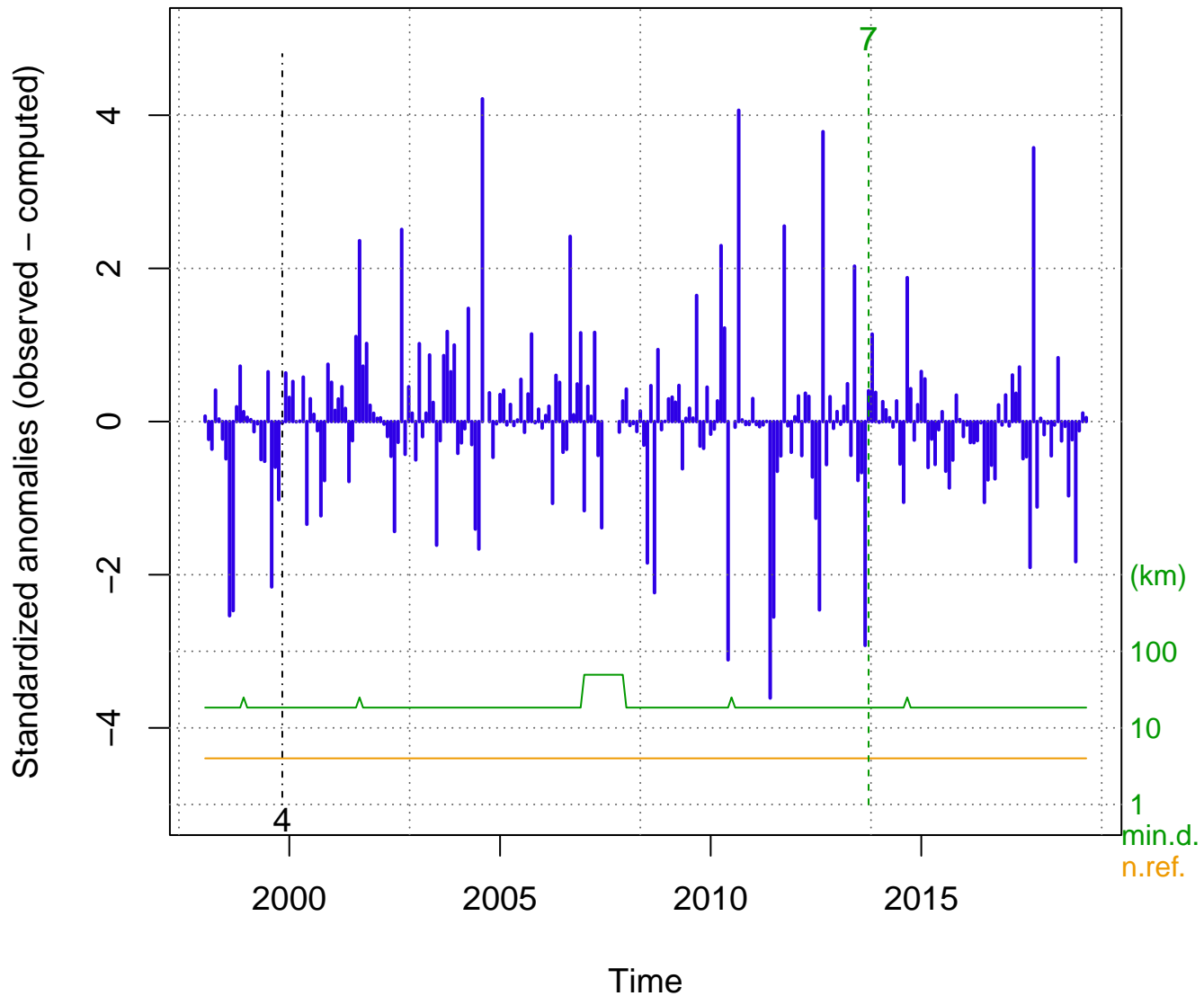
Rmon 58 (19045) MINA



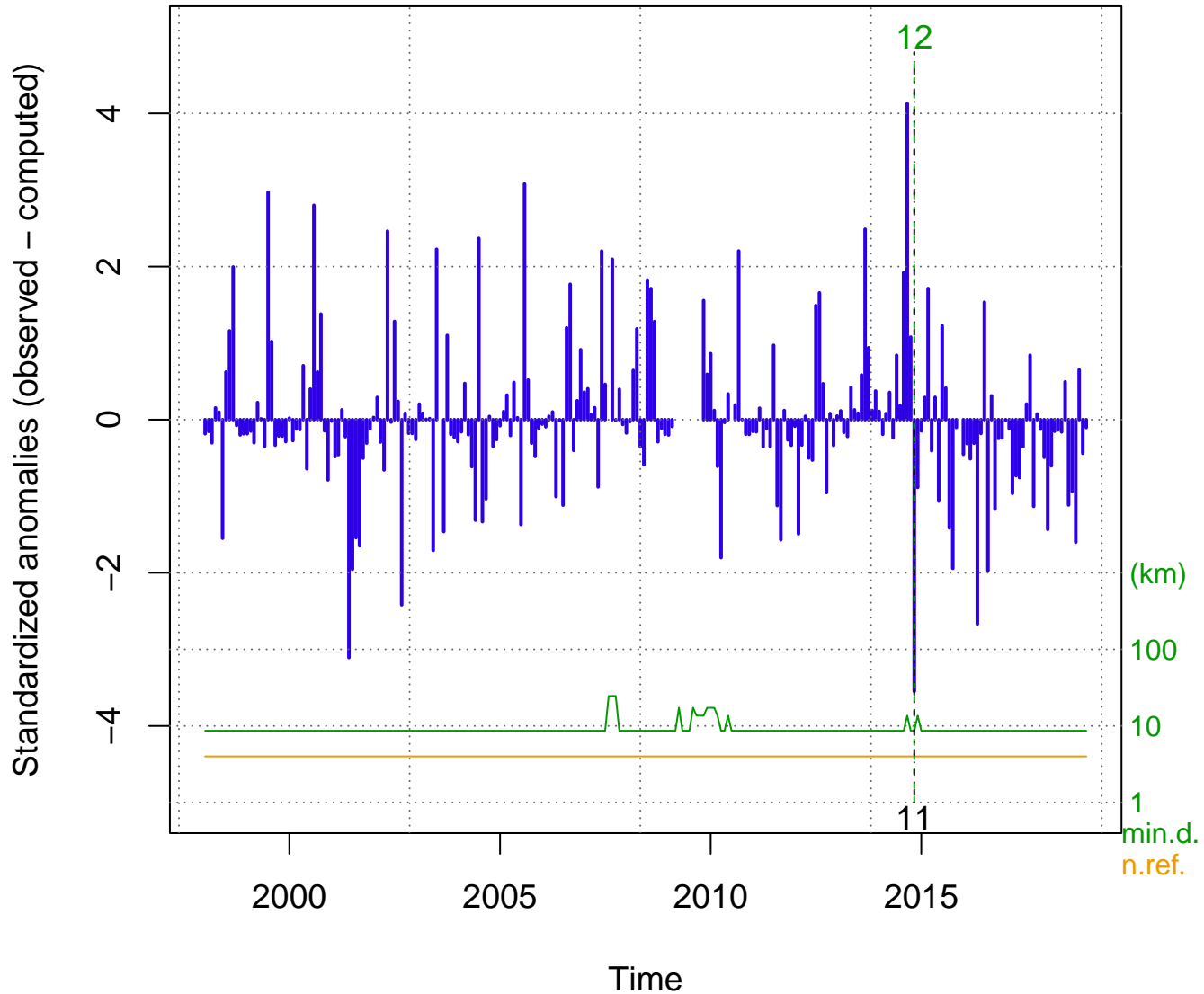
Rmon 59 (19048) MONTEMORELOS



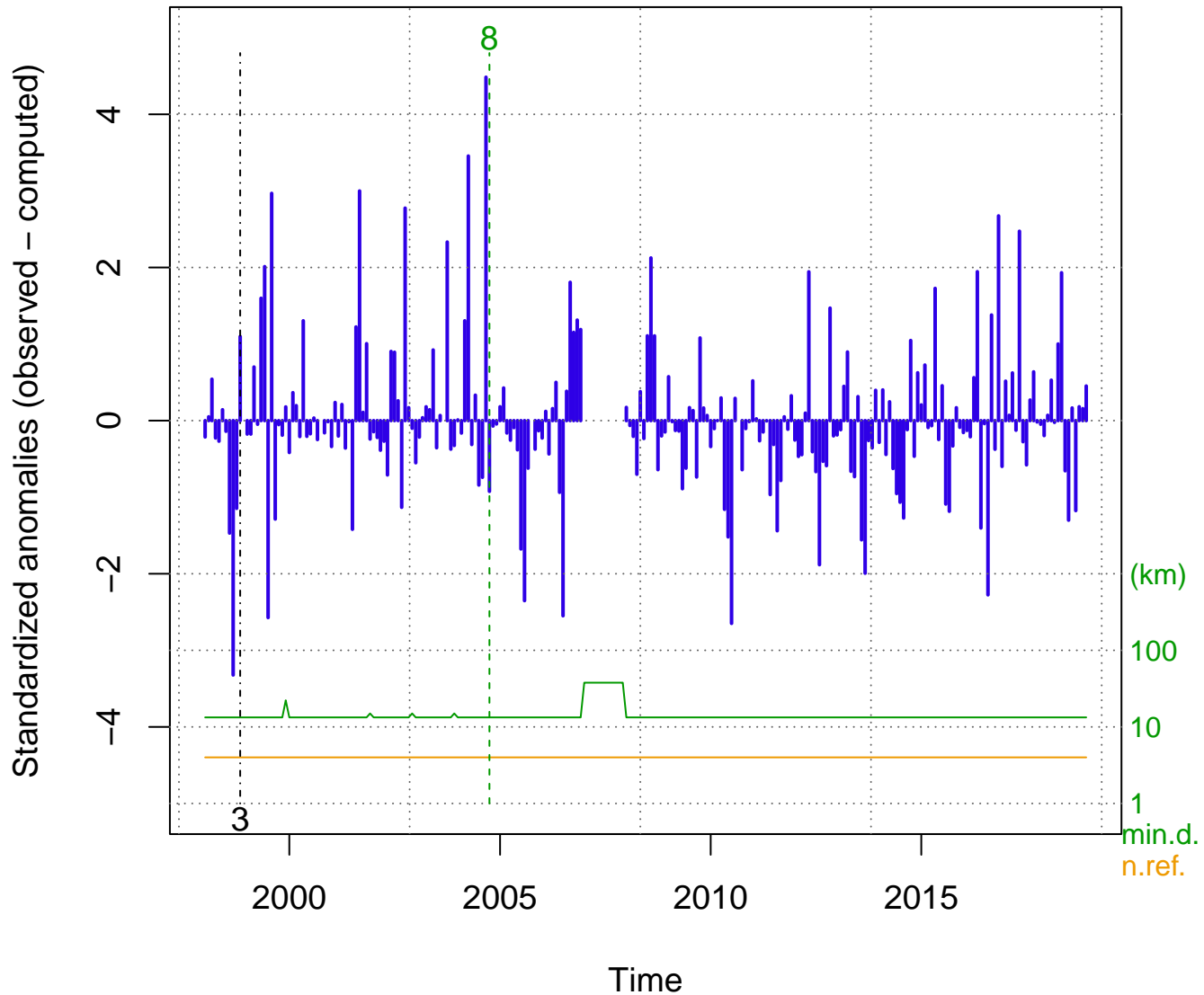
Rmon 60 (19052) MONTERREY (OBS)



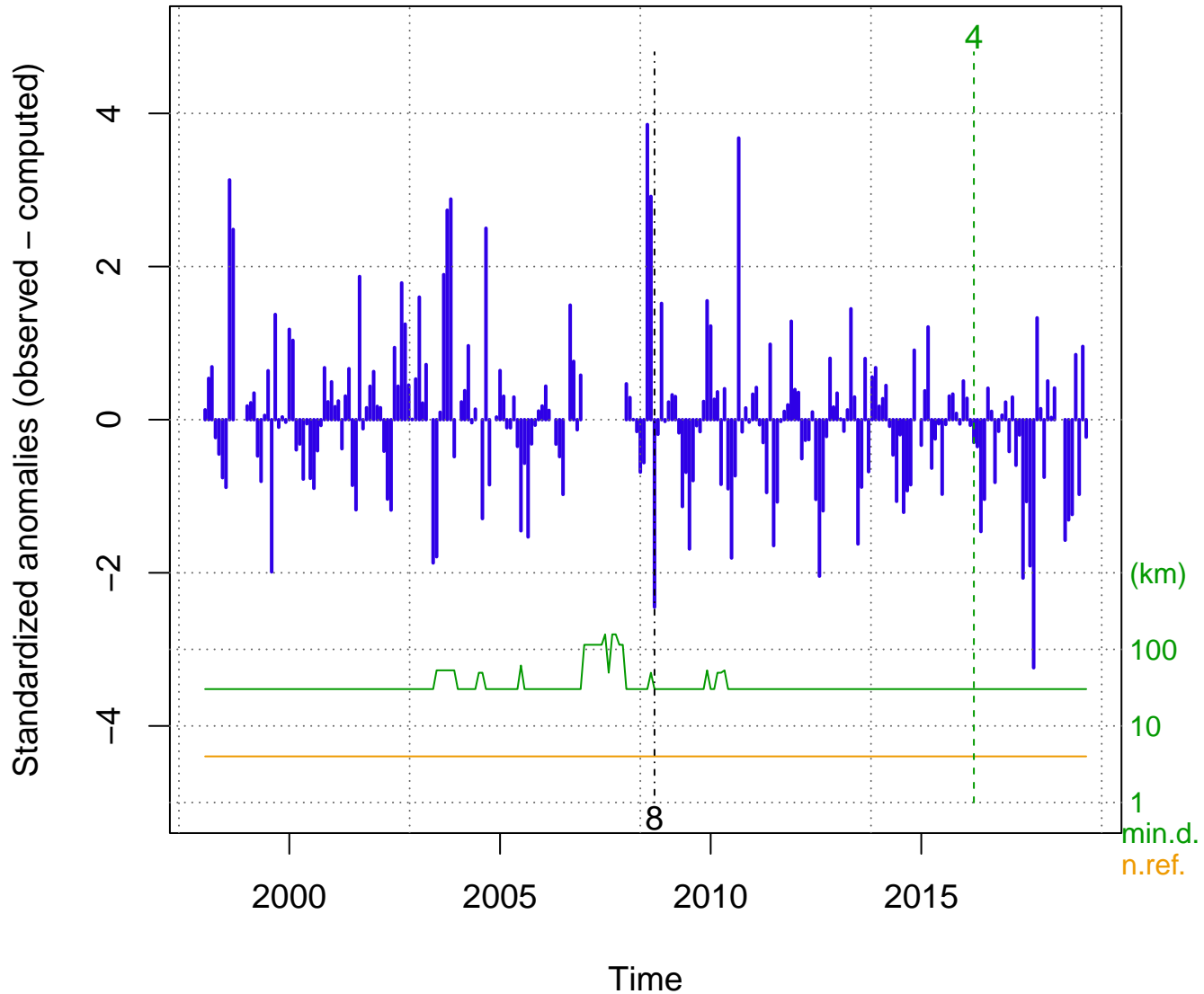
Rmon 61 (19091) PABLILLO (DGE)



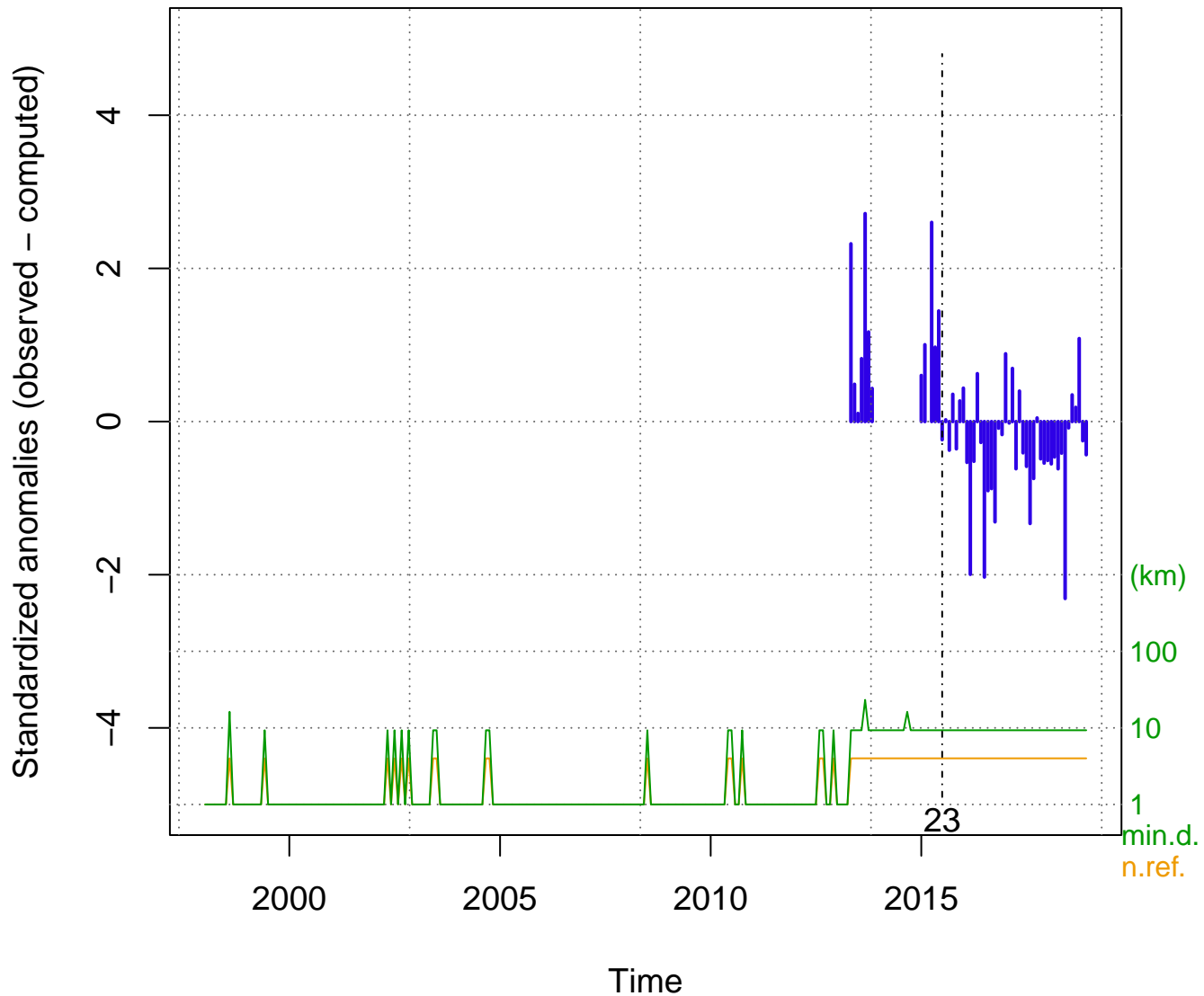
Rmon 62 (19173) PALMITOS (GE)



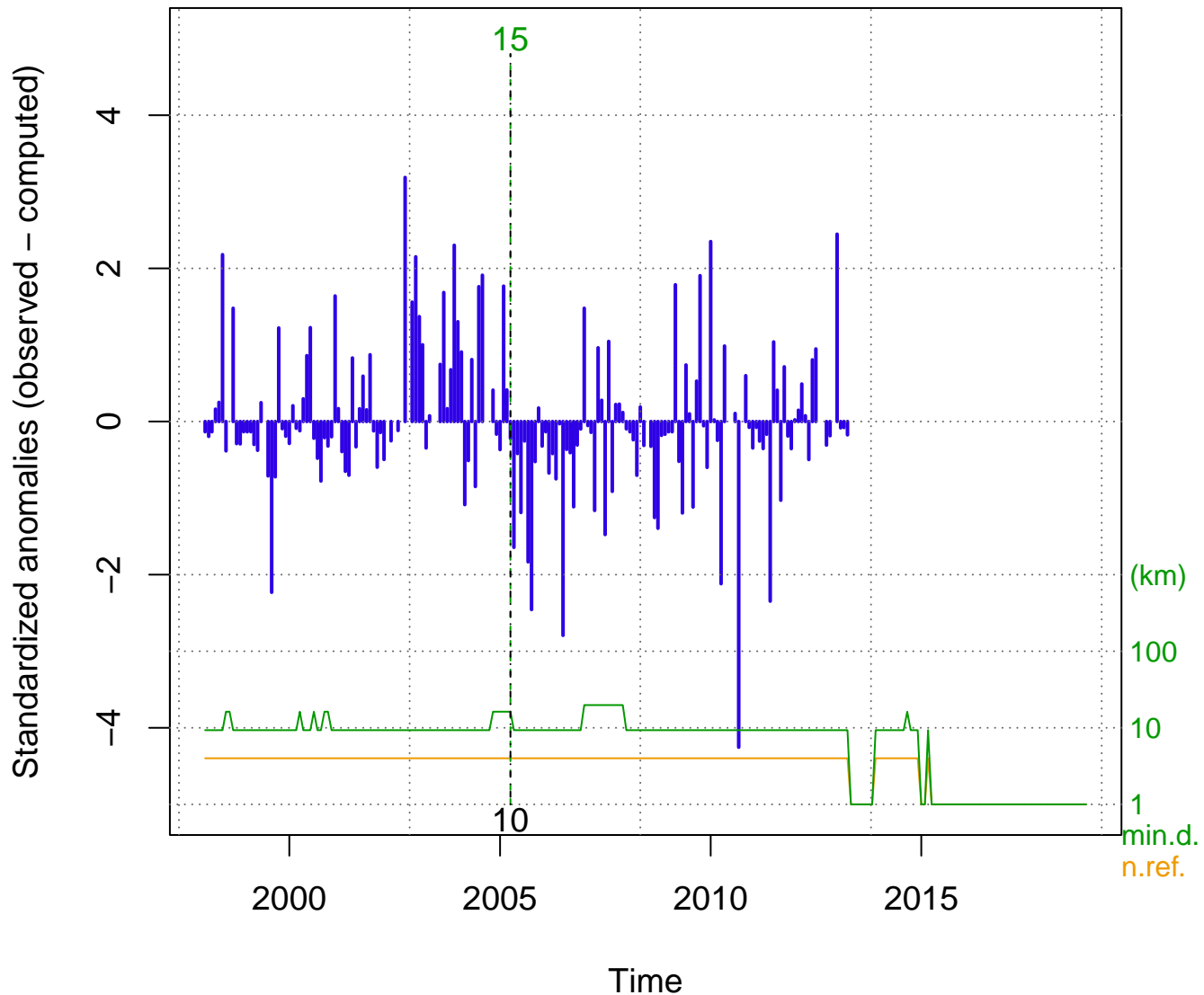
Rmon 63 (19071) PARAS



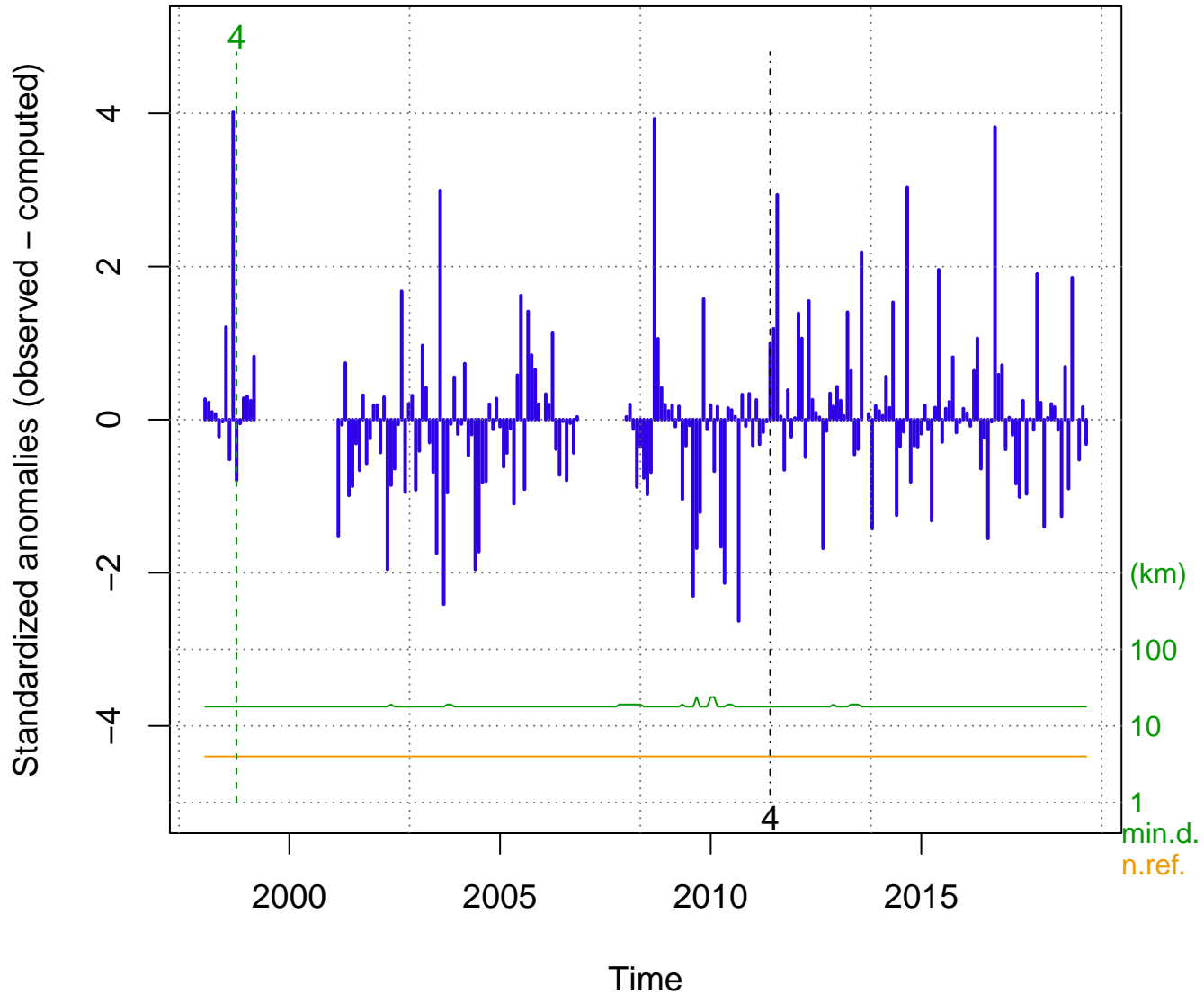
Rmon 64 (5148) POTRERO DE ABREGO



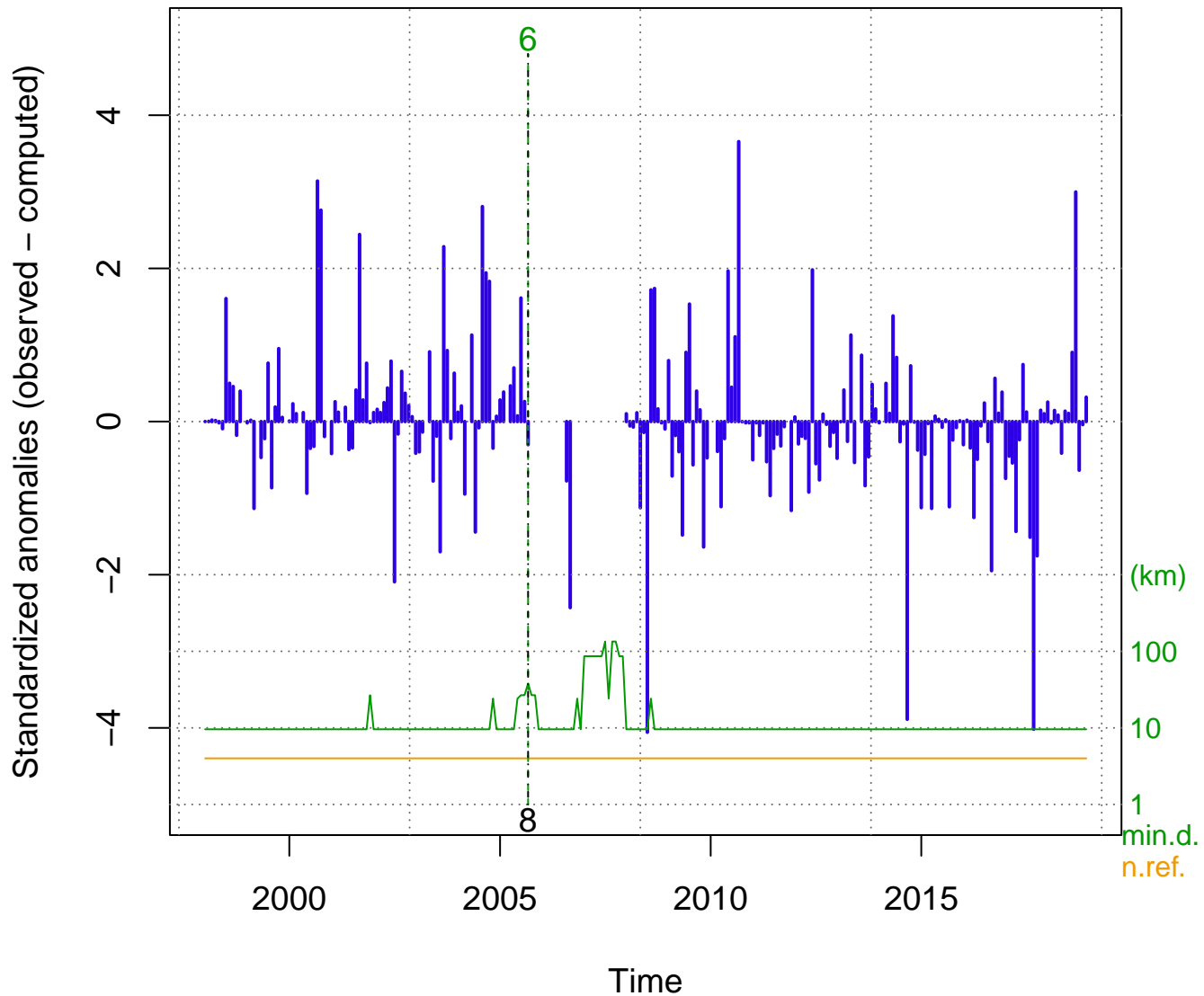
Rmon 87 (5148-2) POTRERO DE ABREGO-2



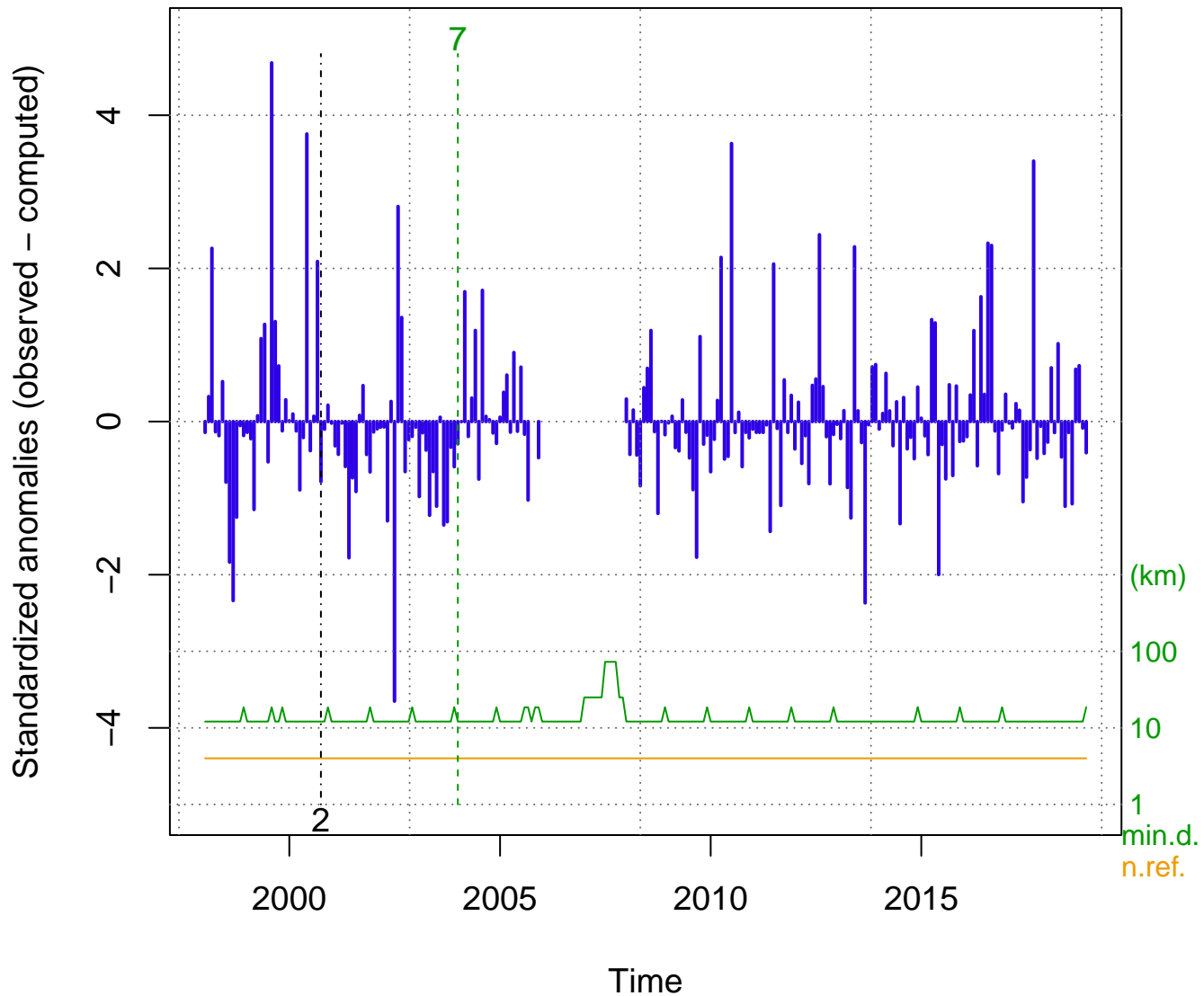
Rmon 65 (19053) RAYONES



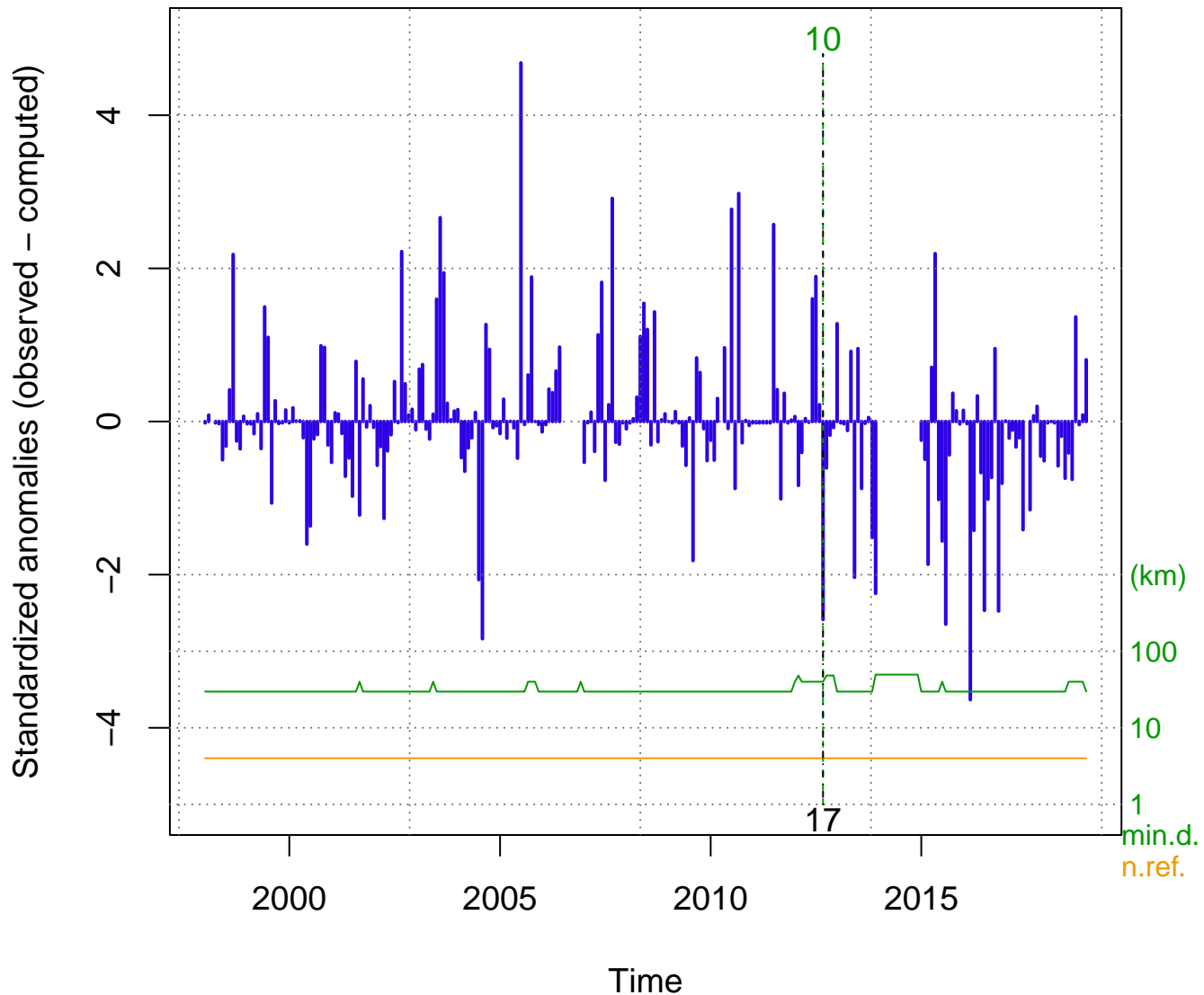
Rmon 66 (19133) SABINAS HIDALGO



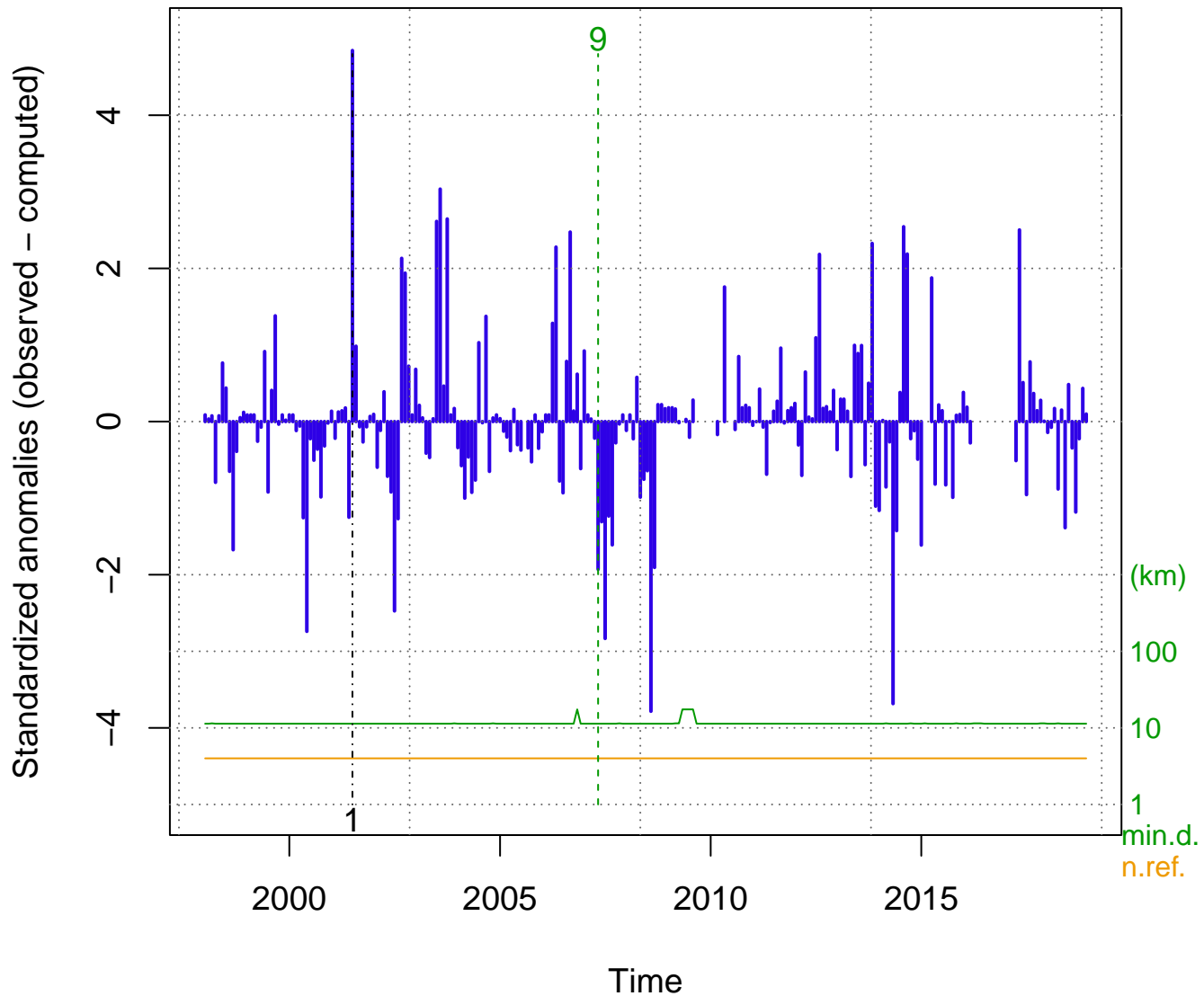
Rmon 67 (19134) SALINAS VICTORIA



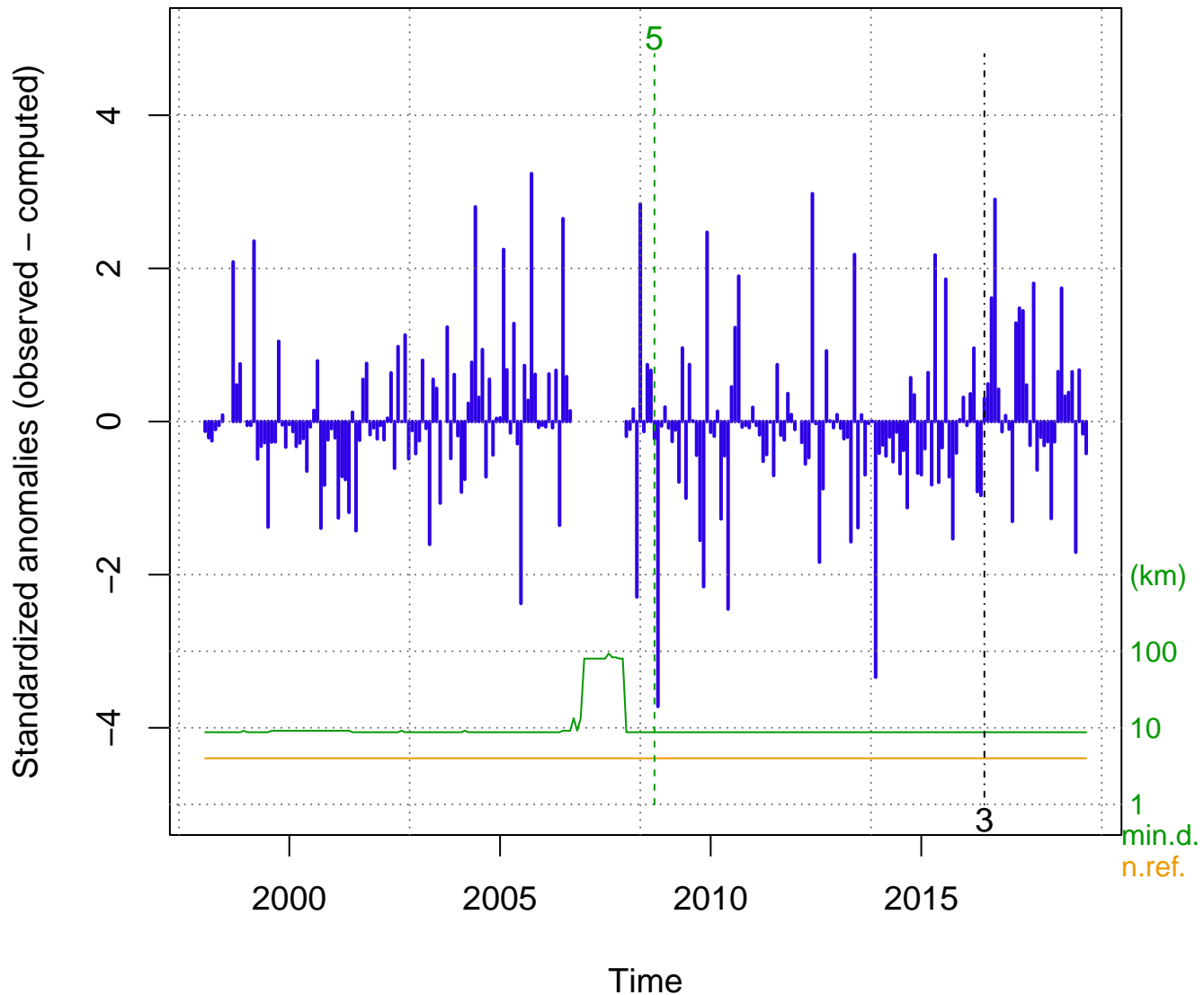
Rmon 68 (5048) SALTILLO (DGE)



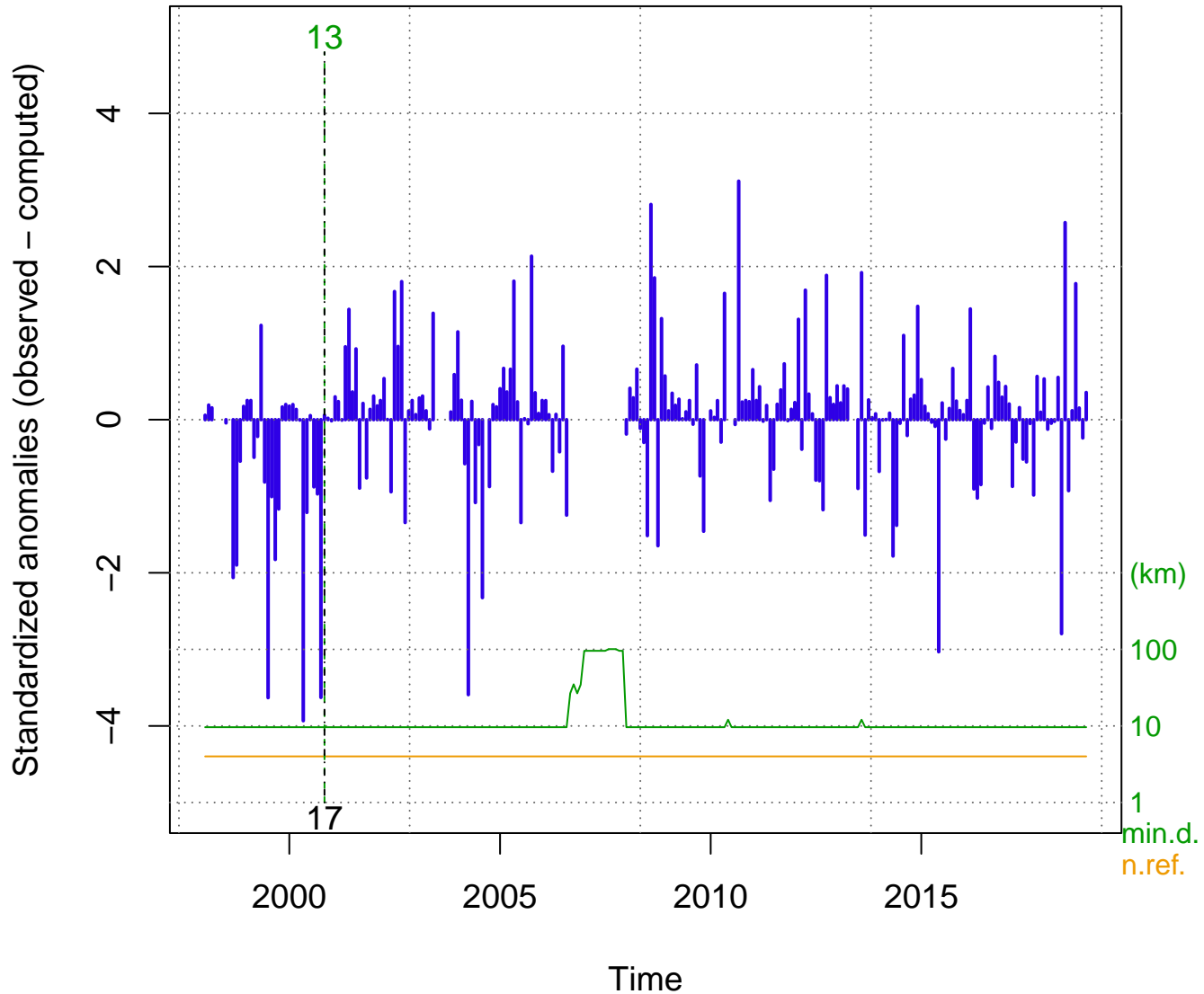
Rmon 69 (19180)
SAN ANTONIO EL SALERO



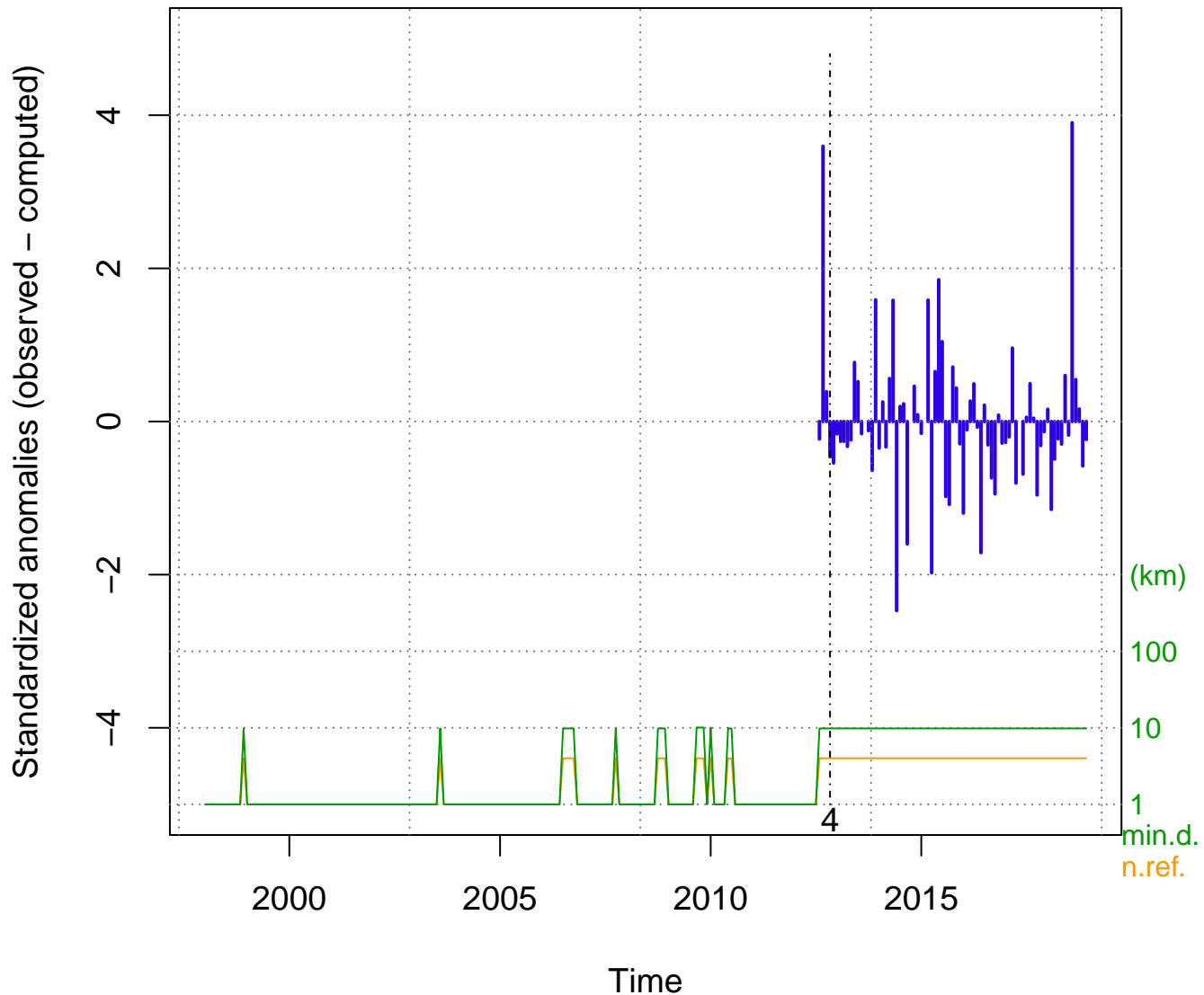
Rmon 70 (19108) SAN CRISTOBAL PURISIMA



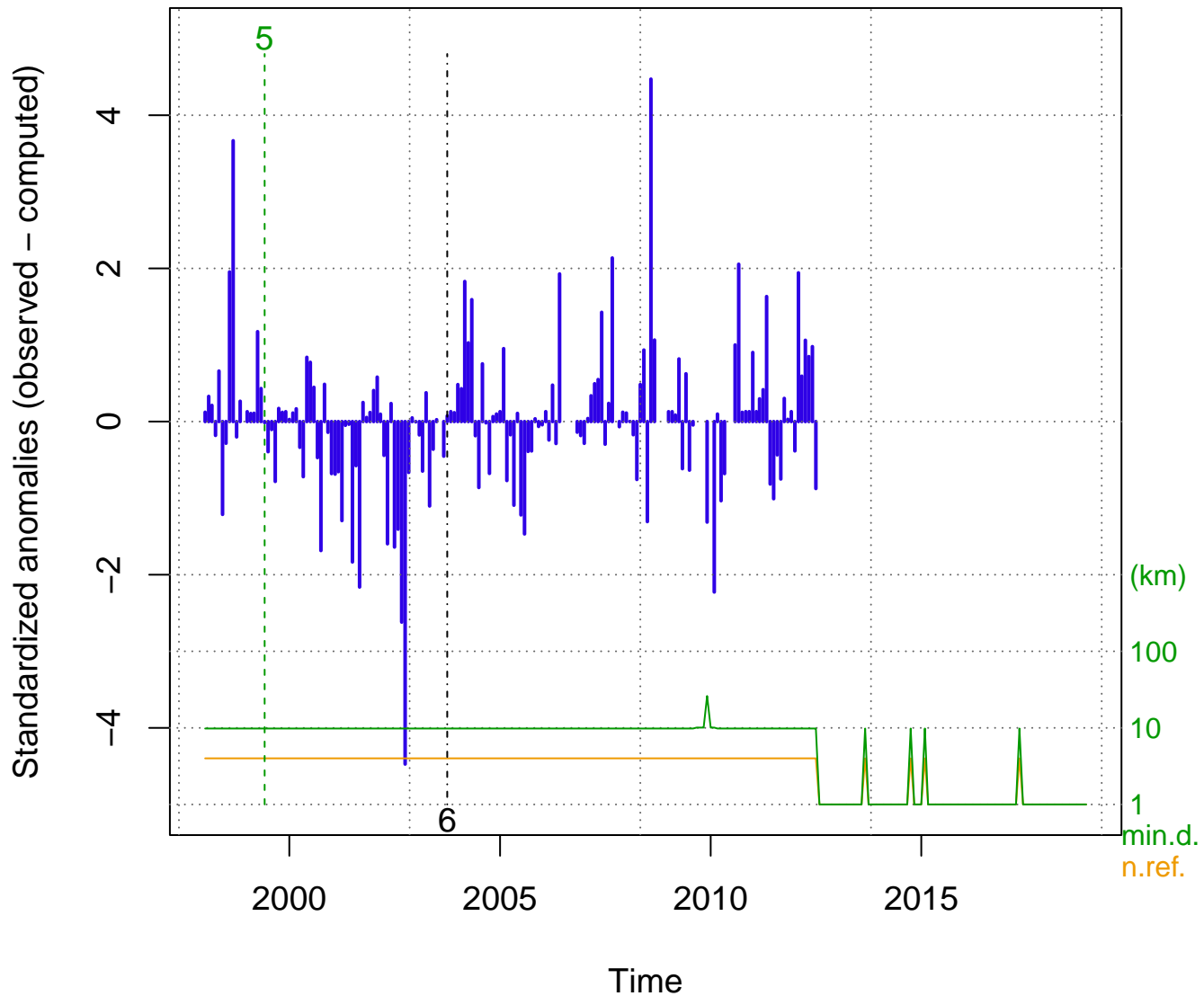
Rmon 71 (19101) SAN DIEGO



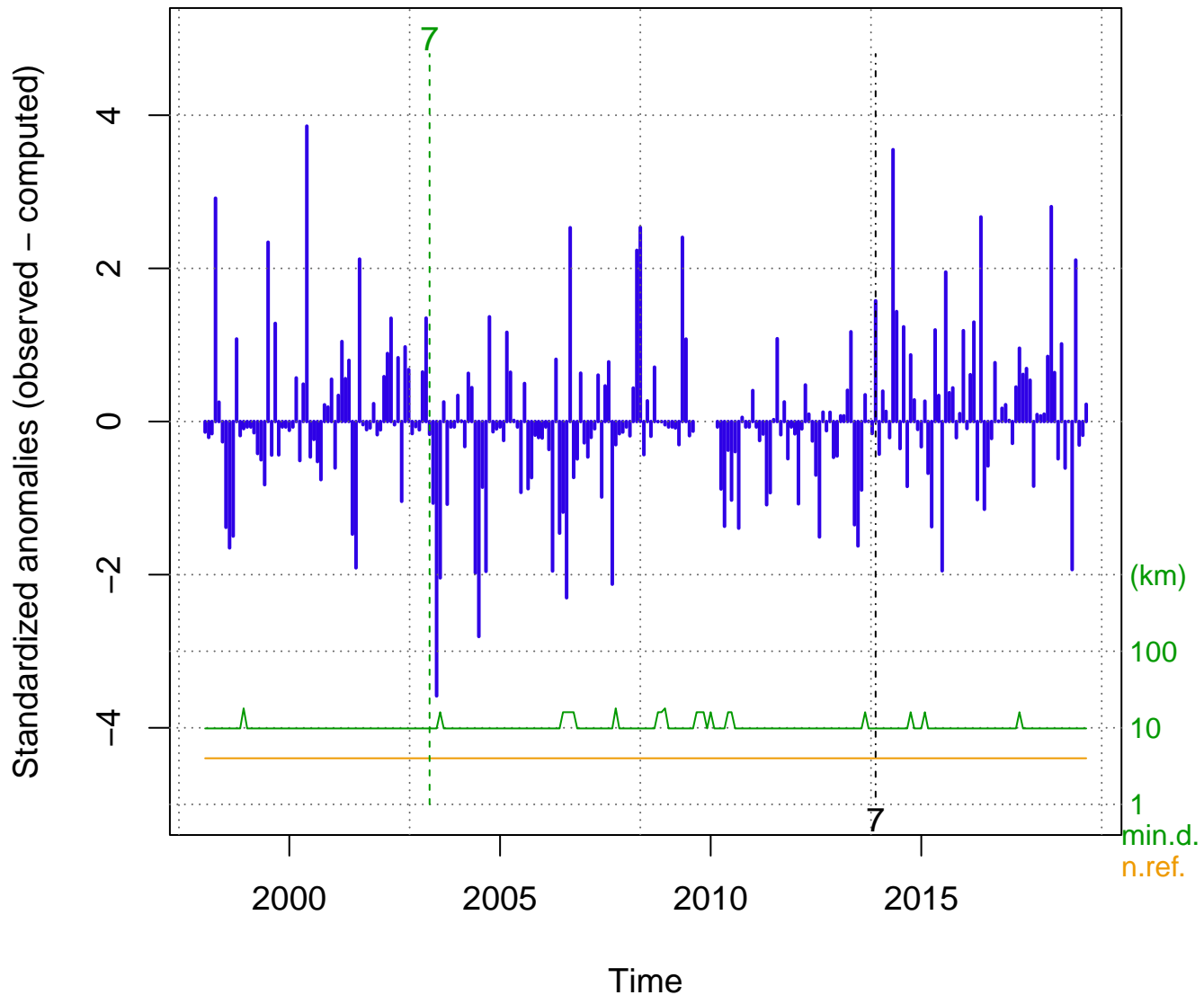
Rmon 72 (19135) SAN FRANCISCO DE BERLANGA



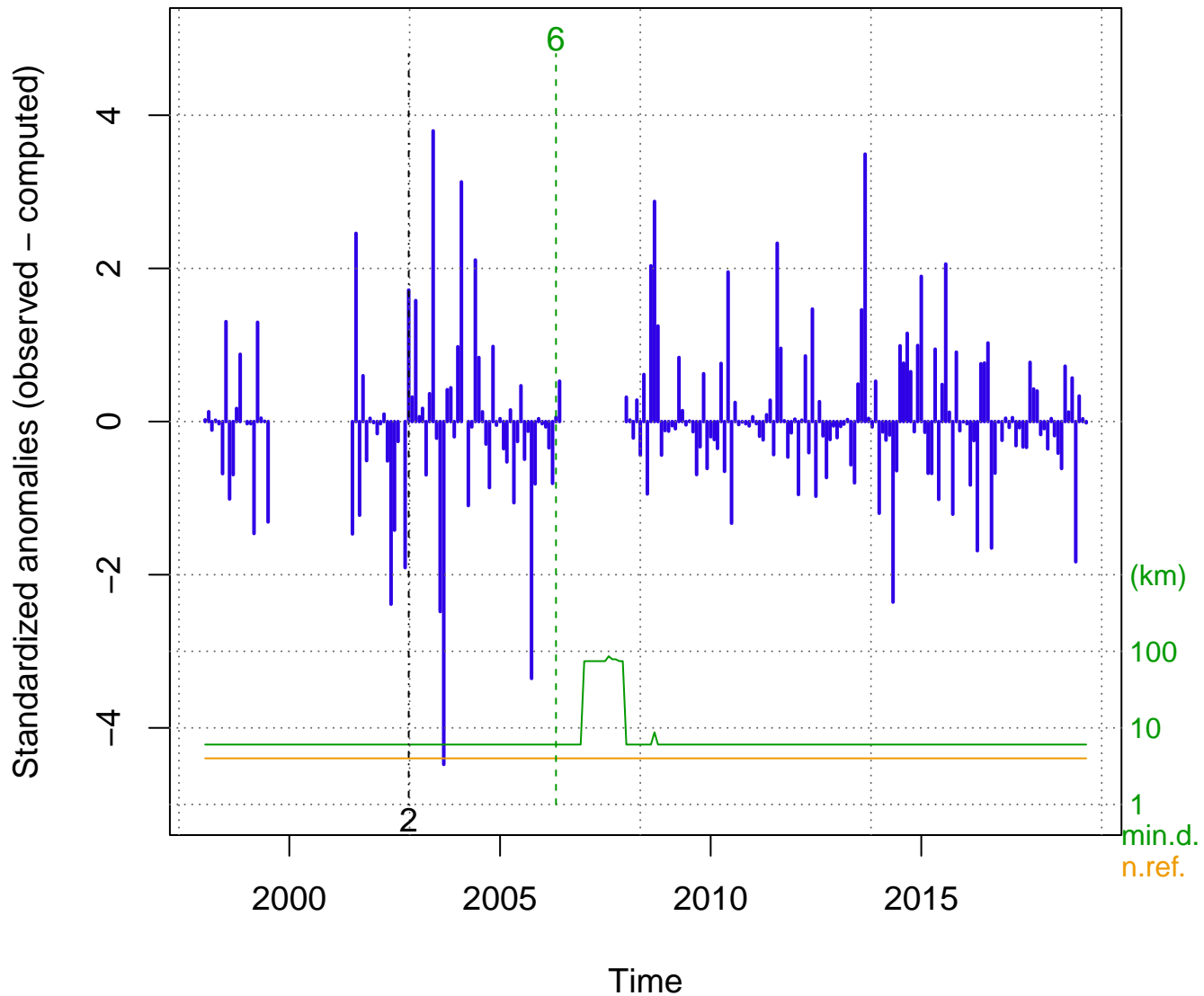
Rmon 89 (19135-2)
SAN FRANCISCO DE BERLANGA-2



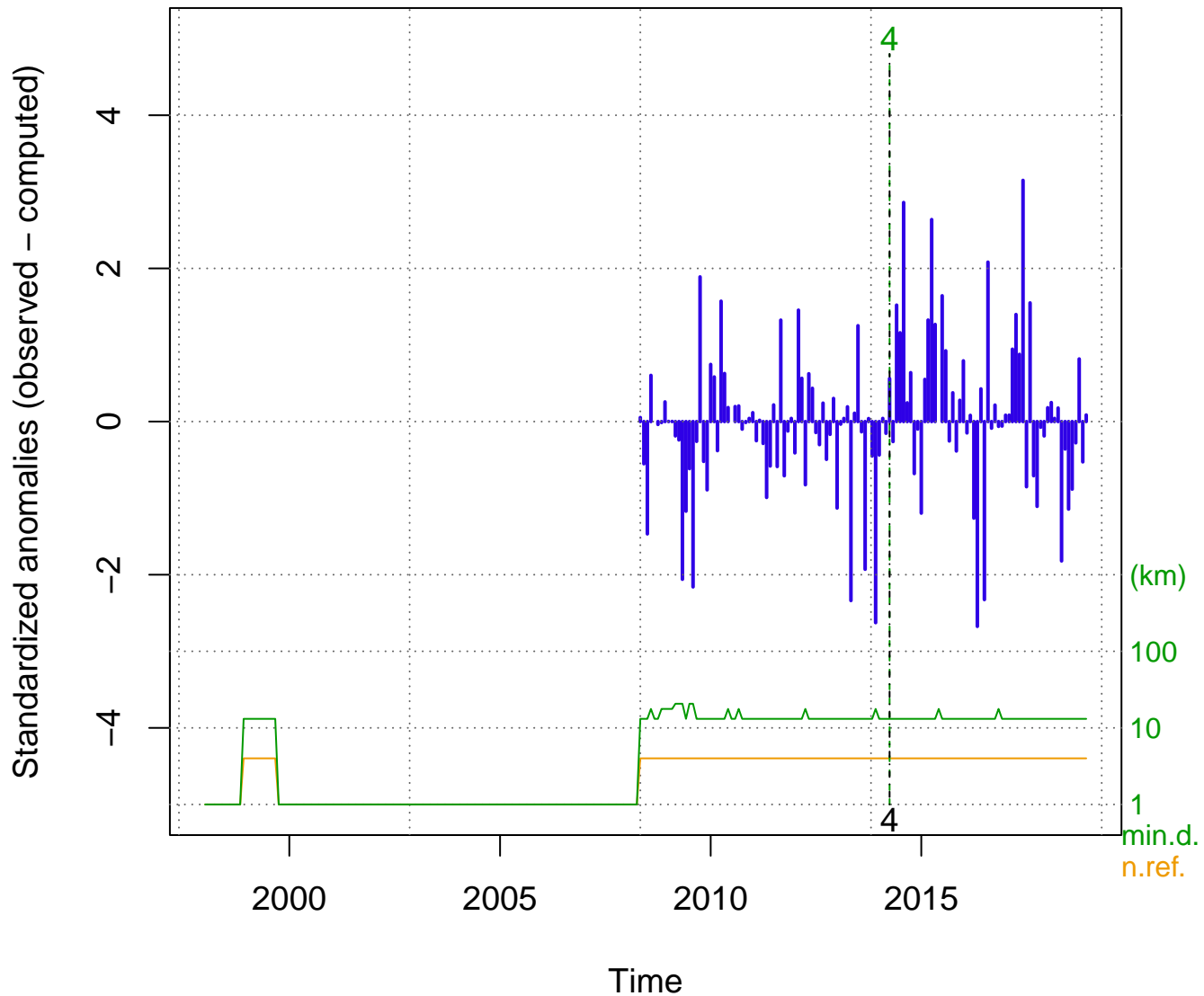
Rmon 73 (19160) SAN IGNACIO DE TEXAS



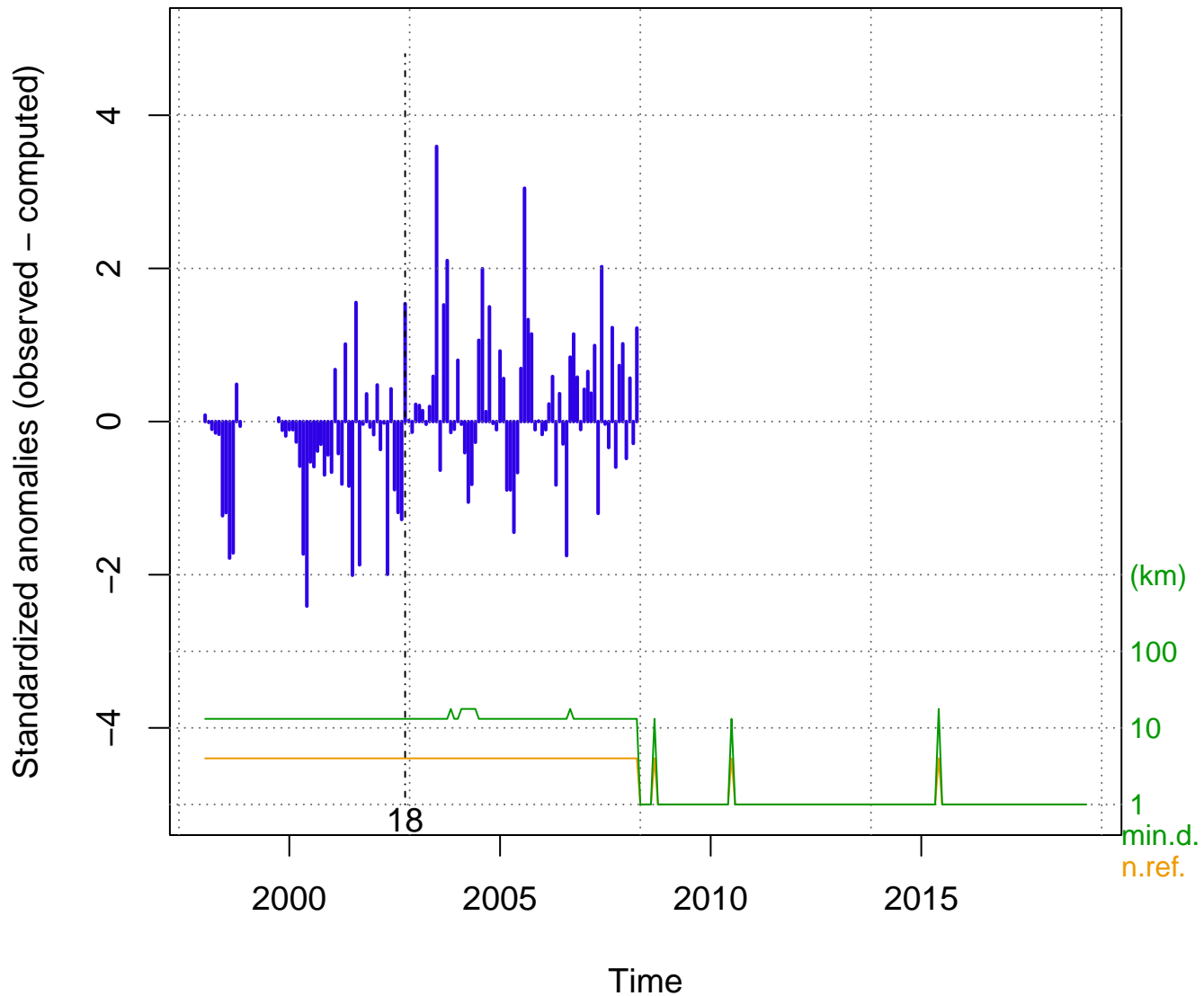
Rmon 74 (19136) SAN ISIDRO



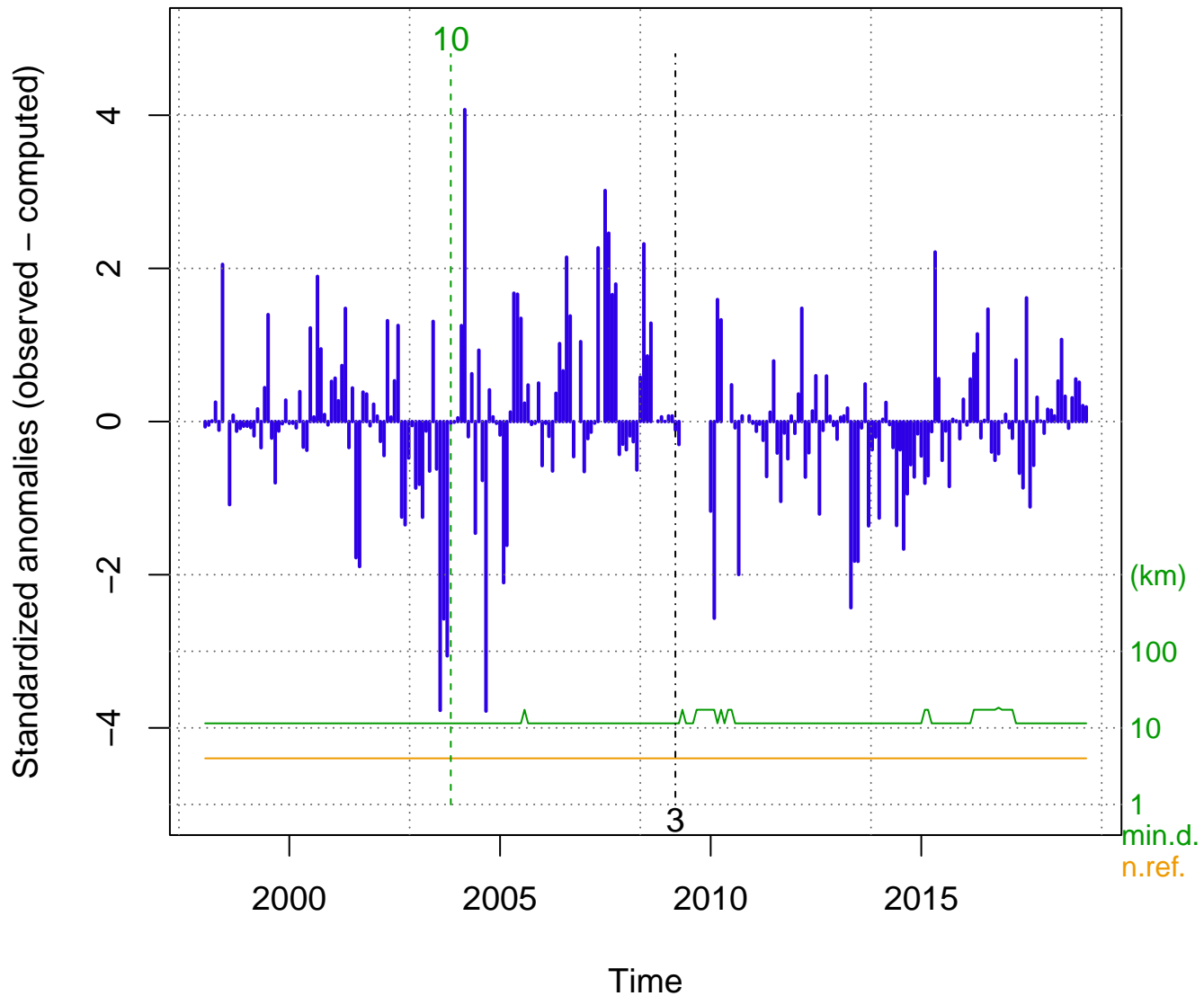
Rmon 75 (19137) SAN JORGE



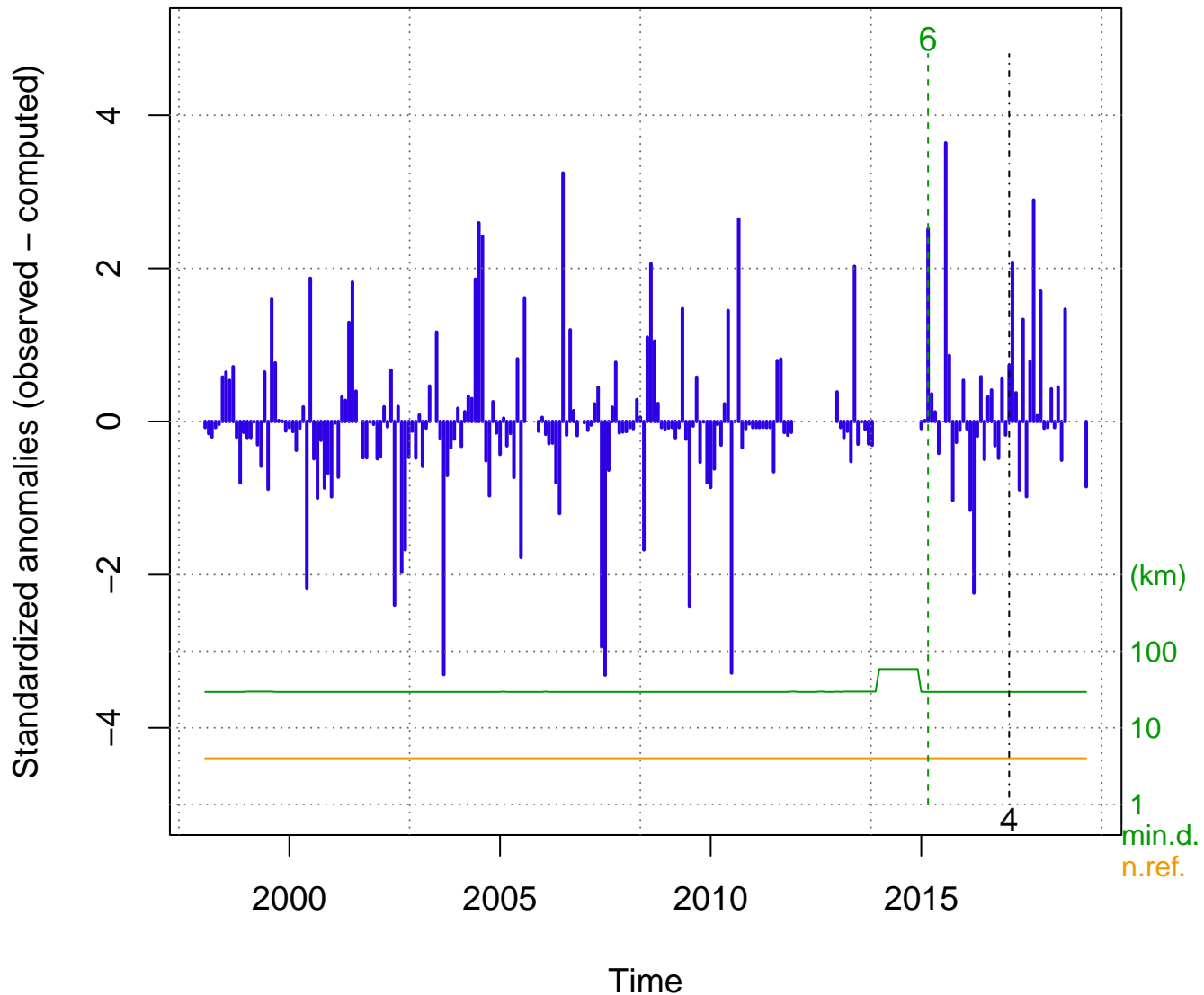
Rmon 90 (19137-2) SAN JORGE-2



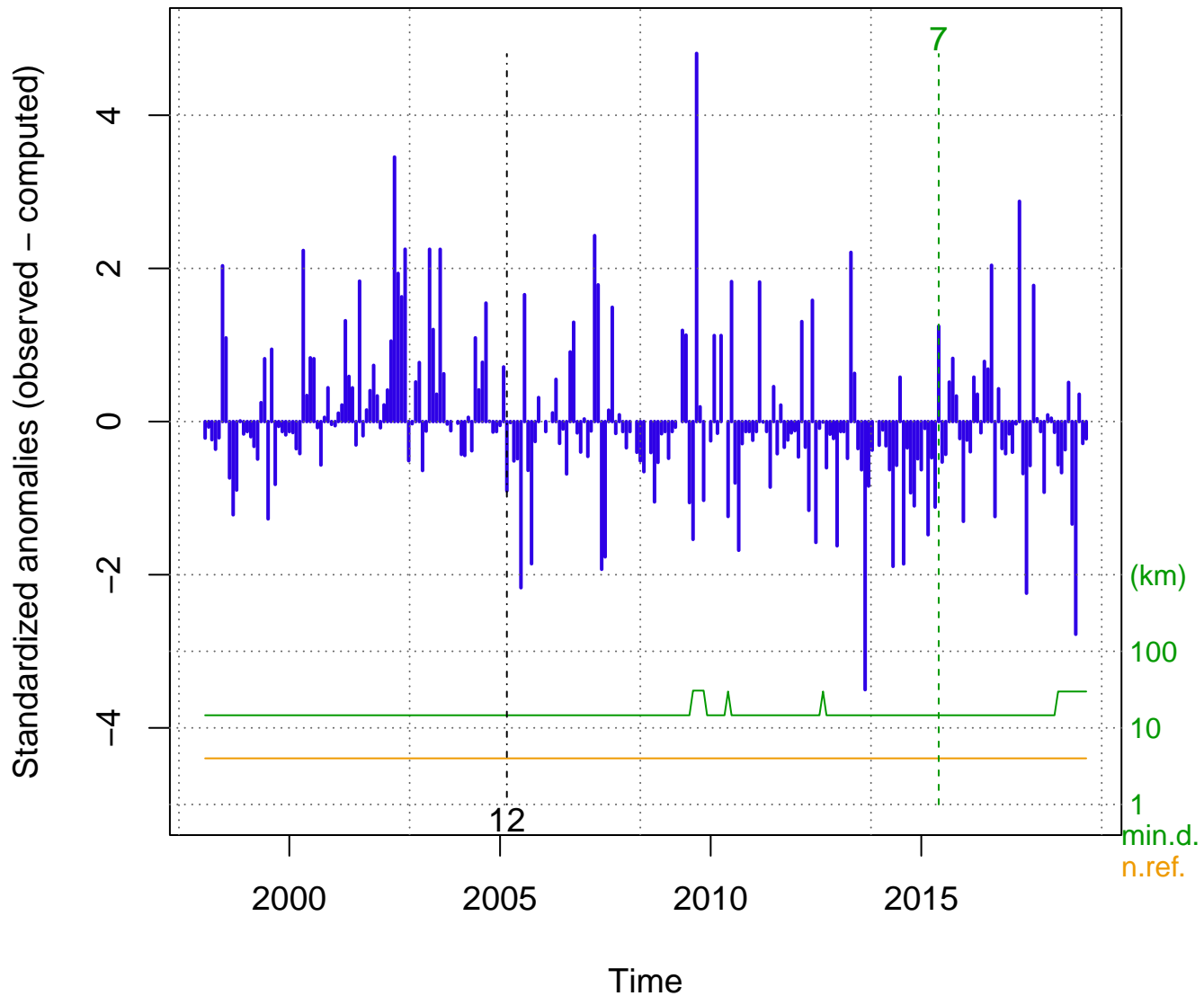
Rmon 76 (19050) SAN JOSE DE RAICES



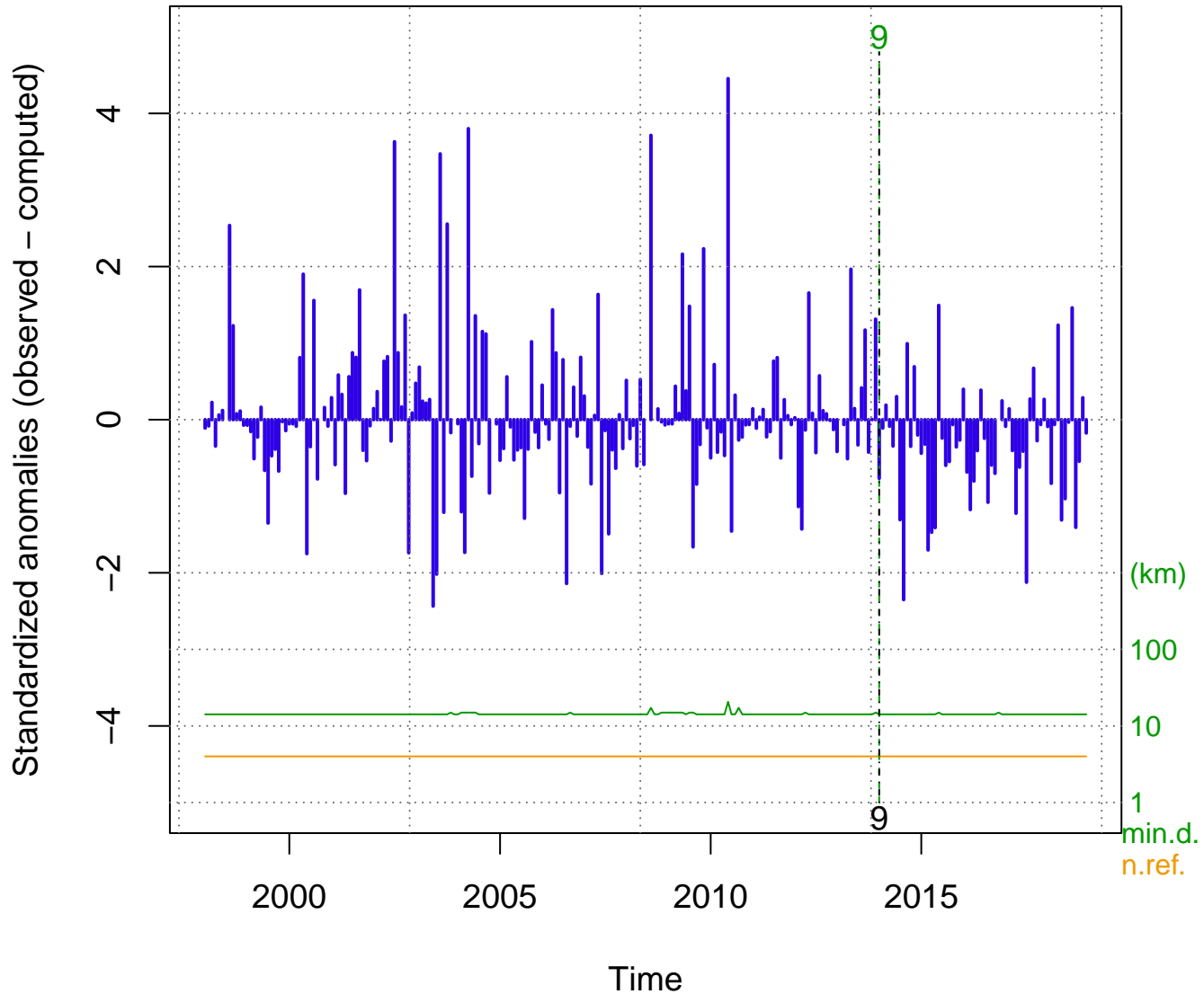
Rmon 77 (5145) SAN JUAN DE LA VAQUERIA



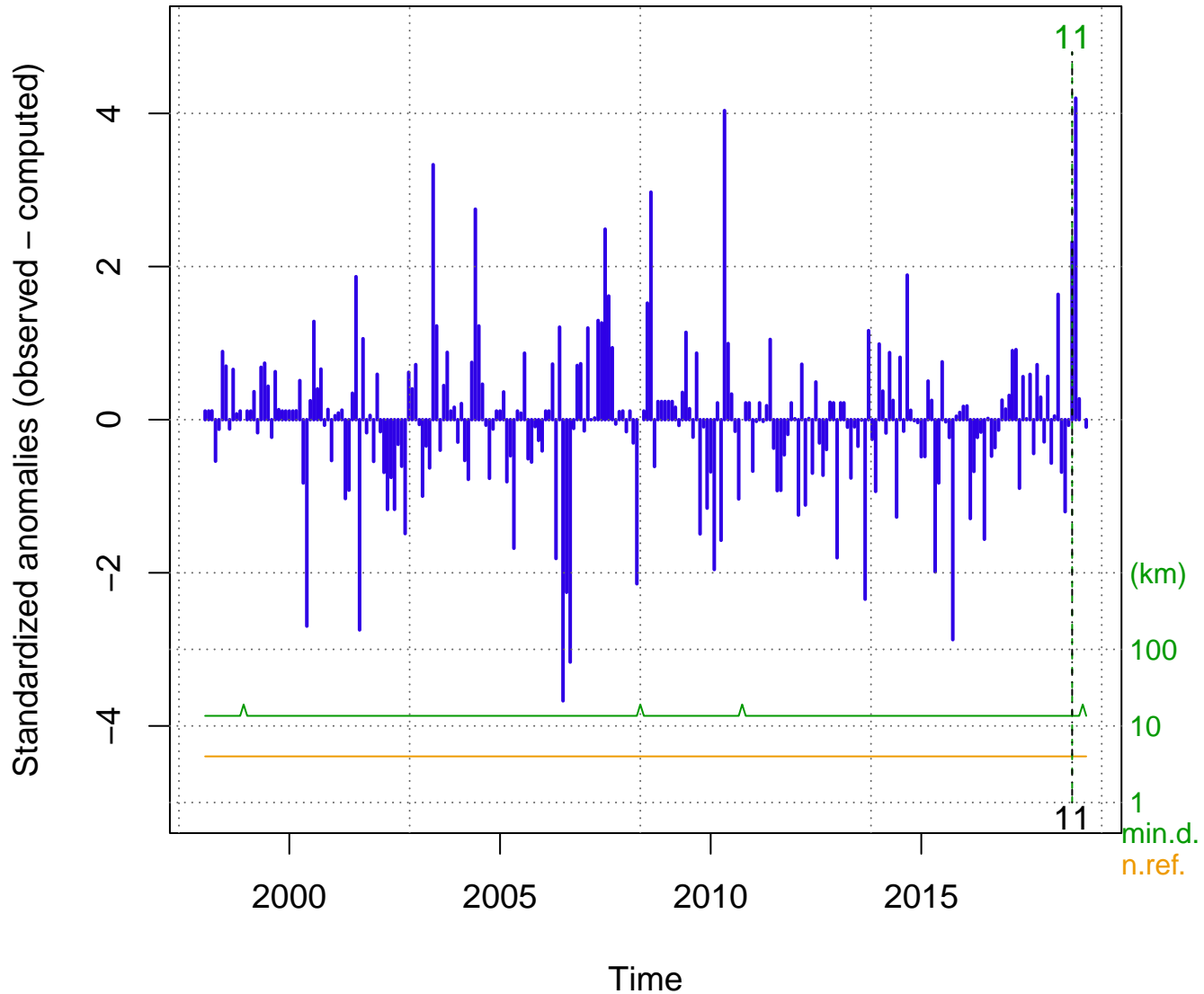
Rmon 78 (19057) SAN RAFAEL



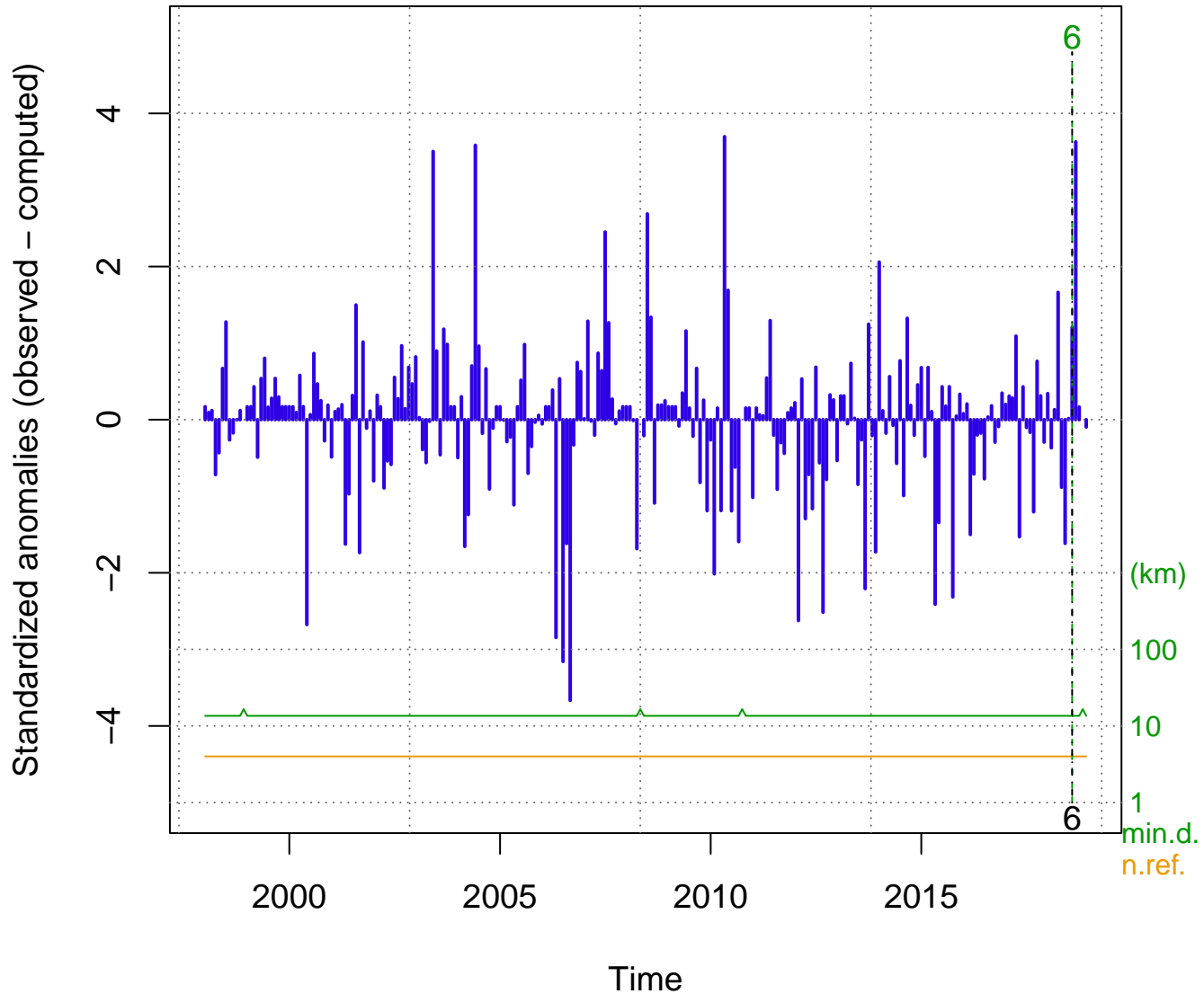
Rmon 79 (19182) SAN ROBERTO



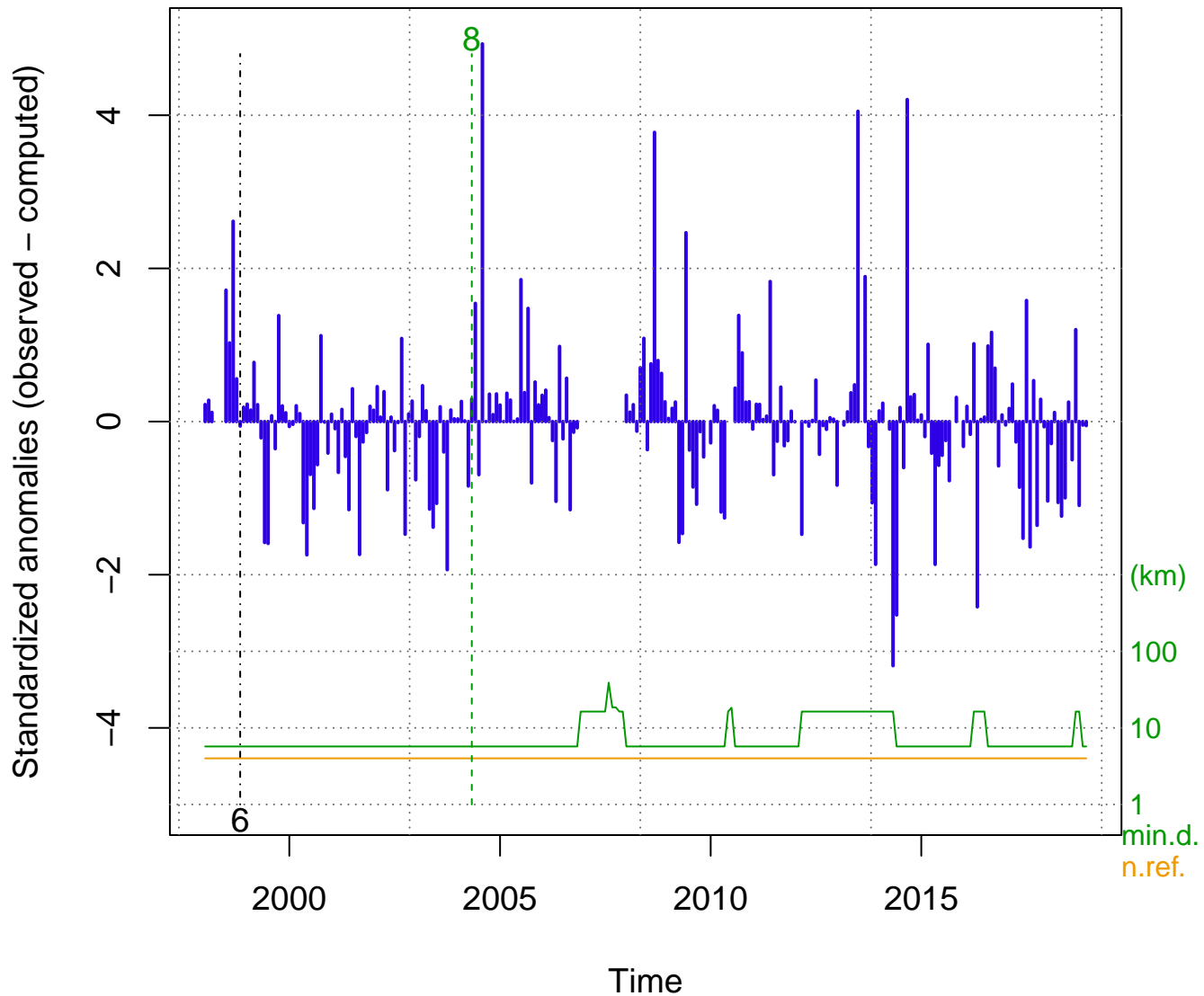
Rmon 80 (19138) SANTA ANA



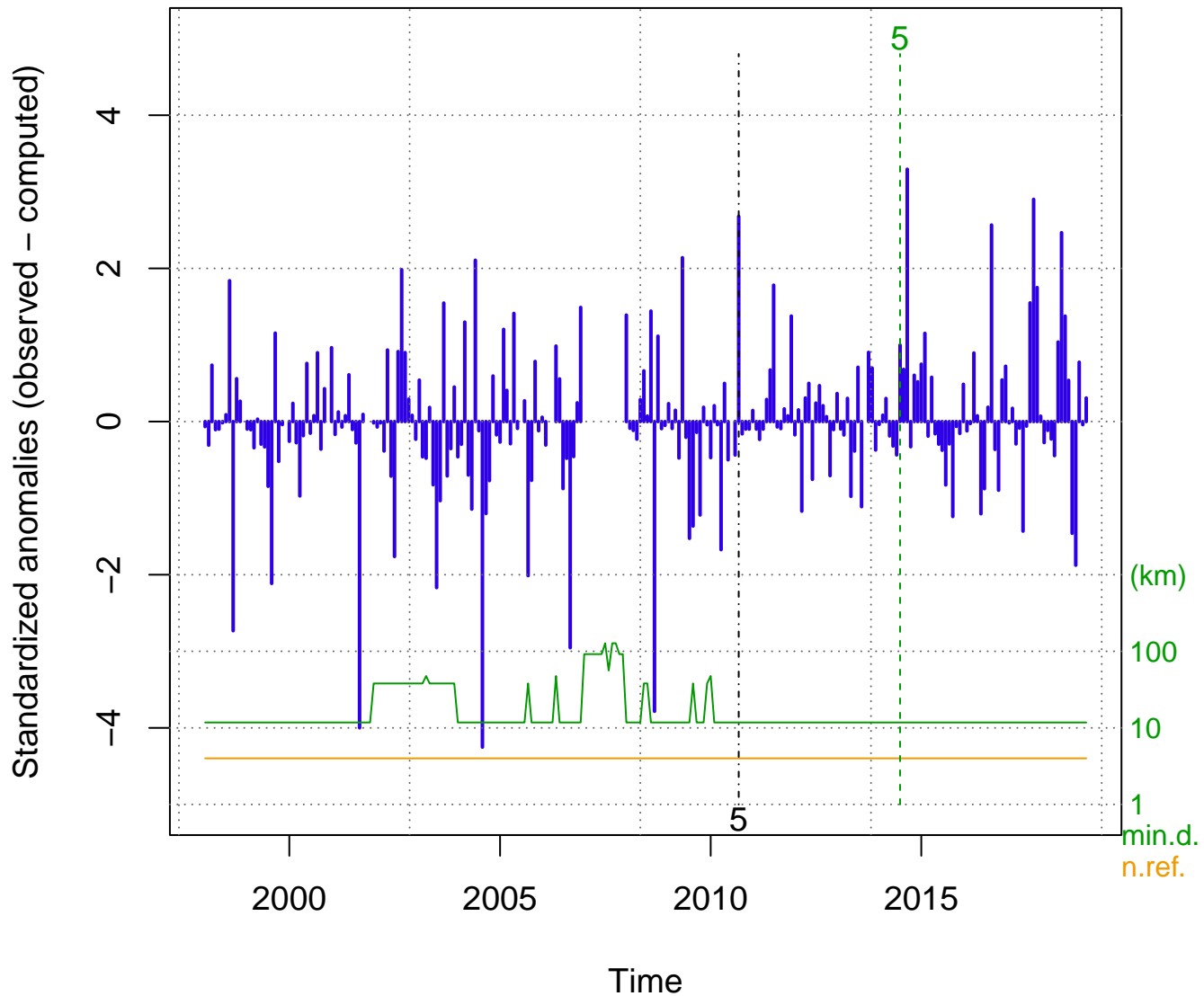
Rmon 81 (19059) SANTA ROSA



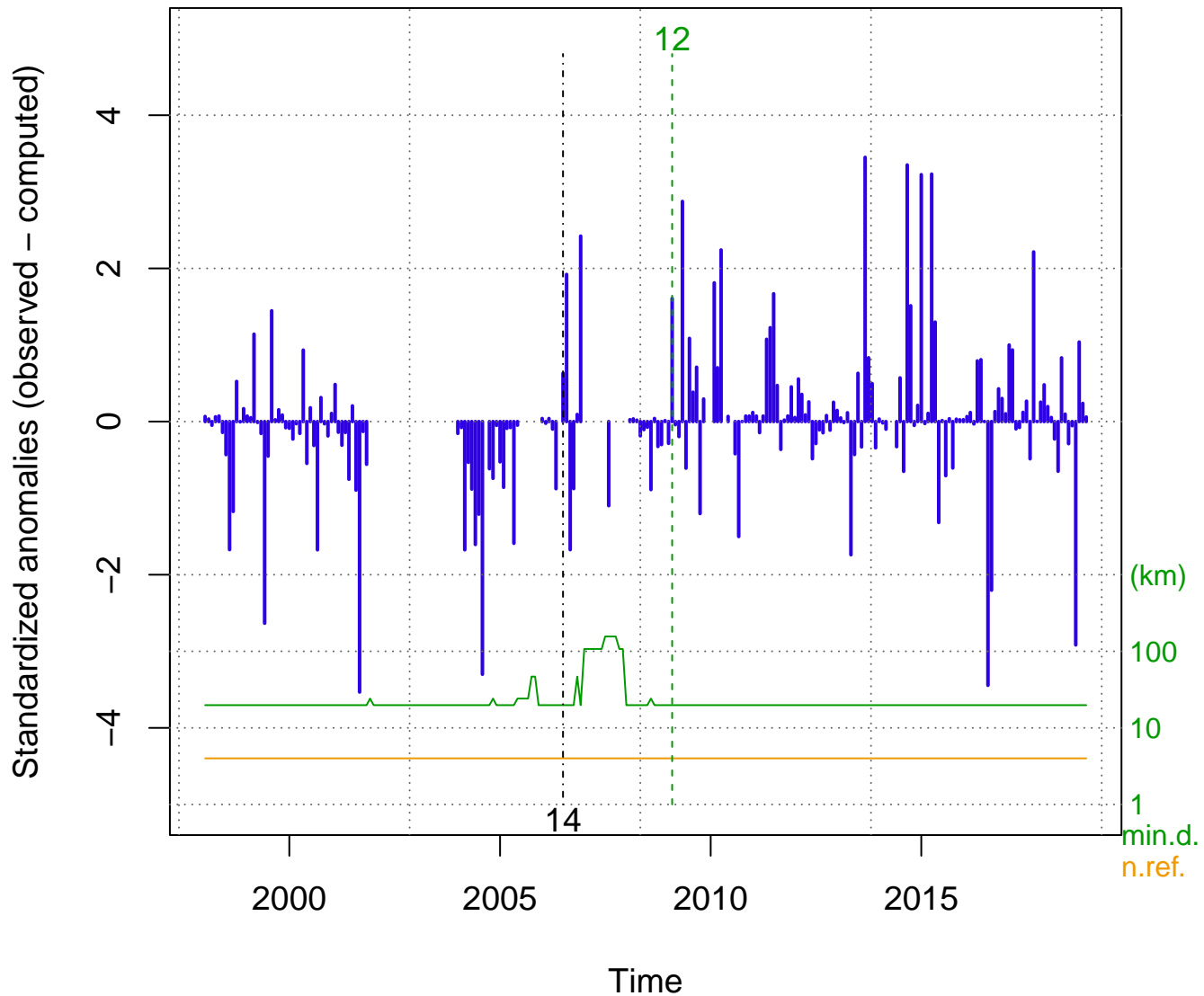
Rmon 82 (19193) SANTA ROSA I



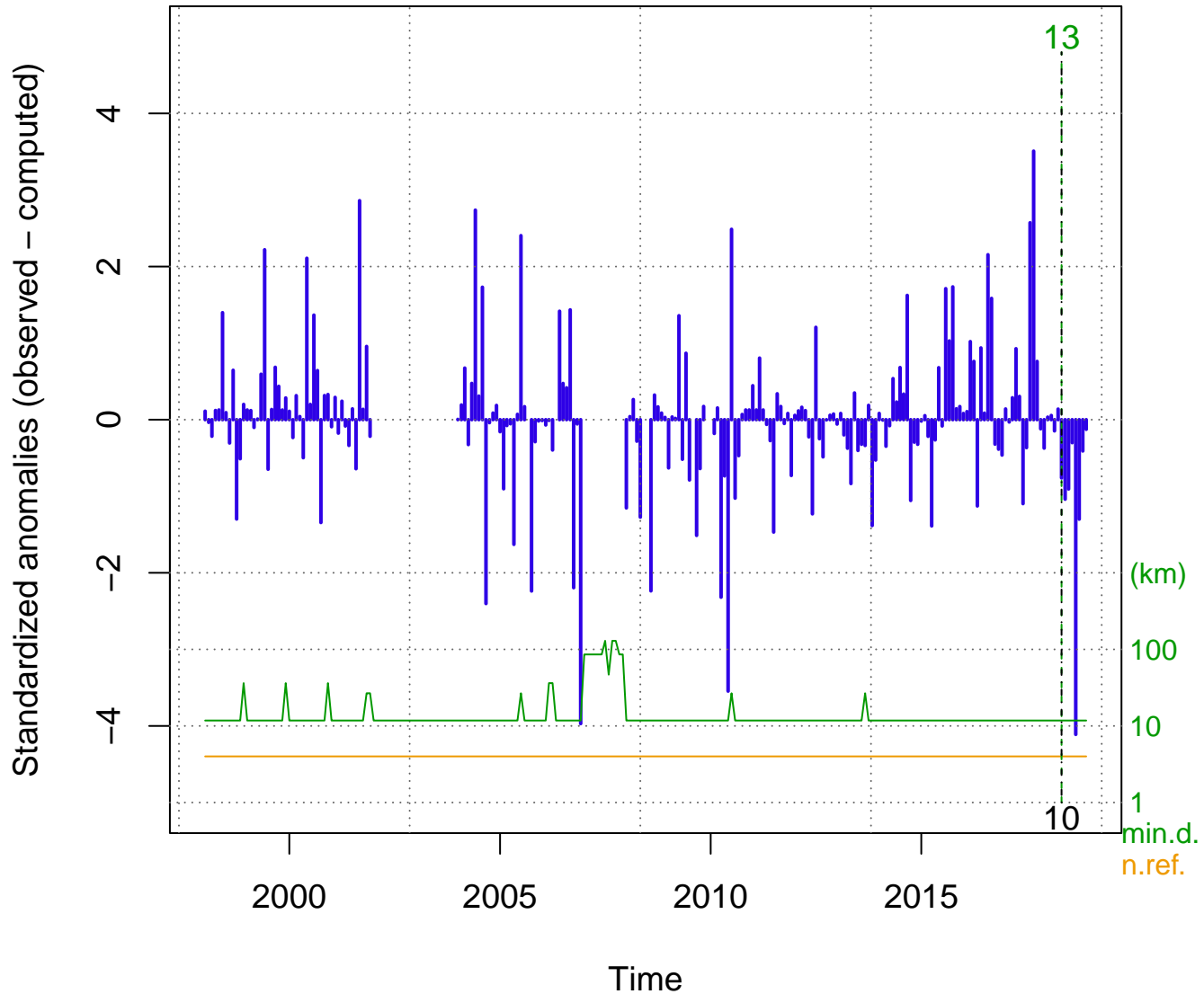
Rmon 83 (19178) SIERRA MORENA



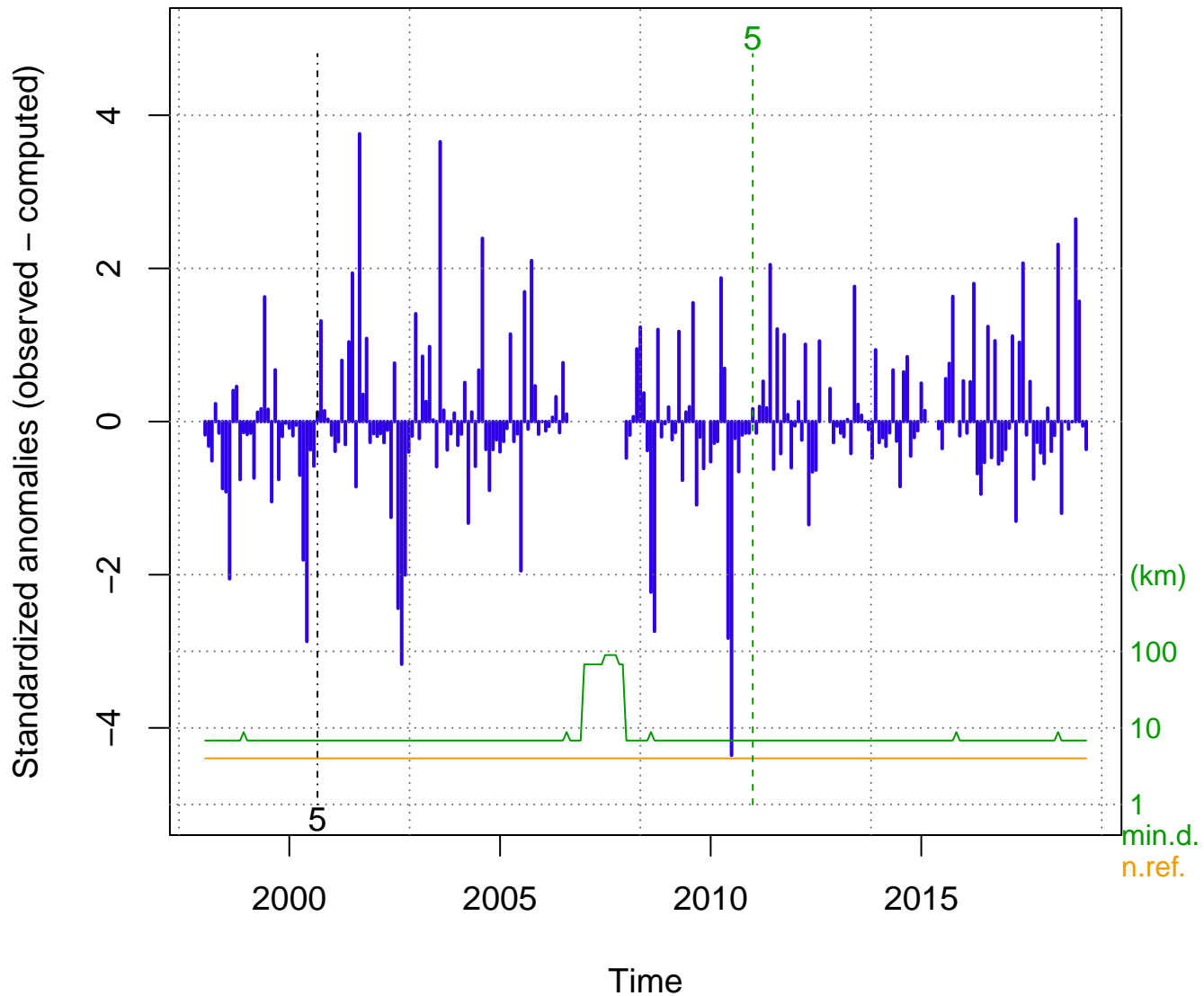
Rmon 84 (19063) VALLECILLO (DGE)



Rmon 85 (19141) VILLALDAMA



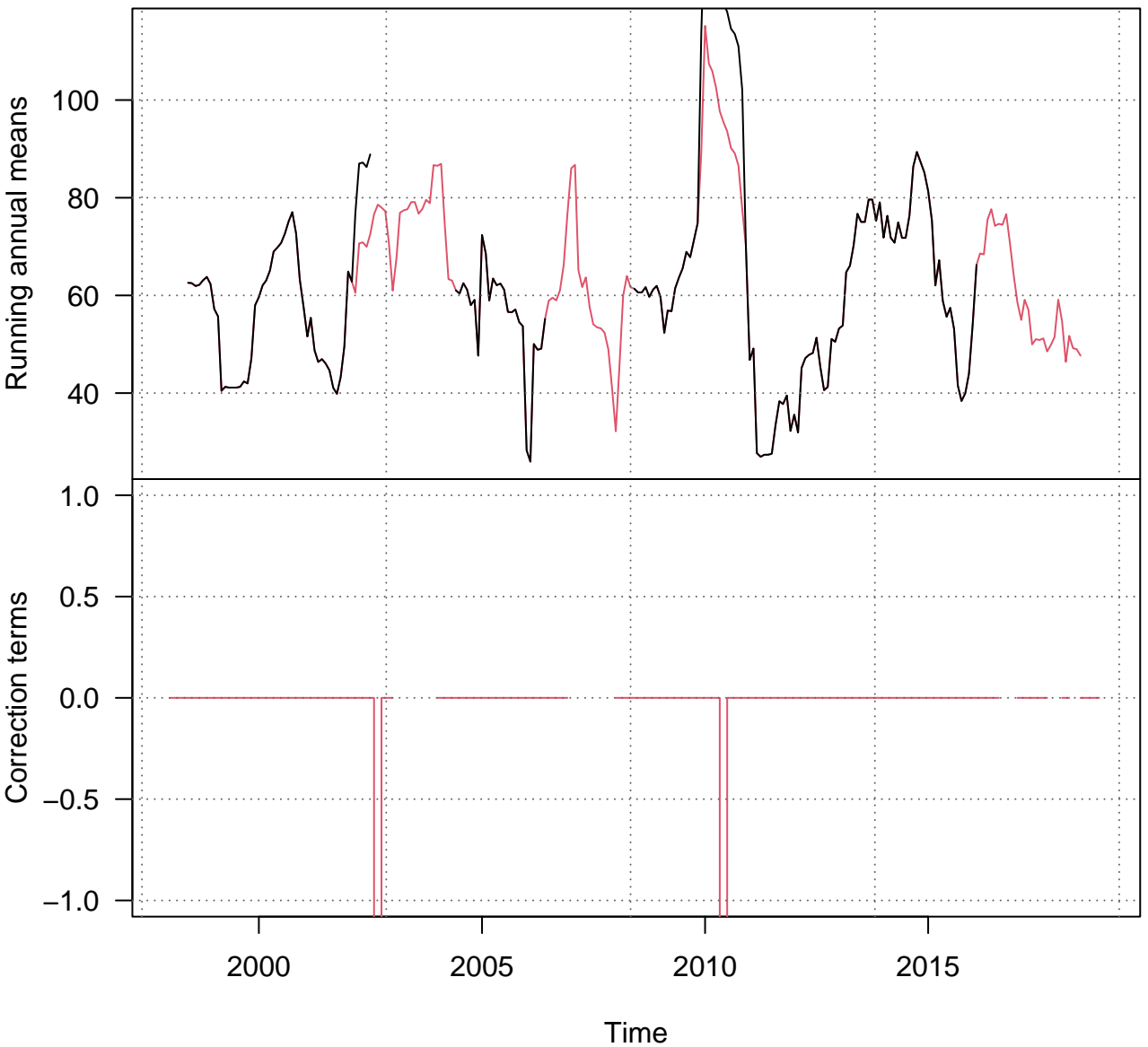
Rmon 86 (19162) VISTA HERMOSA



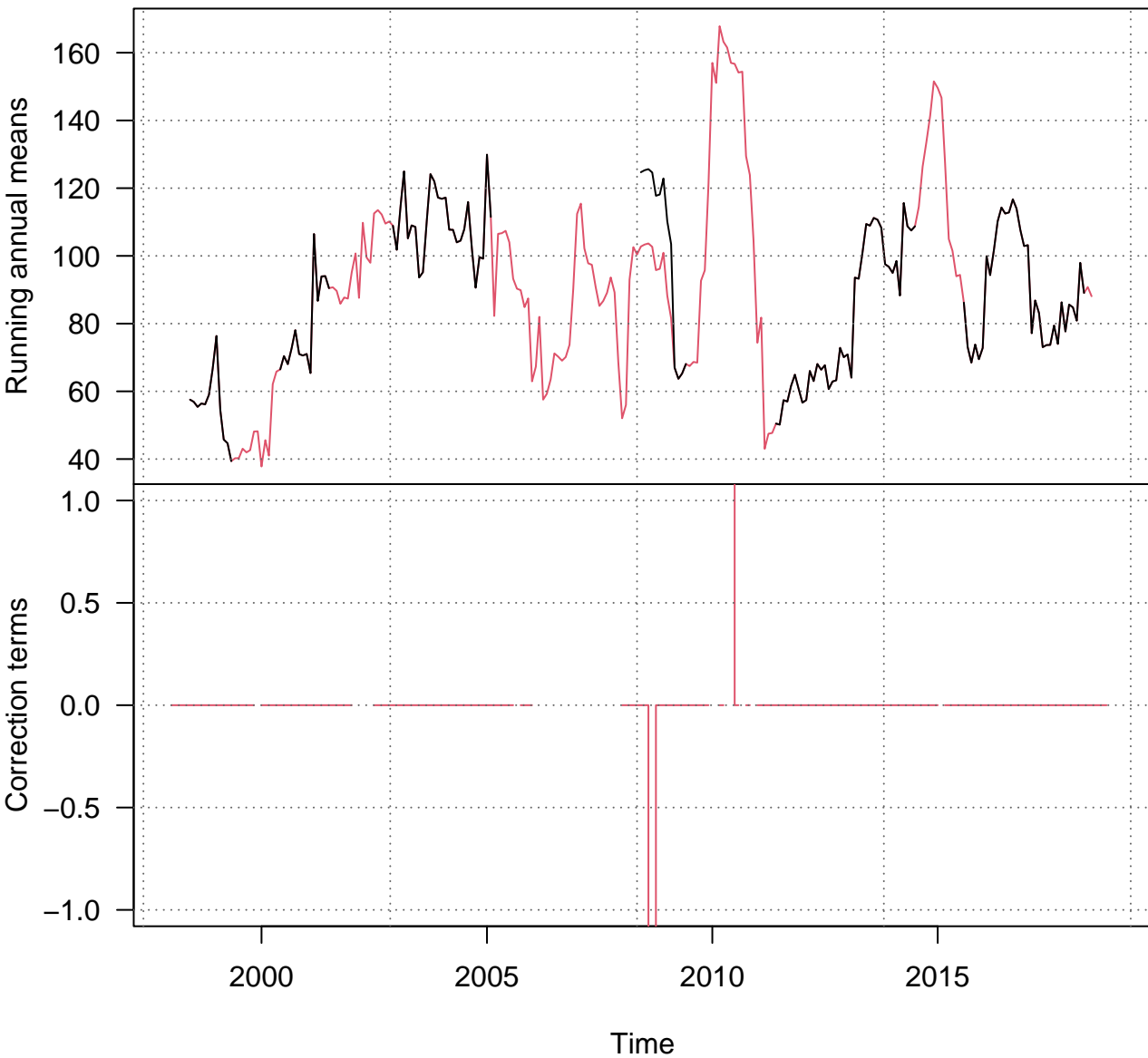
Final graphics

Adjusted series and
applied corrections

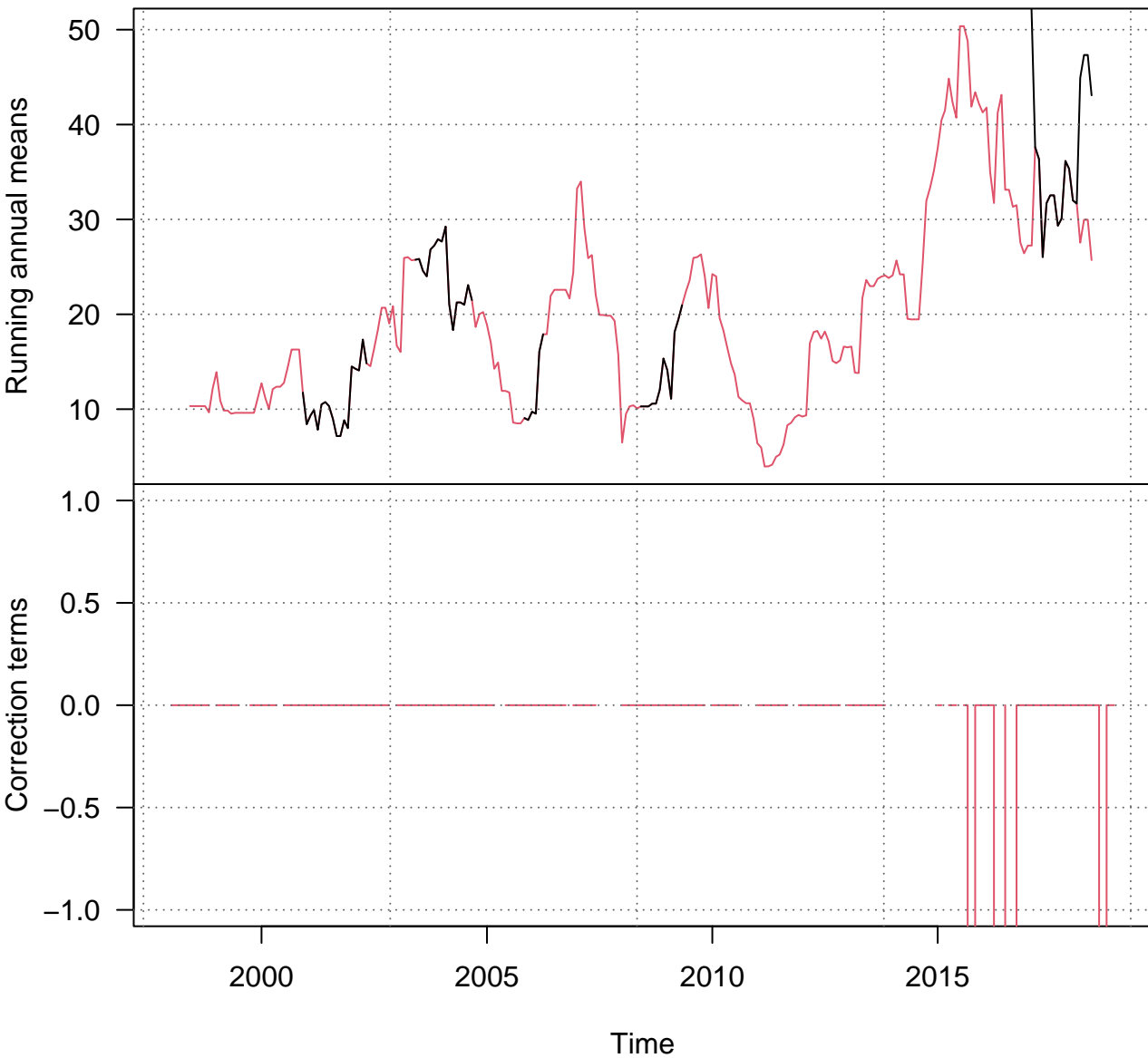
Rmon 1 (19002) AGUA BLANCA



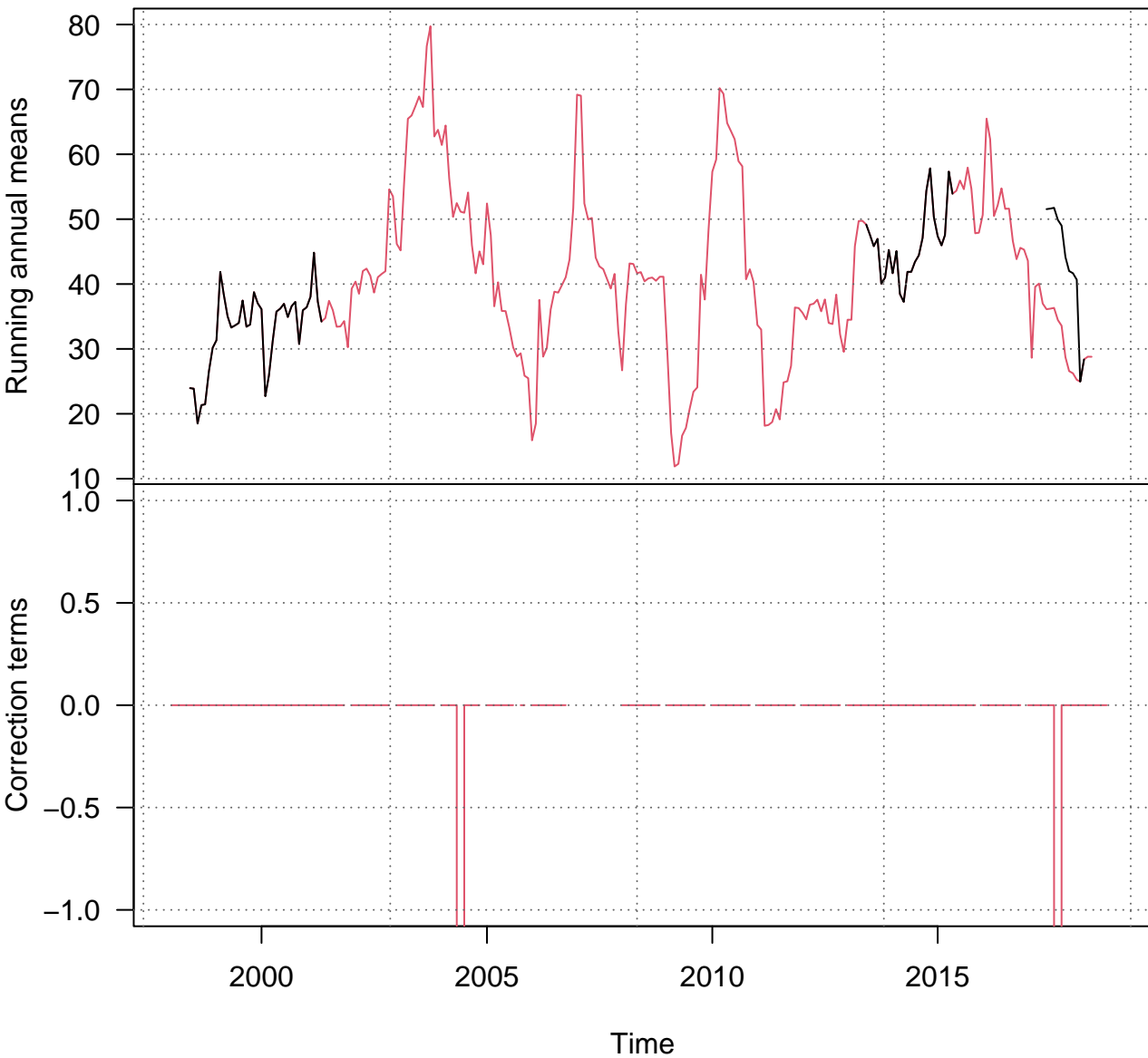
Rmon 2 (19003) ALLENDE



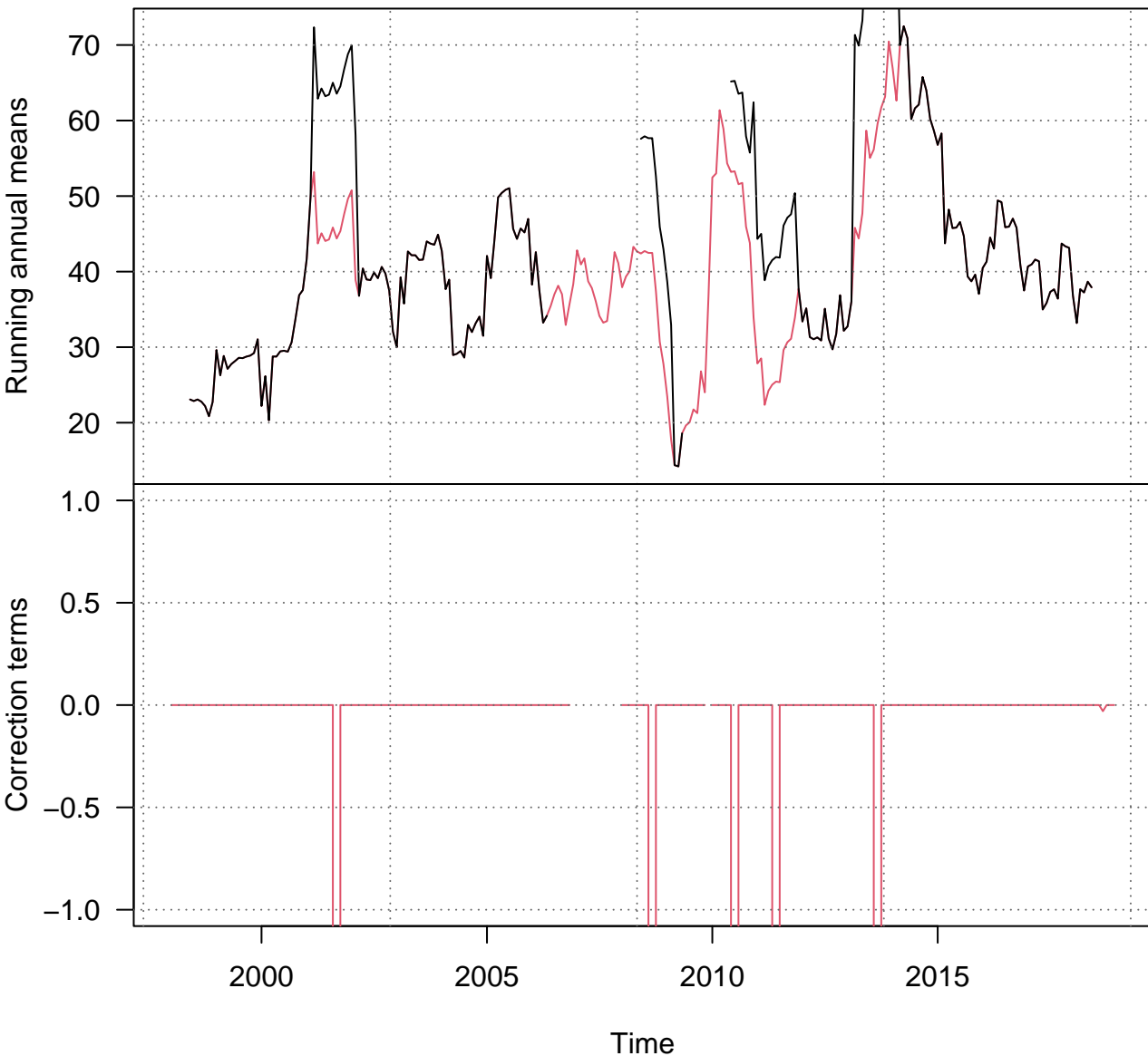
Rmon 3 (5151) ALTO DE NORIAS



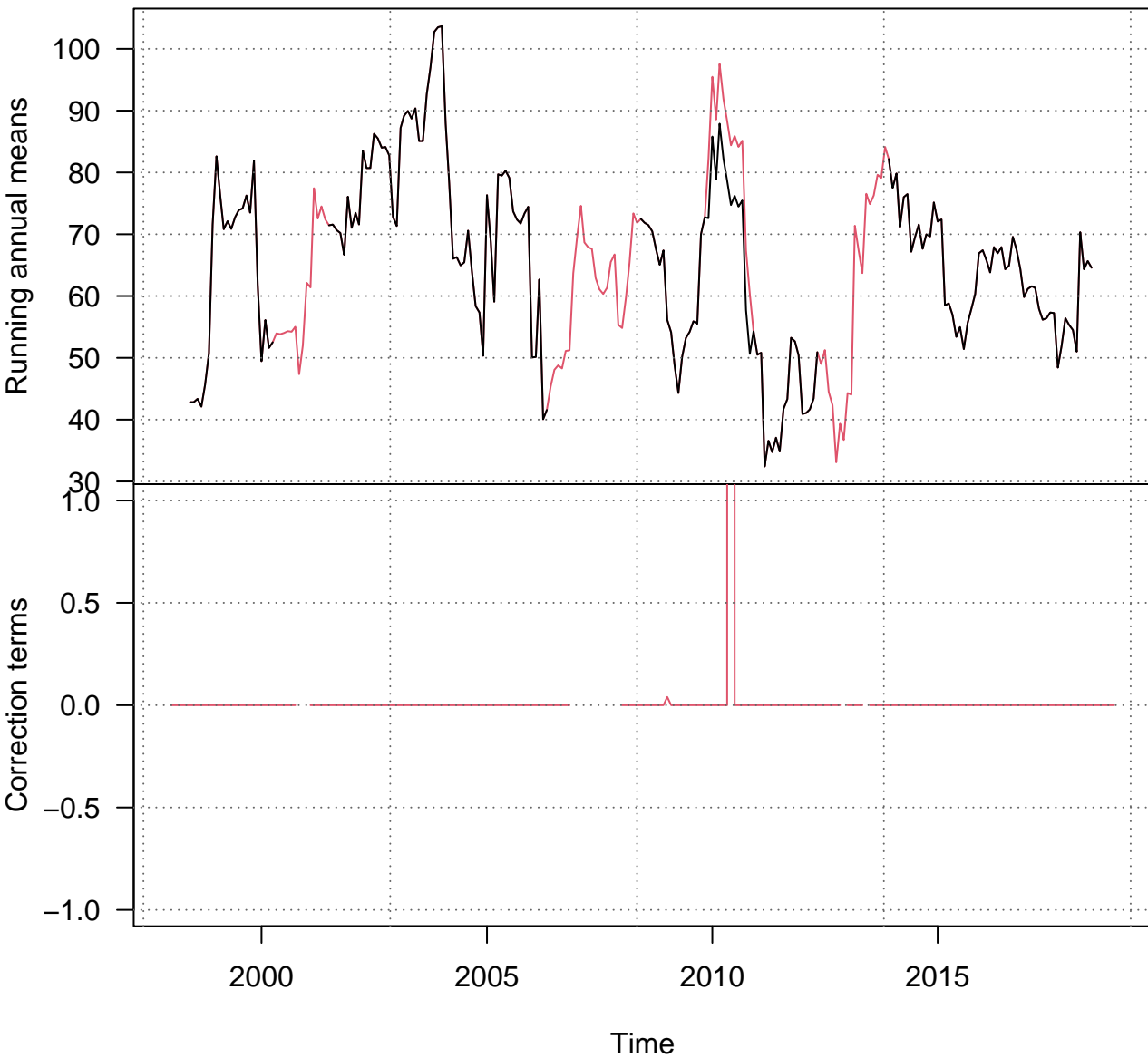
Rmon 4 (19024) ANAHUAC



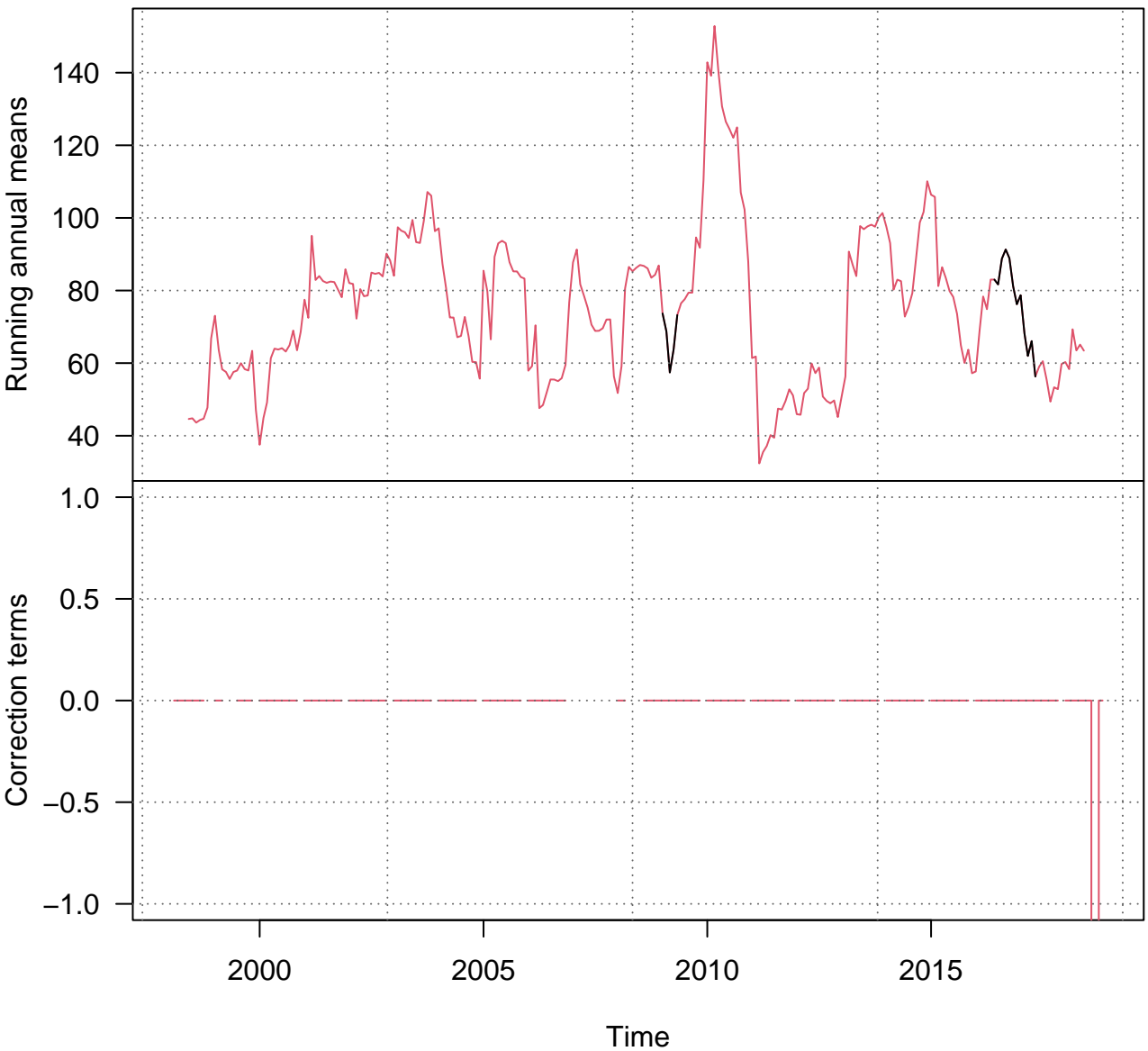
Rmon 5 (19005) ARAMBERRI II



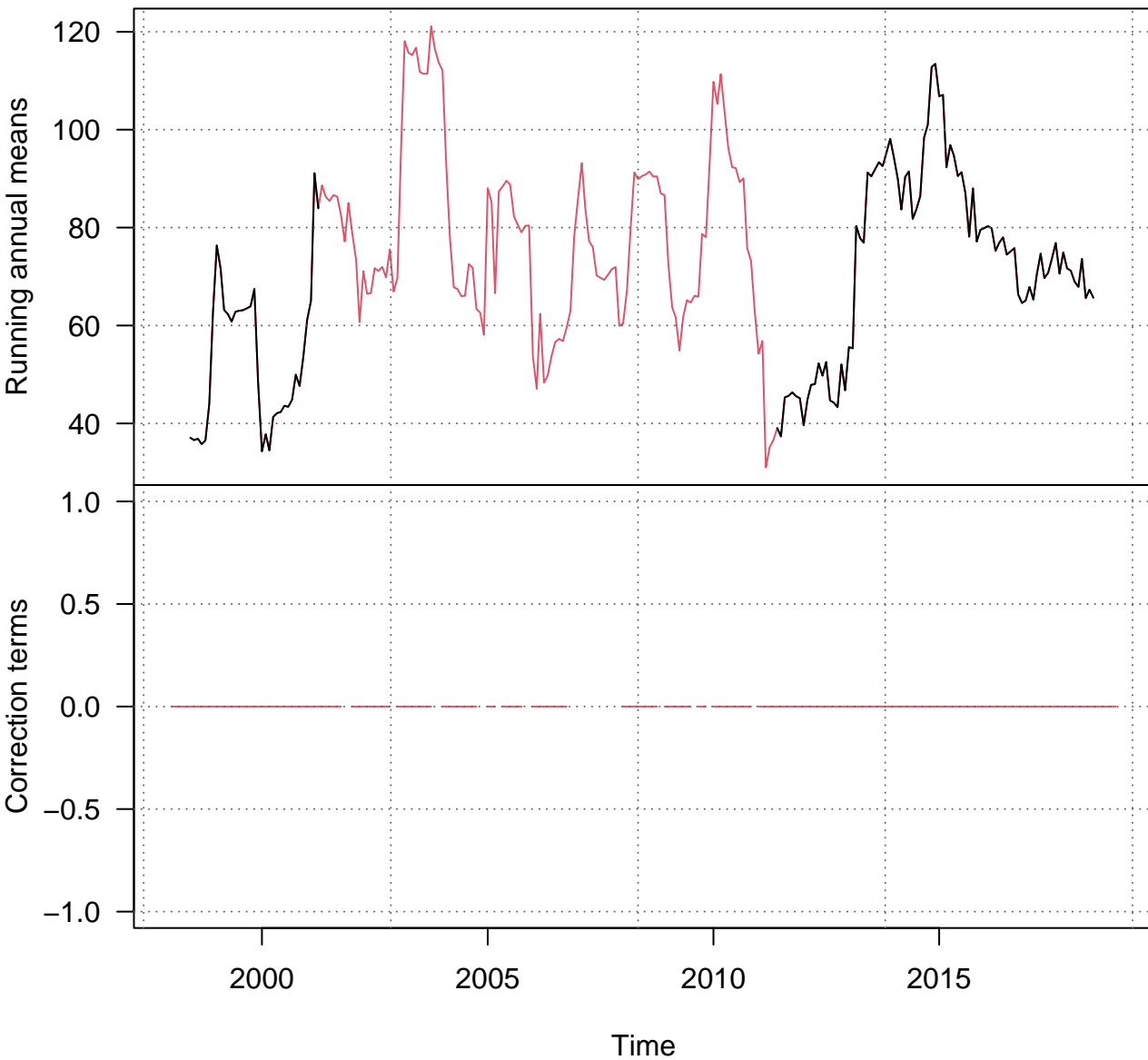
Rmon 6 (19112)
BENITEZ



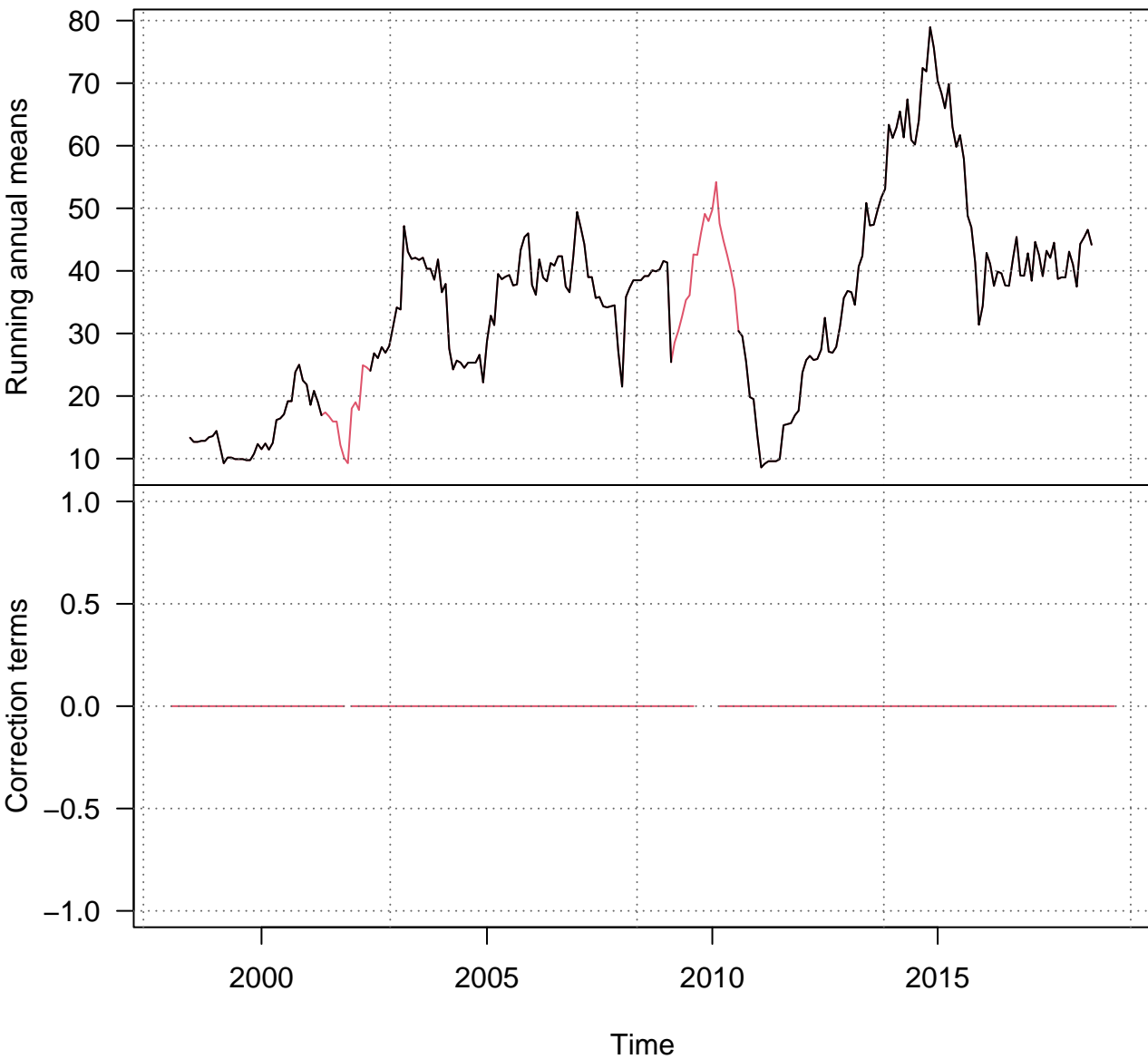
Rmon 7 (19007) CABEZONES



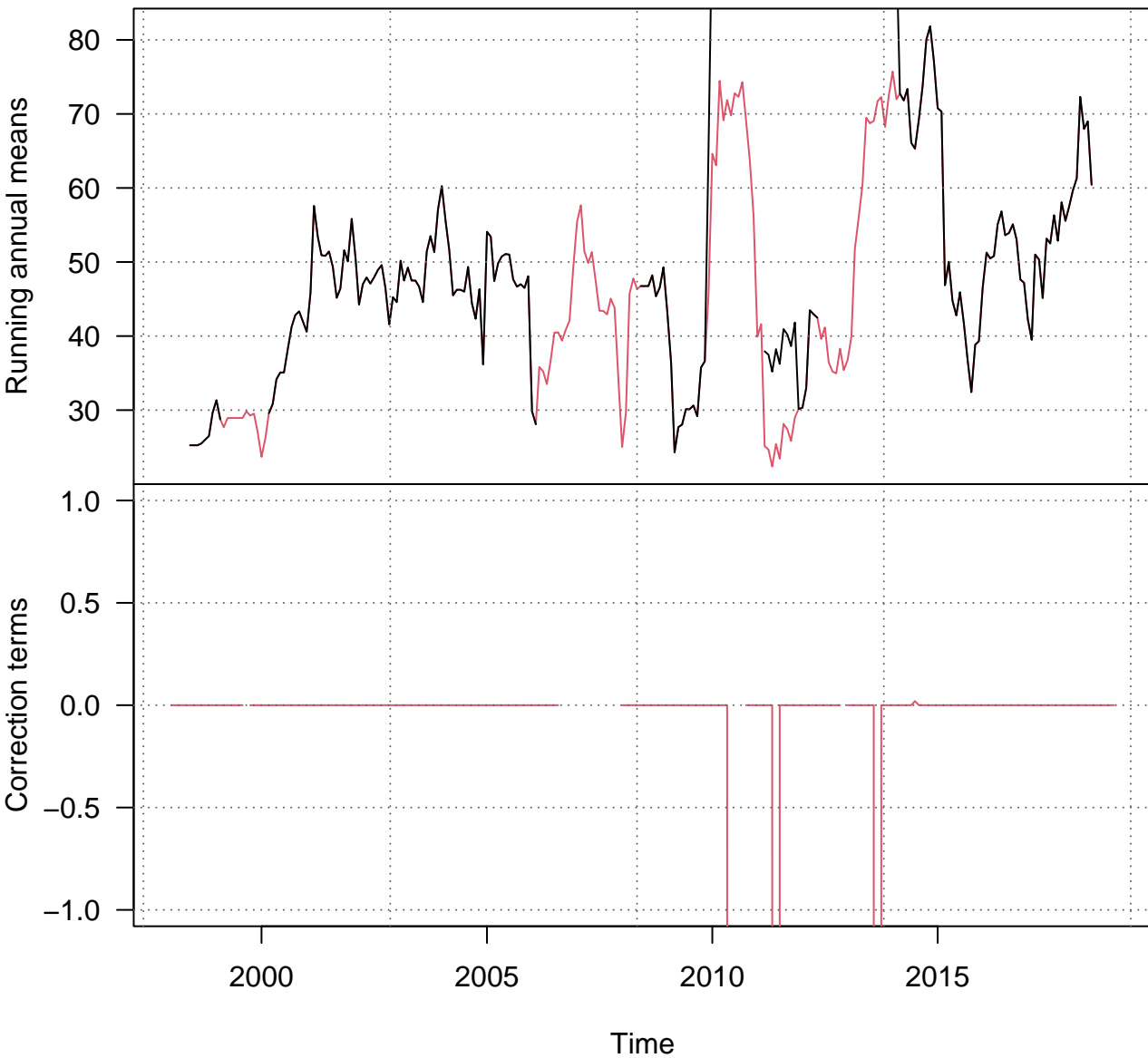
Rmon 8 (19035) CAMACHO



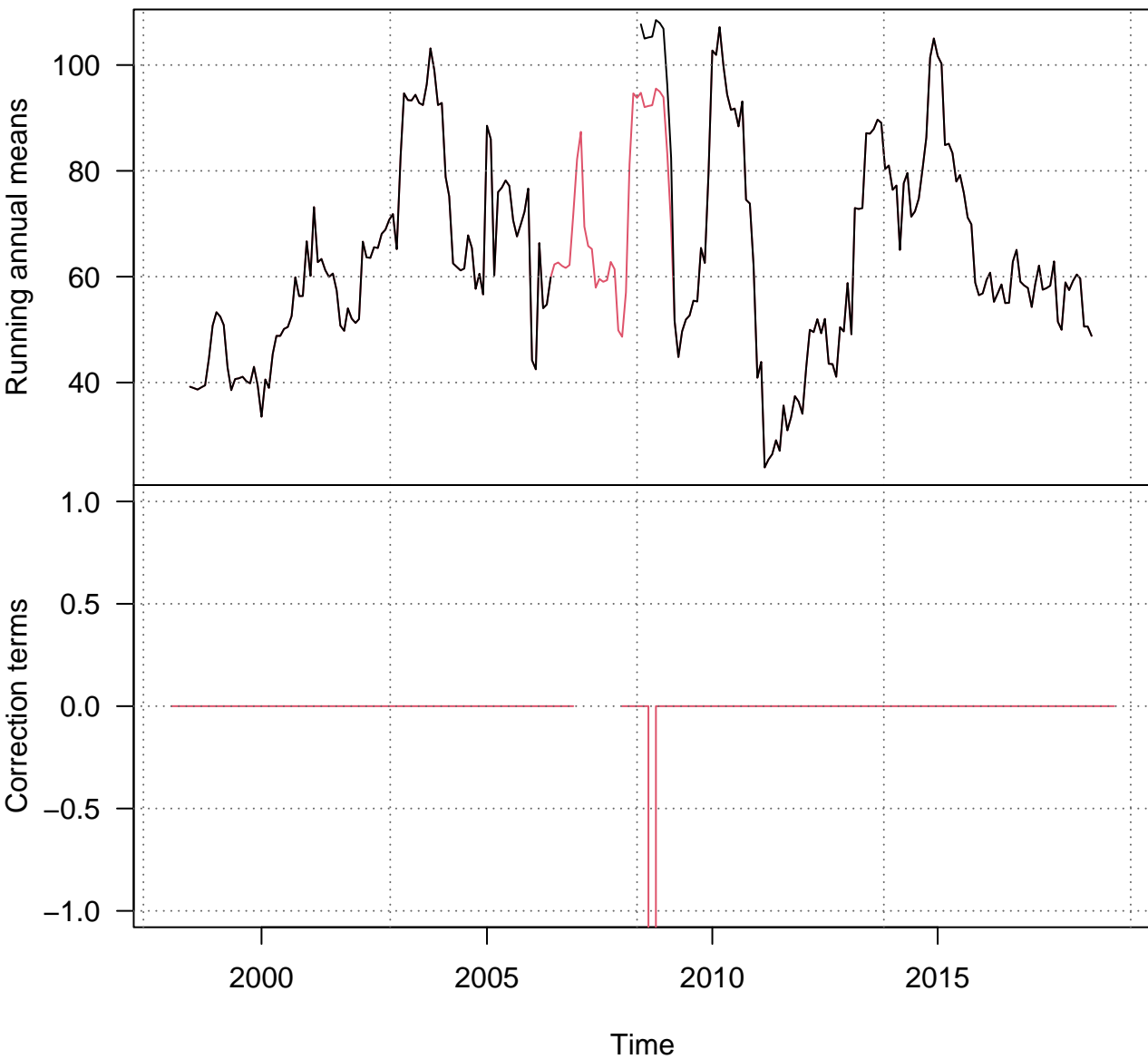
Rmon 9 (19032) CARBONERA



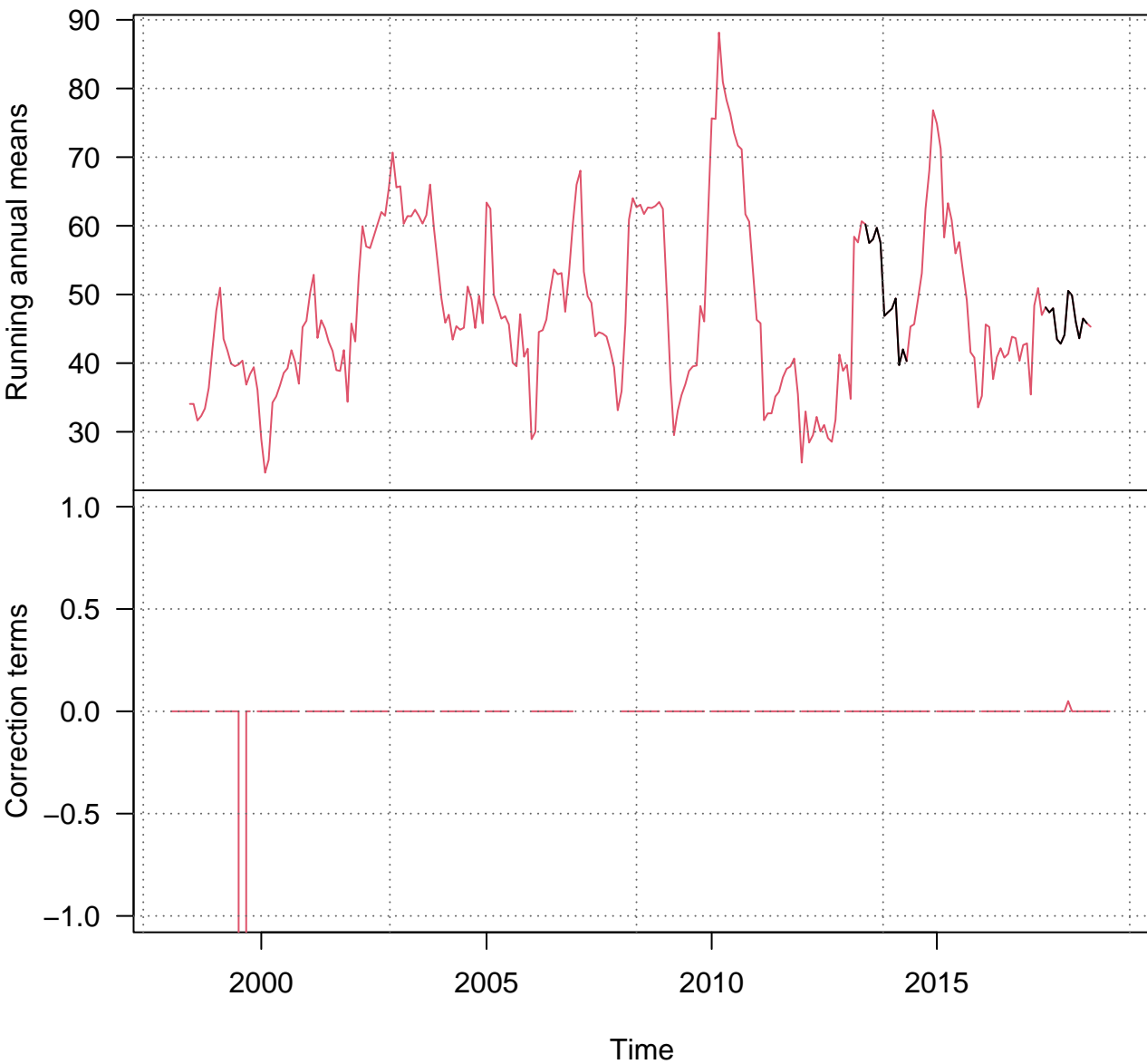
Rmon 10 (19009) CASILLAS



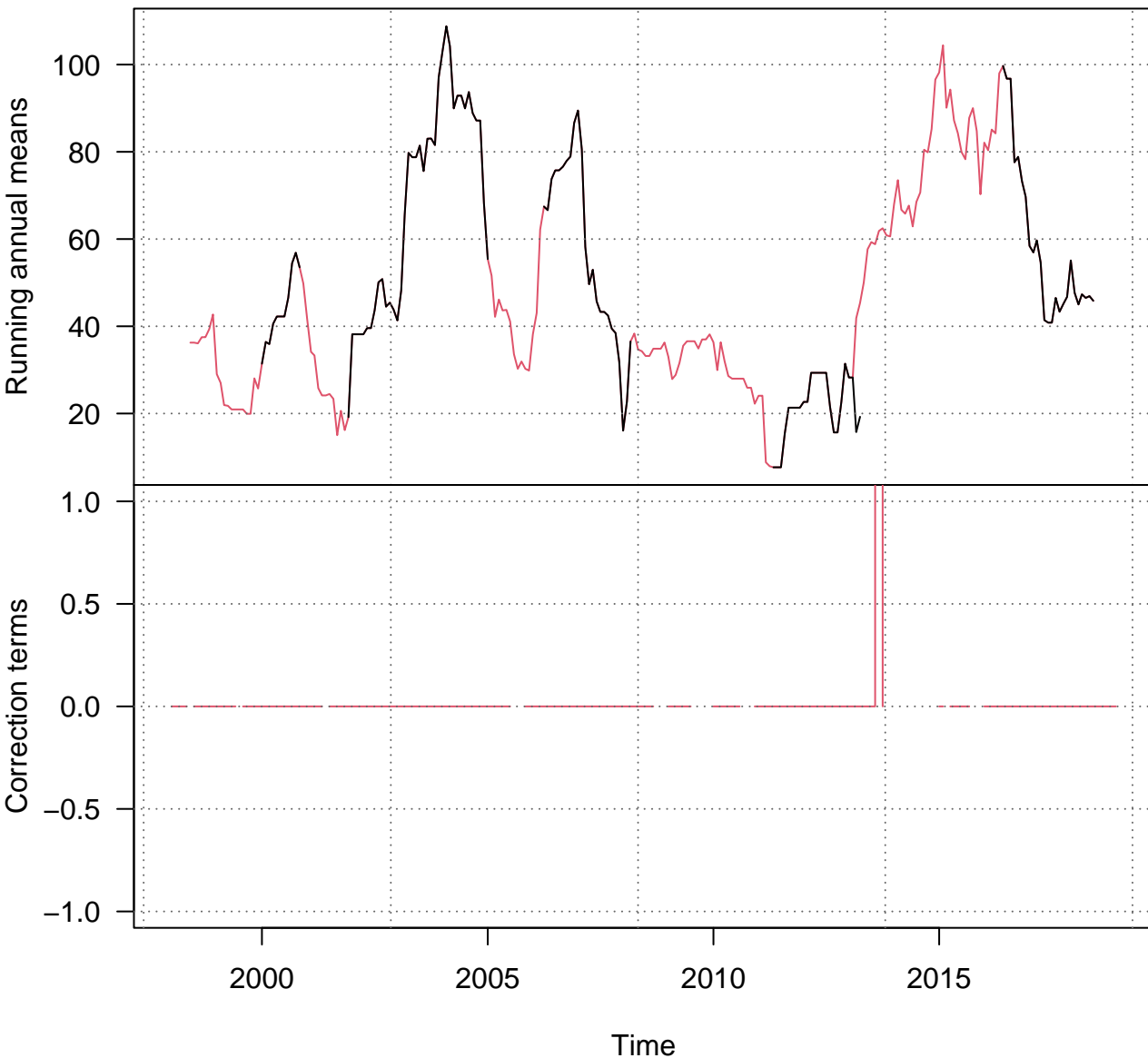
Rmon 11 (19011)
CERRO PRIETO



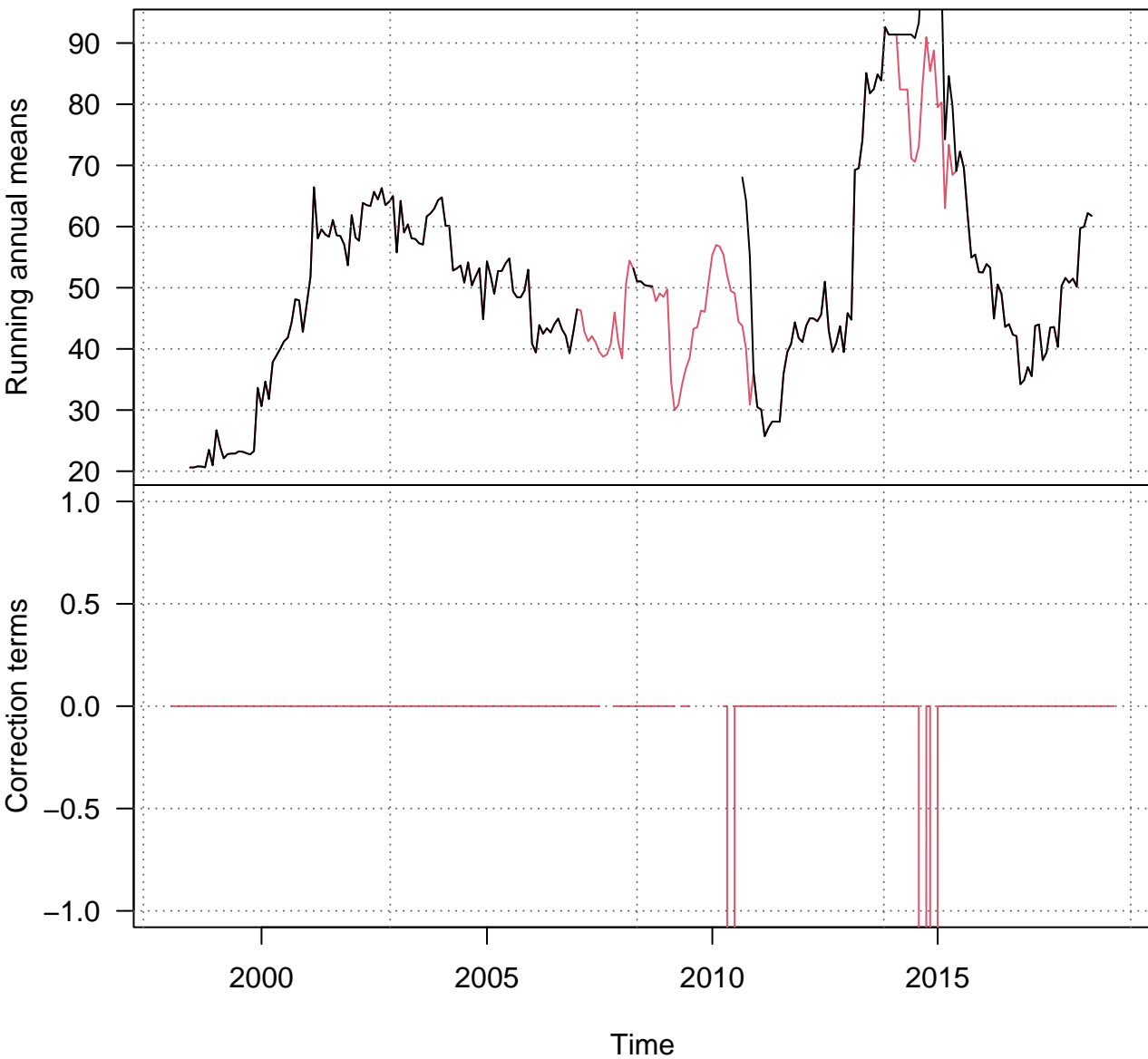
Rmon 12 (19012)
CIENEGA DE FLORES



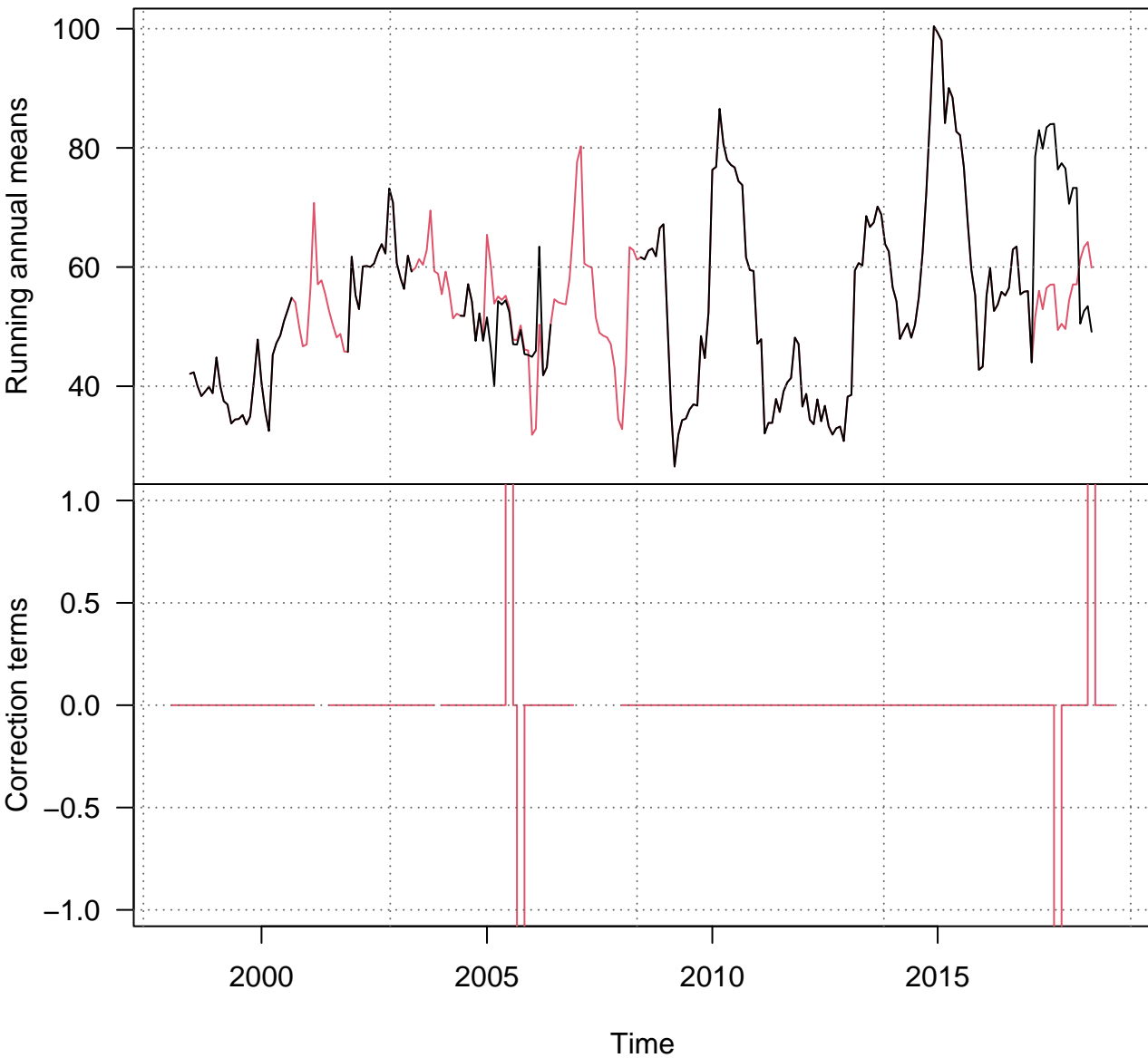
Rmon 13 (5149)
CIENEGA DE LA PURISIMA



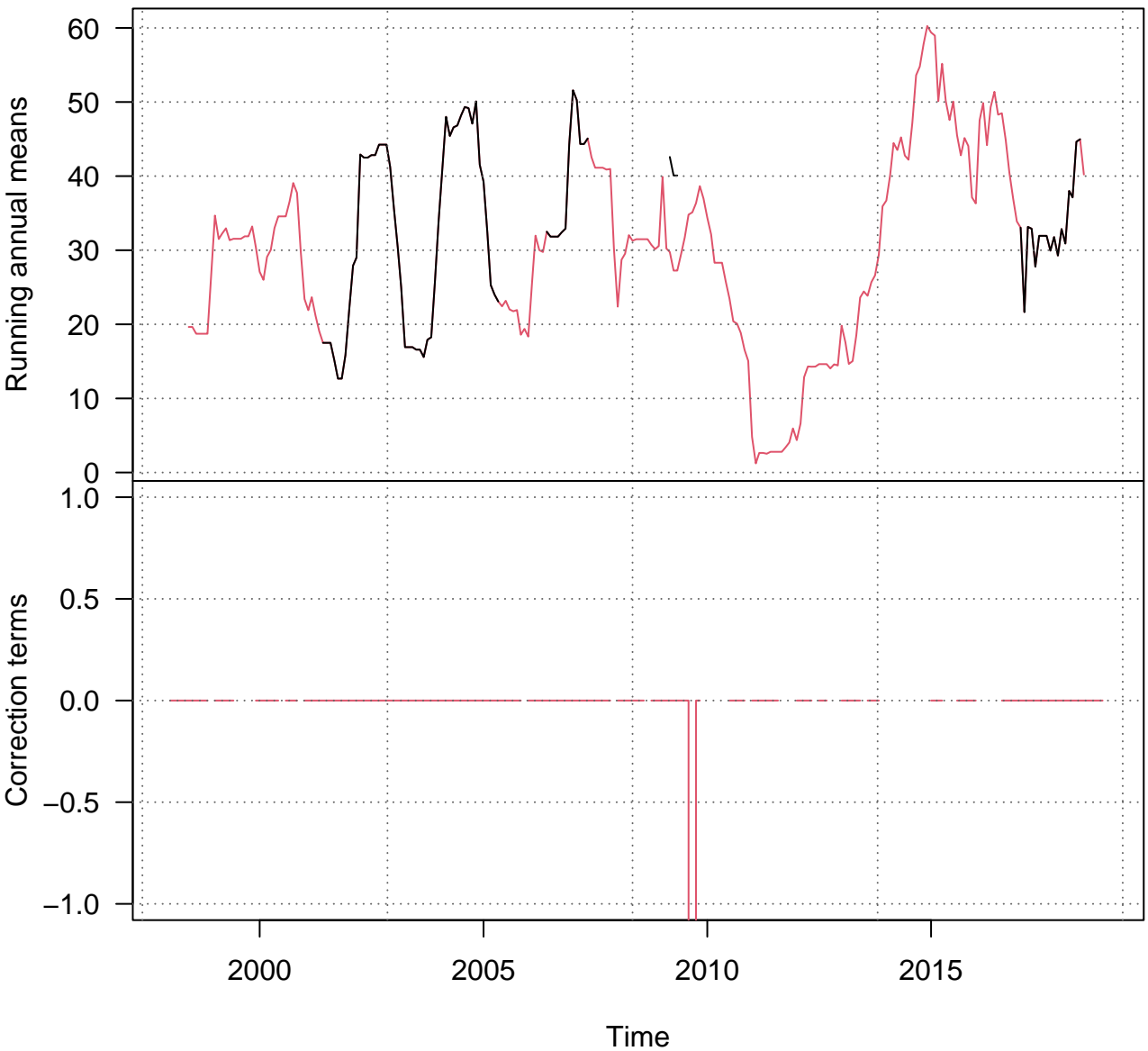
Rmon 14 (19144)
CIENEGUITAS Y CRUCITAS



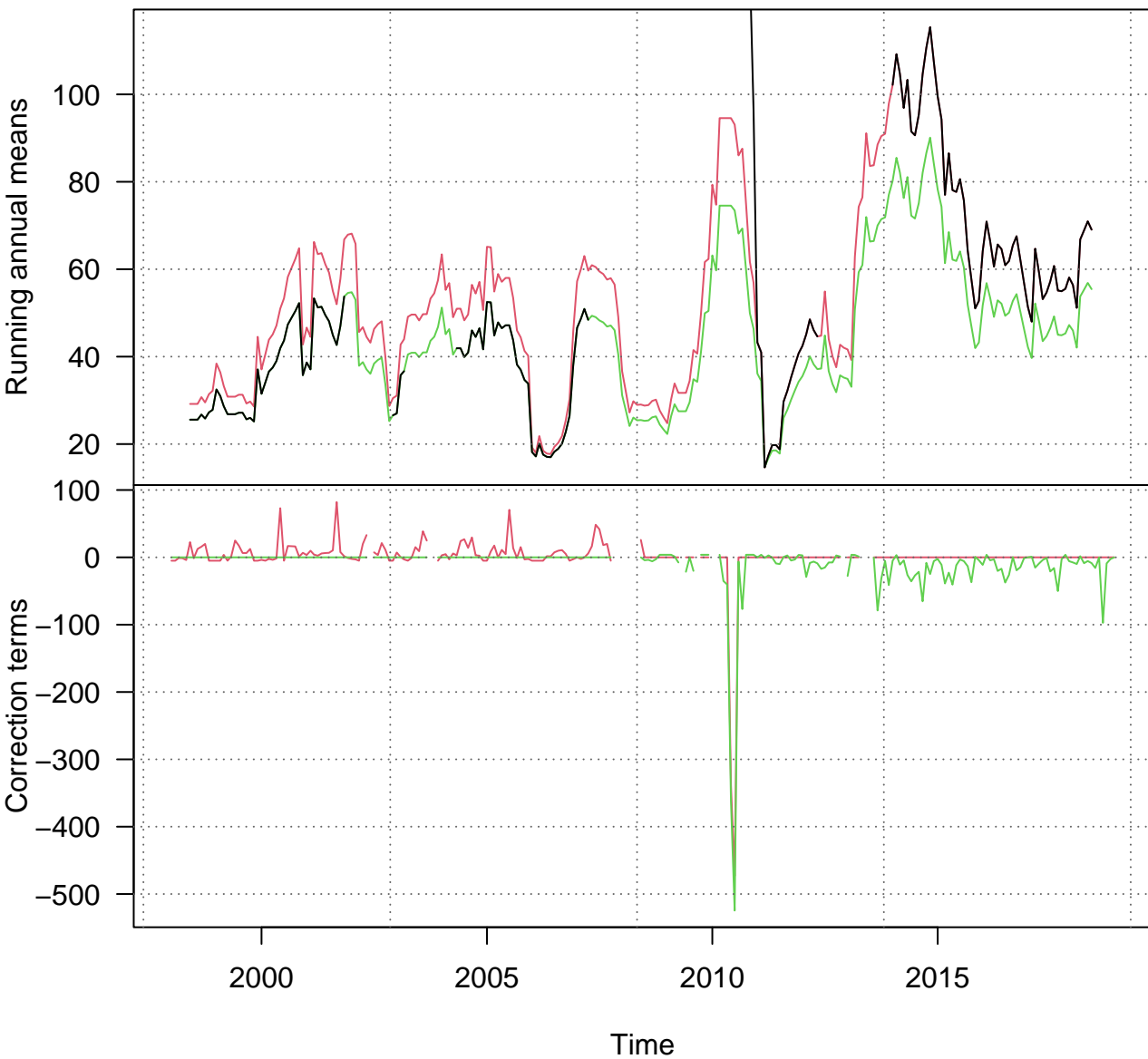
Rmon 15 (19105)
DOCTOR GONZALEZ



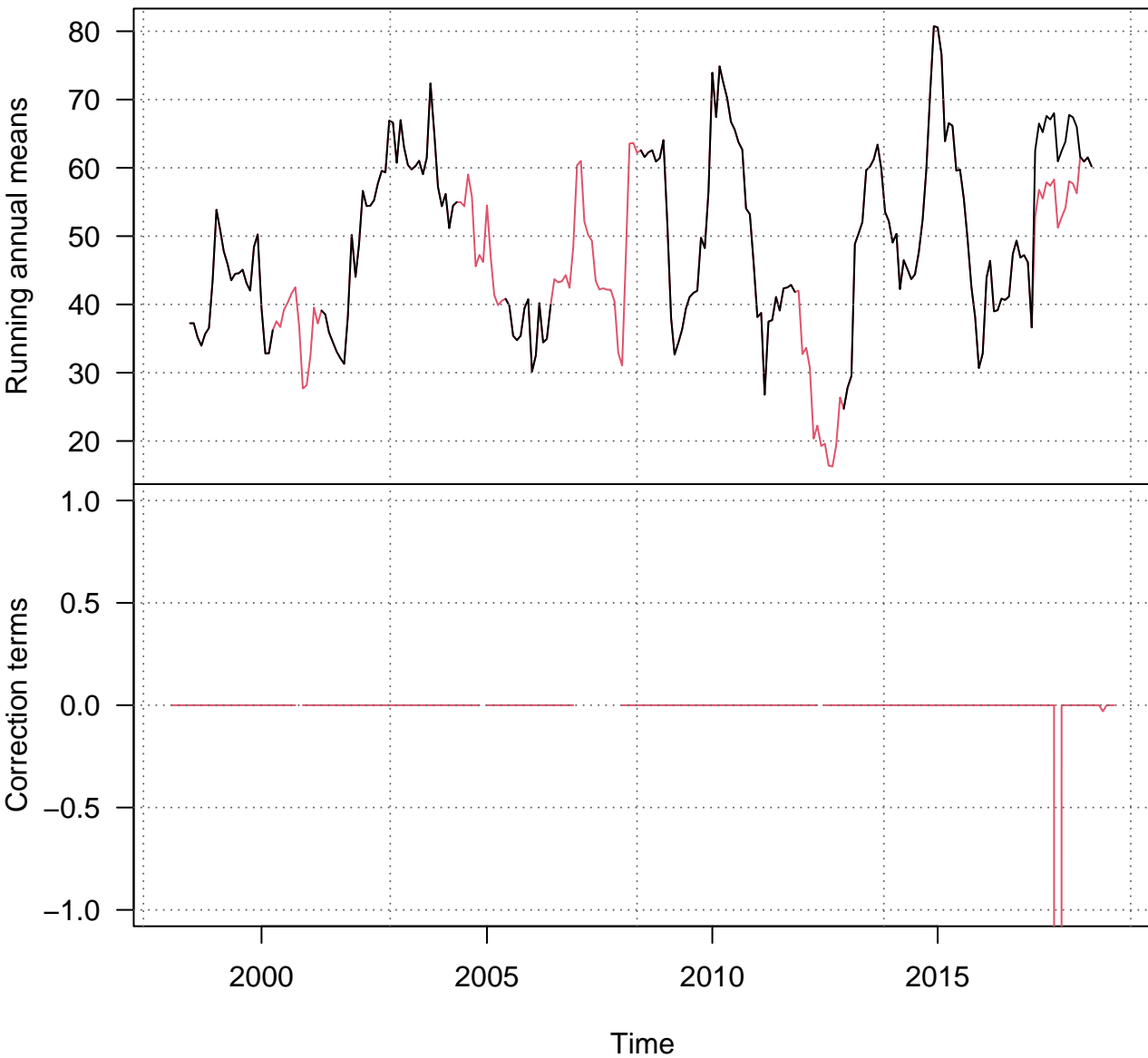
Rmon 16 (5162) DOS DE ABRIL



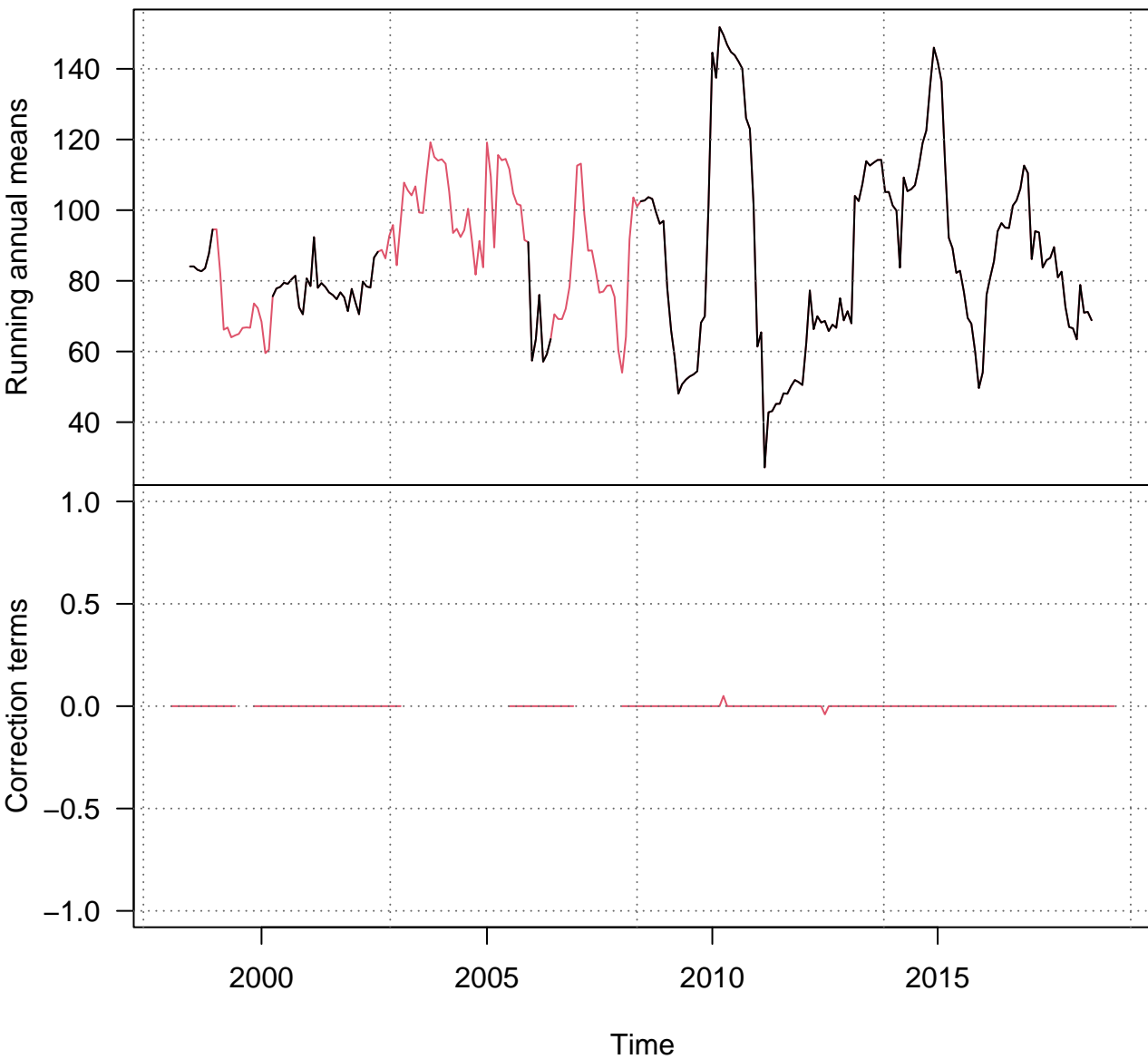
Rmon 17 (19148)
EJIDO DIECIOCHO DE MARZO



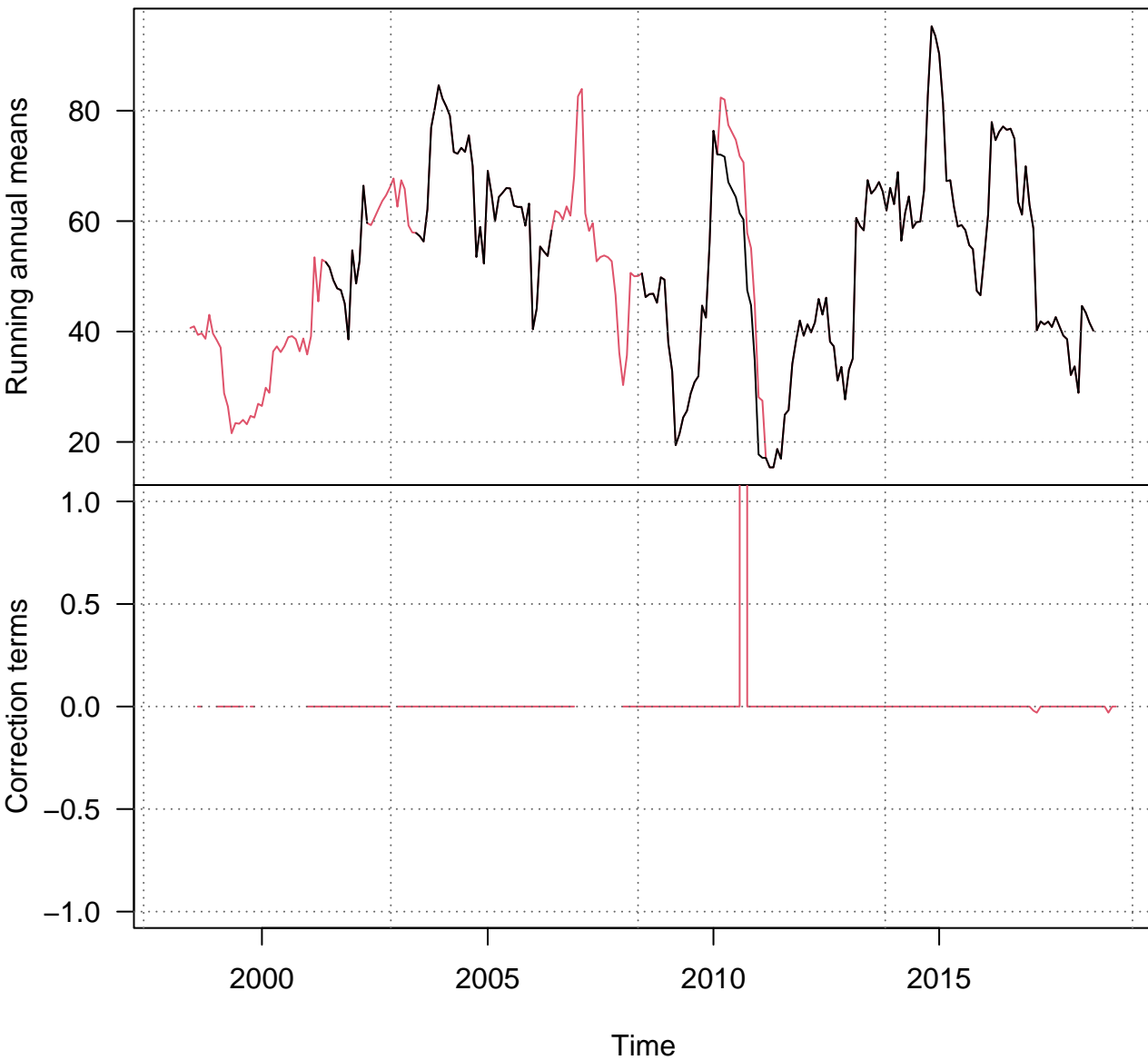
Rmon 18 (19117) EJIDO MARIN



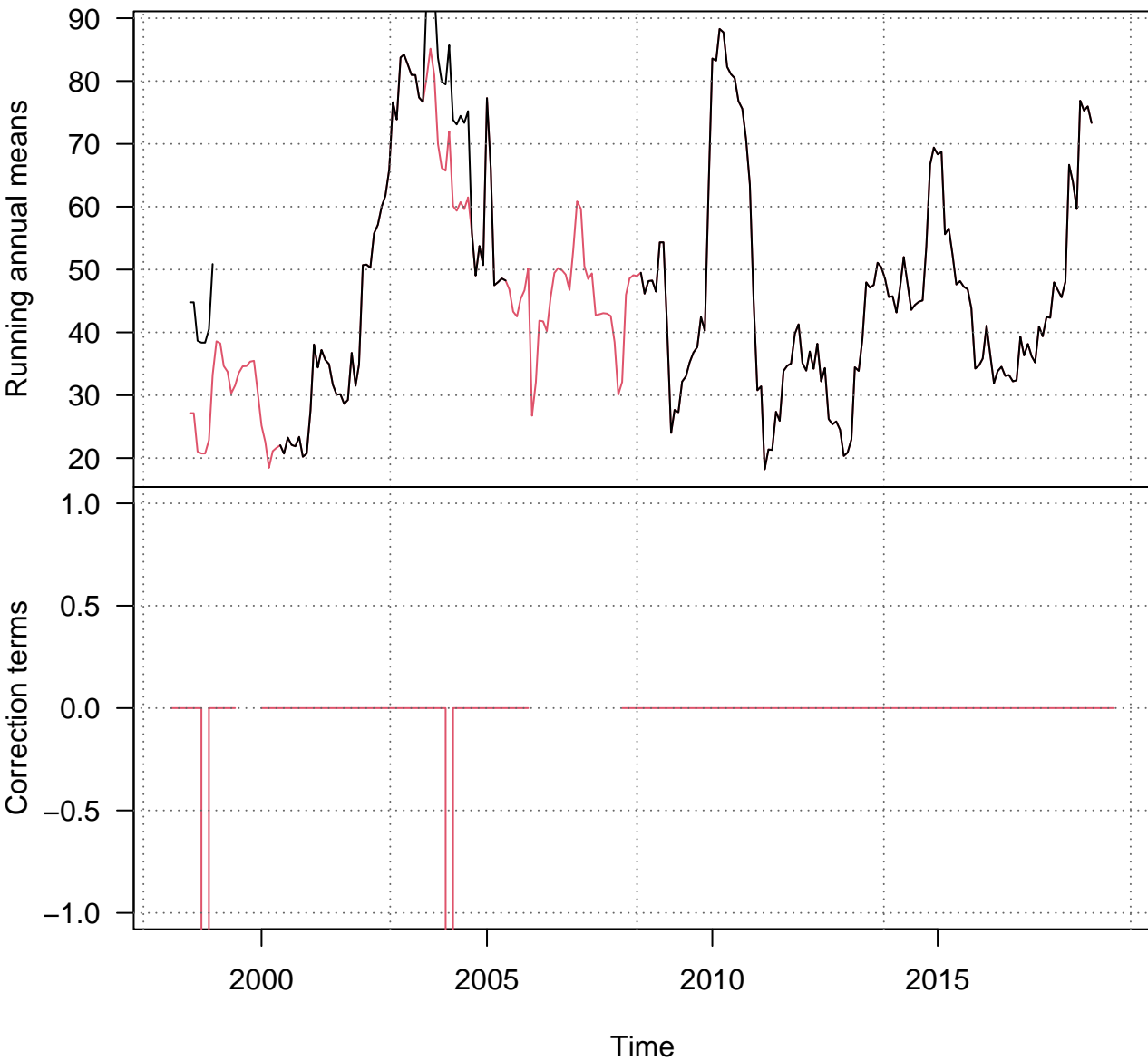
Rmon 19 (19015)
EL CERRITO



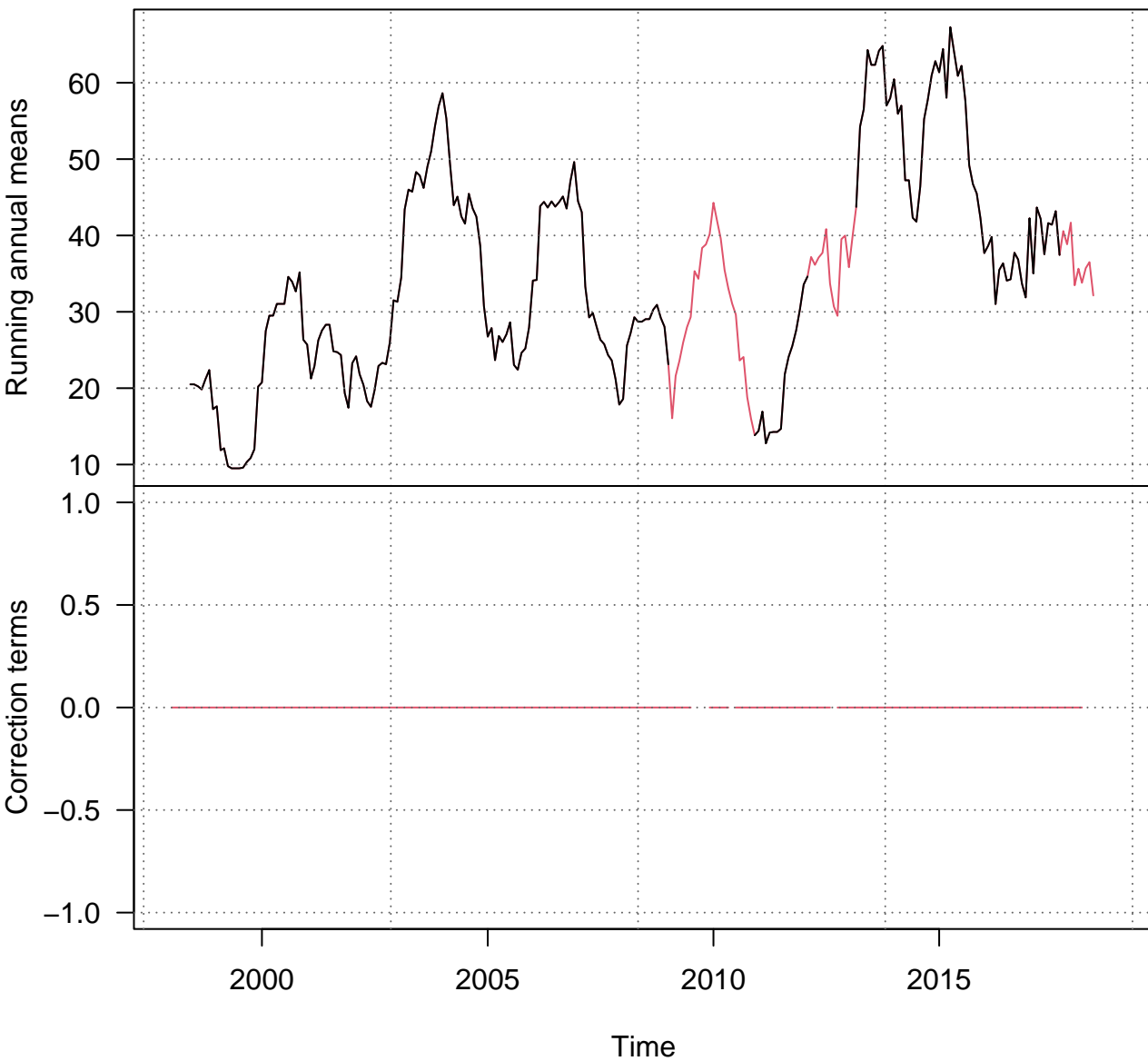
Rmon 20 (19016)
EL CUCHILLO



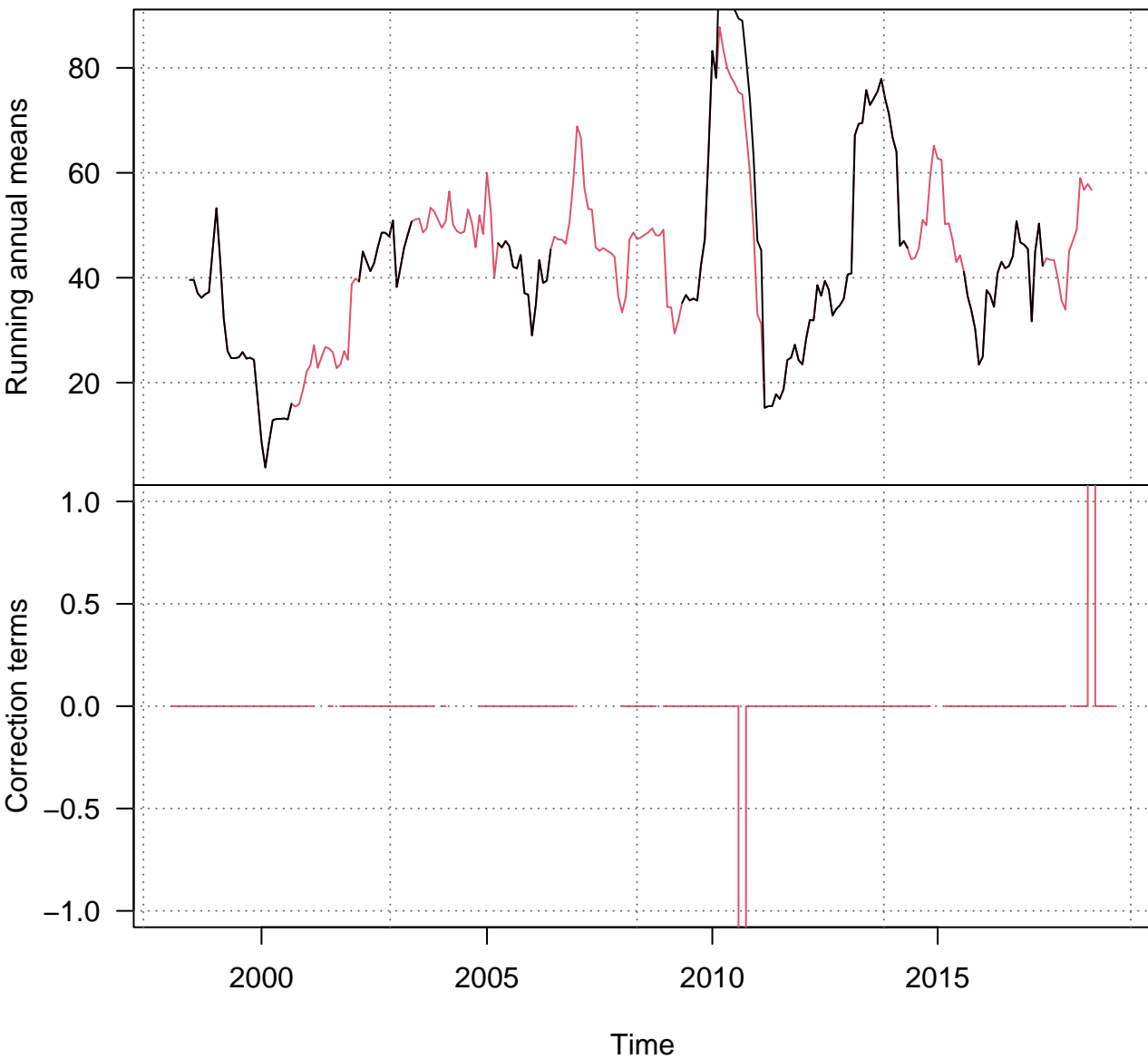
Rmon 21 (19114)
EL CUERVITO



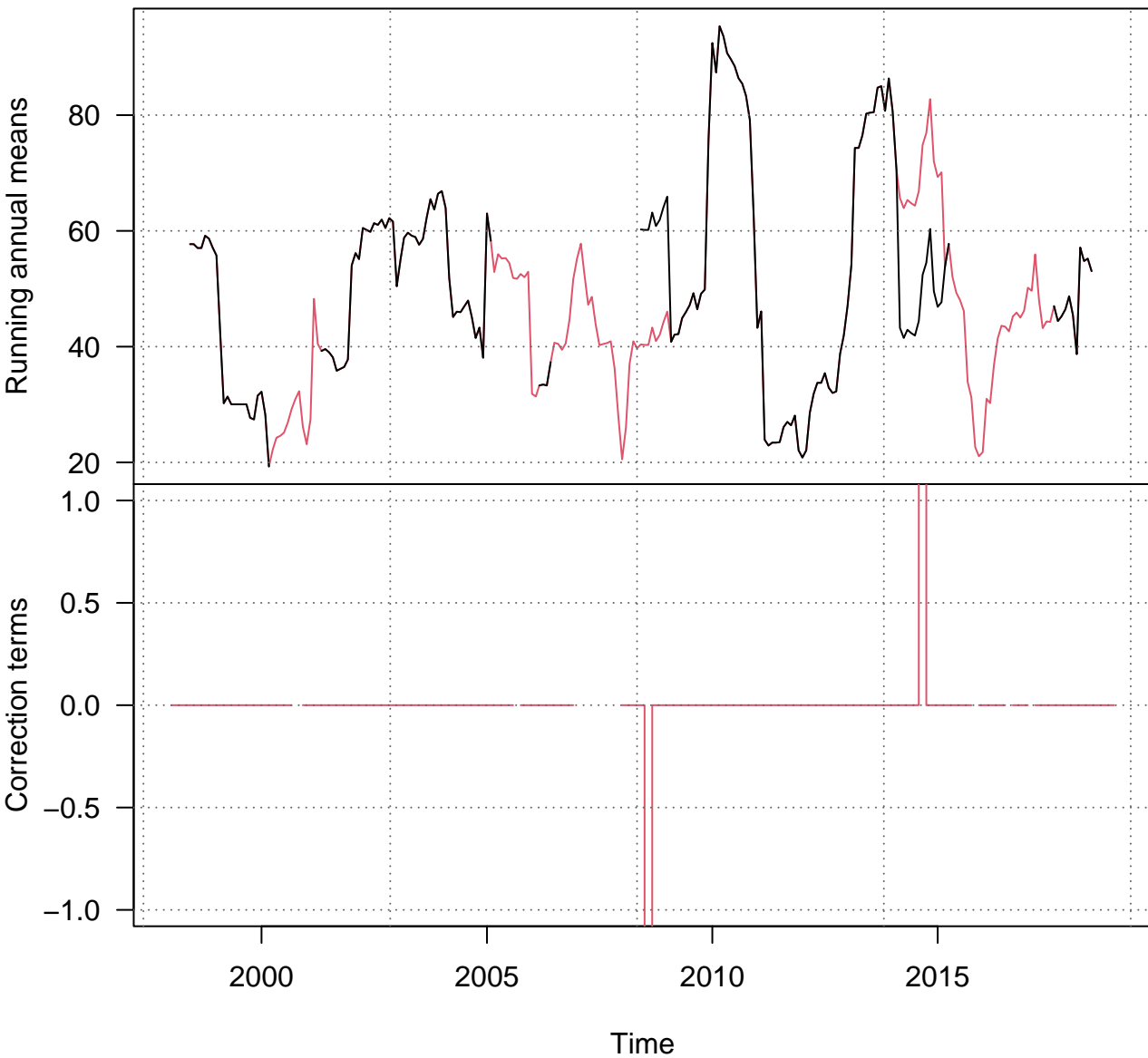
Rmon 22 (19115)
EL CUIJE



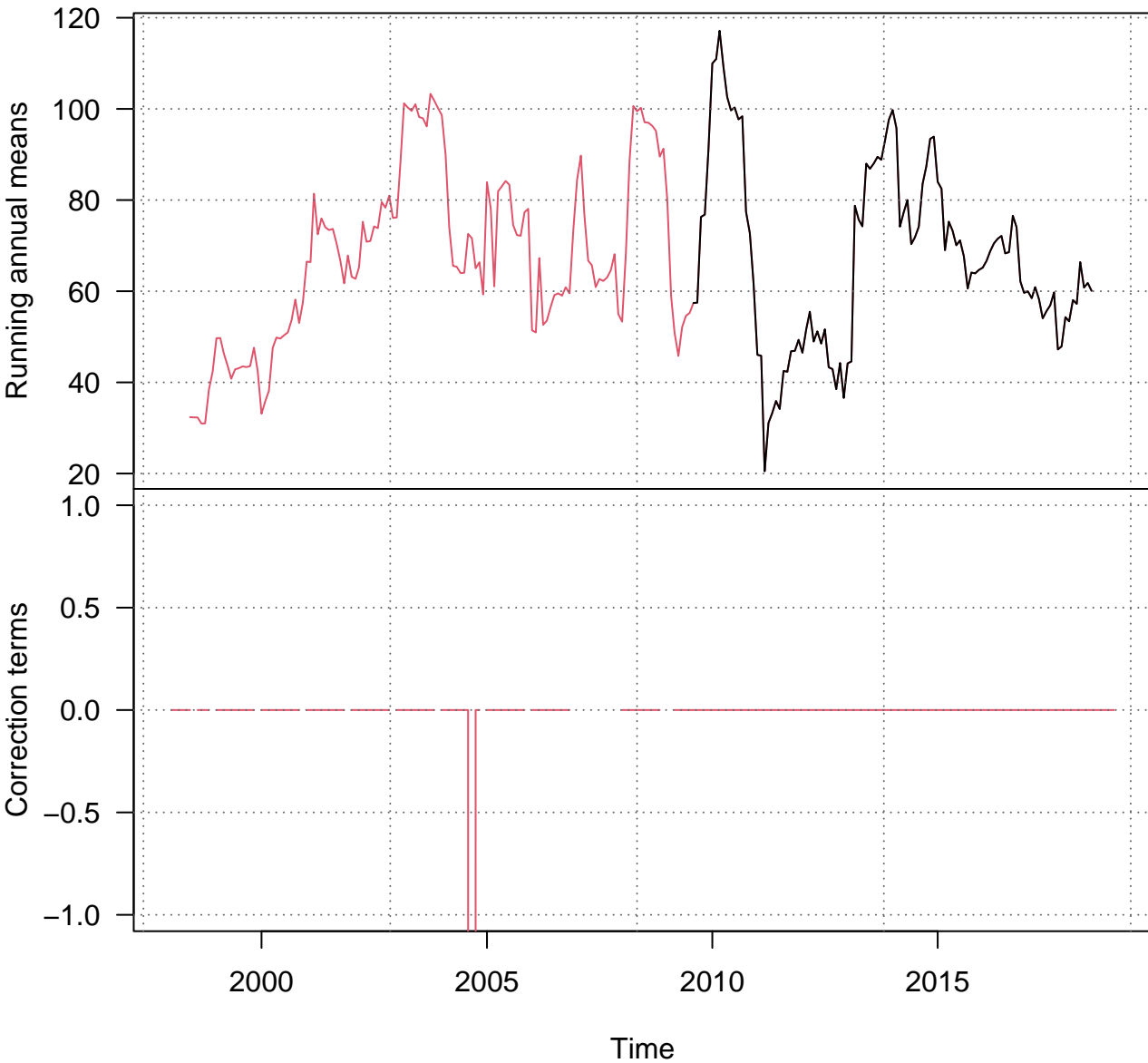
Rmon 23 (19170)
EL HOJASE



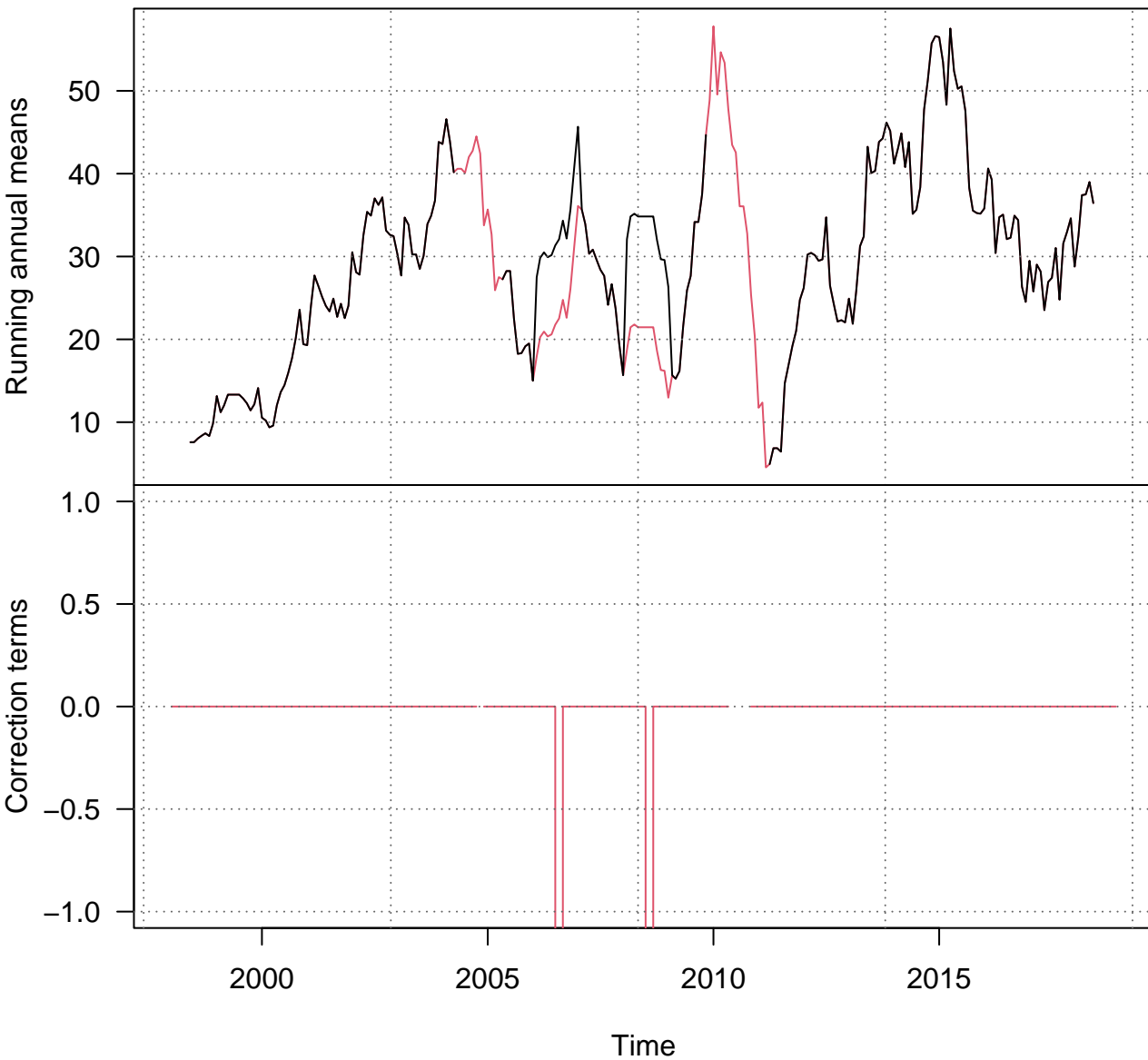
Rmon 24 (19018)
EL PAJONAL



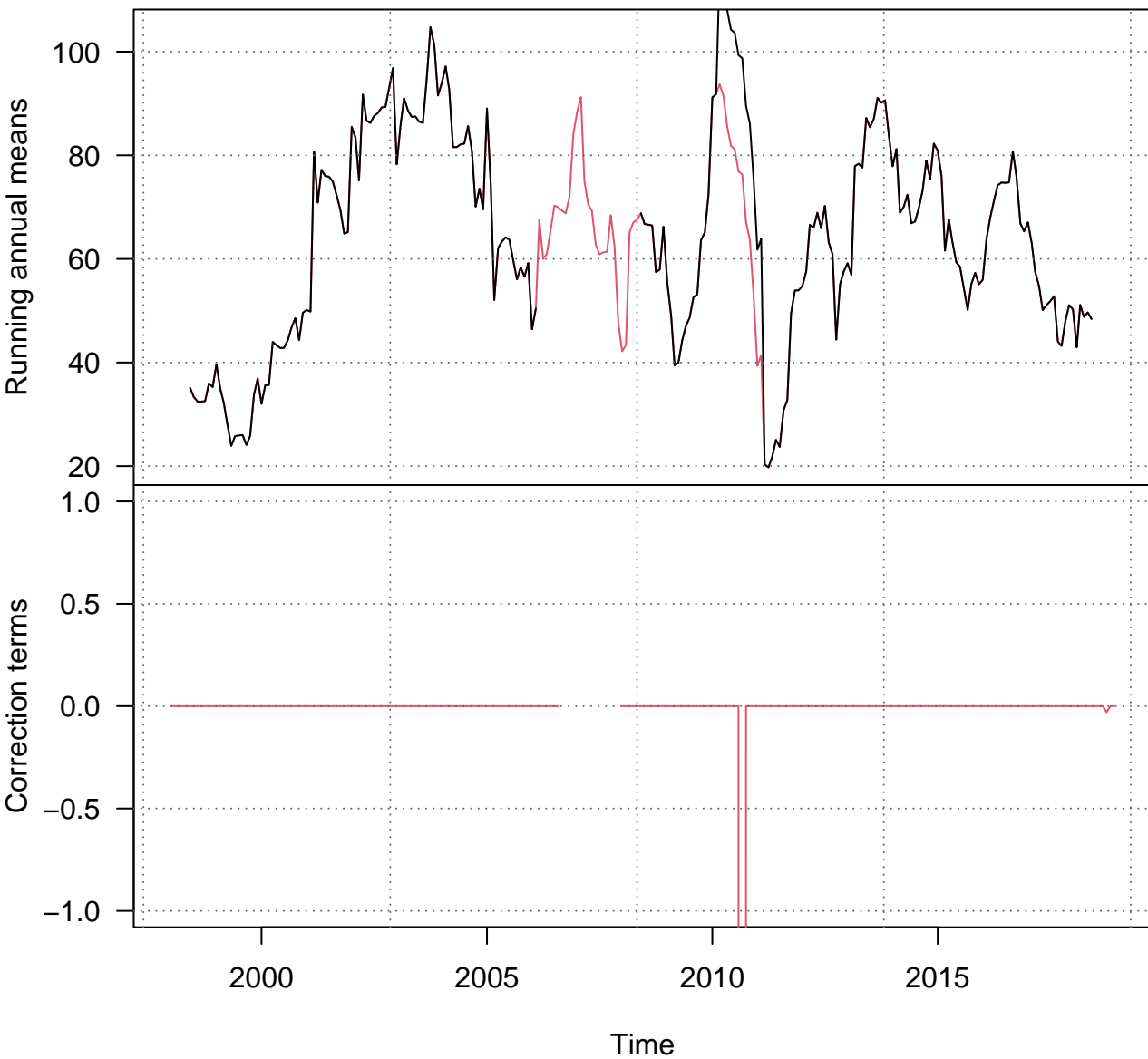
Rmon 25 (19154)
EL POPOTE



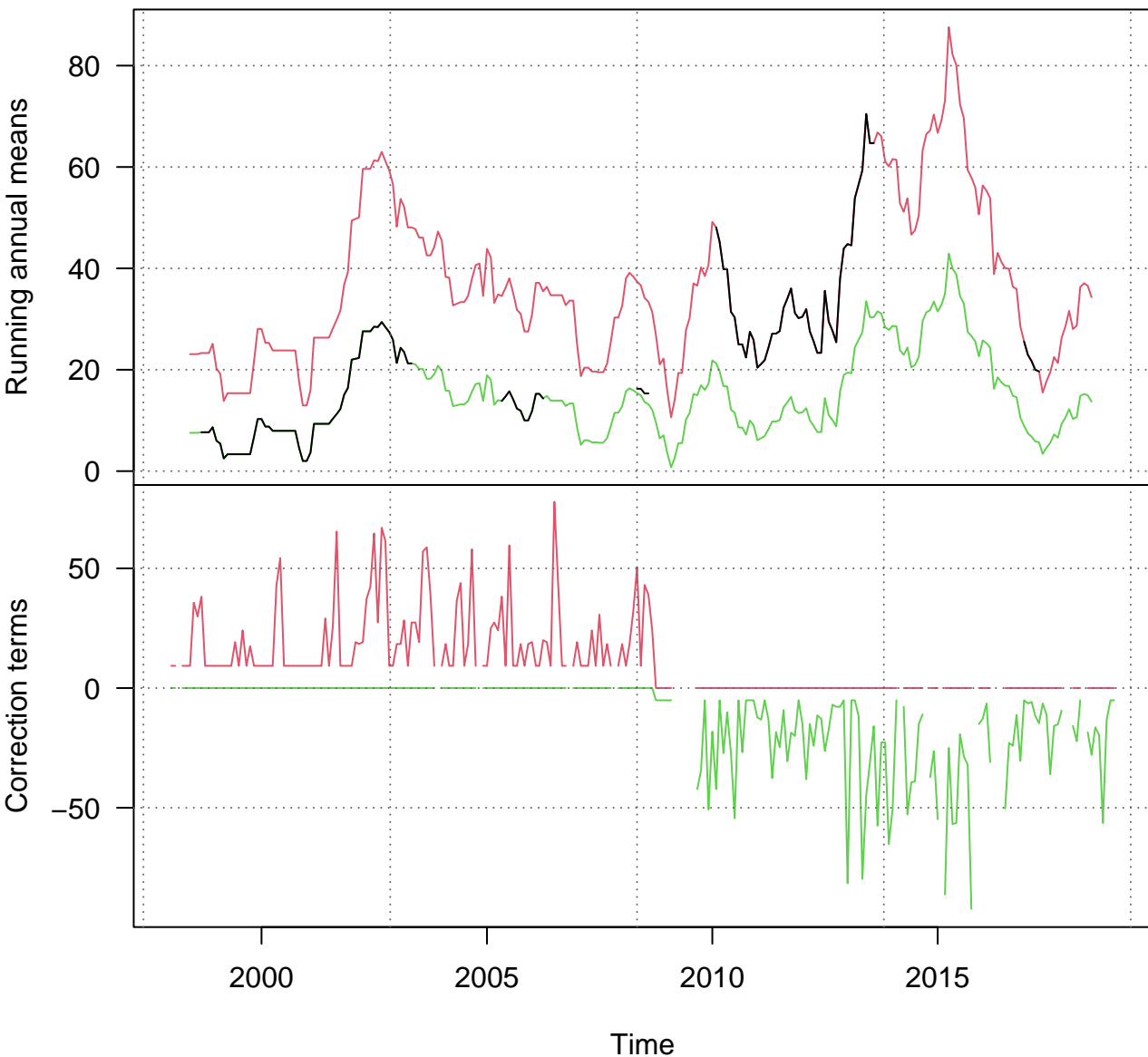
Rmon 26 (19020)
EL POTOSI



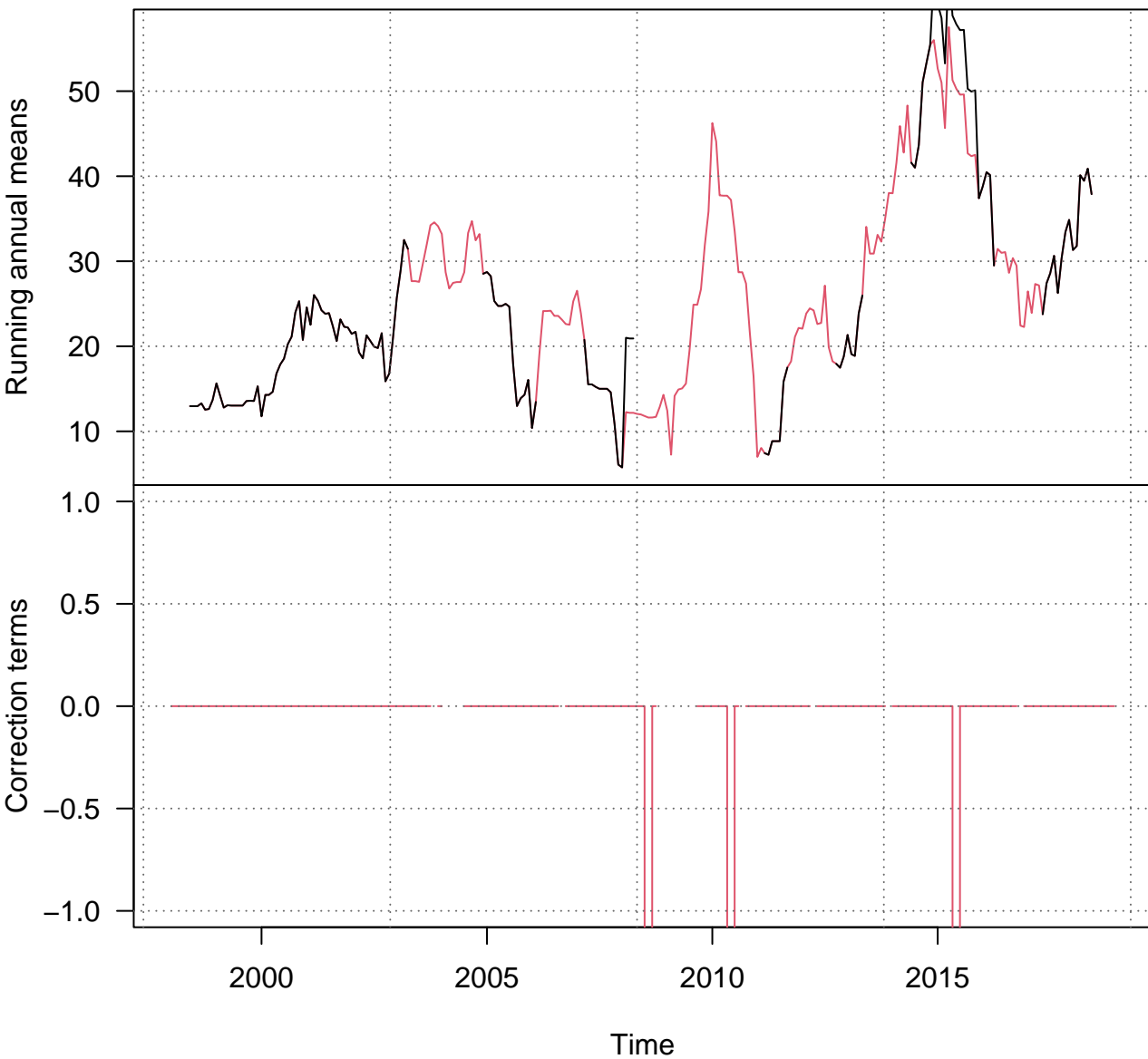
Rmon 27 (19074)
EL REALITO



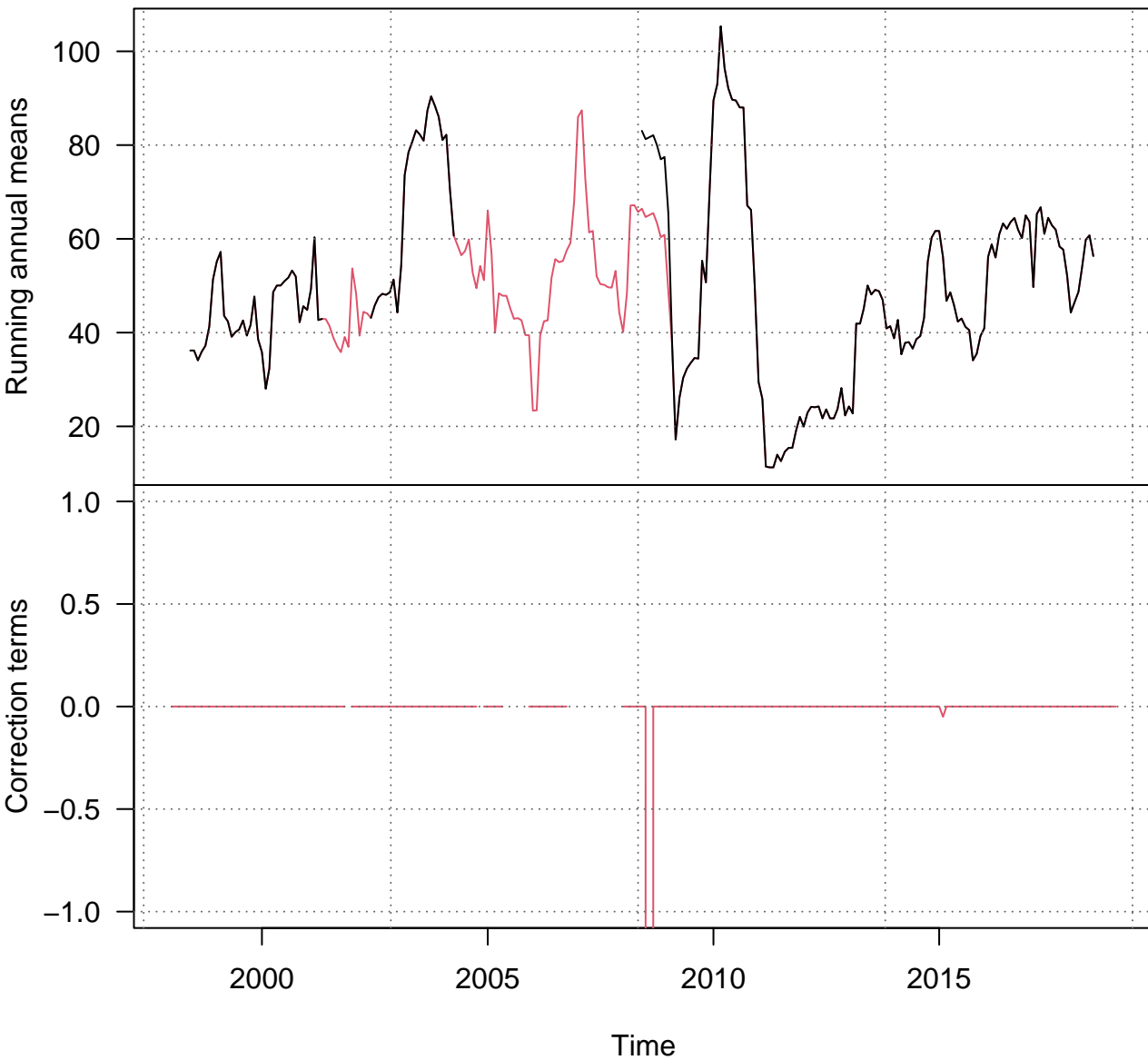
Rmon 28 (19079)
EL REFUGIO DE LOS IBARRA



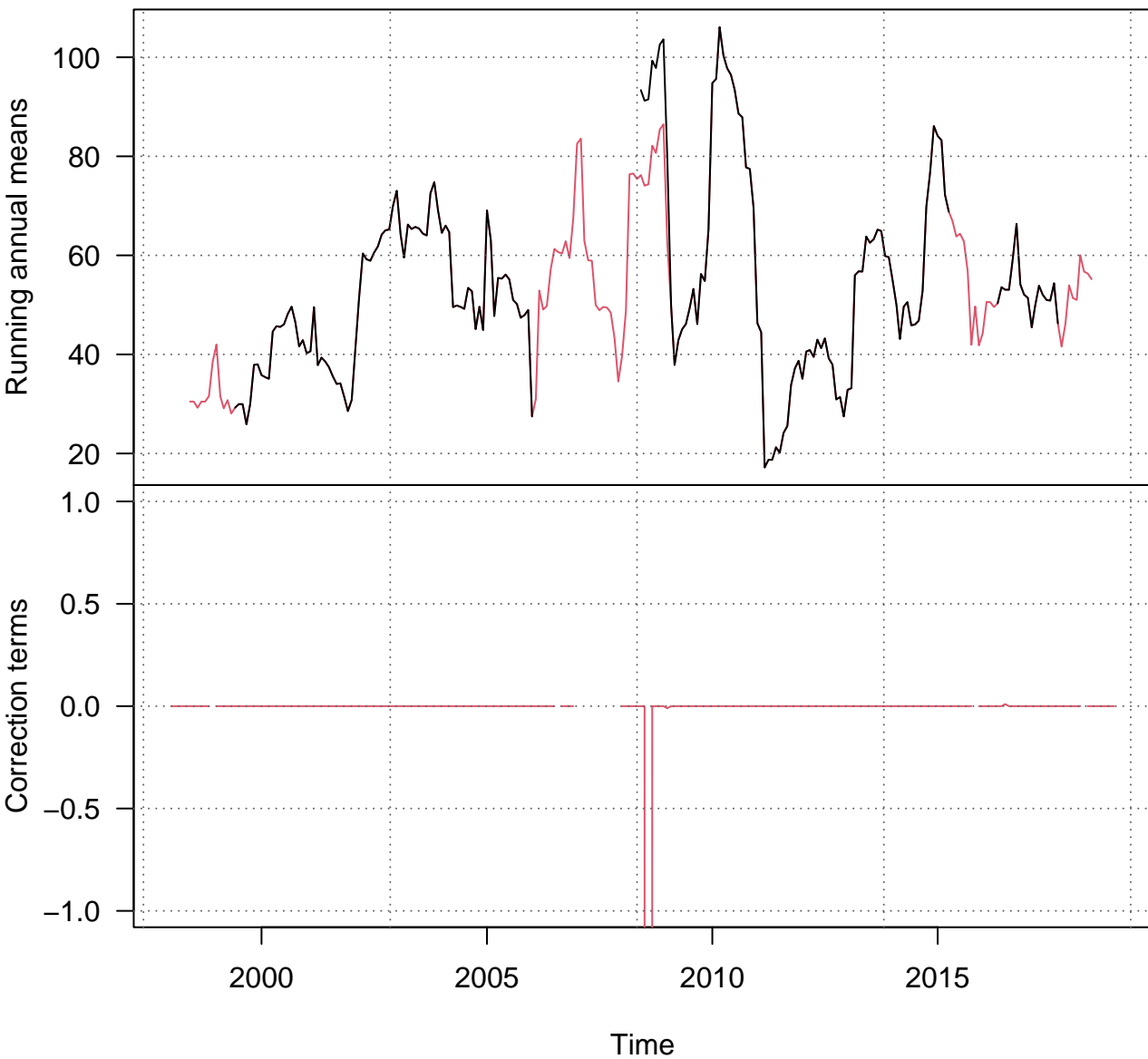
Rmon 29 (19067)
EL RUCIO



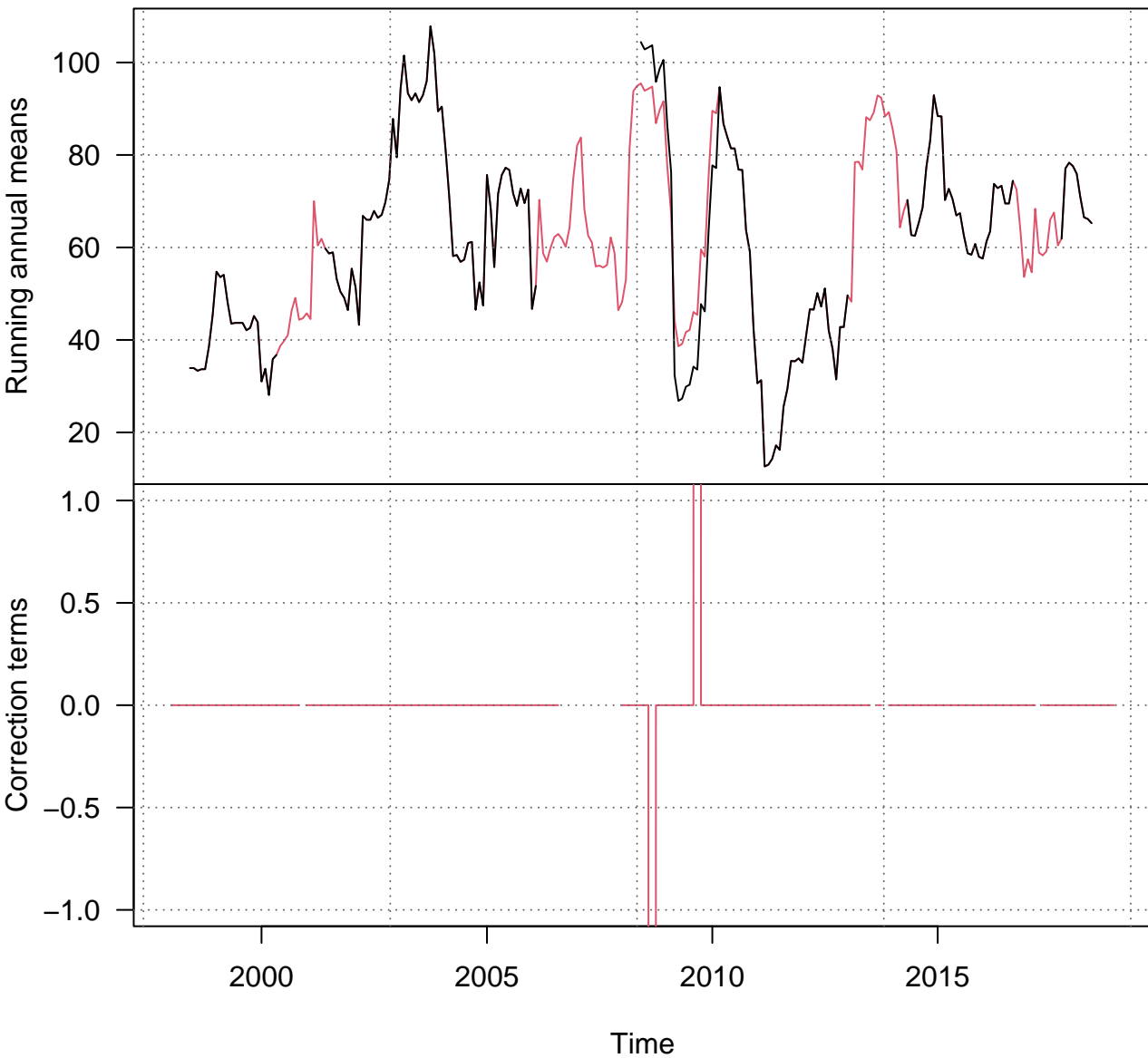
Rmon 30 (19021)
GARZA AYALA



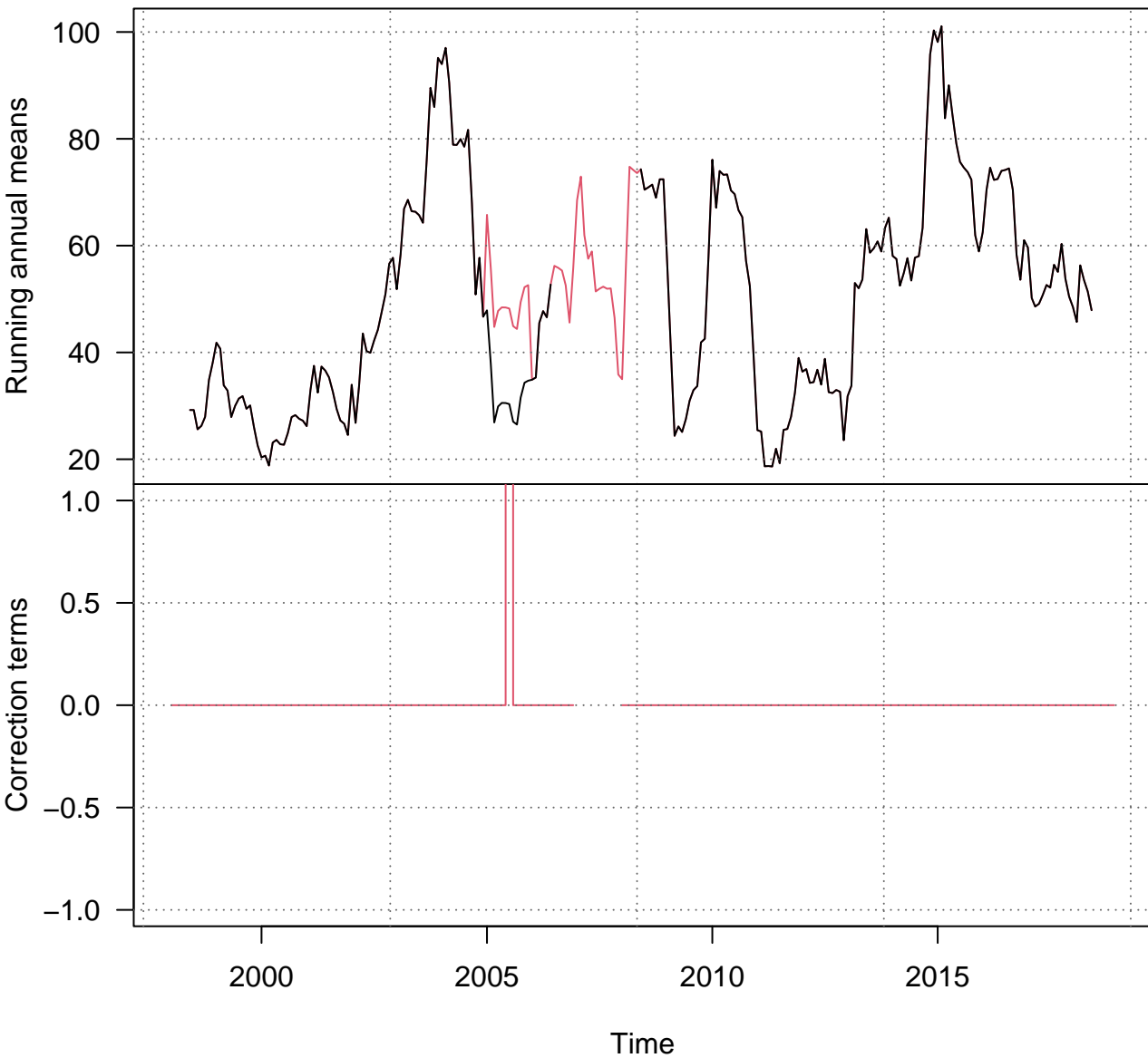
Rmon 31 (19169)
GARZA GONZALEZ



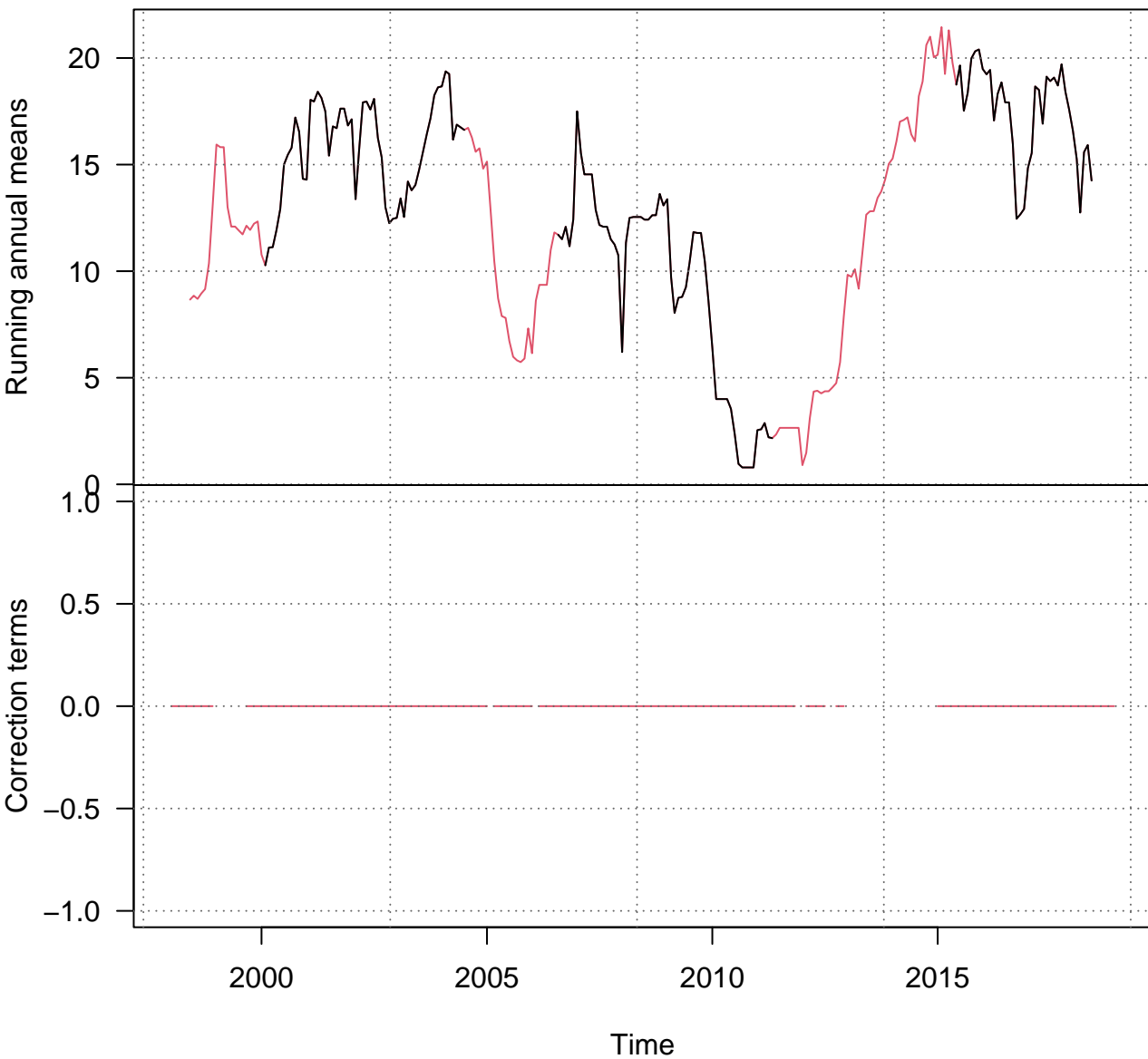
Rmon 32 (19121)
GATOS GNEROS



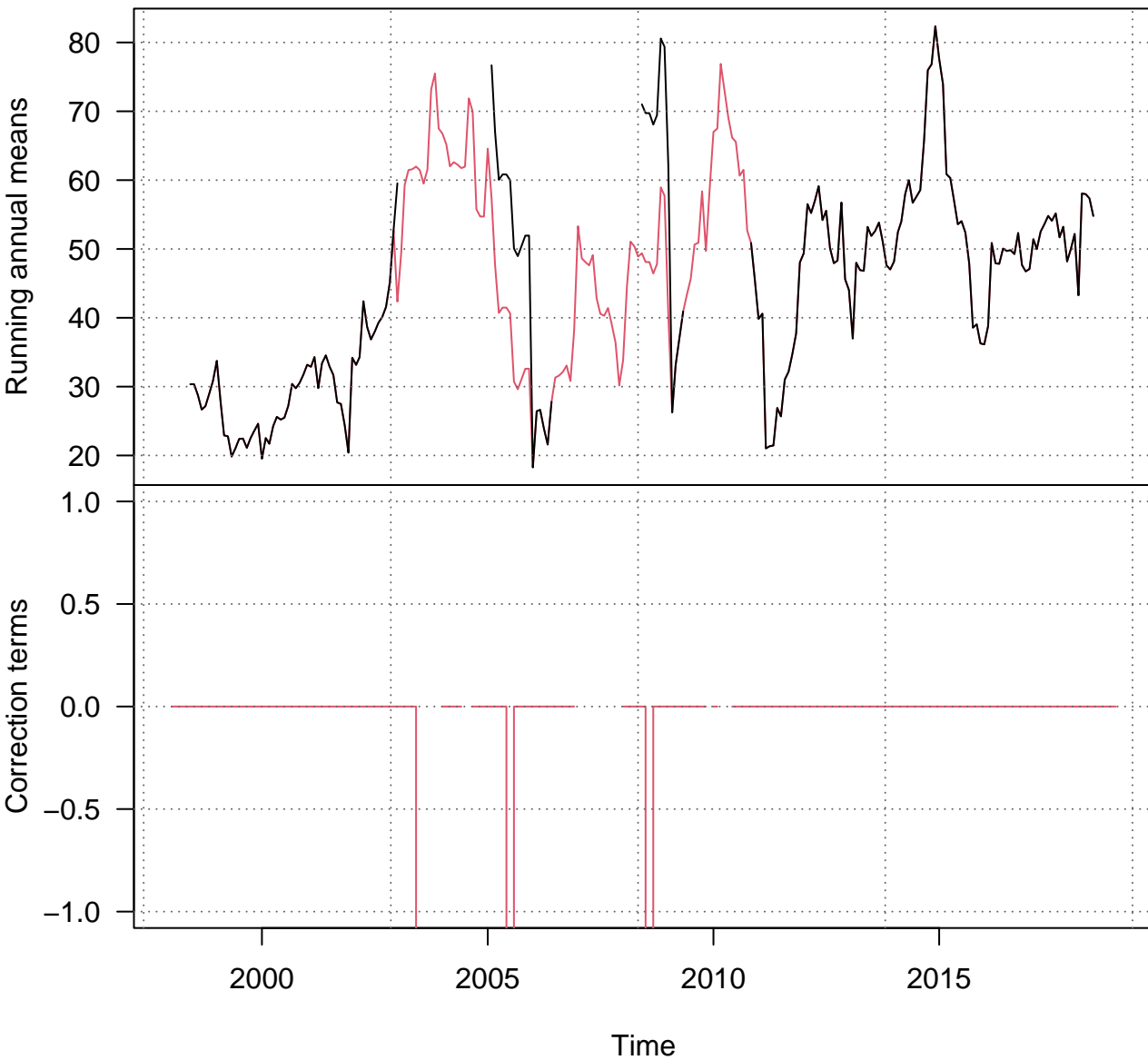
Rmon 33 (19022)
GENERAL BRAVO (DGE)



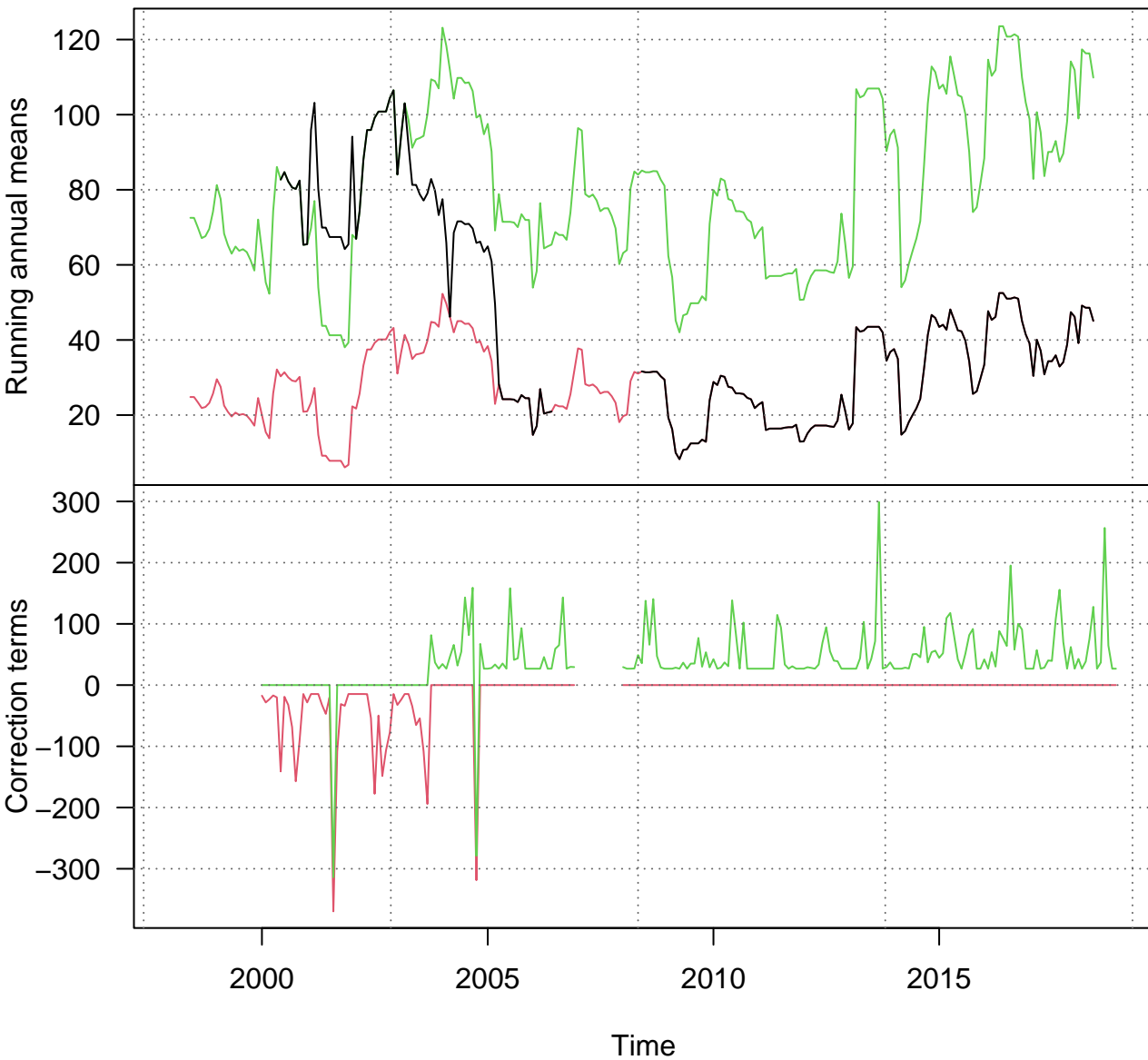
Rmon 34 (5016) GENERAL CEPEDA



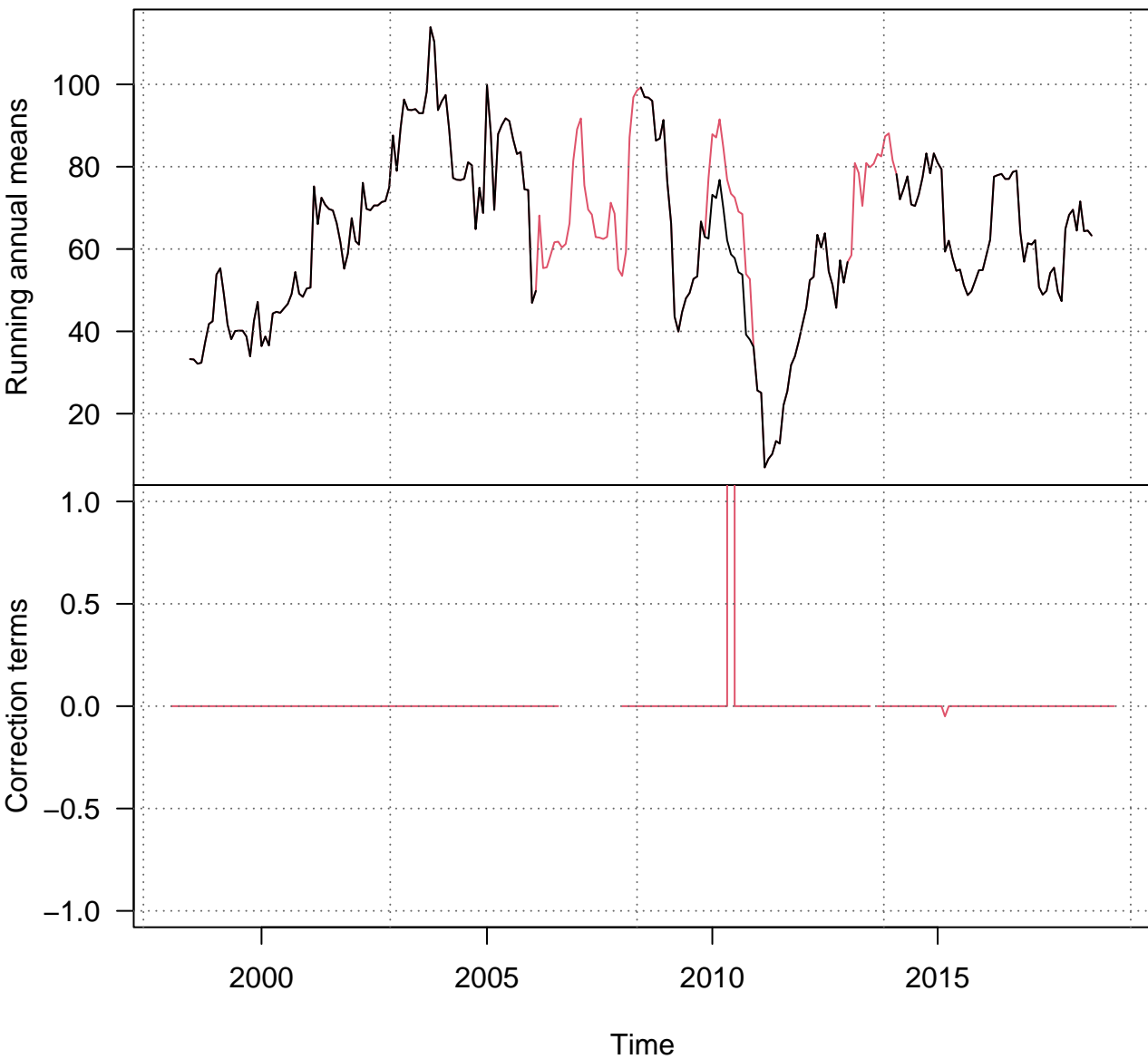
Rmon 35 (19098)
GENERAL TREVINO



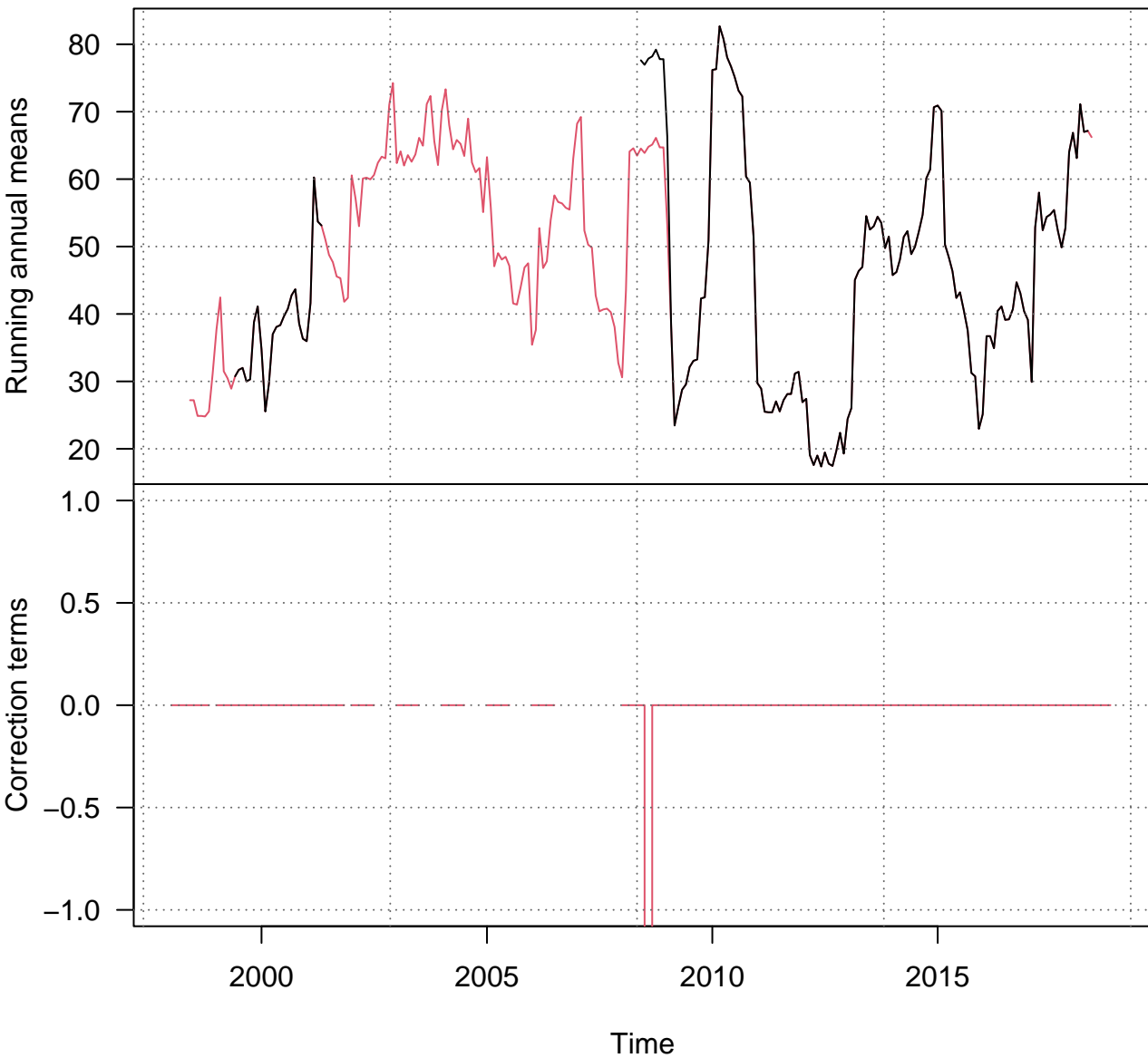
Rmon 36 (19123)
GRUTAS DE GARCIA



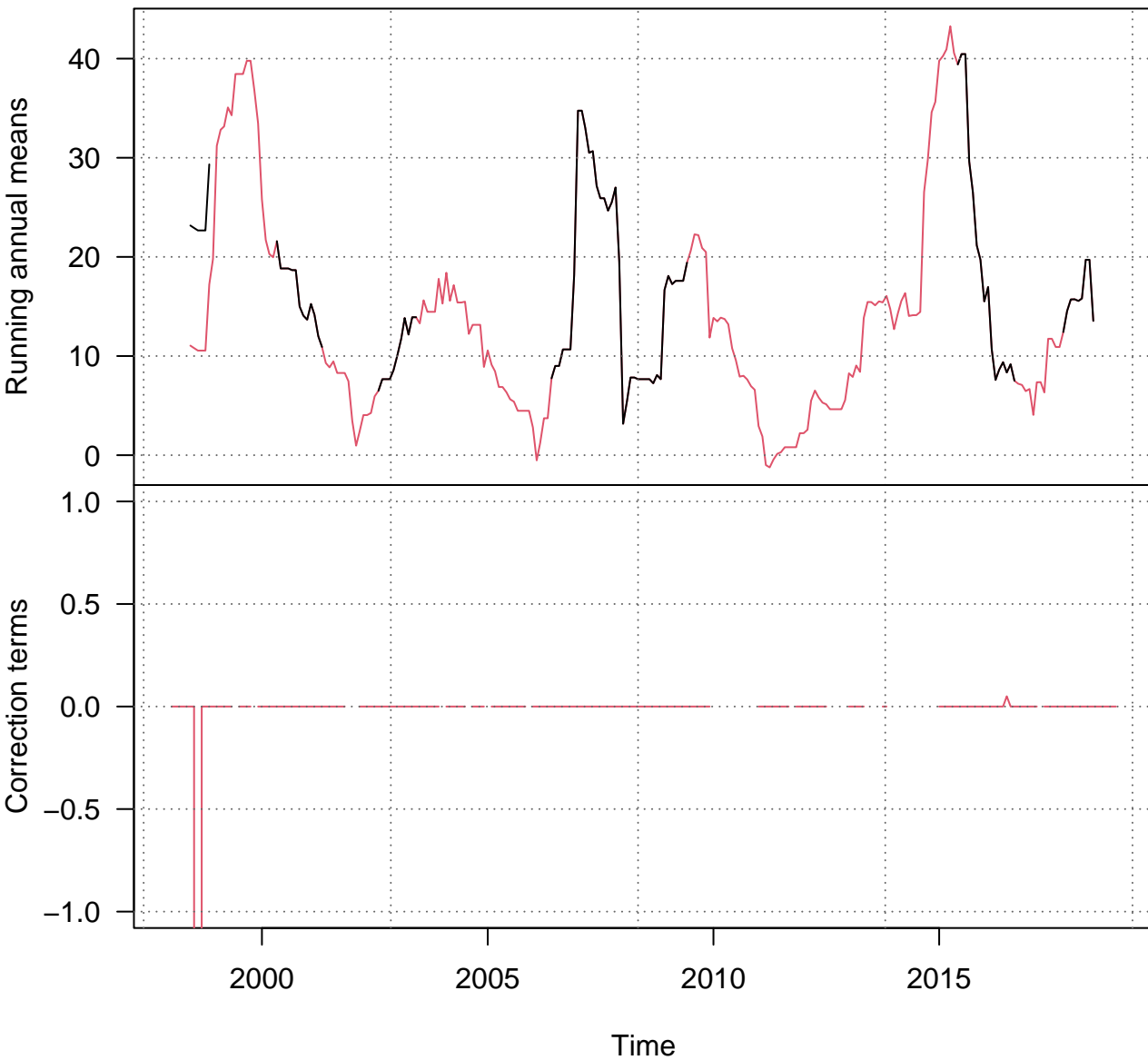
Rmon 37 (19190)
GUADALUPE LA JOYA



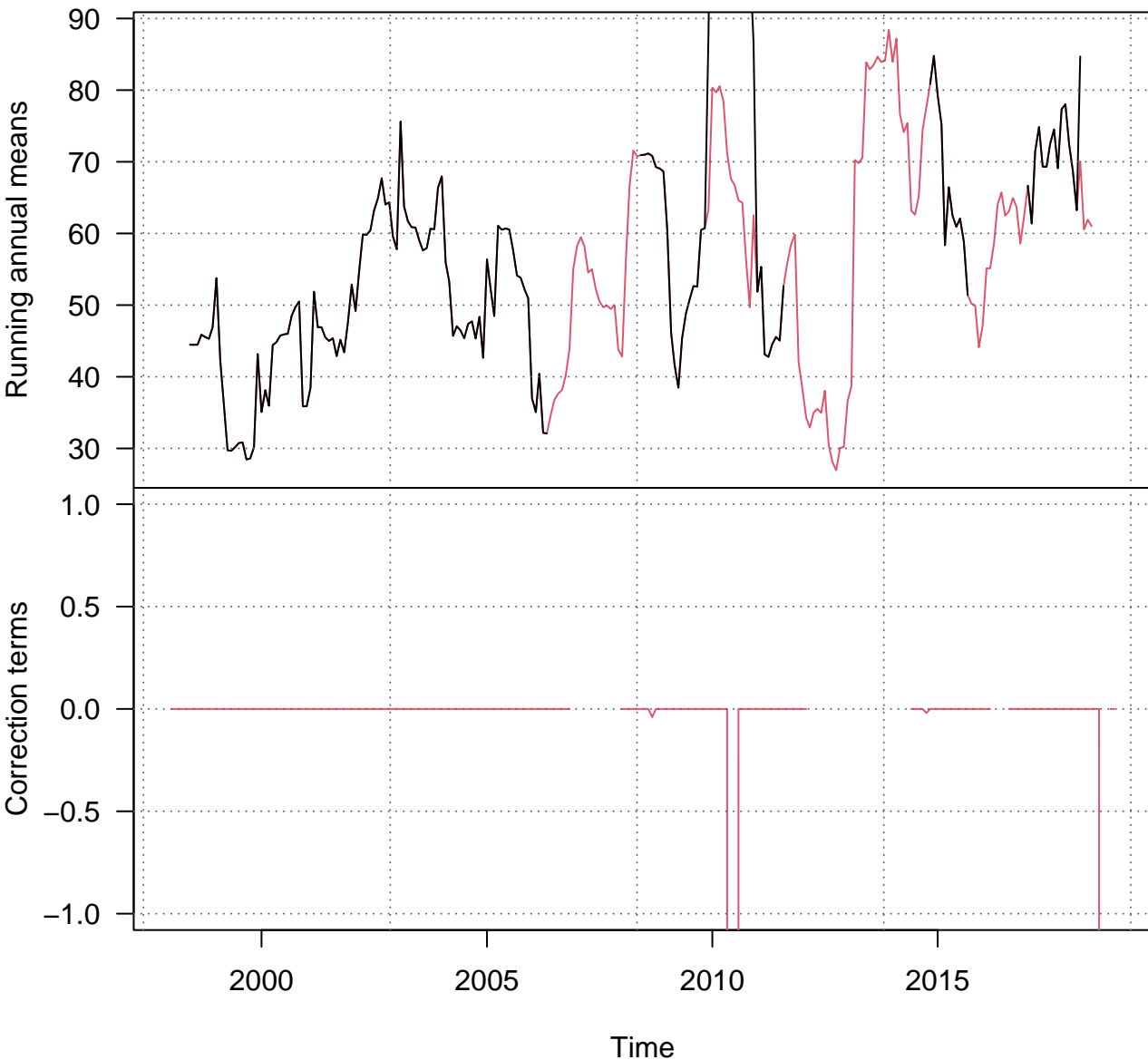
Rmon 38 (19124)
HIGUERAS (DGE)



Rmon 39 (5142) HIPOLITO



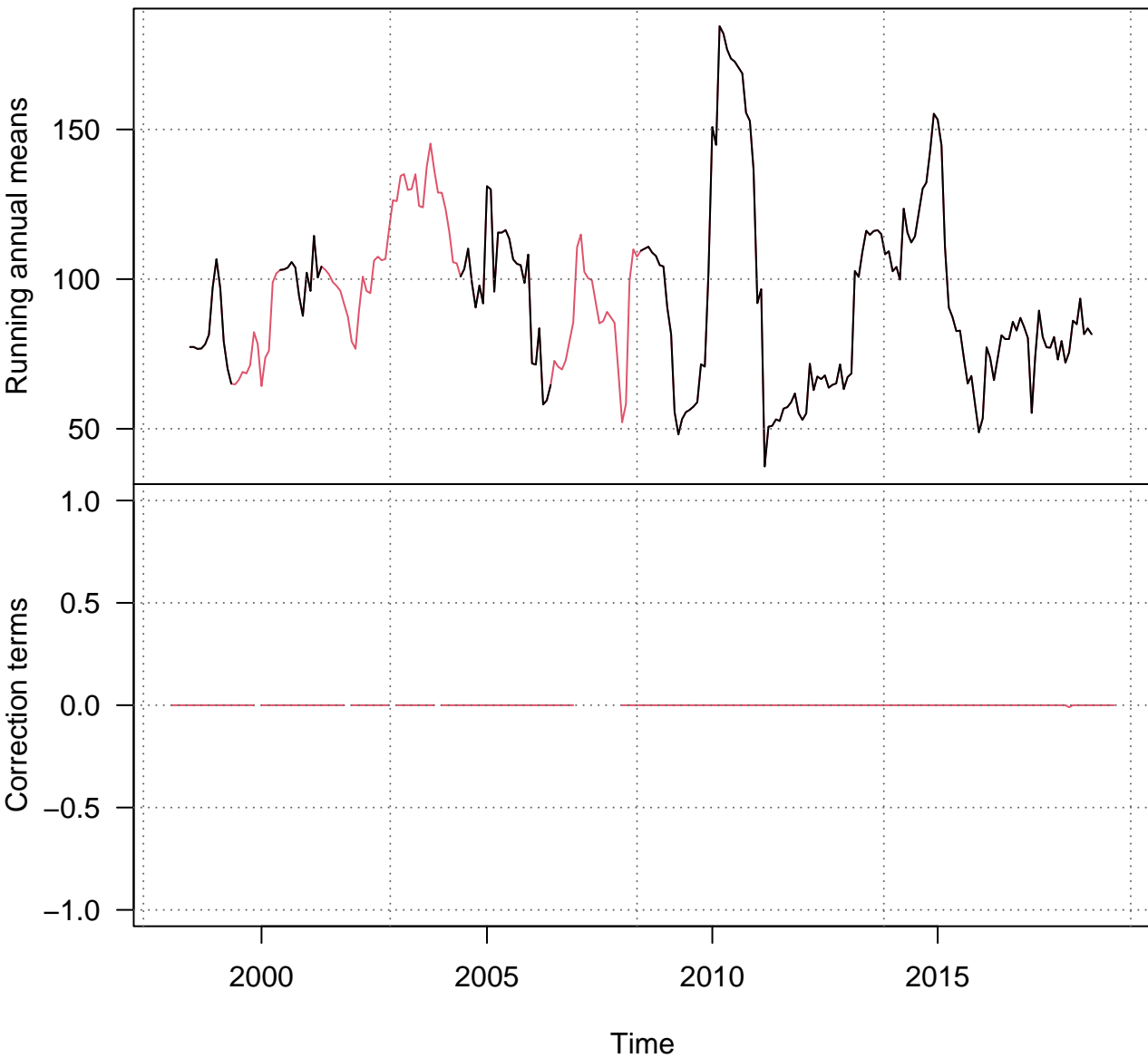
Rmon 40 (19027) ITURBIDE



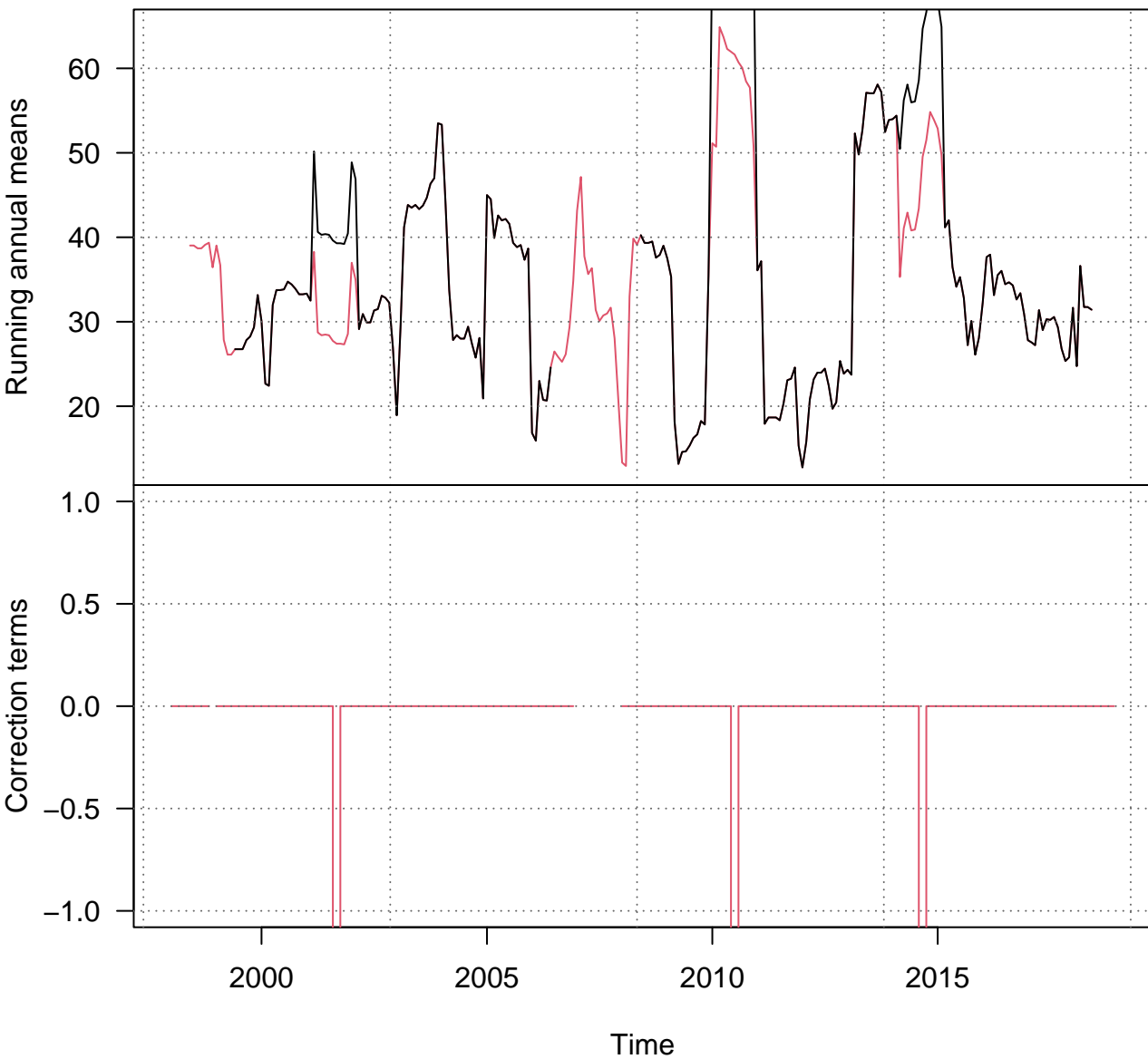
Rmon 41 (19111) LA ASCENCION



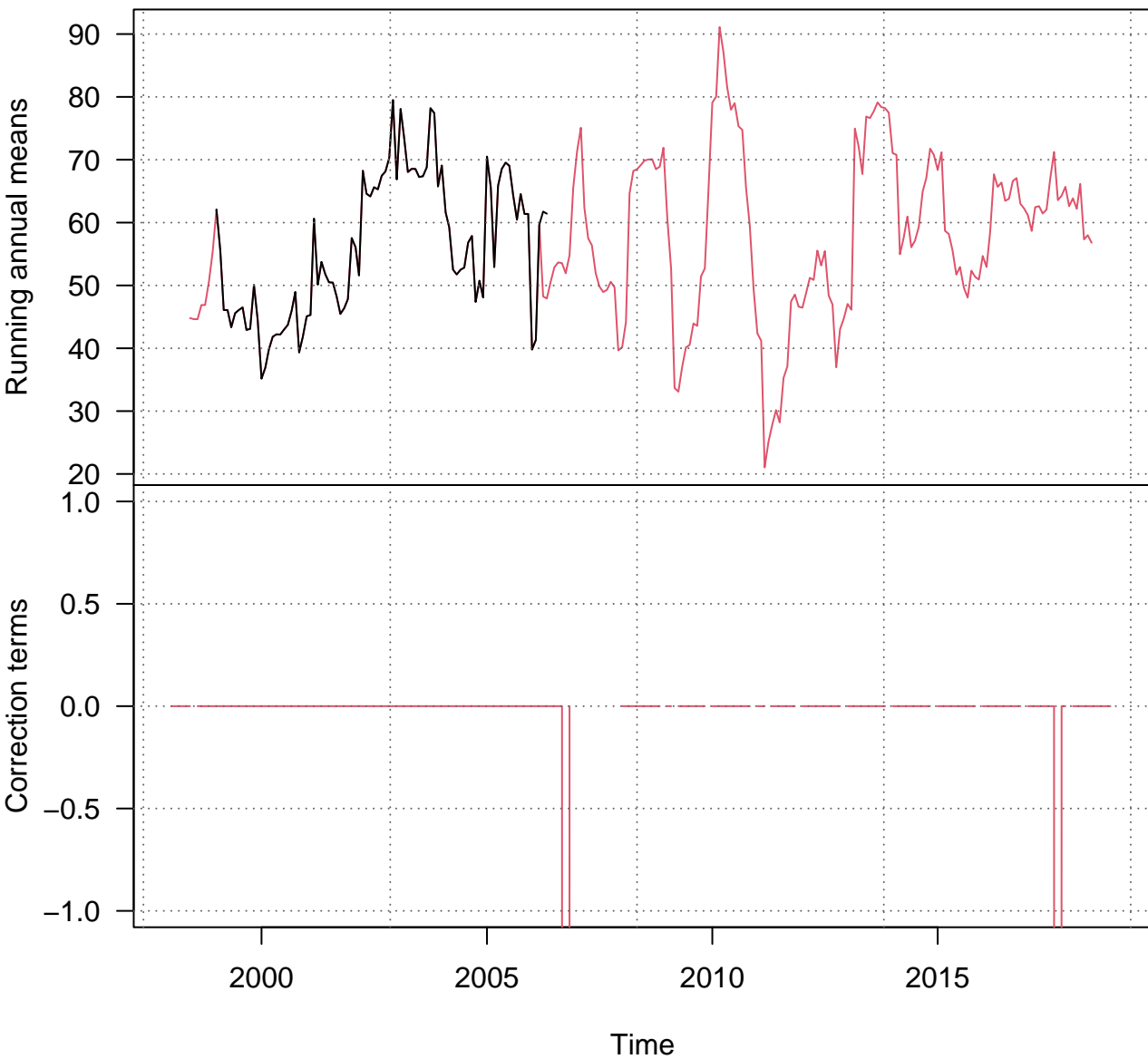
Rmon 42 (19069)
LA BOCA



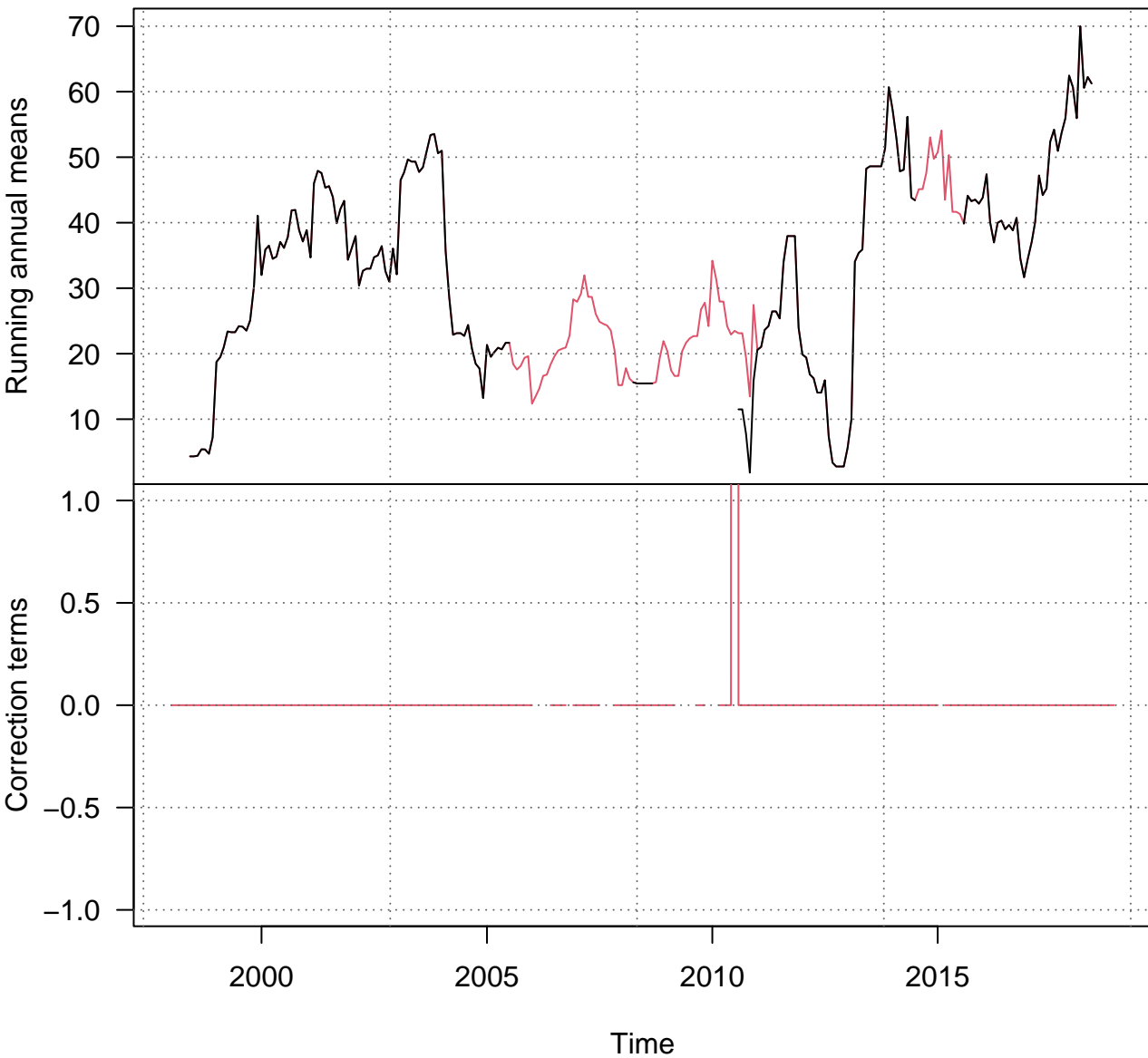
Rmon 43 (19096)
LA HUASTEQUITA



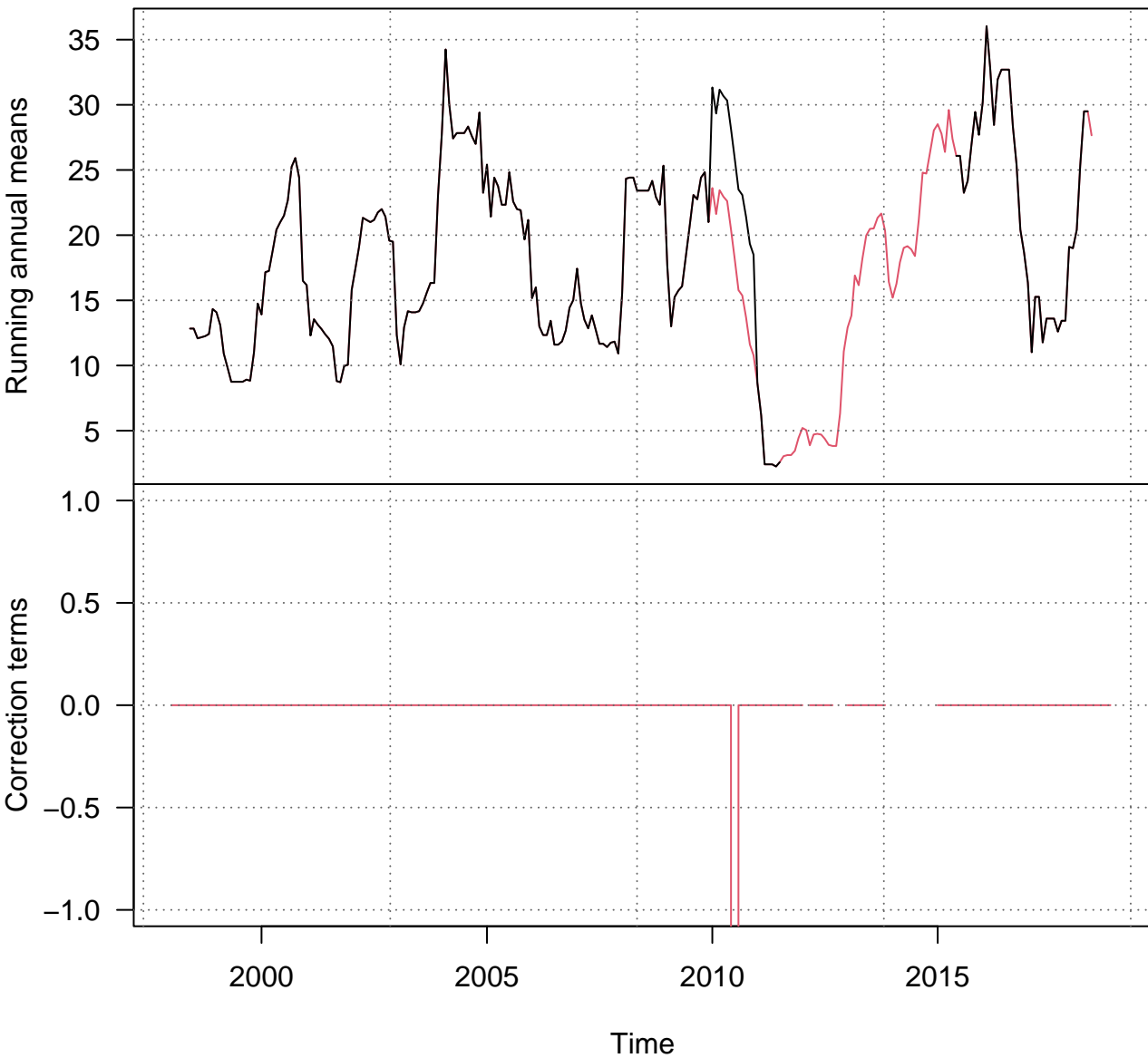
Rmon 44 (19106)
LA PAMONA



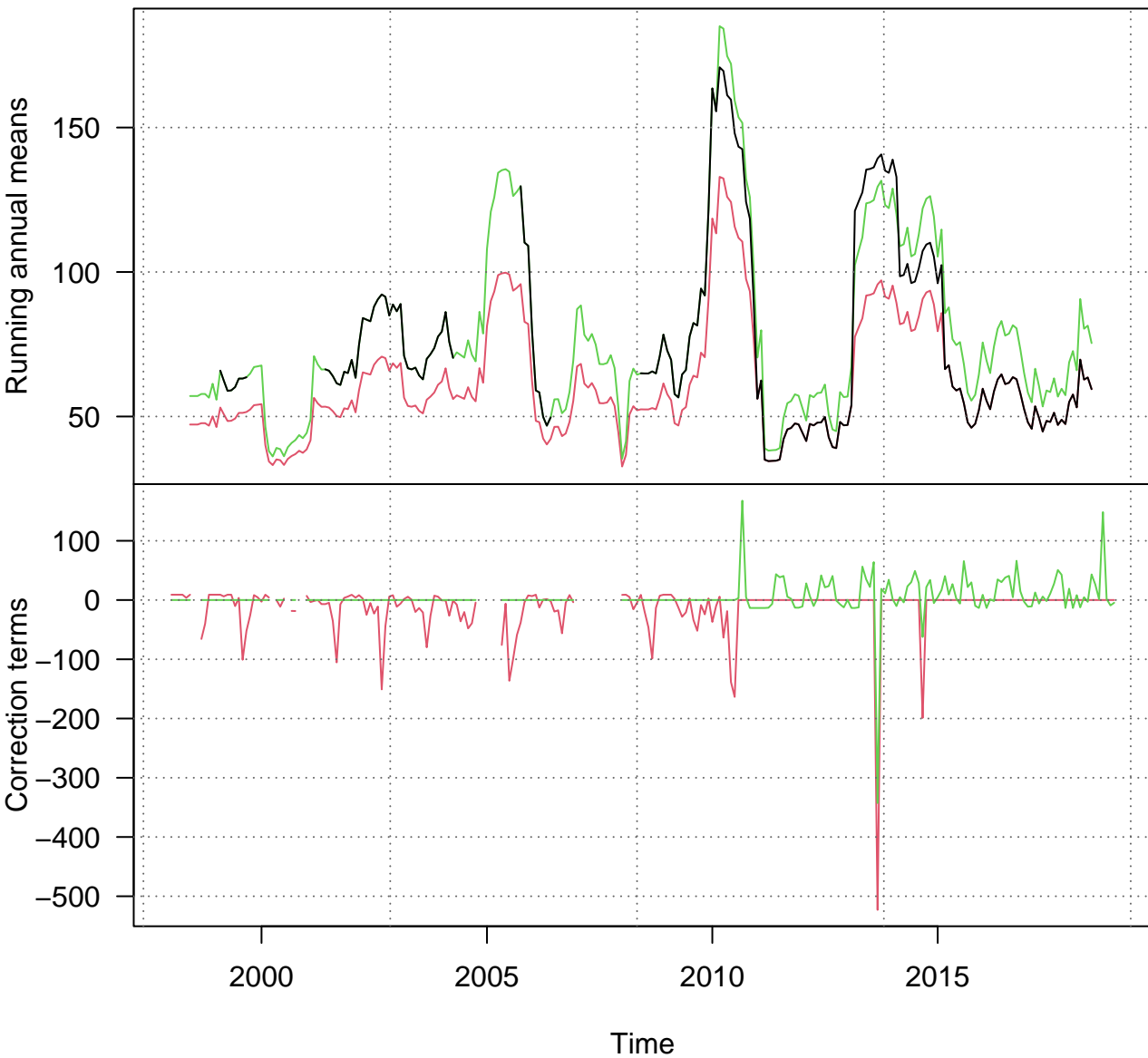
Rmon 45 (19155)
LA POZA



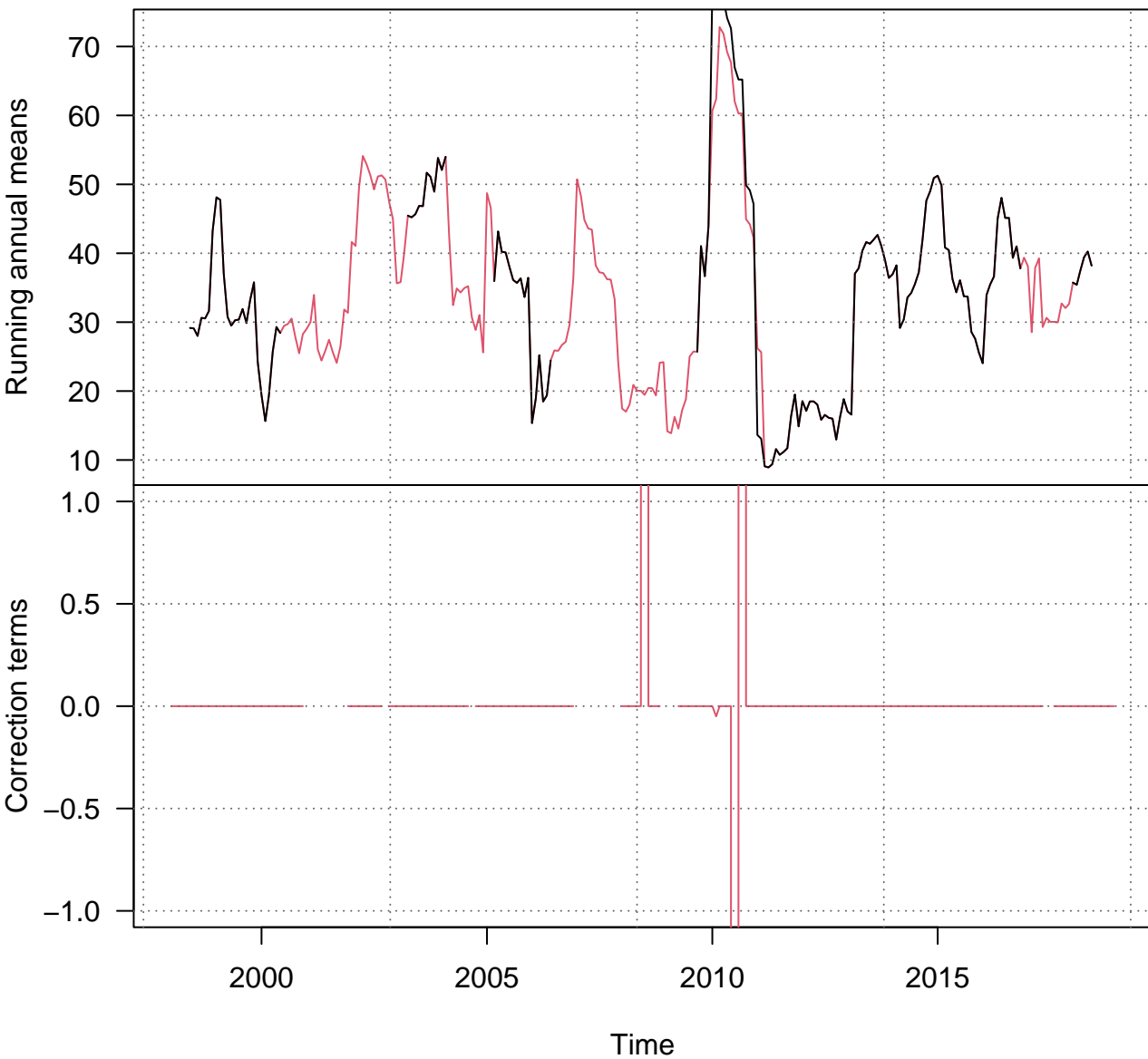
Rmon 46 (5170) LA ROSA



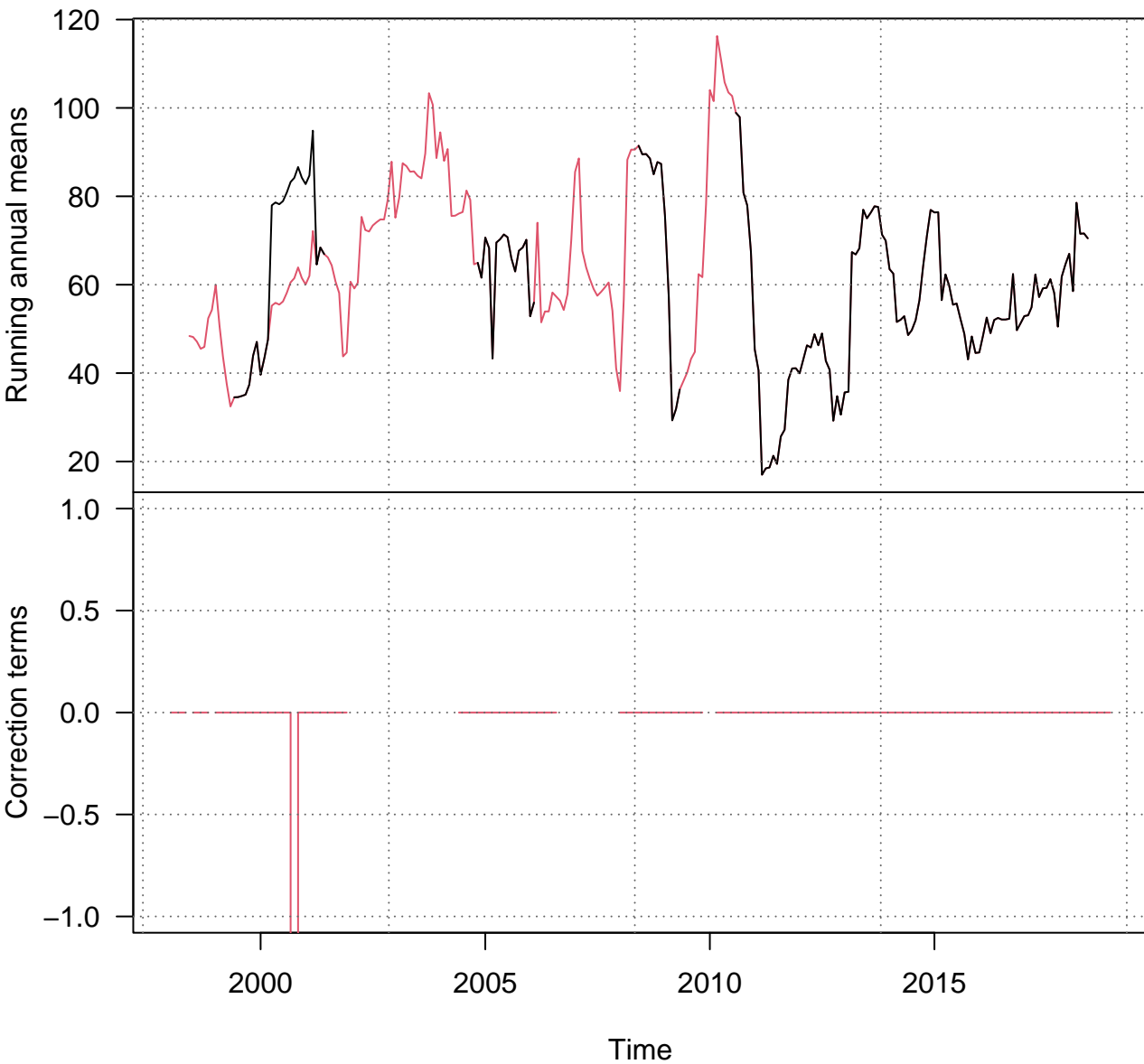
Rmon 47 (19033)
LAGUNA DE SANCHEZ



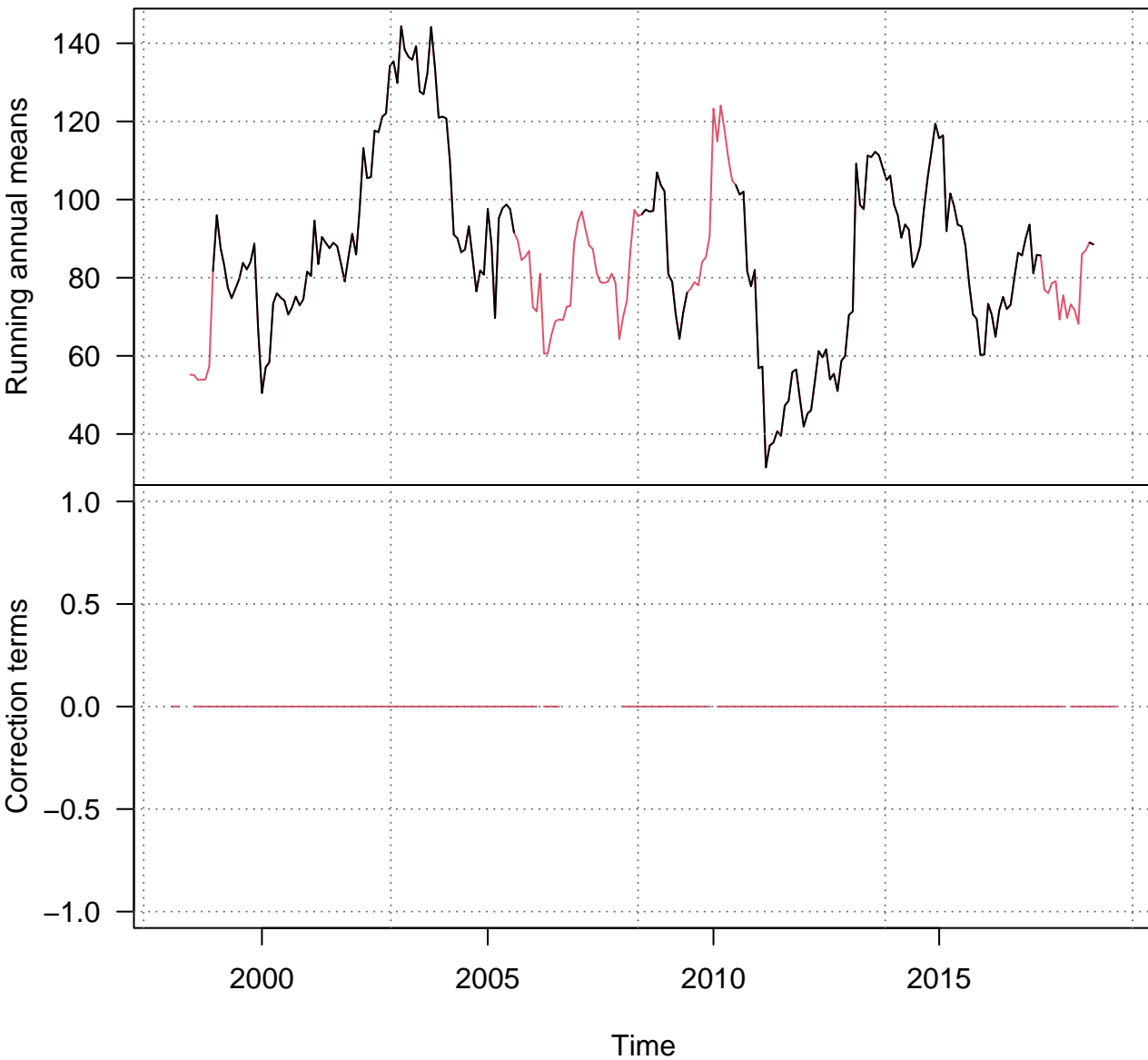
Rmon 48 (19028)
LAMPAZOS (SMN)



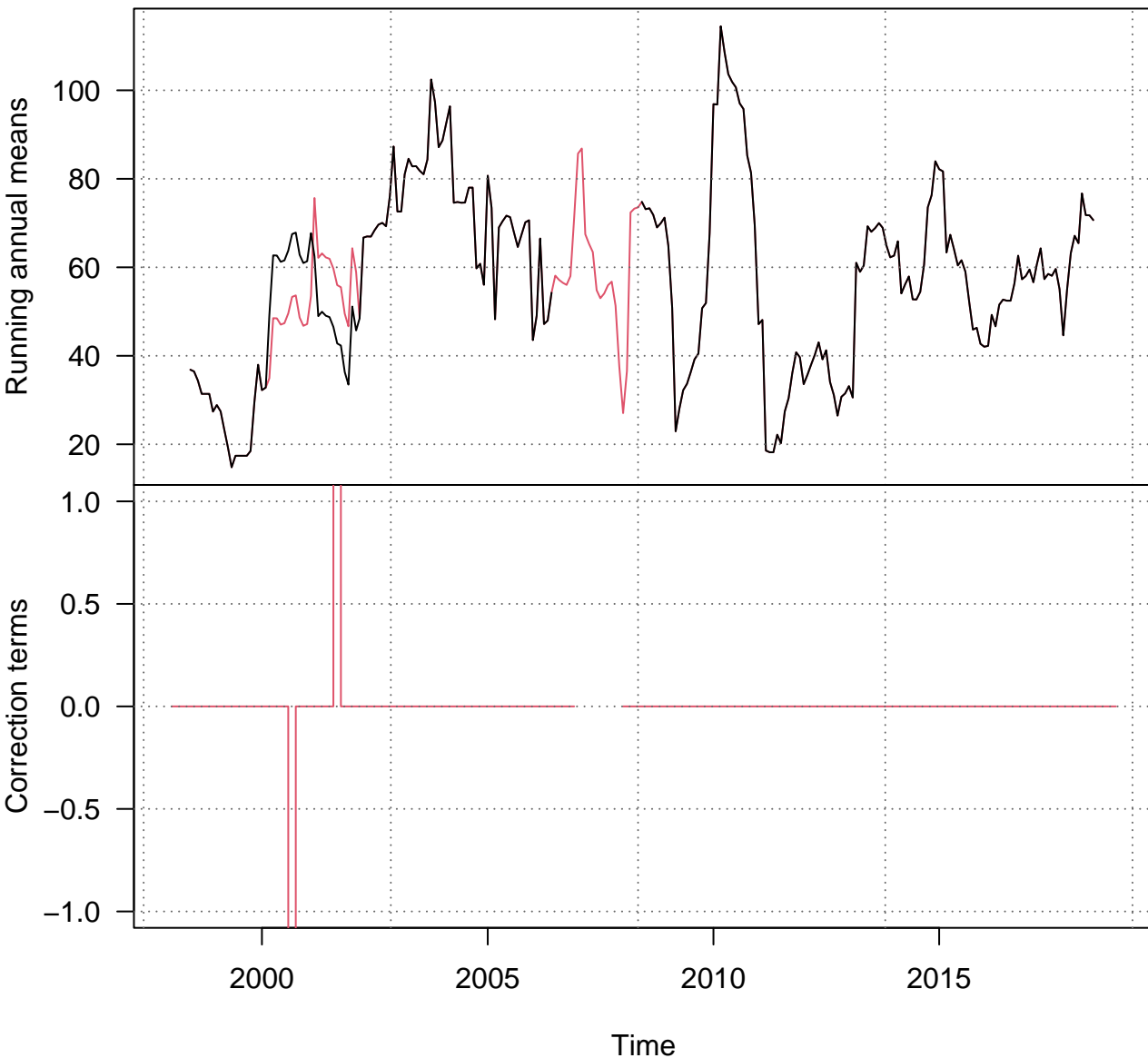
Rmon 49 (19163)
LAS BRISAS



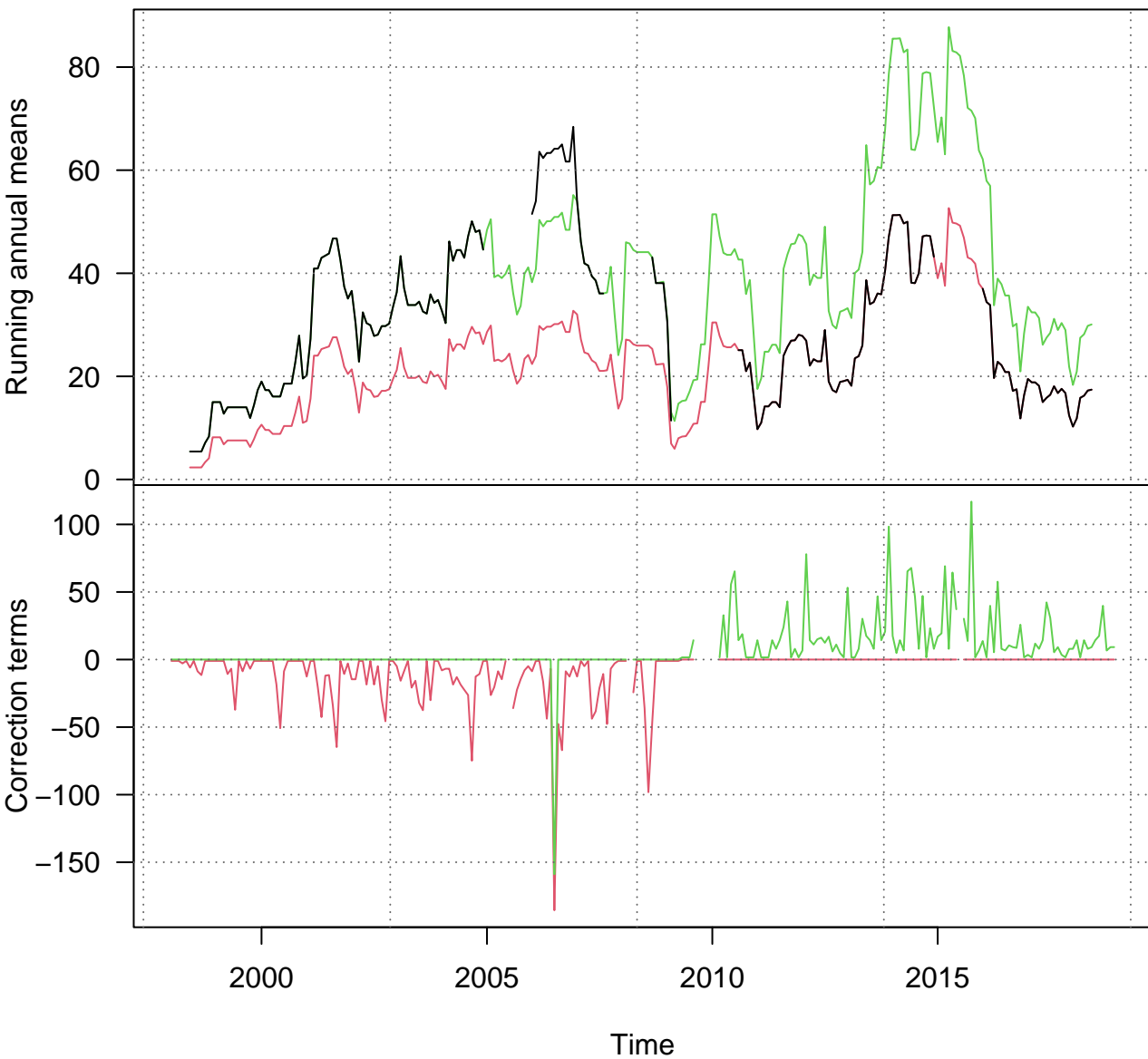
Rmon 50 (19147)
LAS CRUCITAS



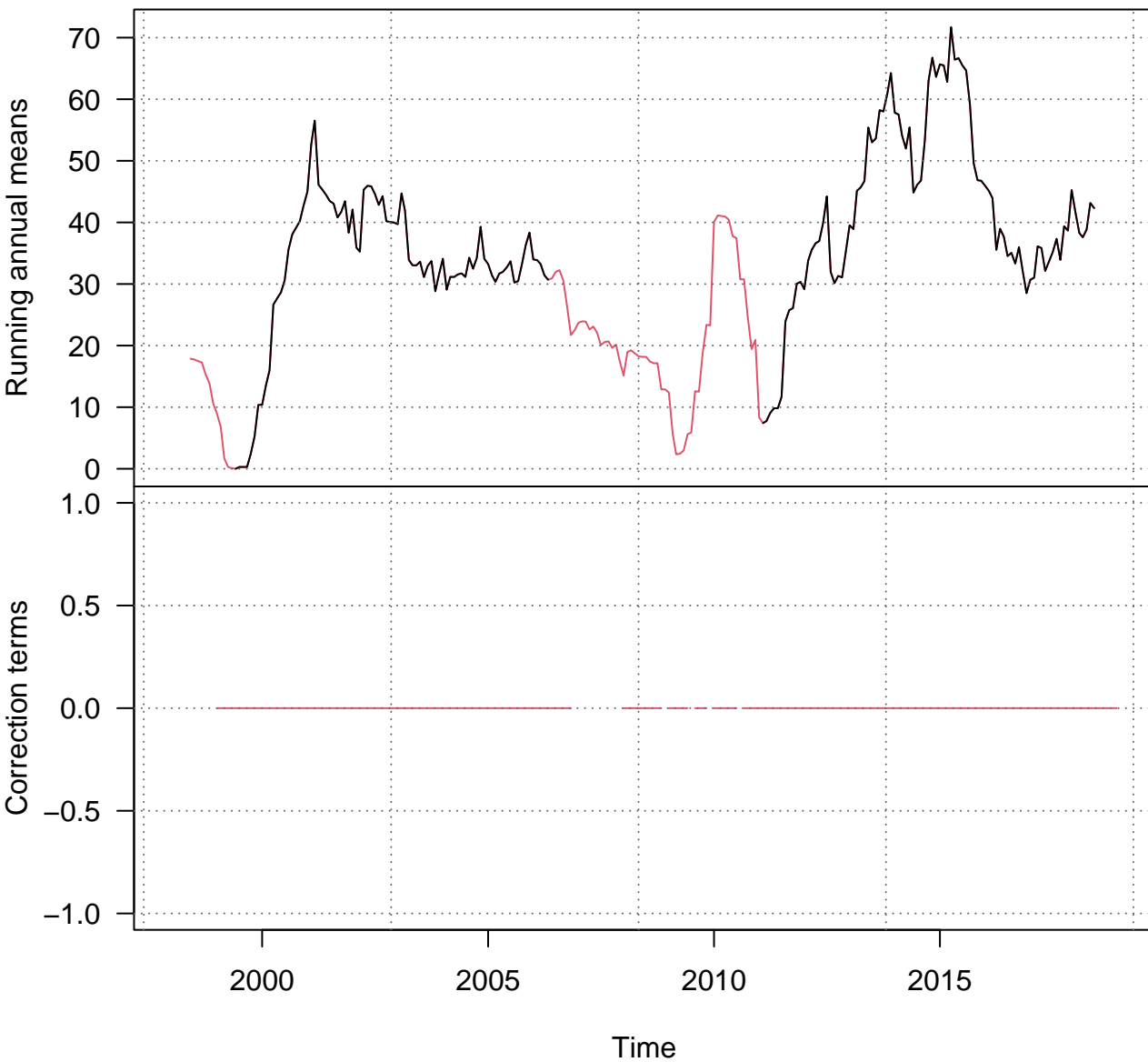
Rmon 51 (19039)
LAS ENRAMADAS



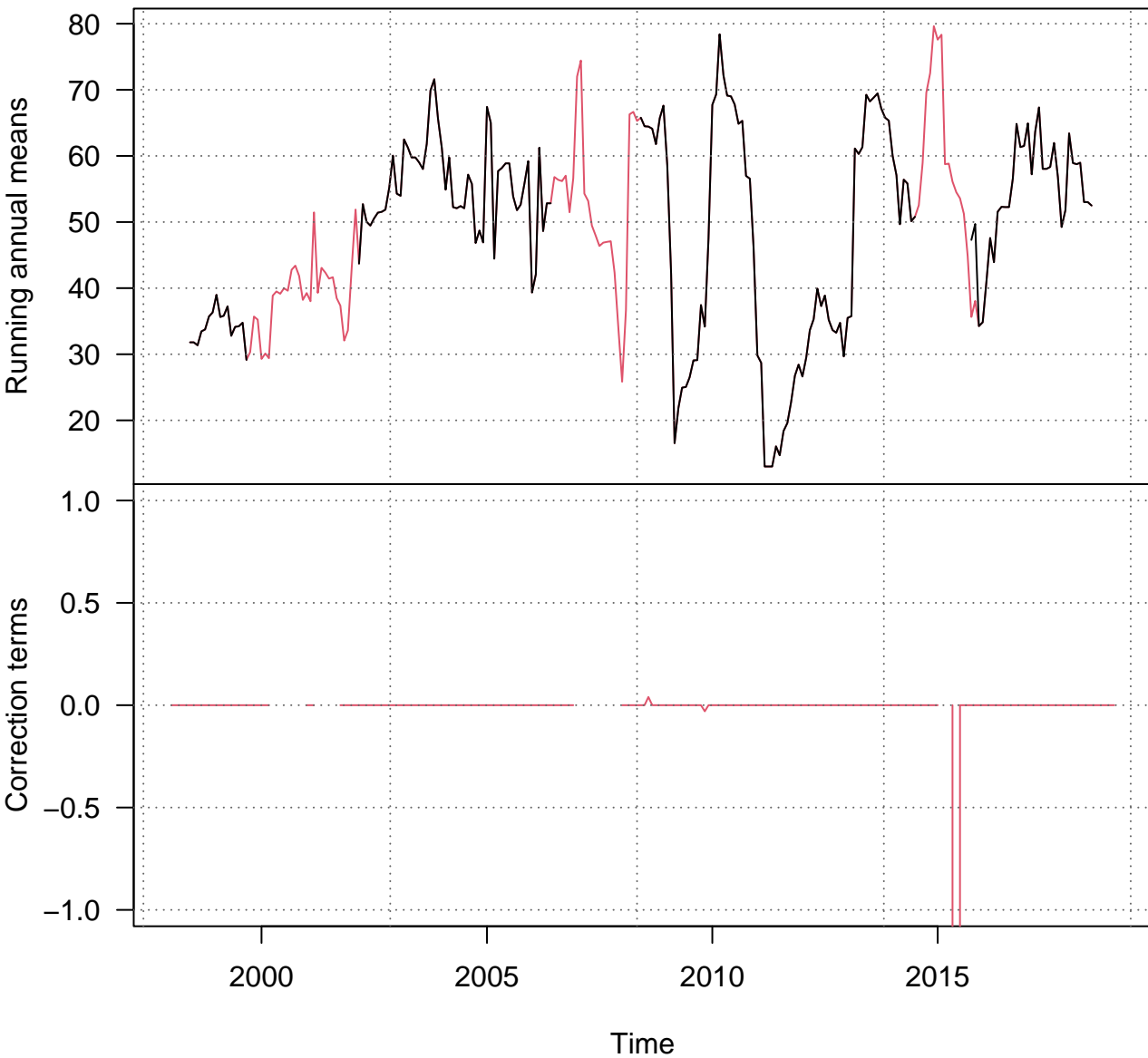
Rmon 52 (19151)
LAS MARGARITAS



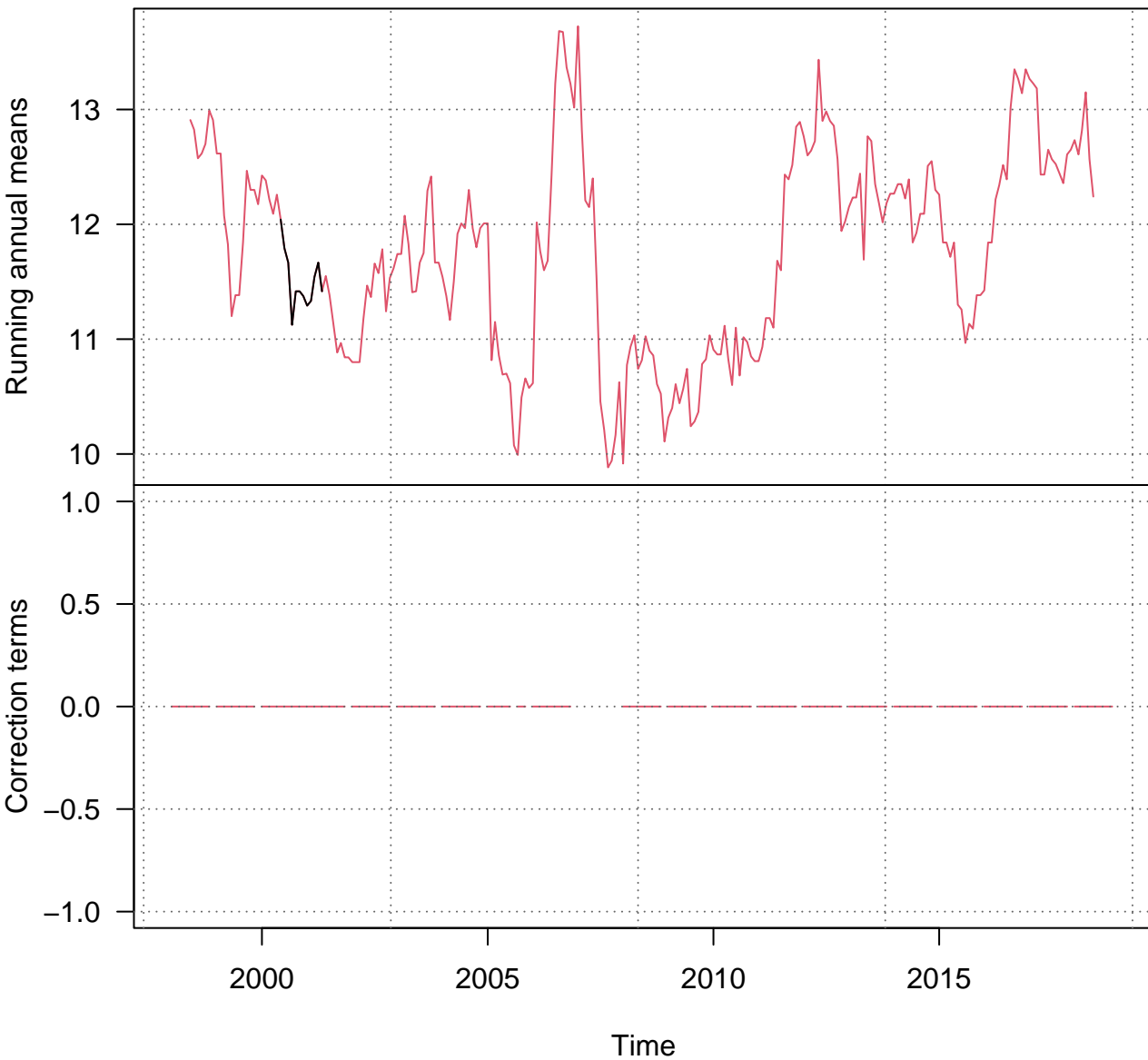
Rmon 53 (19037)
LAS PRESAS



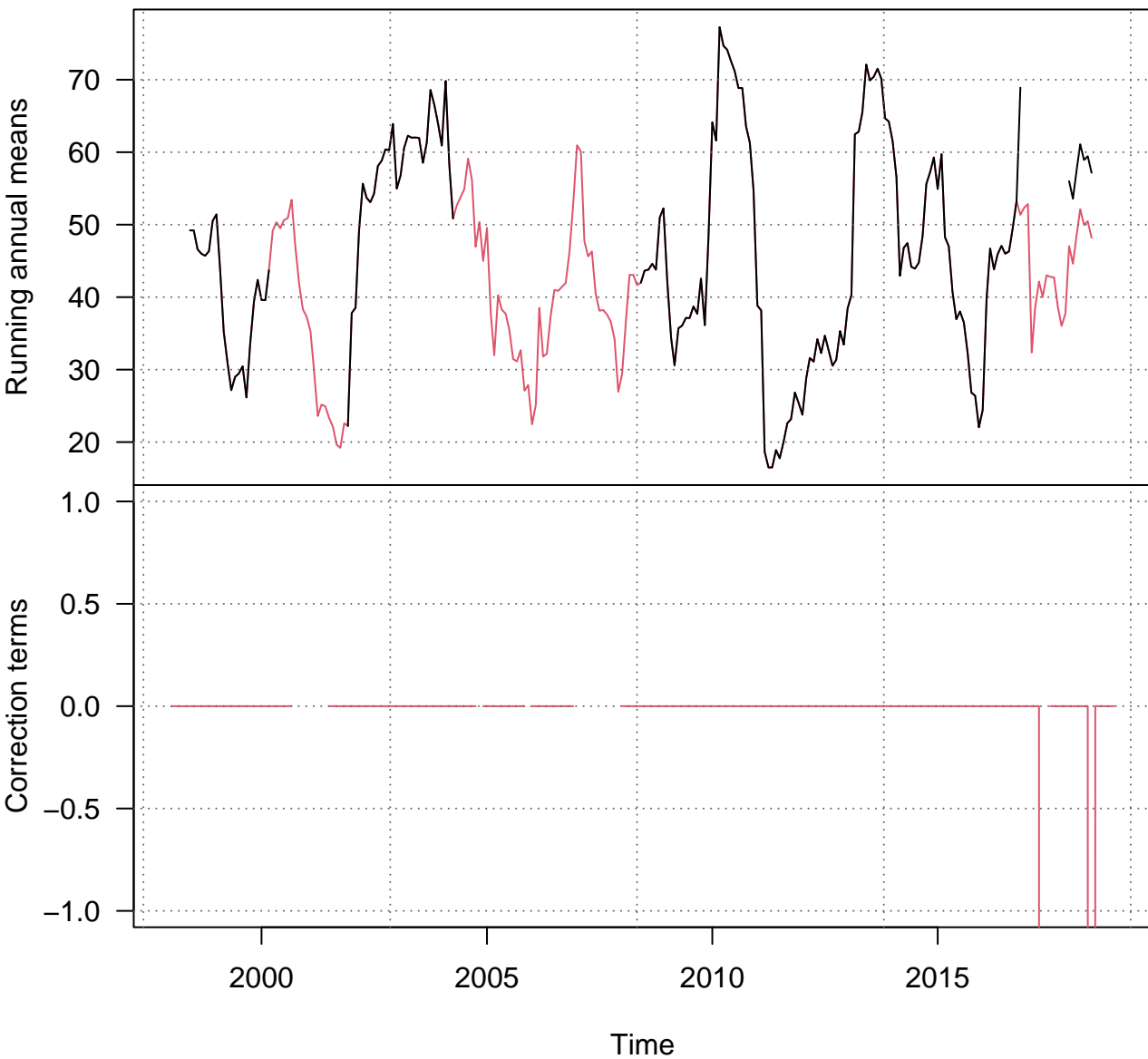
Rmon 54 (19042)
LOS RAMONES



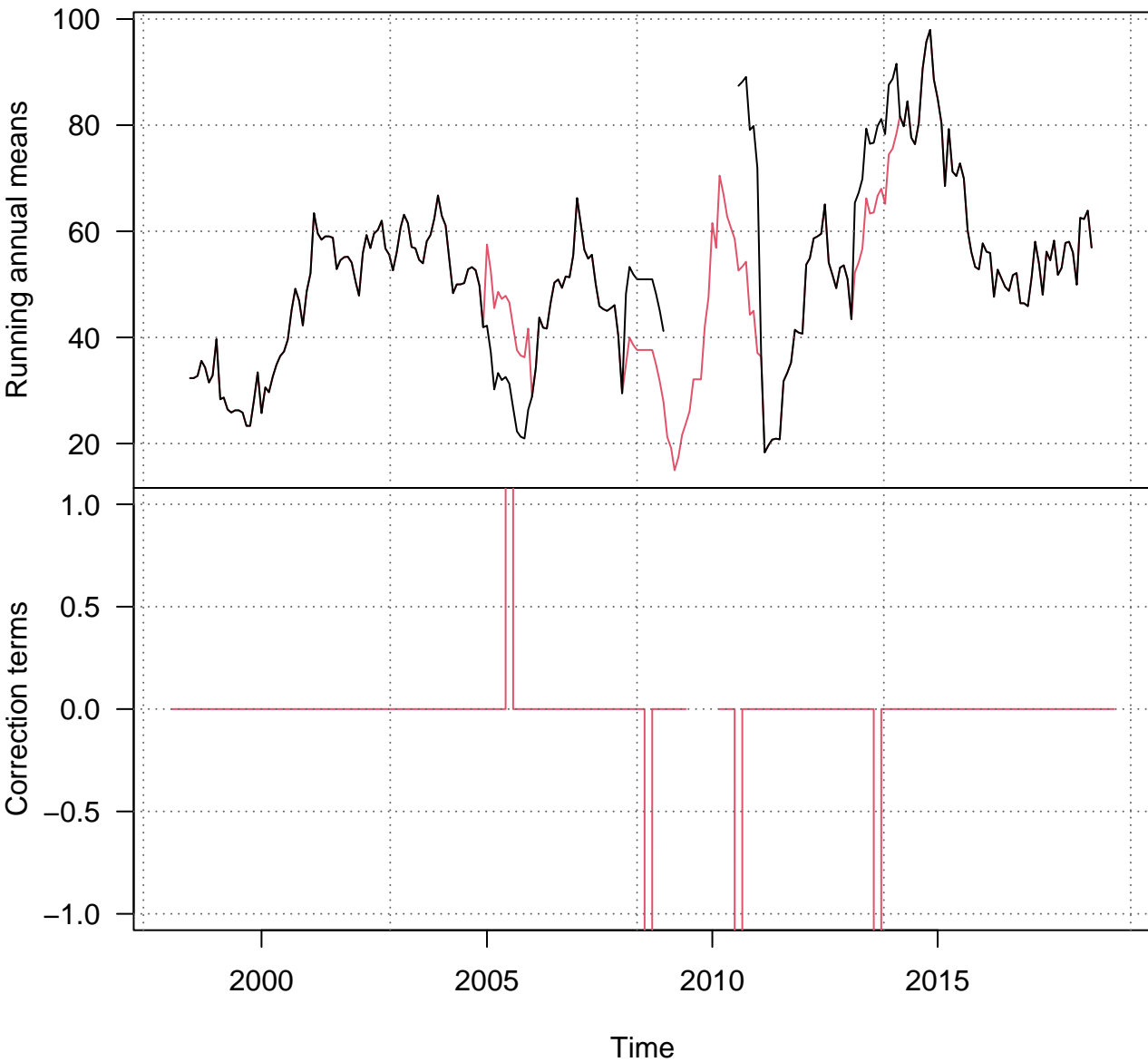
Rmon 55 (19043)
MADERO



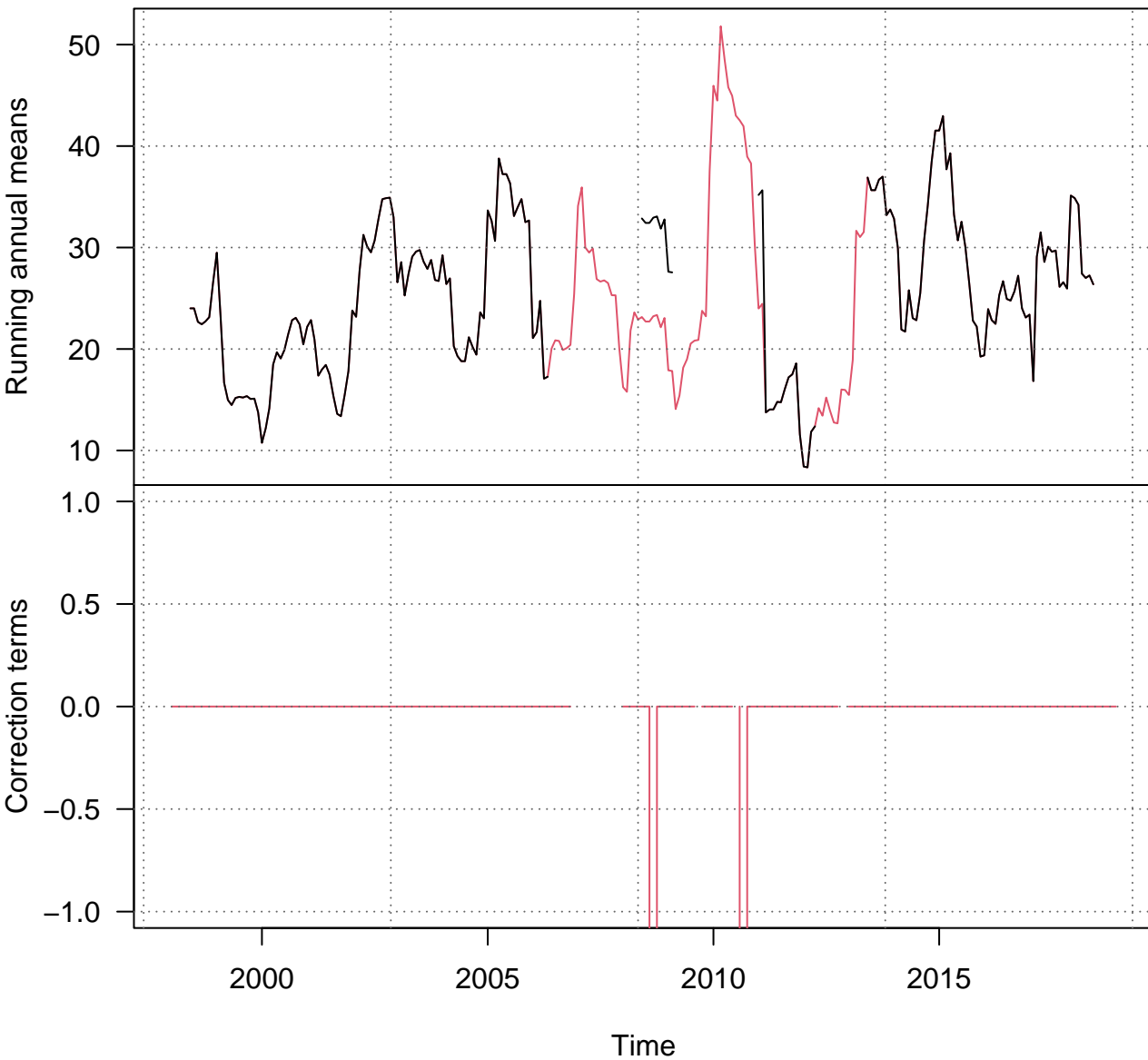
Rmon 56 (19044)
MAMULIQUE



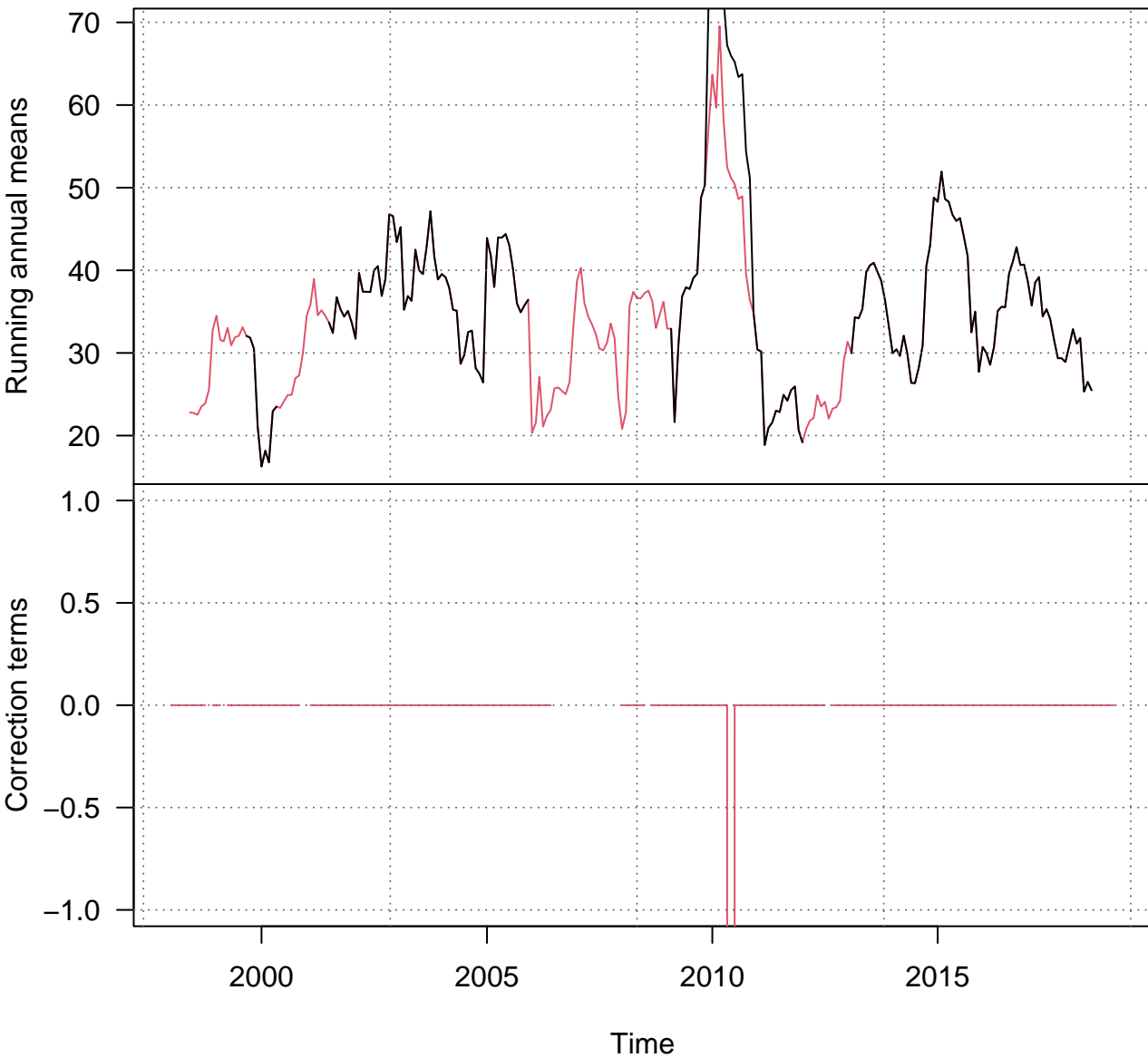
Rmon 57 (19047) MIMBRES



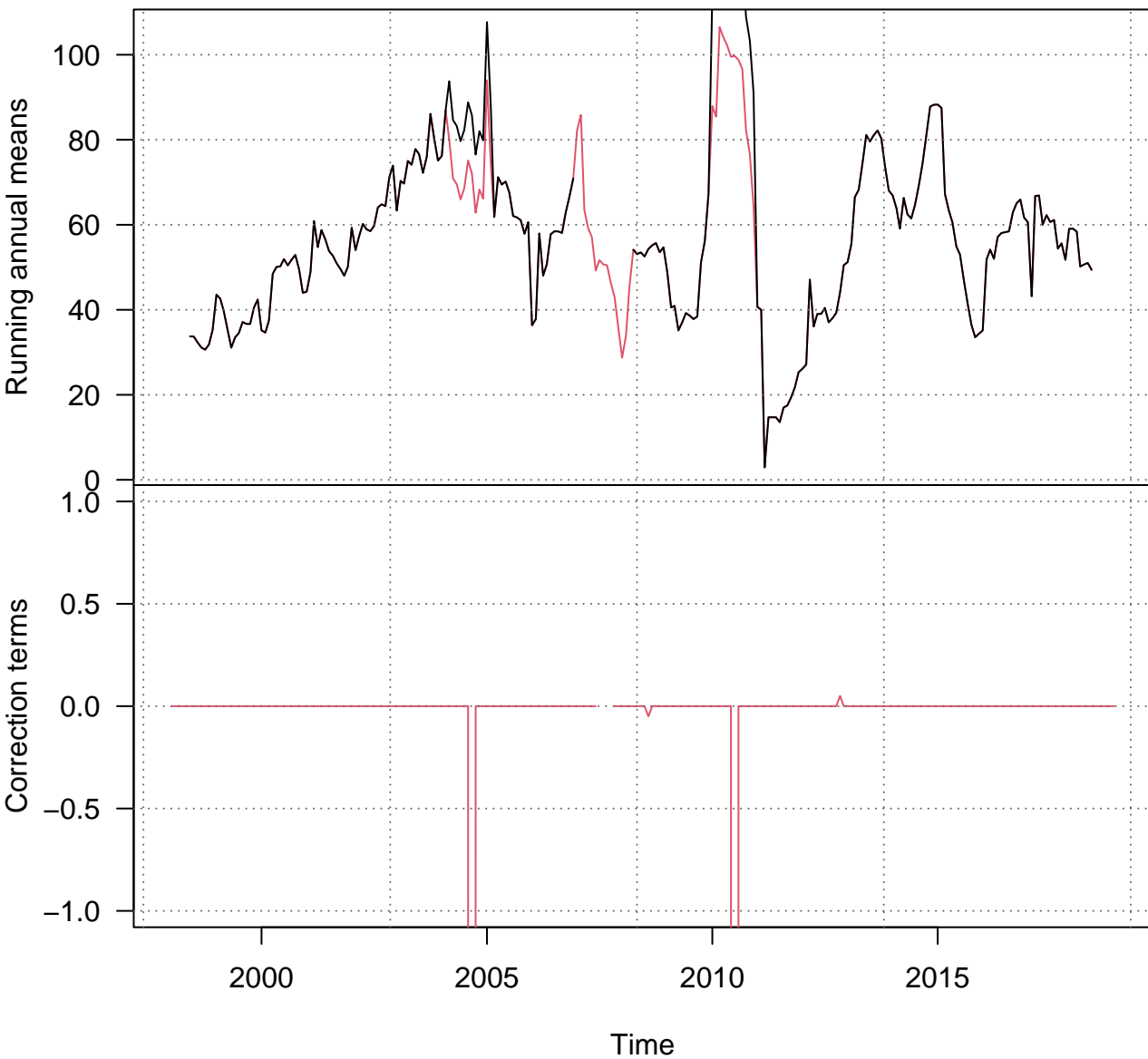
Rmon 58 (19045) MINA



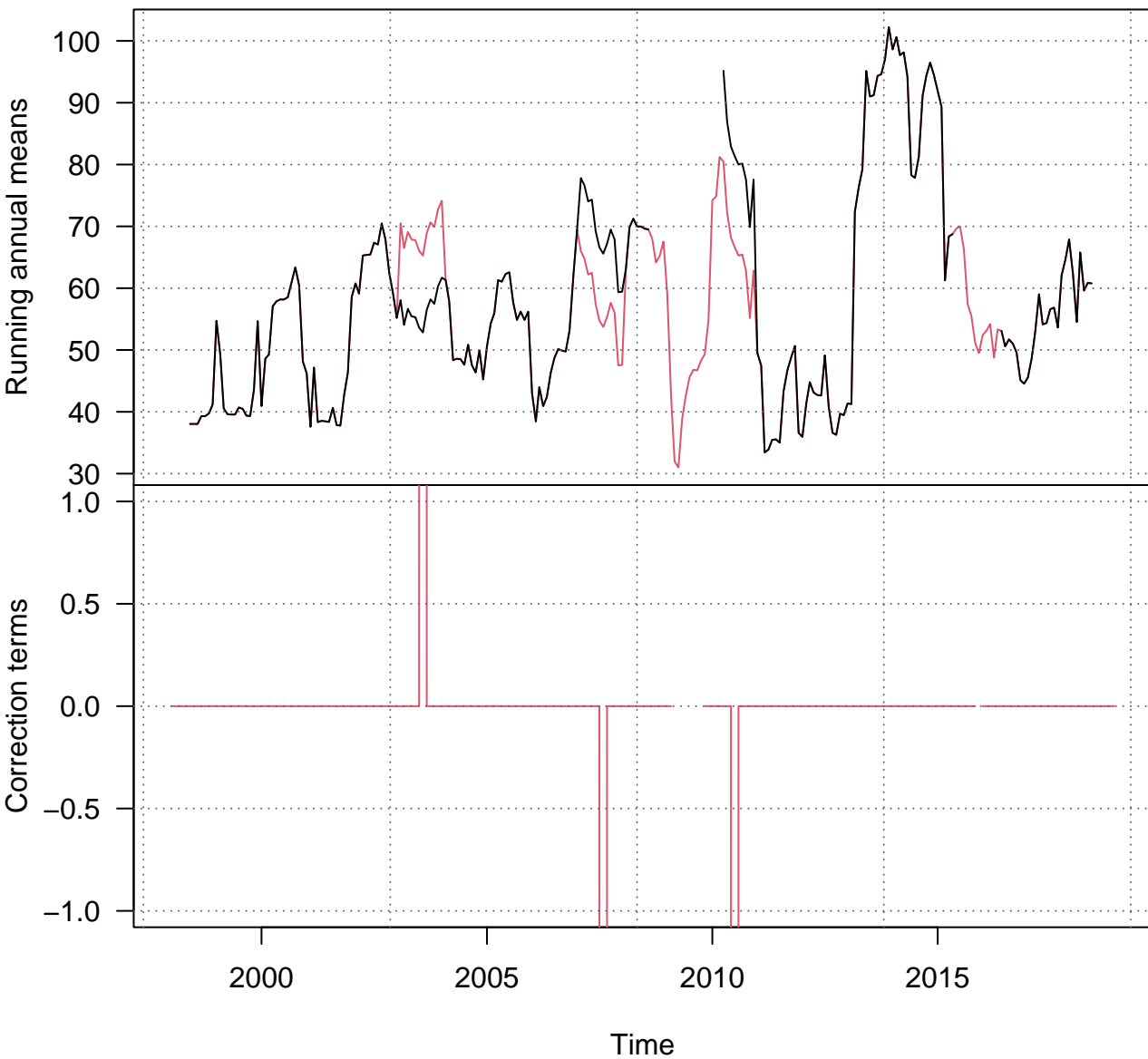
Rmon 59 (19048) MONTEMORELOS



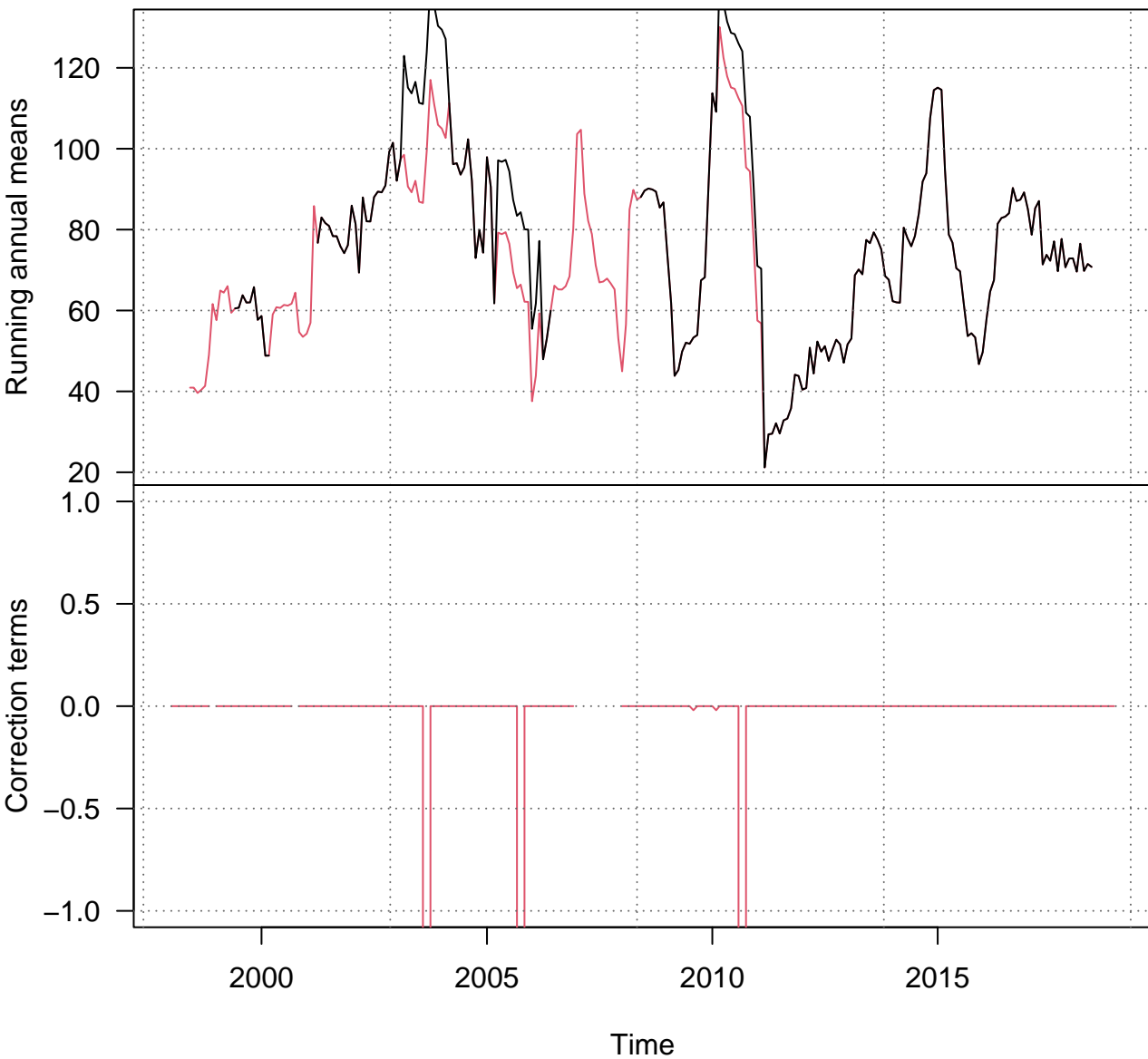
Rmon 60 (19052)
MONTERREY (OBS)



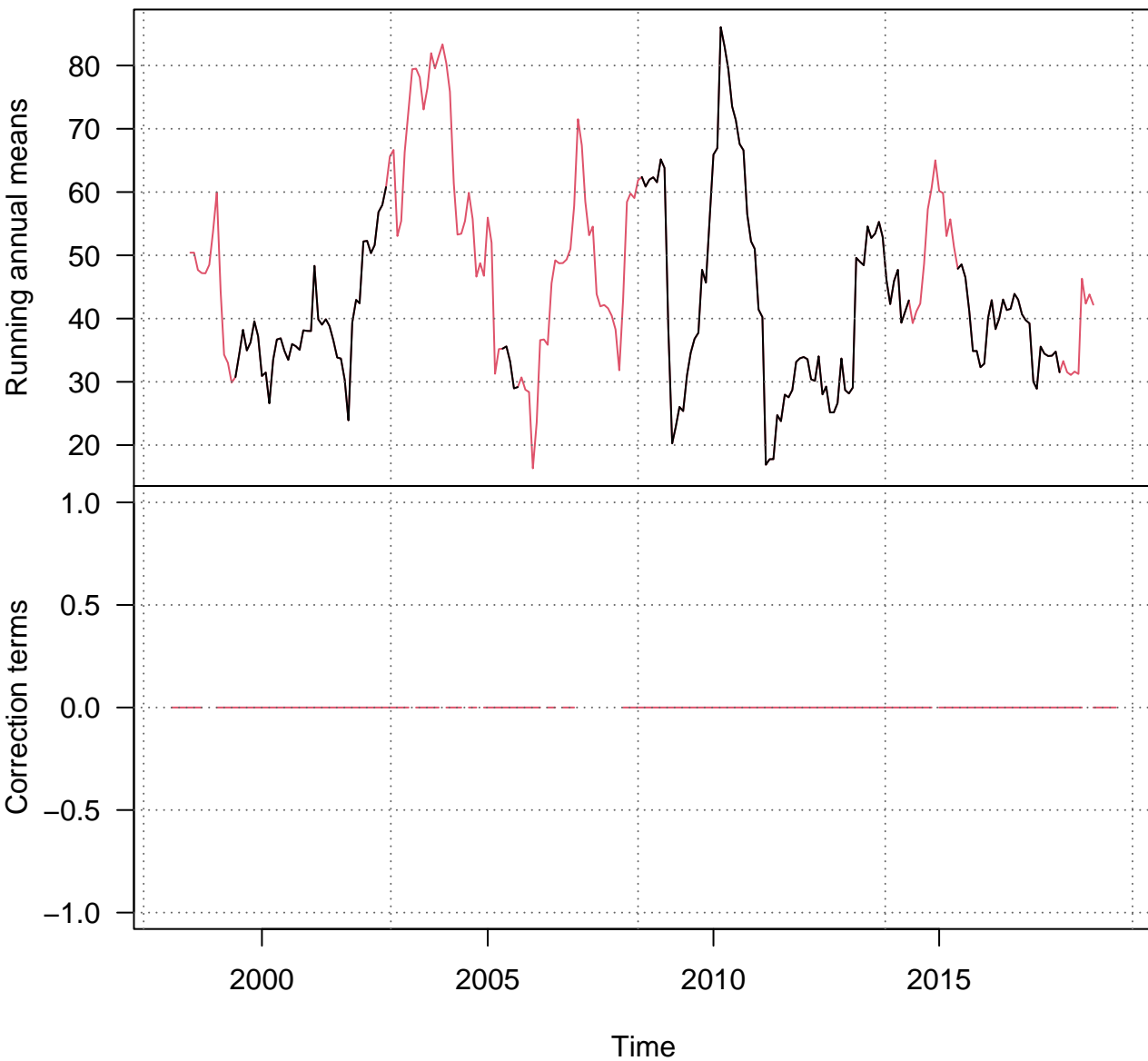
Rmon 61 (19091)
PABLILLO (DGE)



Rmon 62 (19173)
PALMITOS (GE)



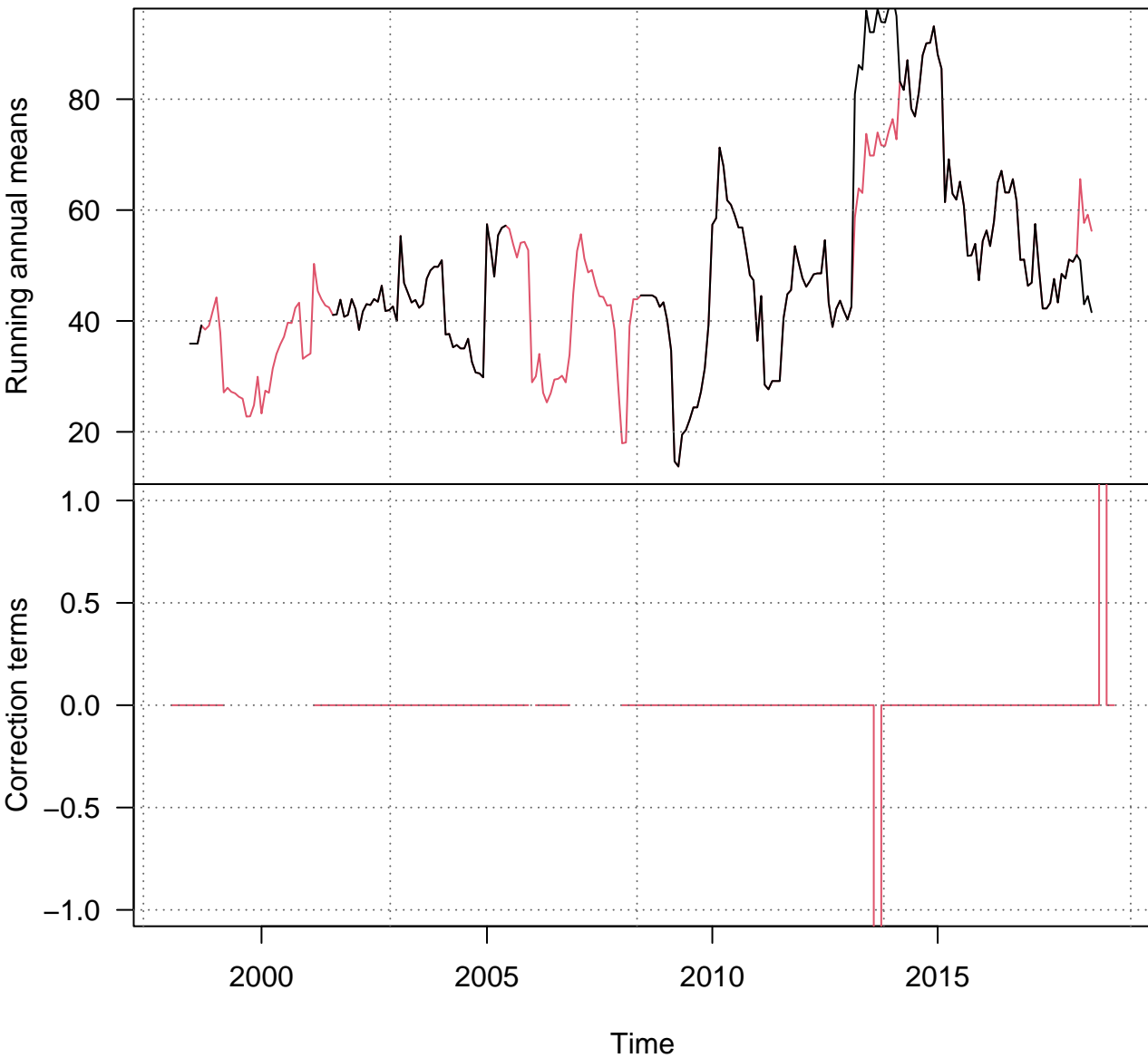
Rmon 63 (19071) PARAS



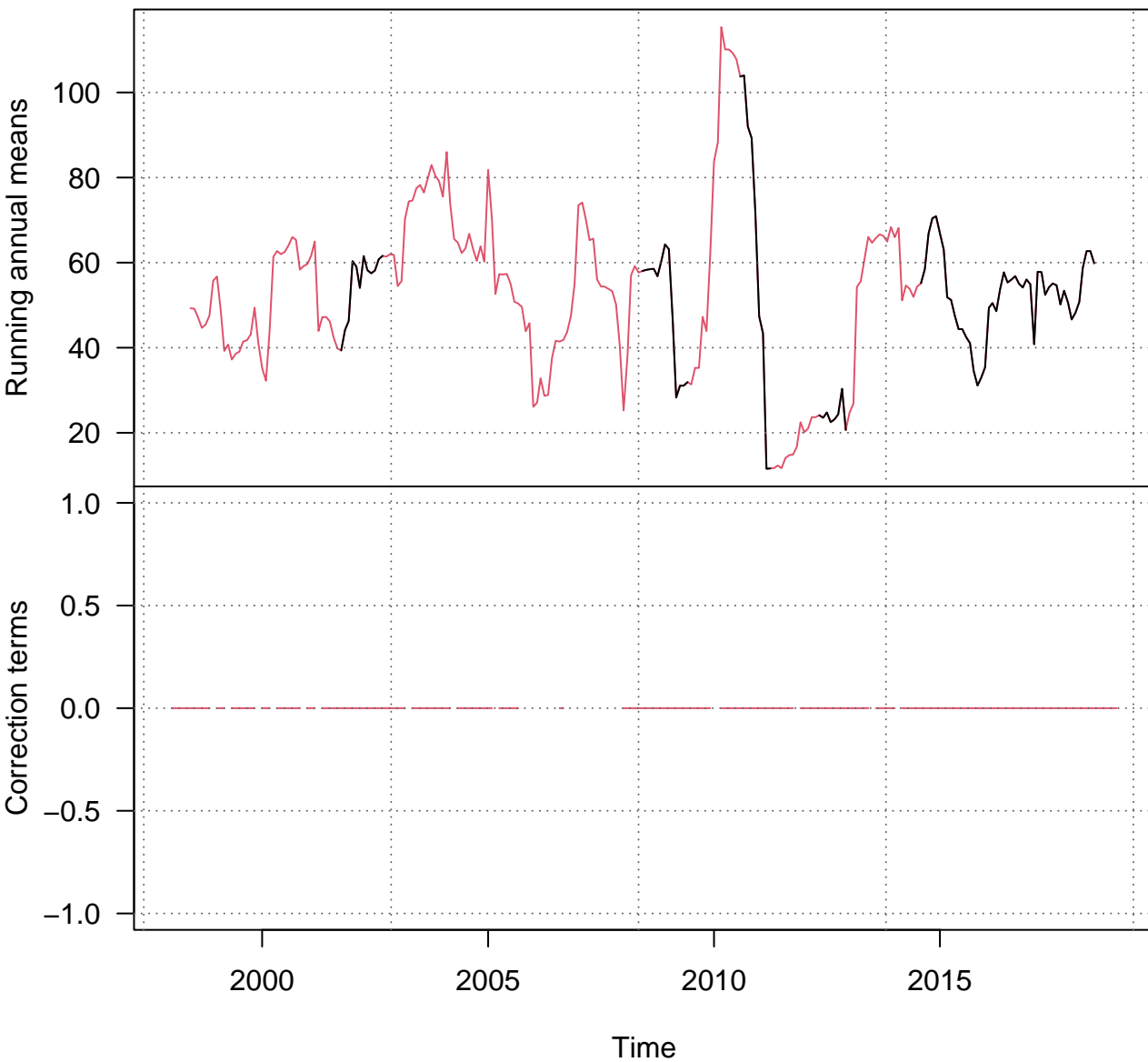
Rmon 64 (5148)
POTRERO DE ABREGO



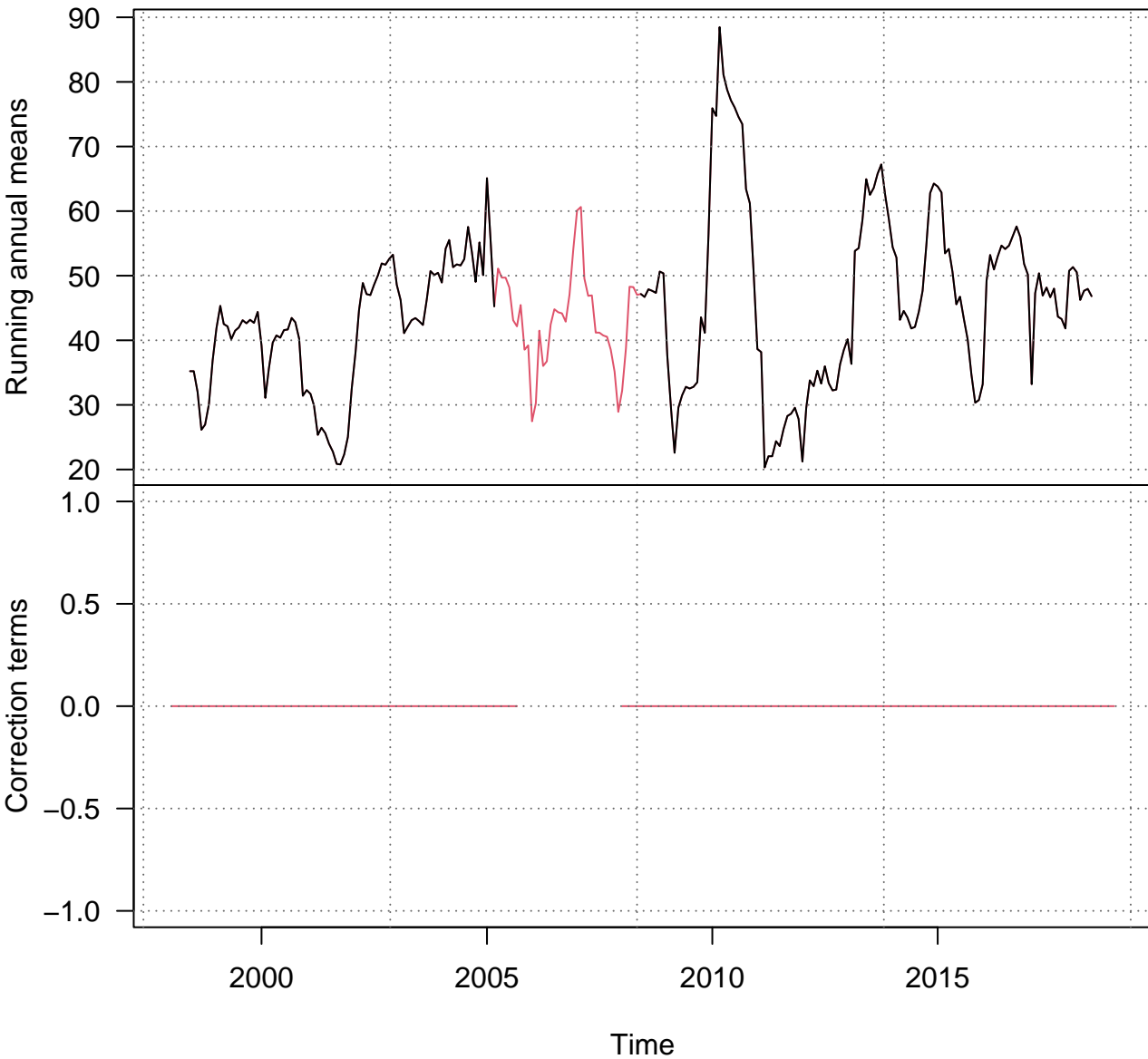
Rmon 65 (19053) RAYONES



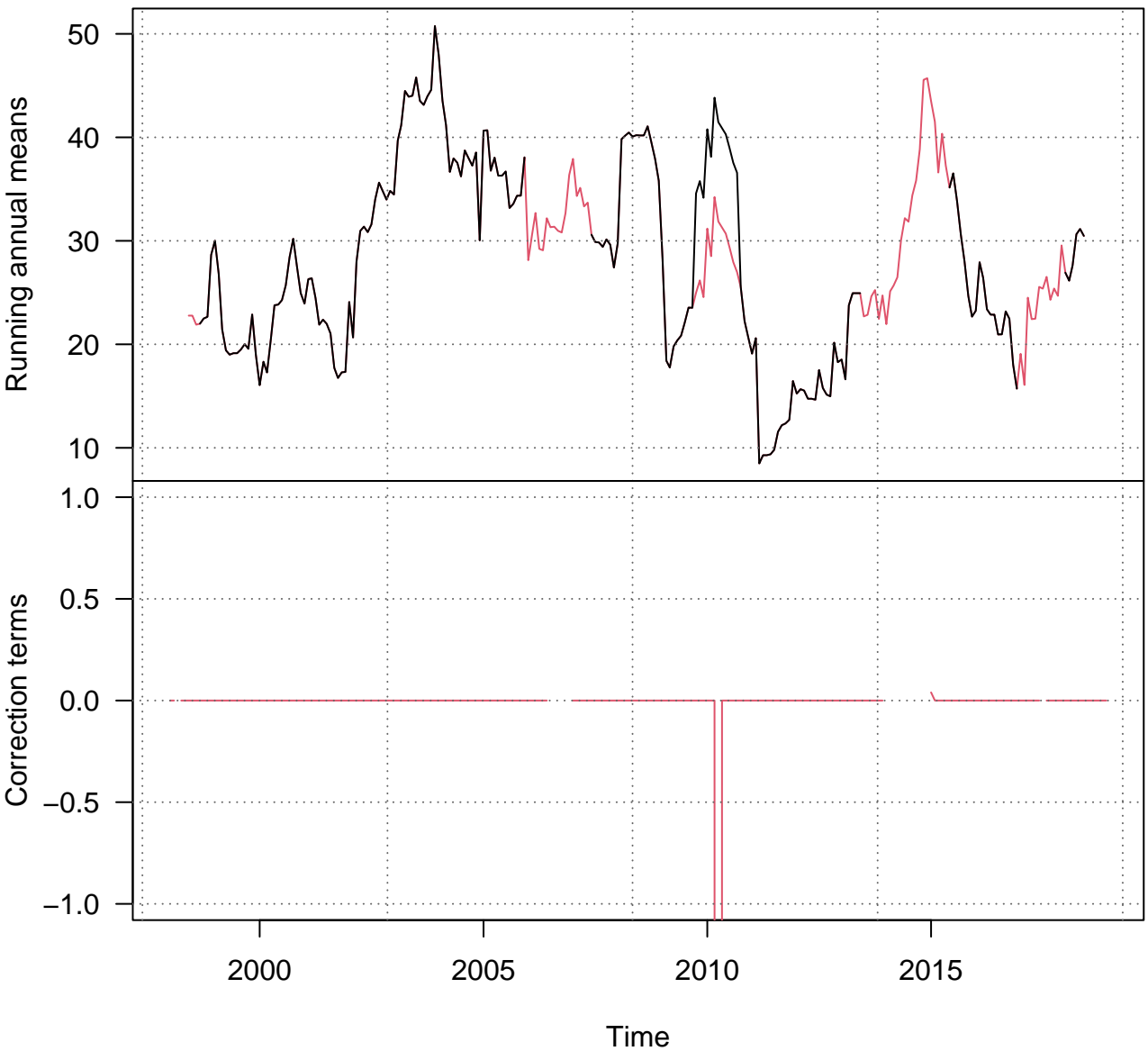
Rmon 66 (19133)
SABINAS HIDALGO



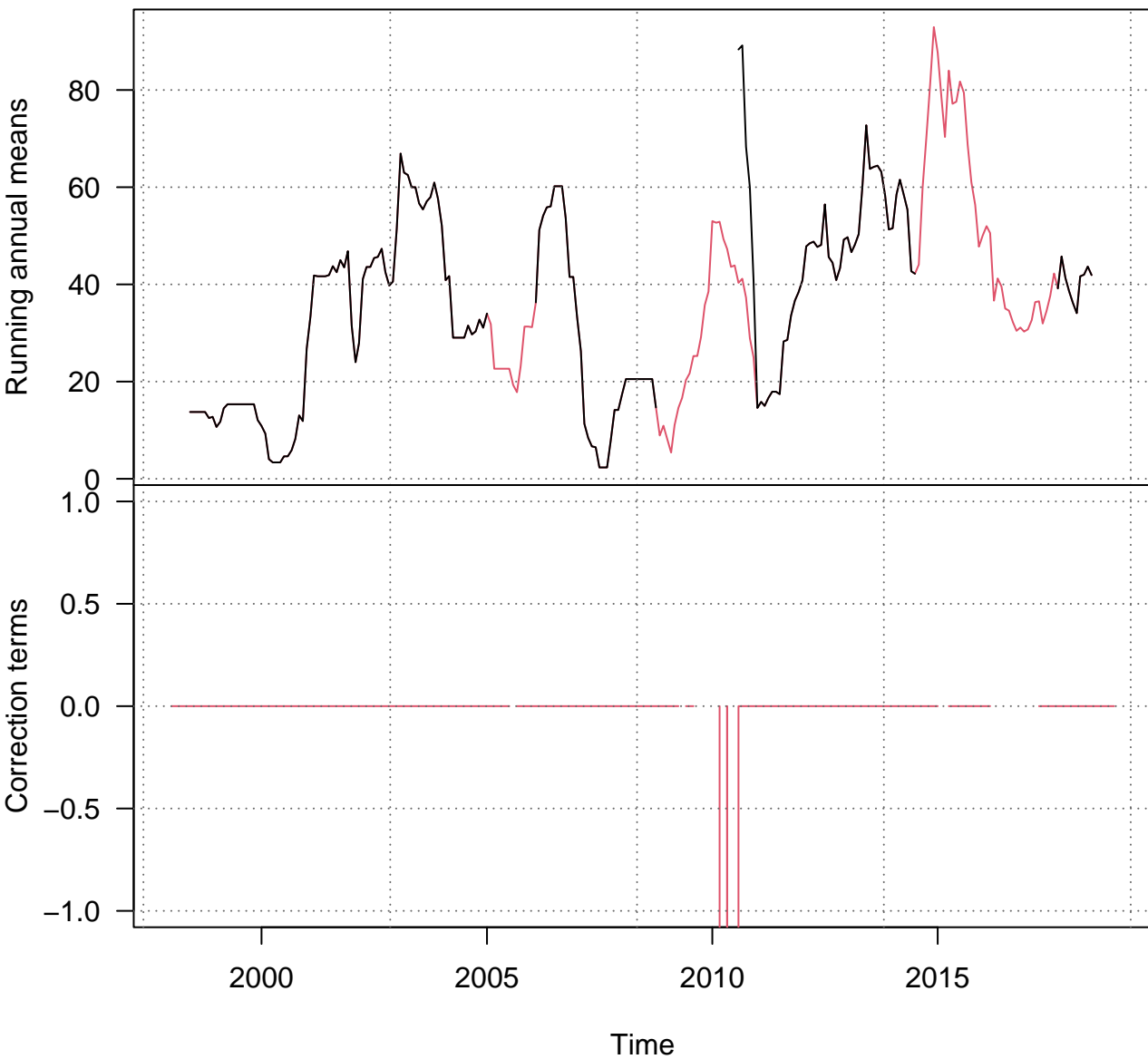
Rmon 67 (19134)
SALINAS VICTORIA



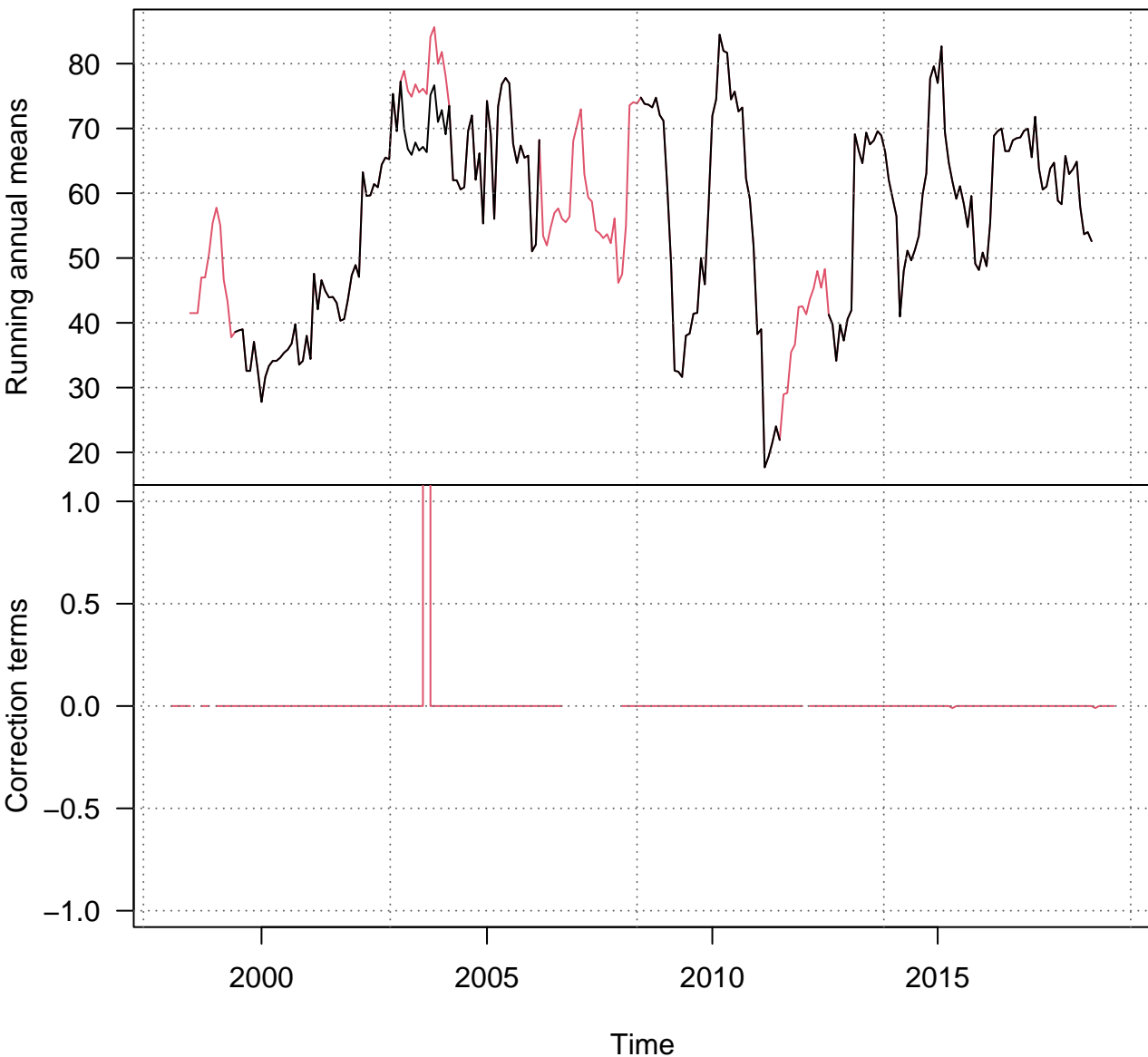
Rmon 68 (5048)
SALTILLO (DGE)



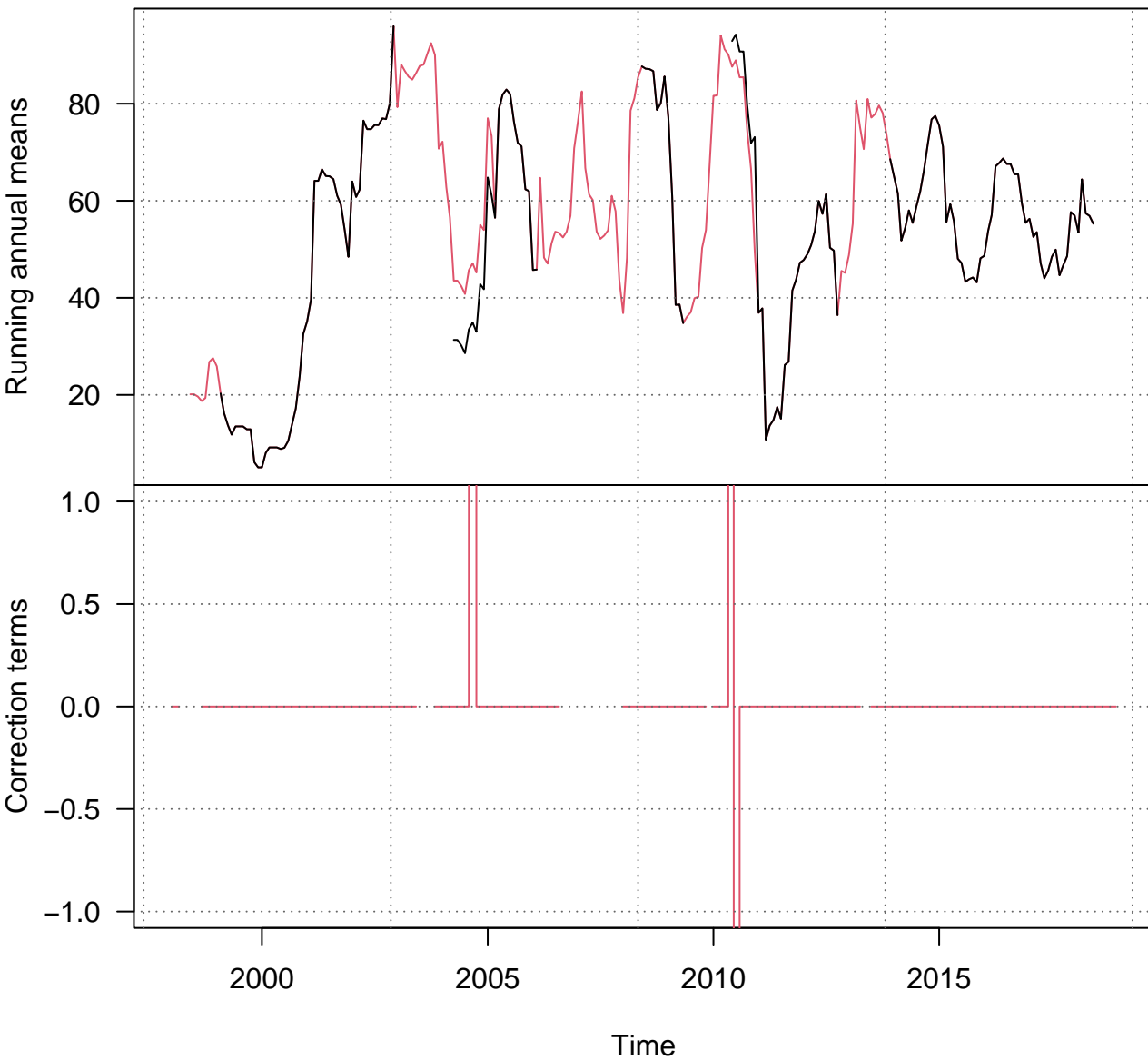
Rmon 69 (19180)
SAN ANTONIO EL SALERO



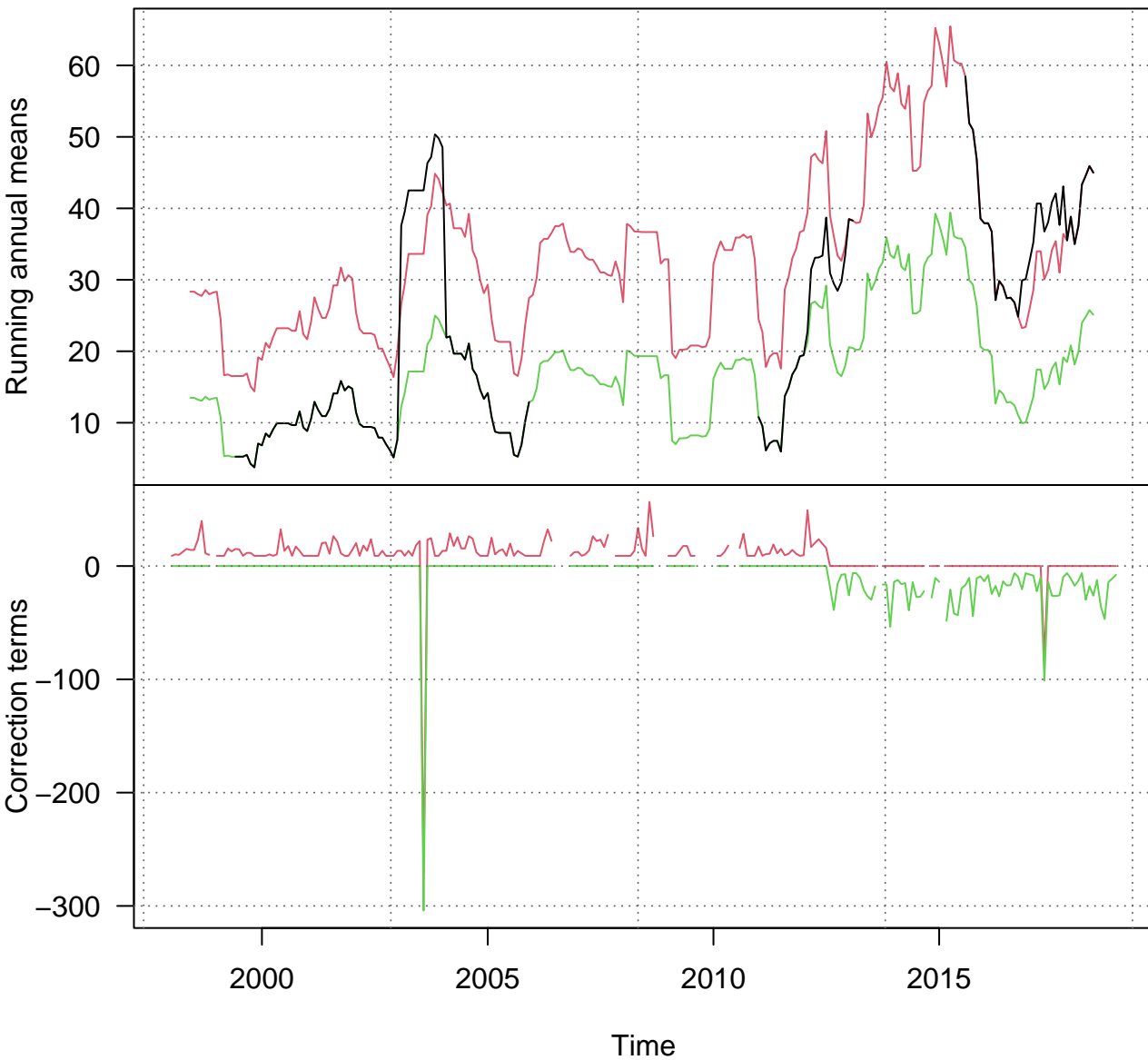
Rmon 70 (19108)
SAN CRISTOBAL PURISIMA



Rmon 71 (19101)
SAN DIEGO



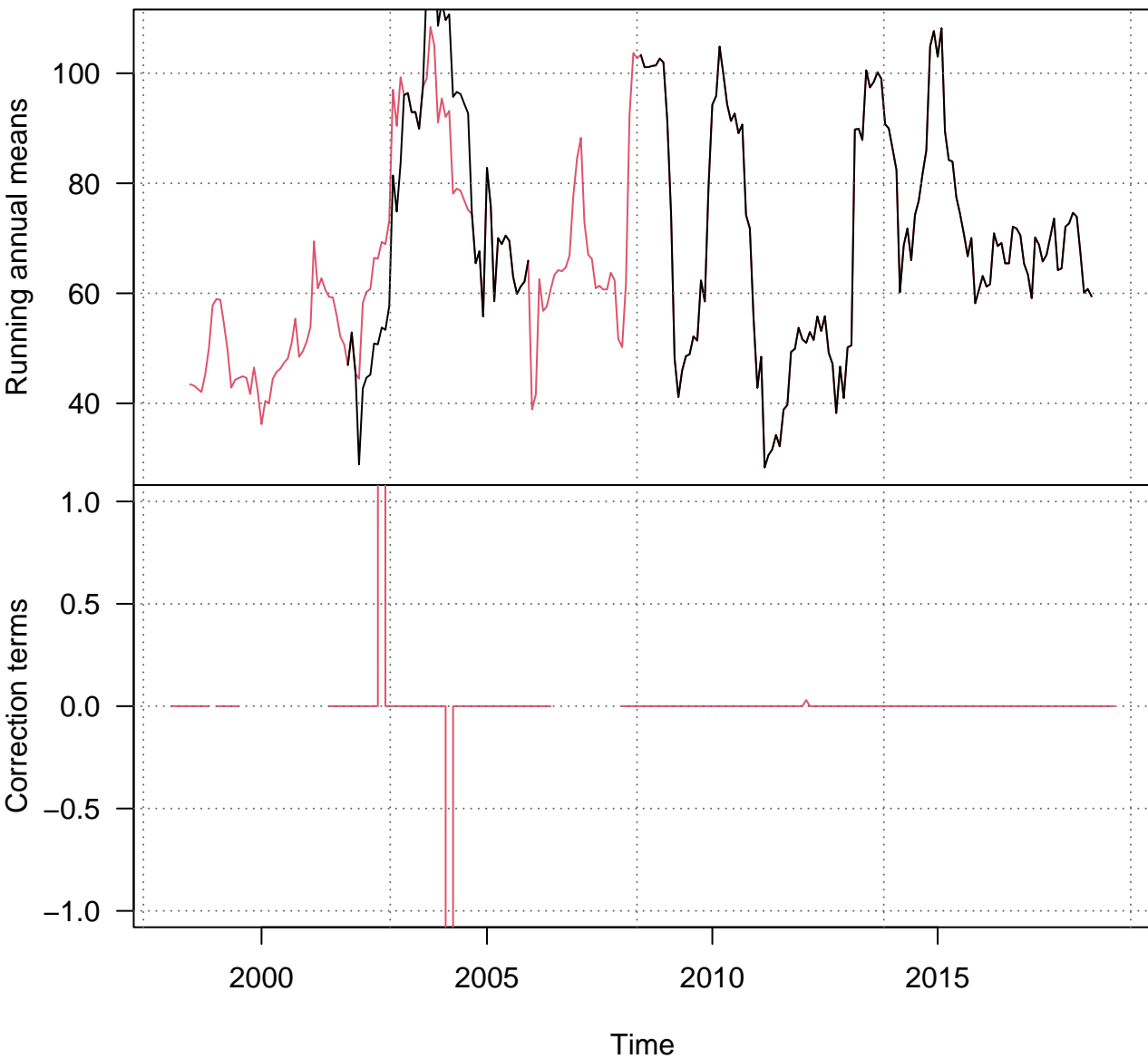
Rmon 72 (19135)
SAN FRANCISCO DE BERLANGA



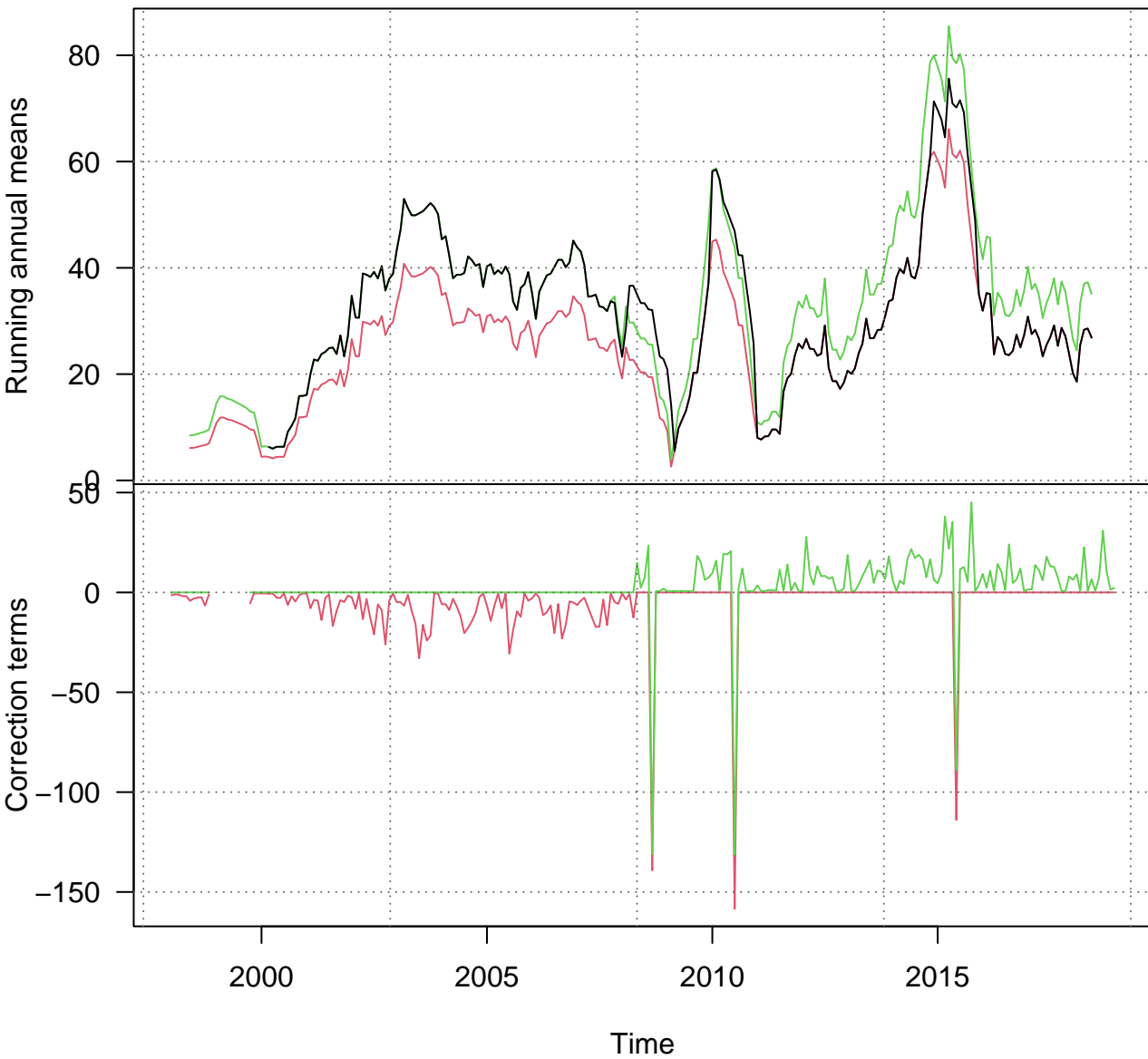
Rmon 73 (19160)
SAN IGNACIO DE TEXAS



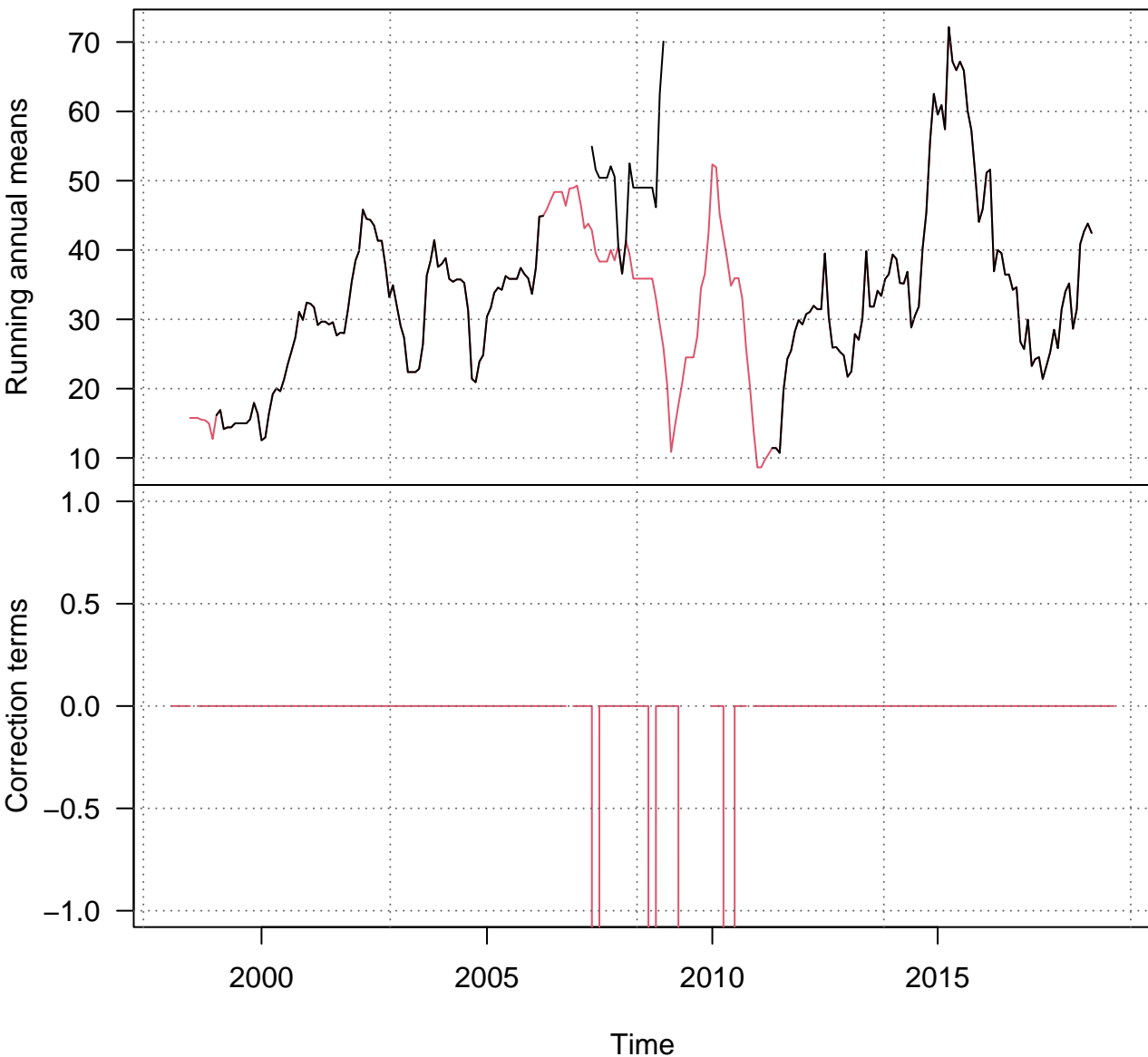
Rmon 74 (19136)
SAN ISIDRO



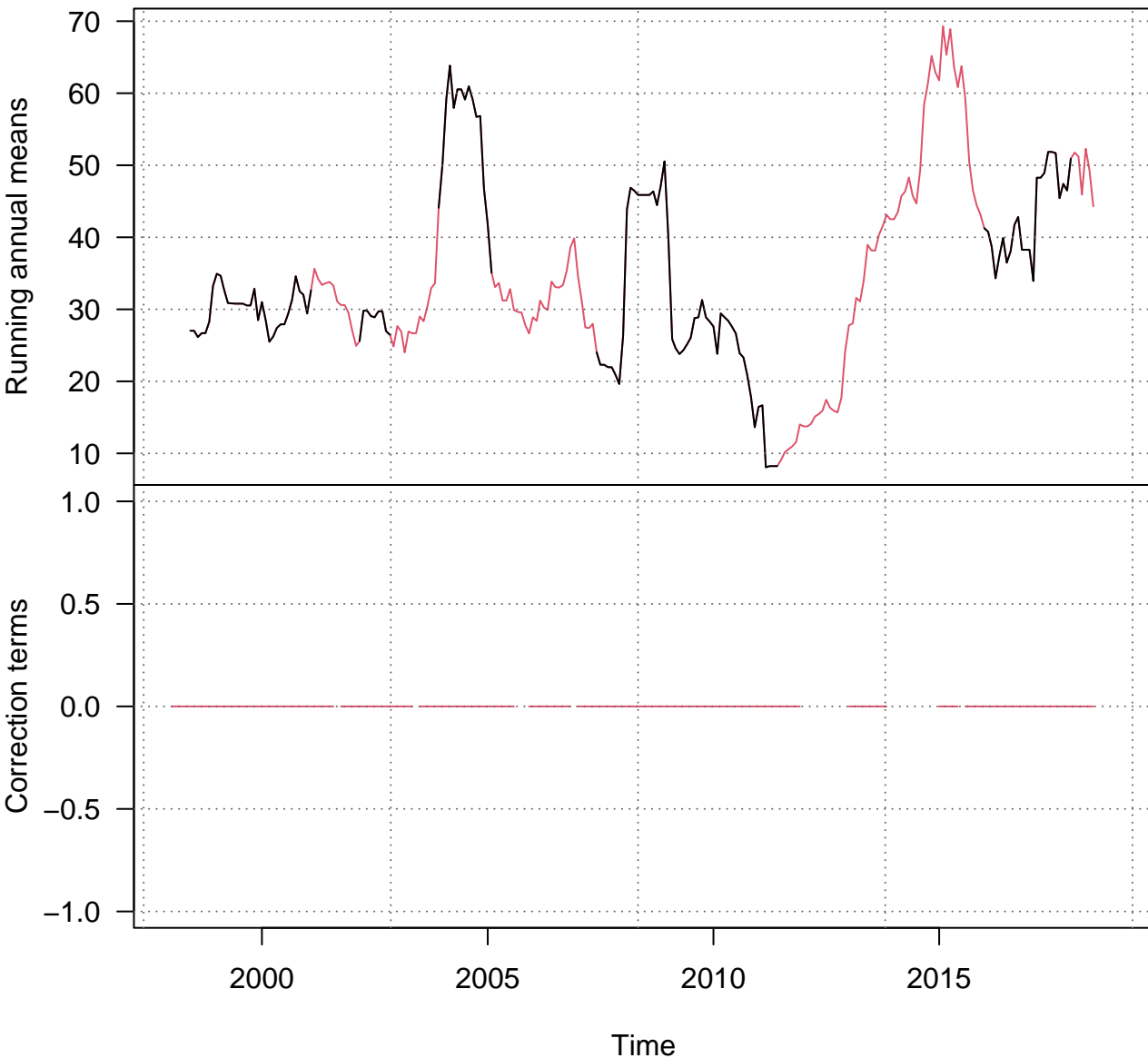
Rmon 75 (19137)
SAN JORGE



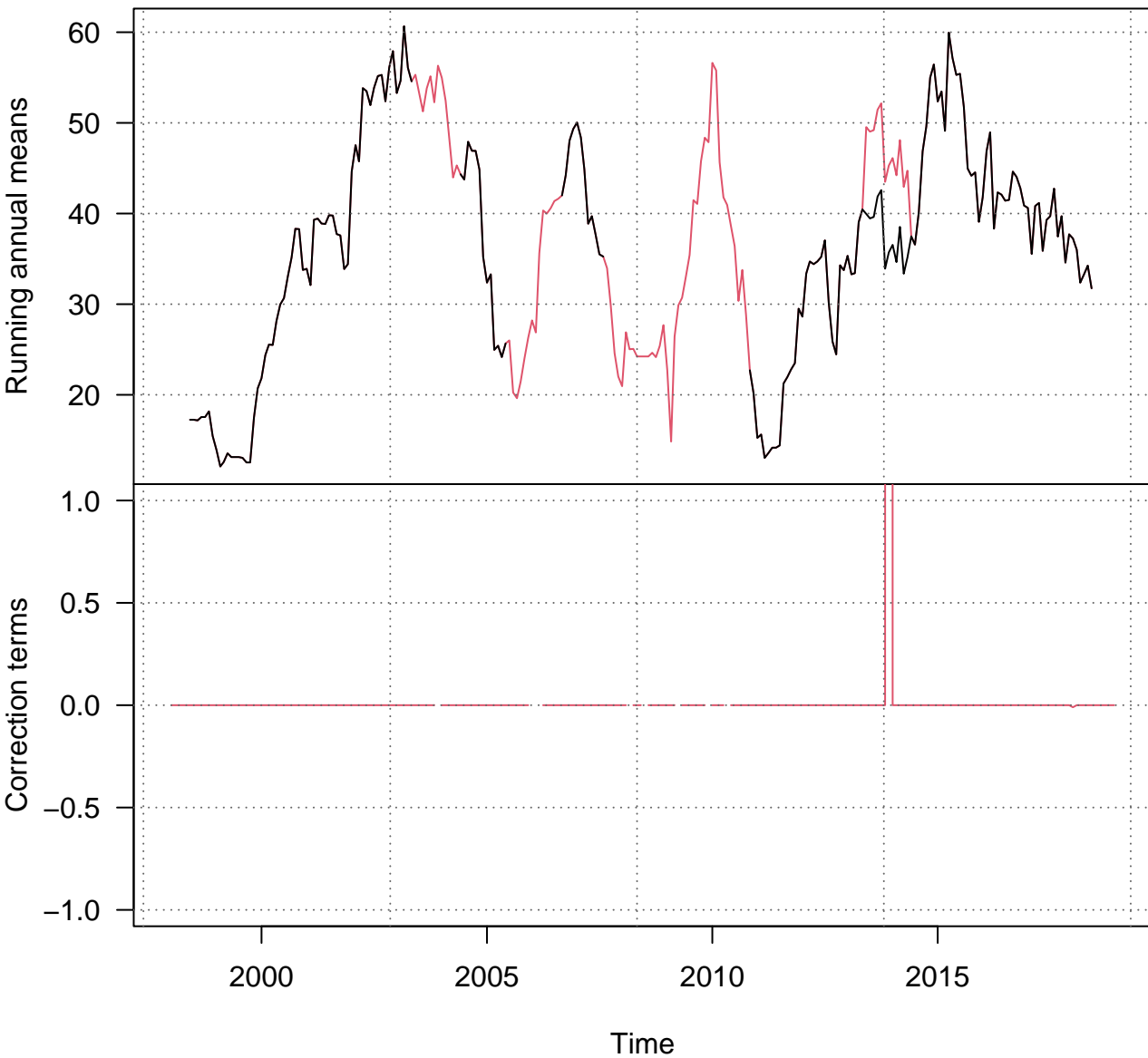
Rmon 76 (19050)
SAN JOSE DE RAICES



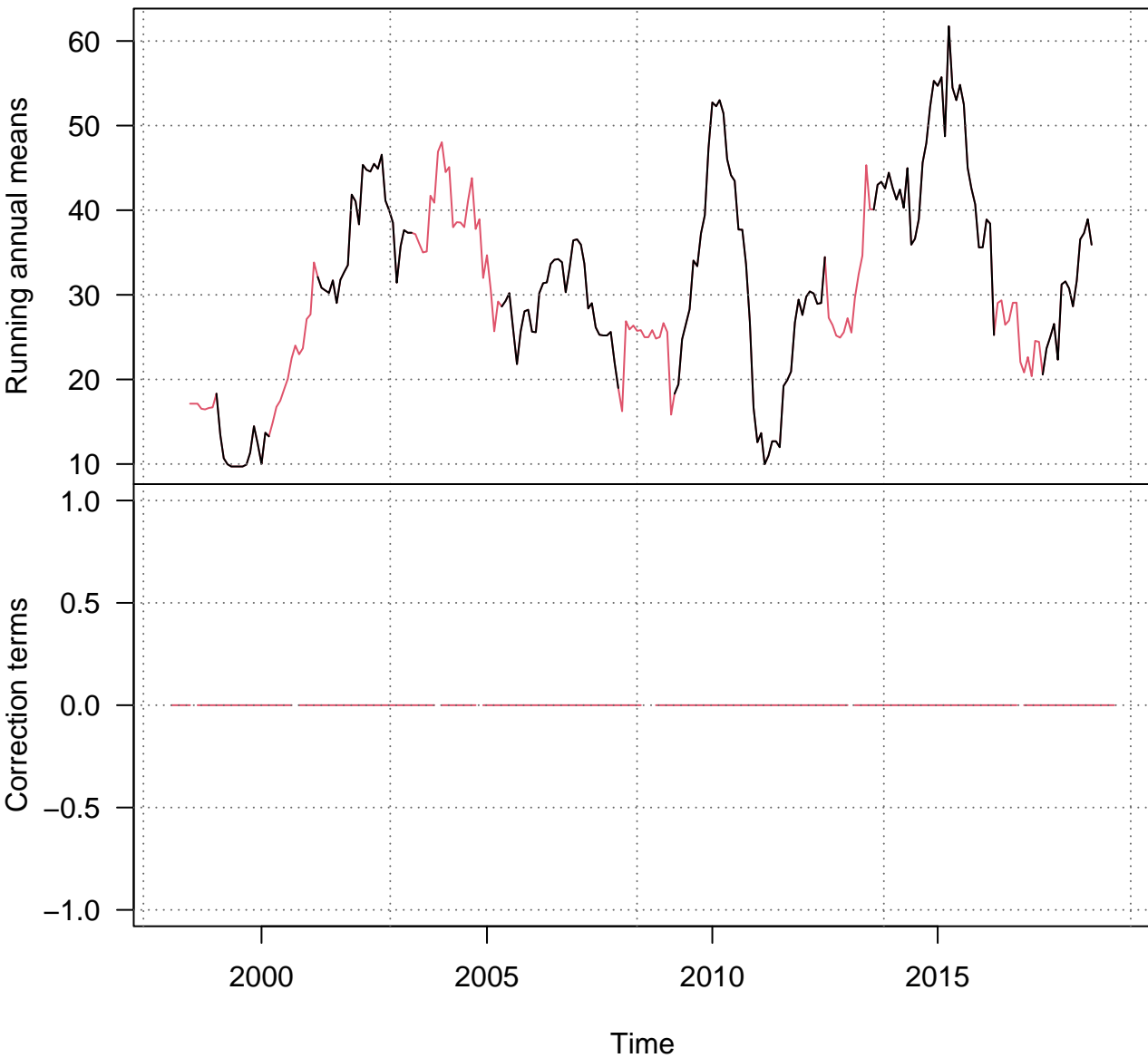
Rmon 77 (5145)
SAN JUAN DE LA VAQUERIA



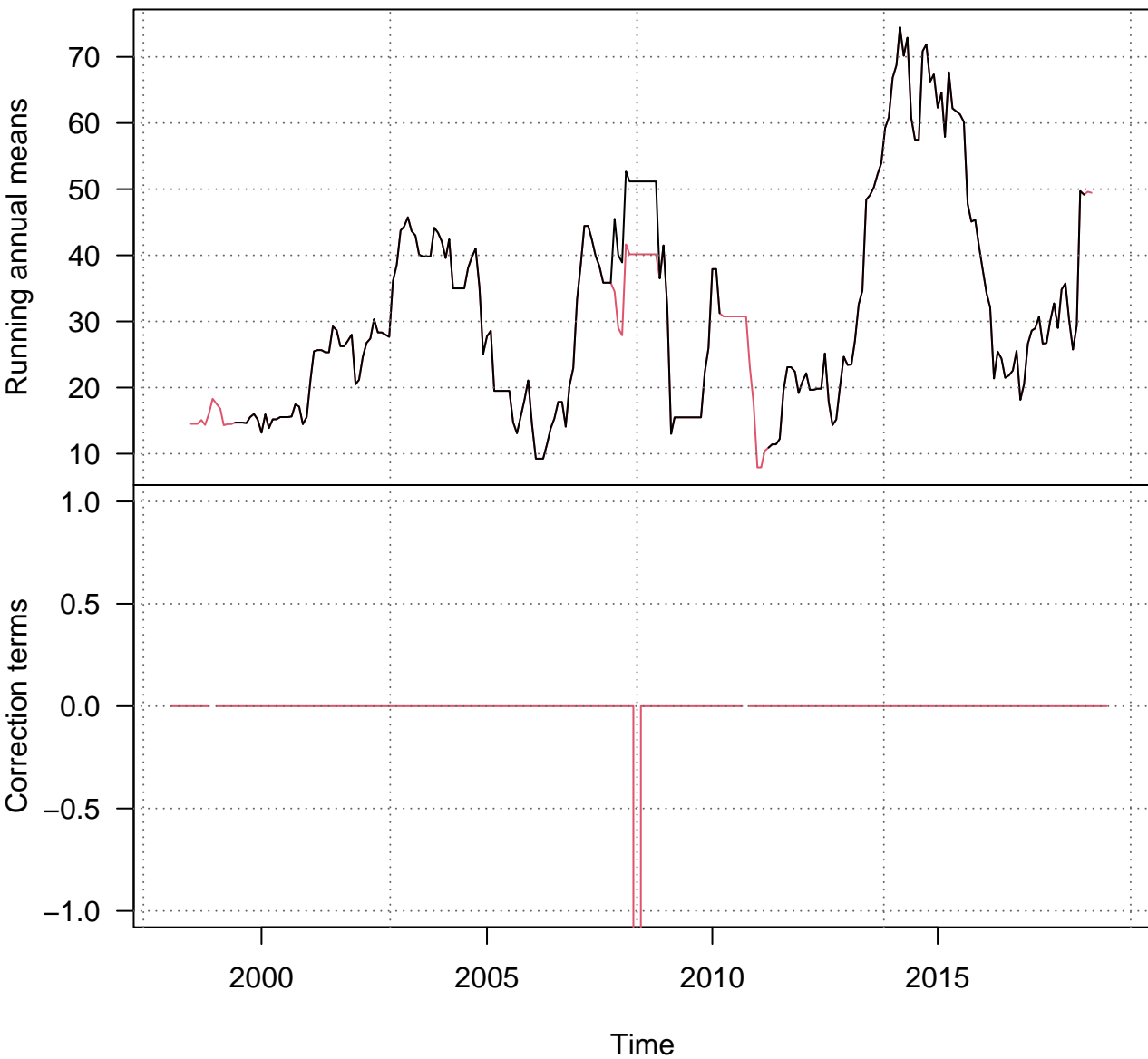
Rmon 78 (19057)
SAN RAFAEL



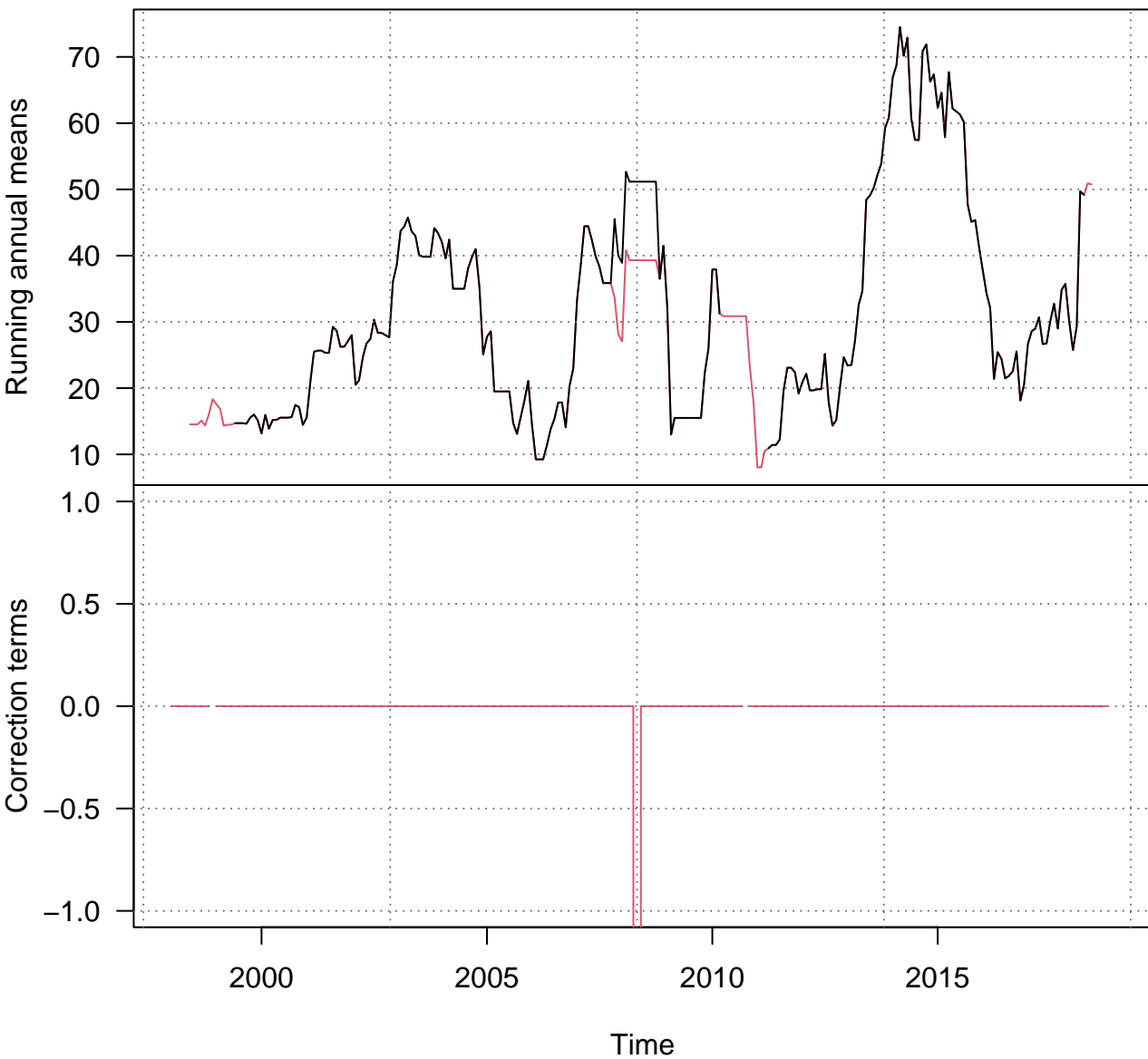
Rmon 79 (19182)
SAN ROBERTO



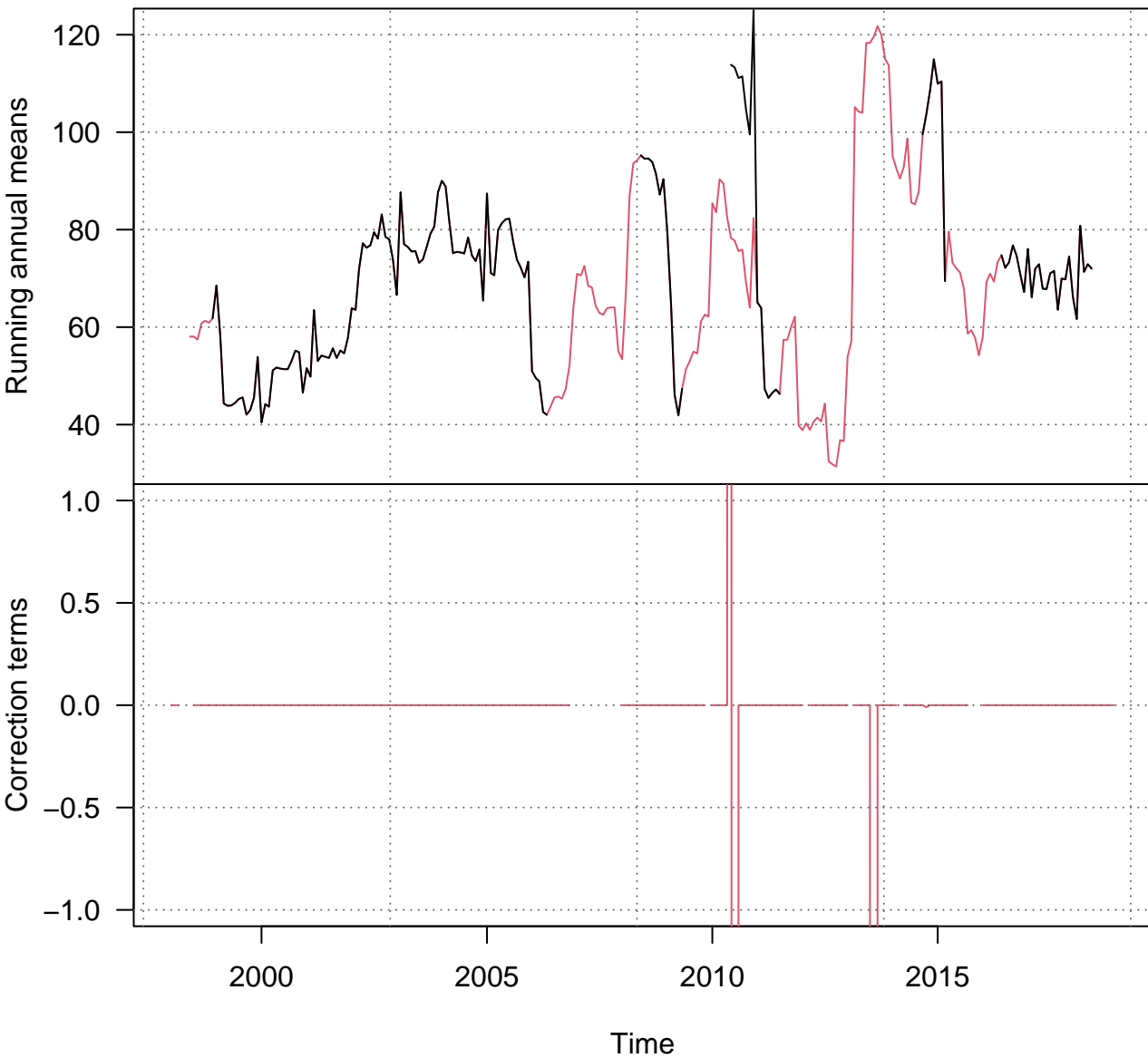
Rmon 80 (19138)
SANTA ANA



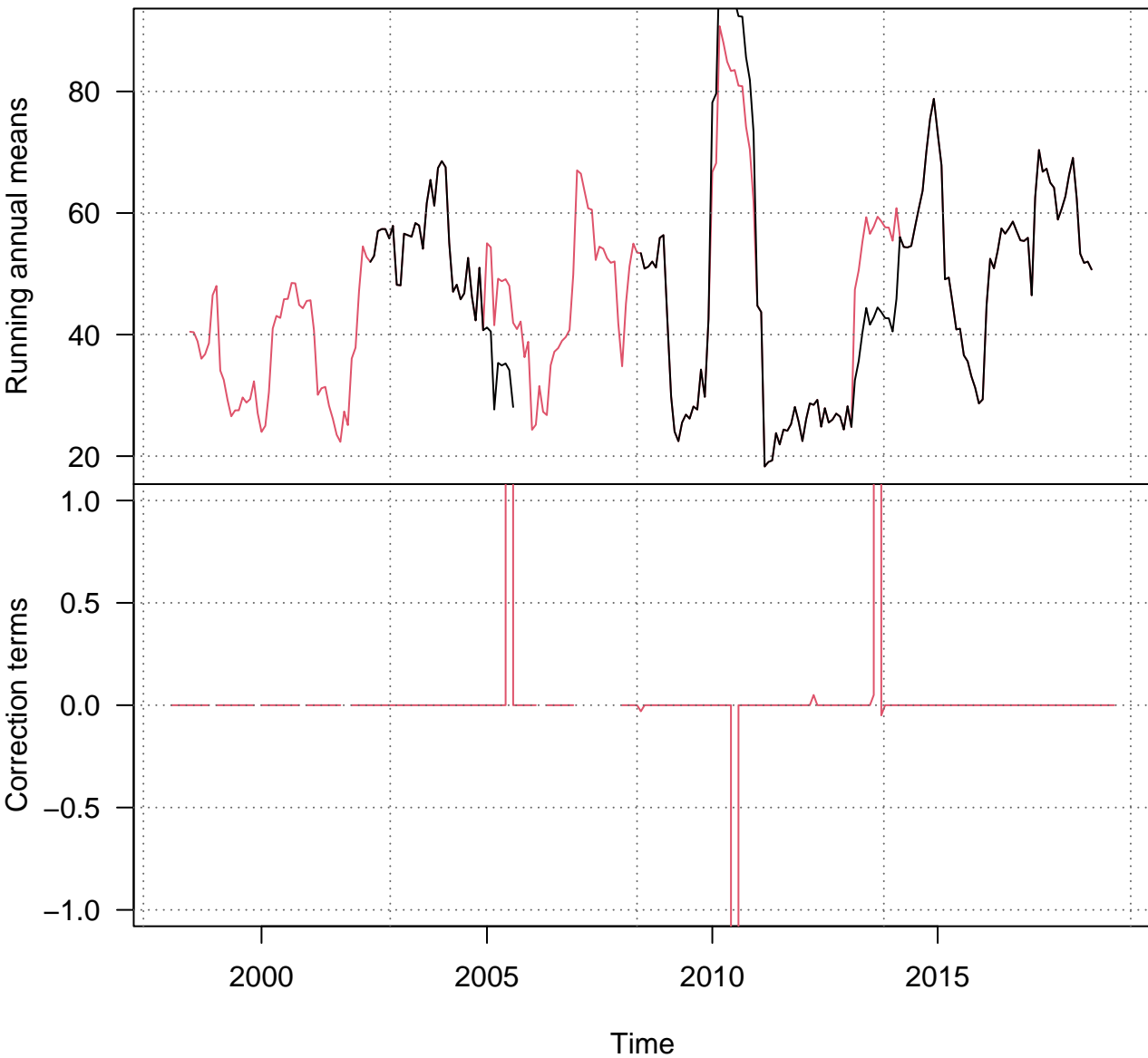
Rmon 81 (19059)
SANTA ROSA



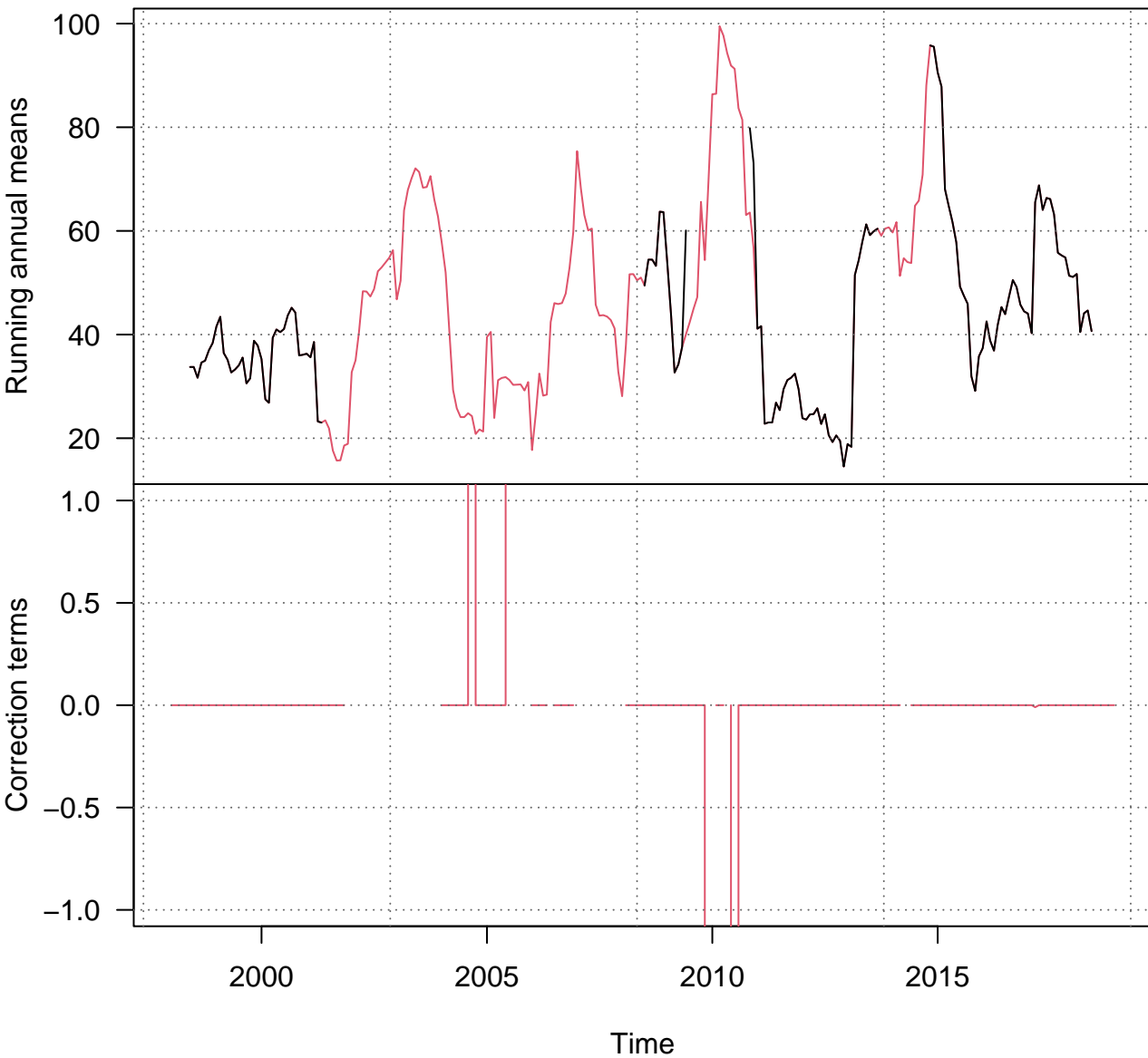
Rmon 82 (19193)
SANTA ROSA I



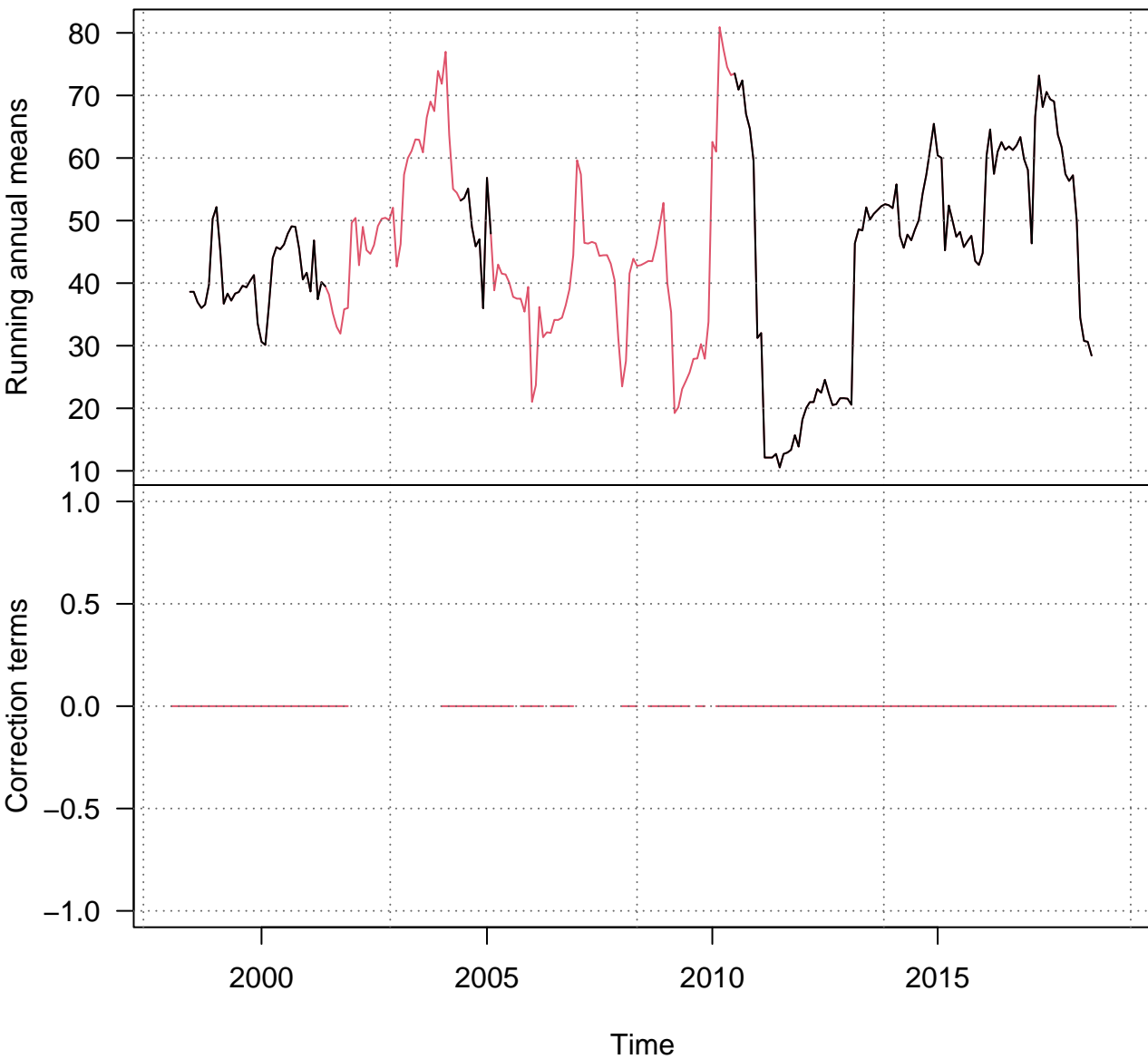
Rmon 83 (19178)
SIERRA MORENA



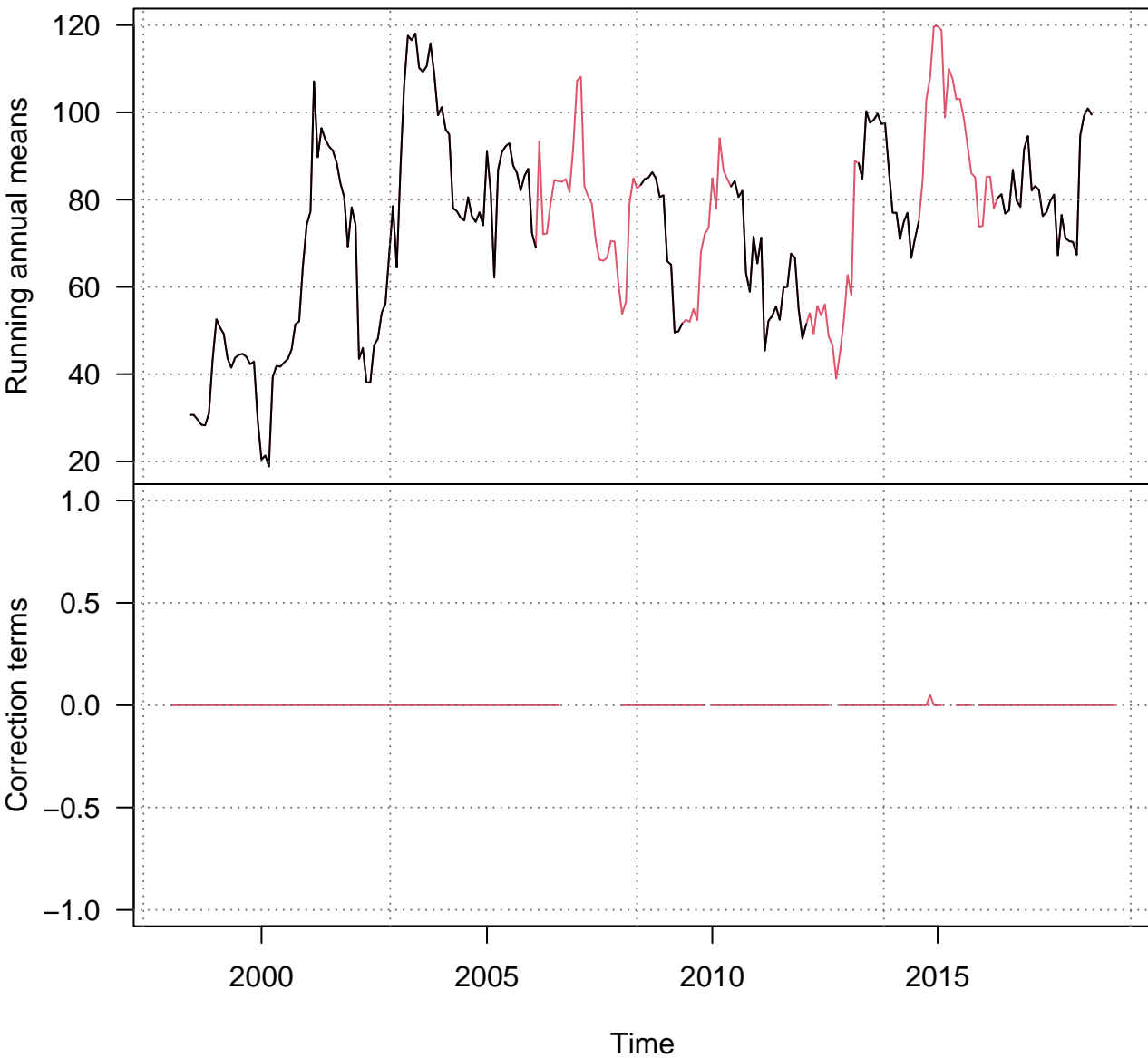
Rmon 84 (19063)
VALLECILLO (DGE)



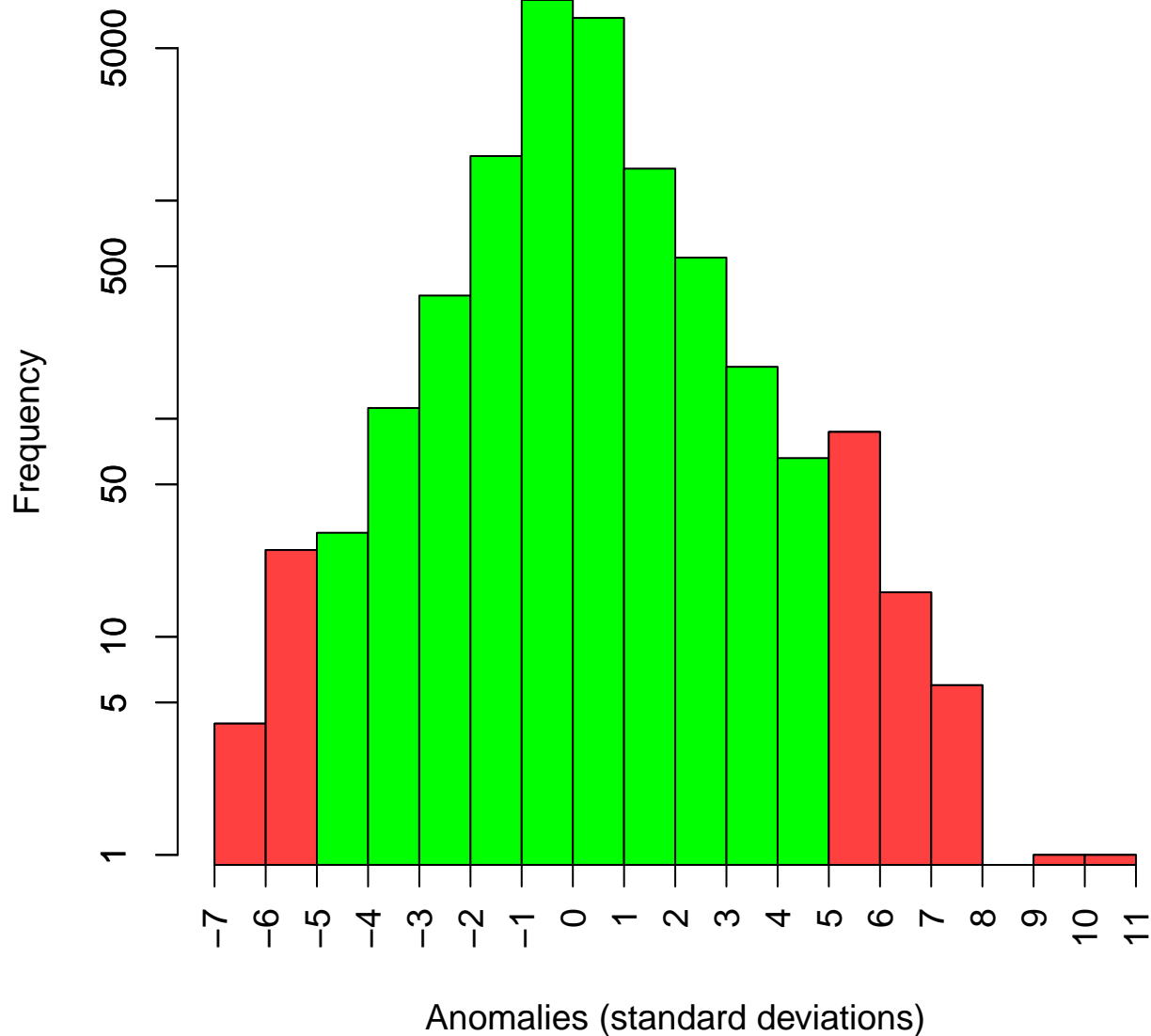
Rmon 85 (19141)
VILLALDAMA



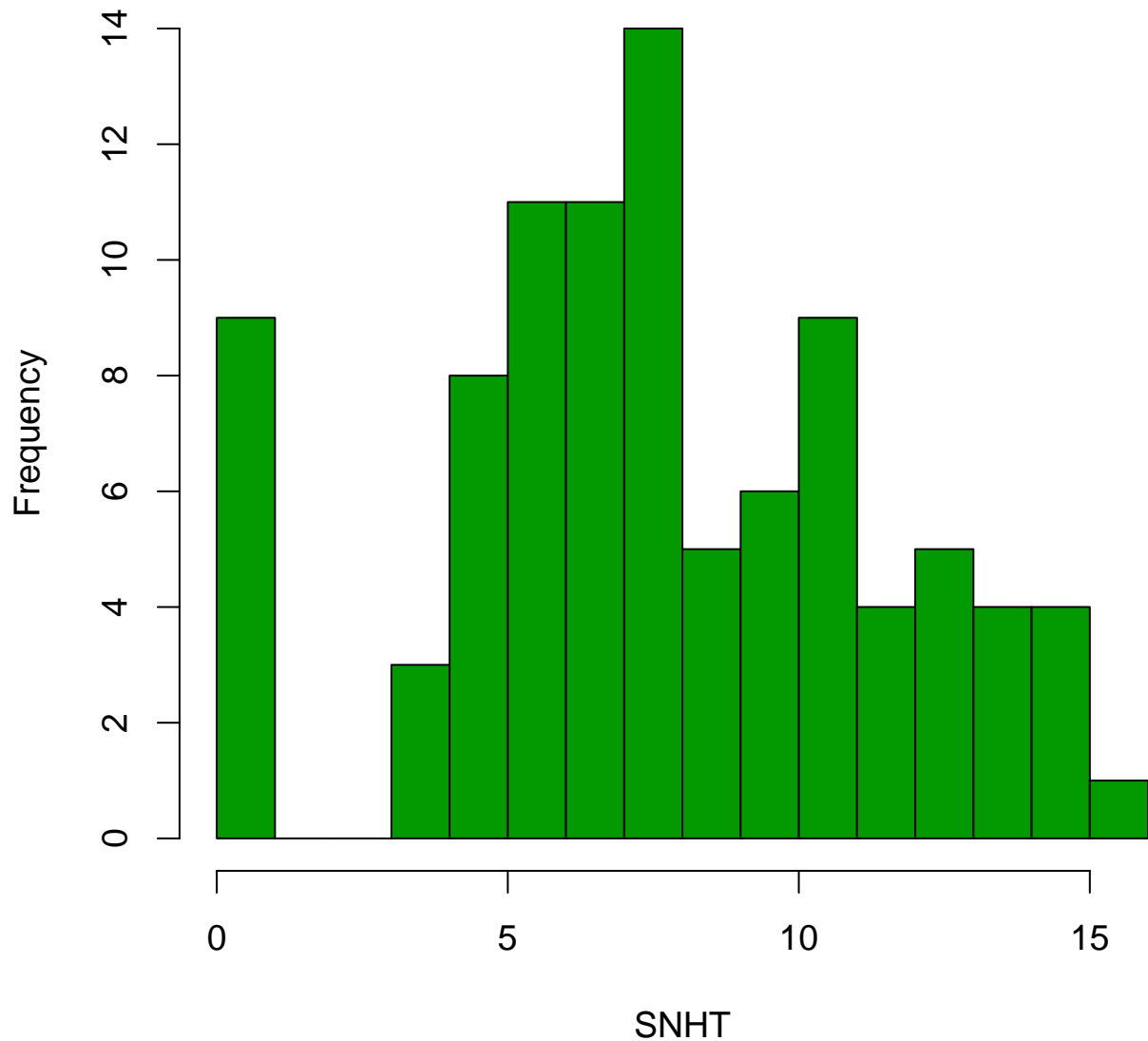
Rmon 86 (19162)
VISTA HERMOSA



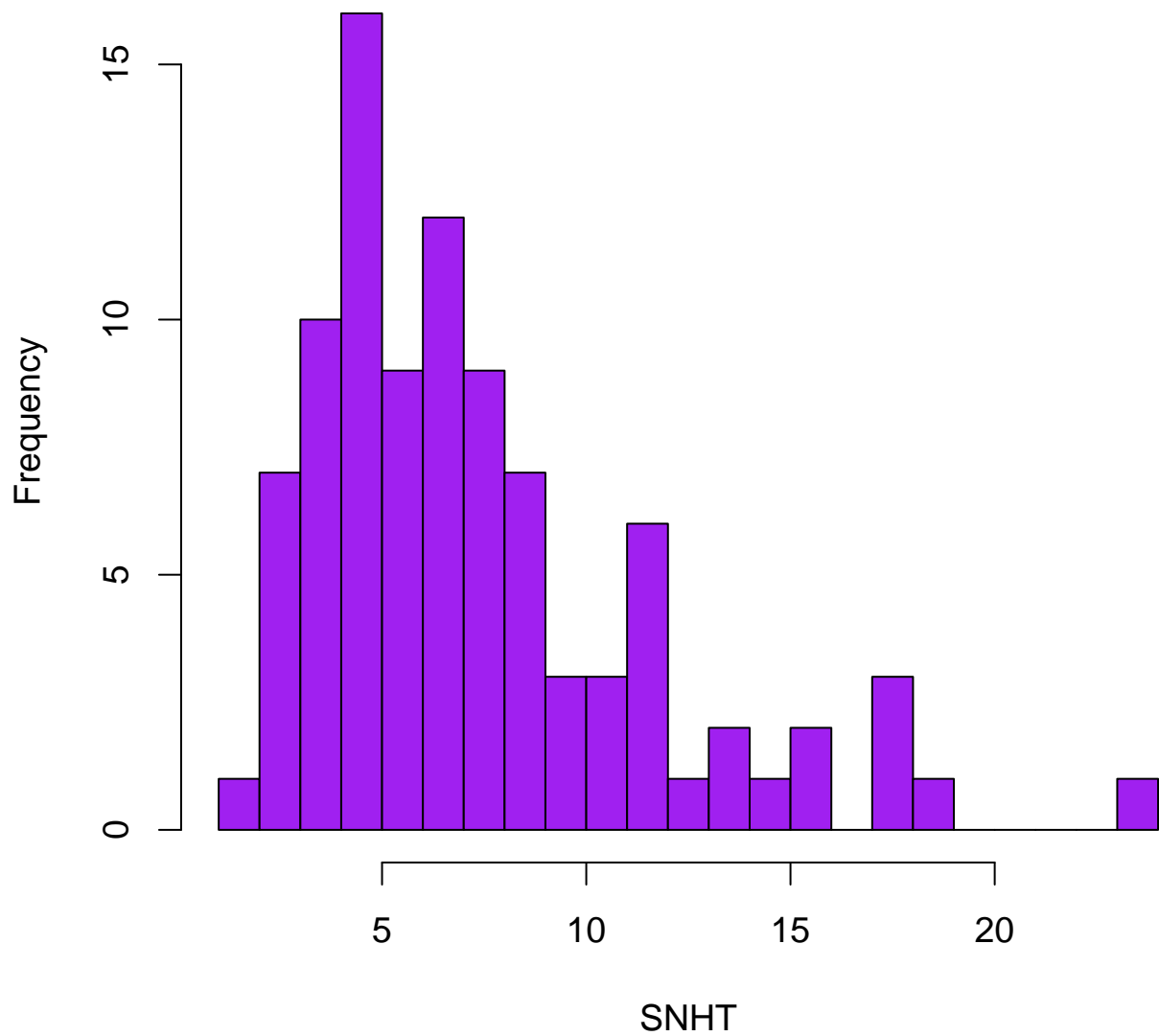
Histogram of normalized anomalies



Histogram of maximum windowed SNHT



Histogram of maximum global SNHT



Station's quality/singularity

