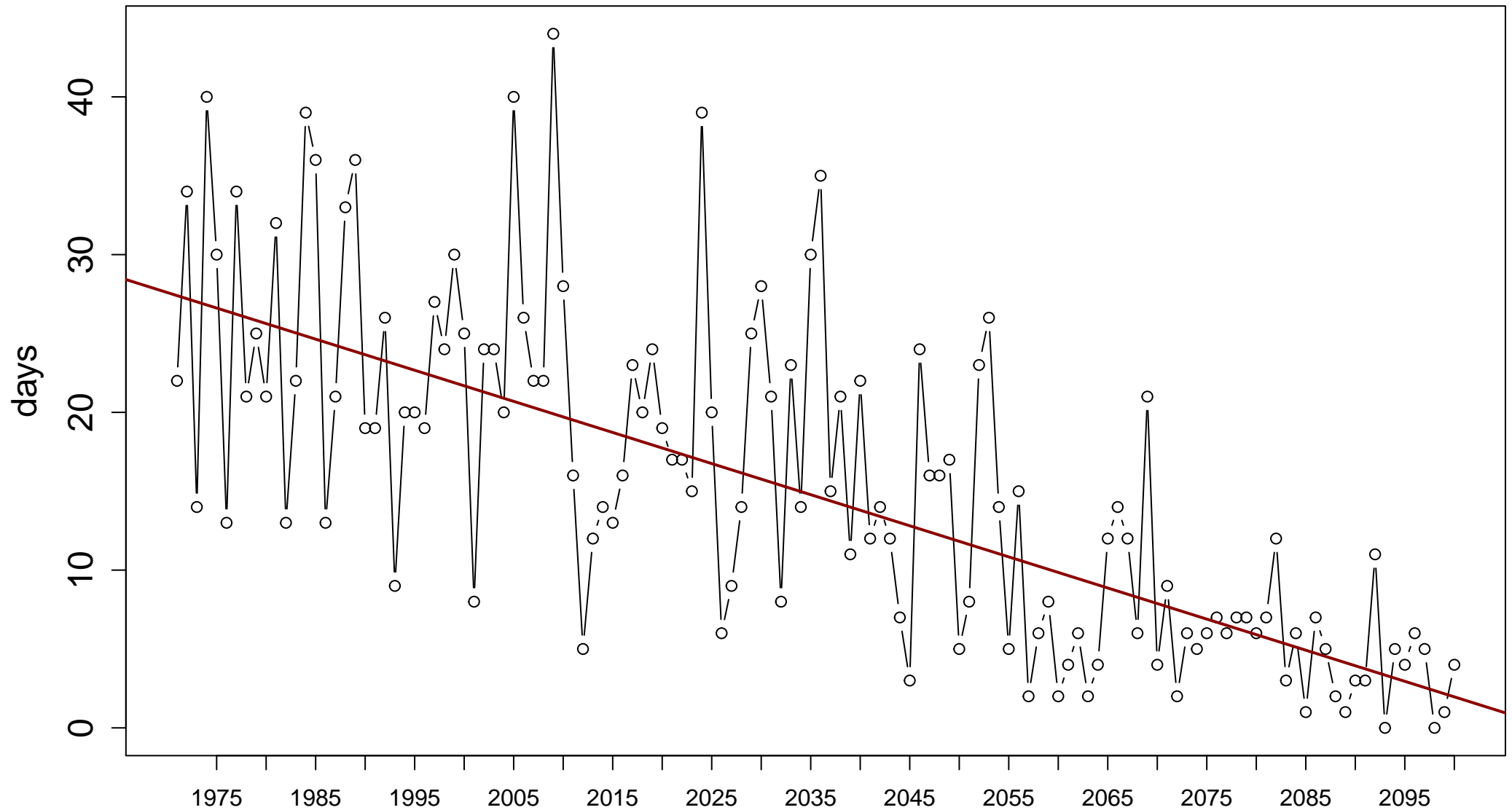# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]
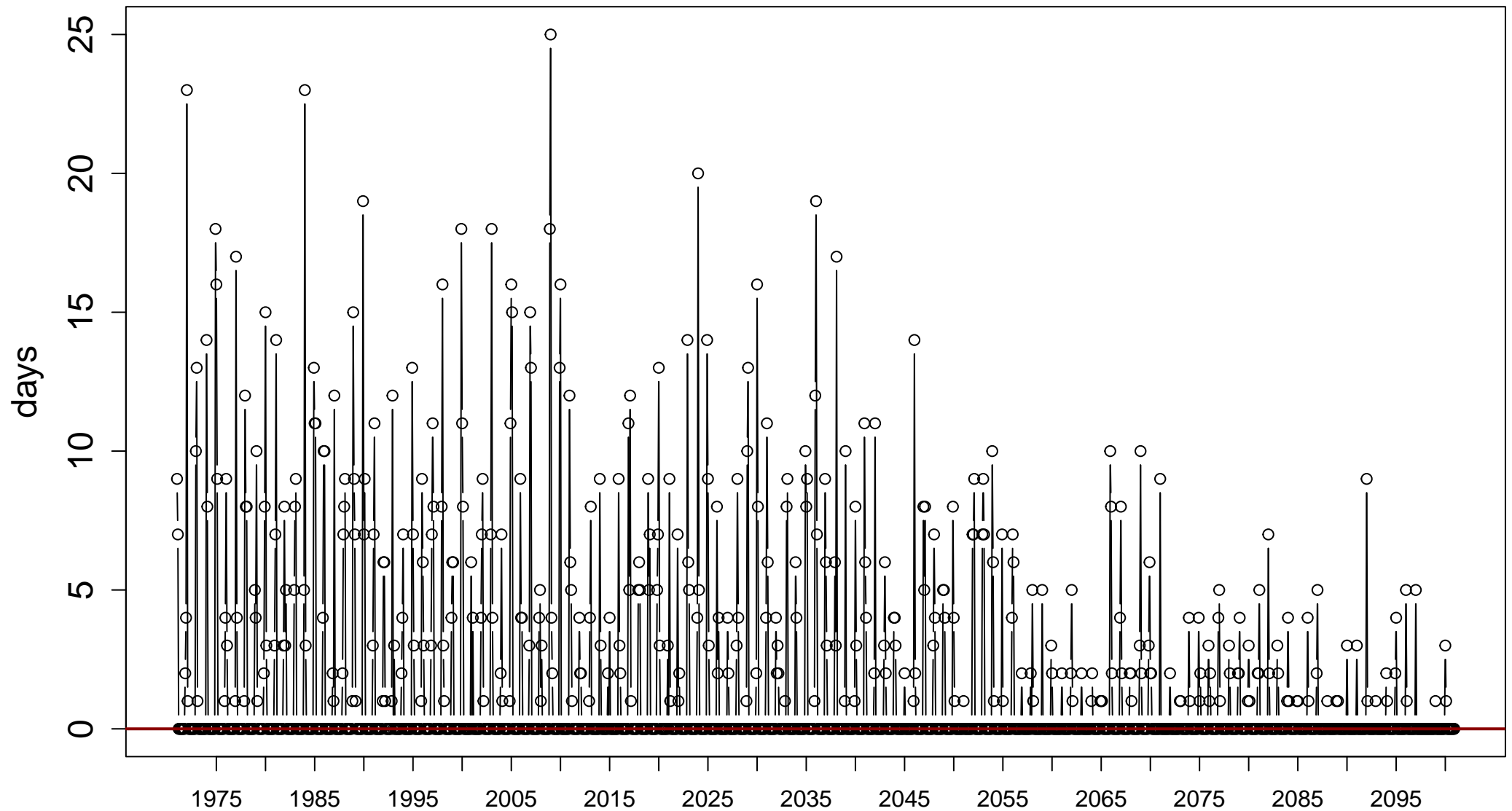
Index: fd. Annual number of days when TN < 0 degrees_C

Sen's slope = −0.197   lower bound = −0.23,   upper bound = −0.163,   p−value = 0

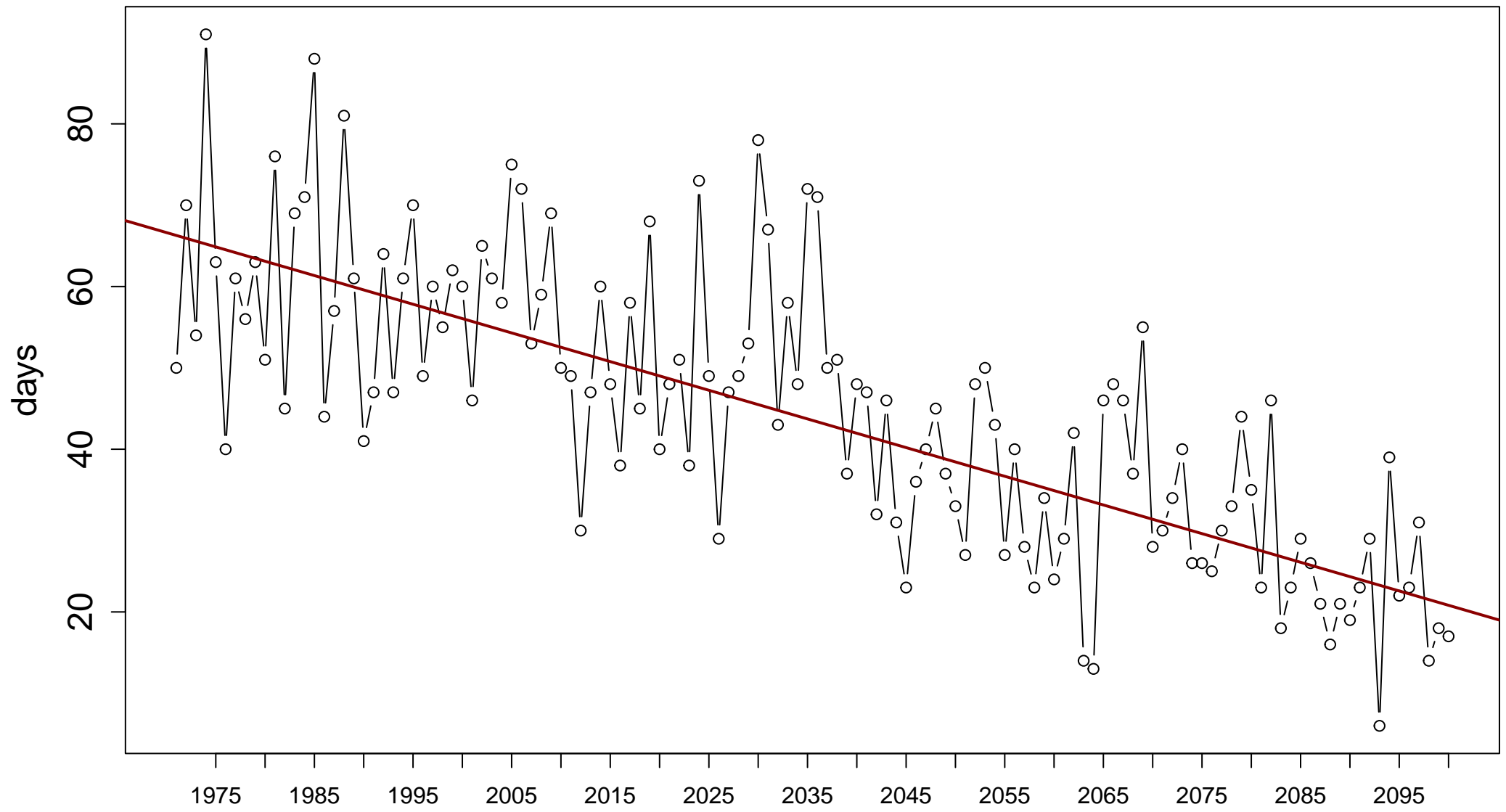# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: fd. Monthly number of days when TN < 0 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6
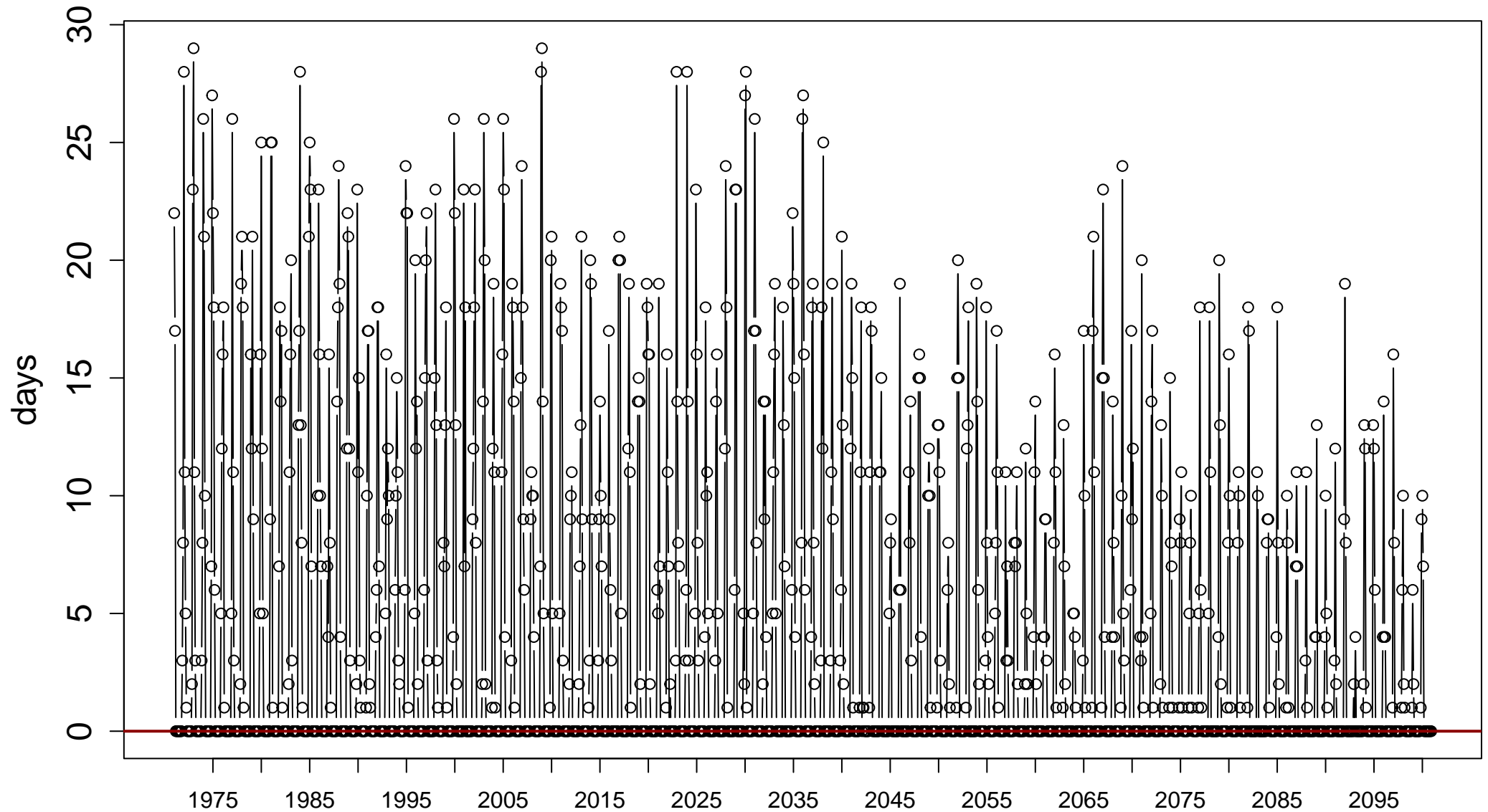
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnlt2. Annual number of days when TN < 2 degrees_C

Sen's slope = −0.352   lower bound = −0.404,   upper bound = −0.299,   p−value = 0

Climpact v 3.1.6
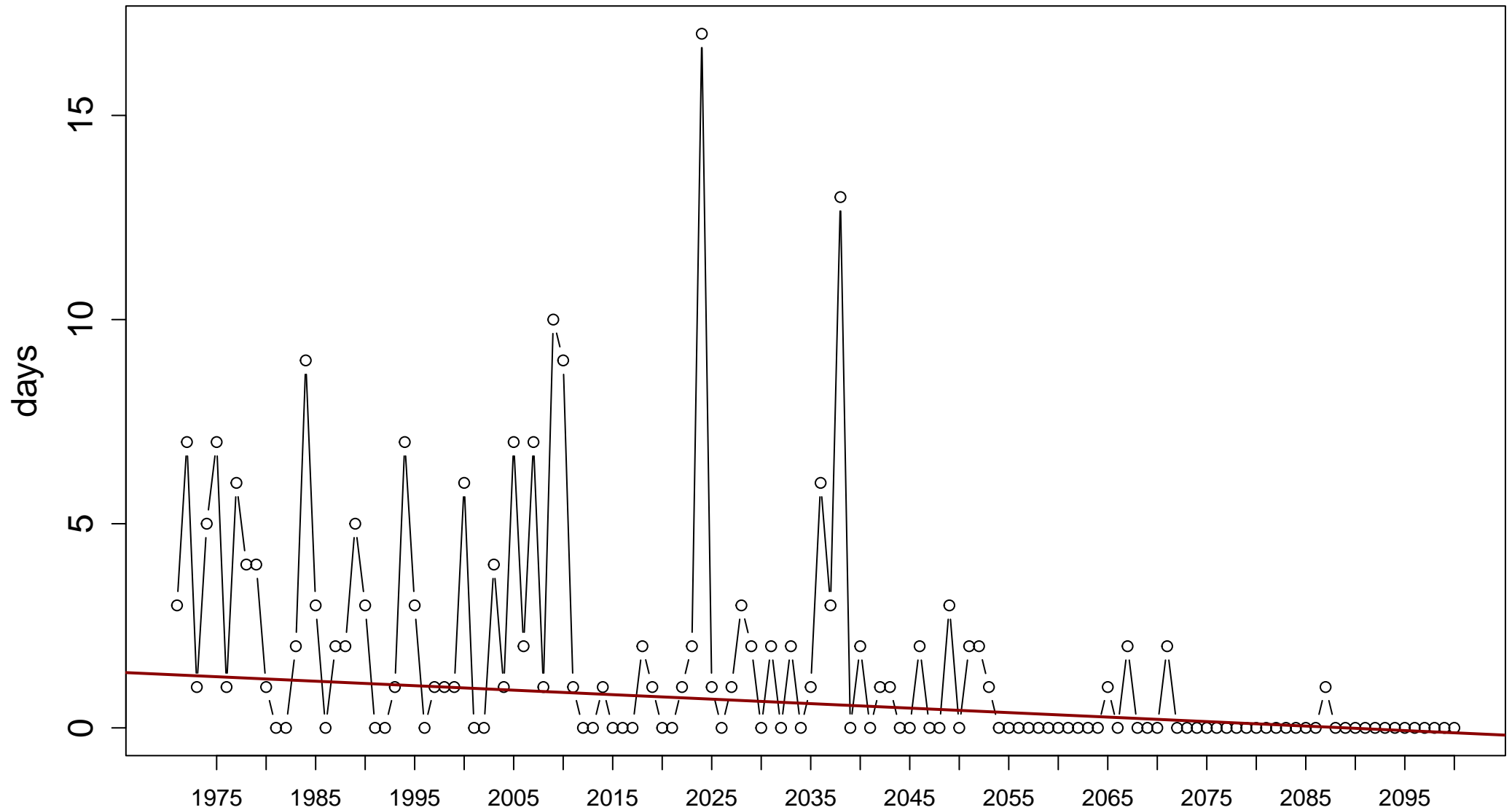
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnlt2. Monthly number of days when TN < 2 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnltm2. Annual number of days when TN < −2 degrees_C

Sen's slope = −0.011   lower bound = −0.018,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnltm2. Monthly number of days when TN < −2 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnltm20. Annual number of days when TN < −20 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 1
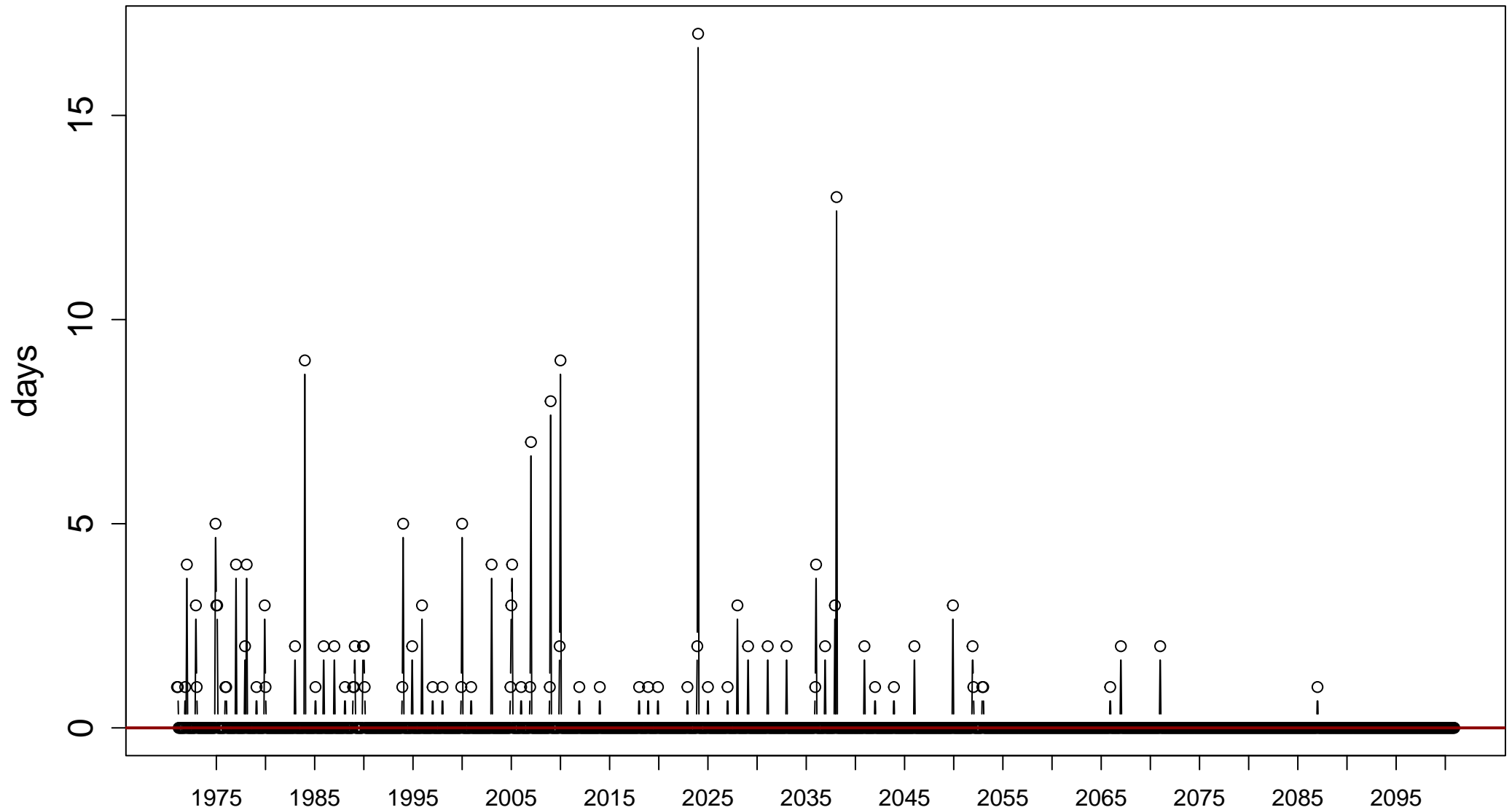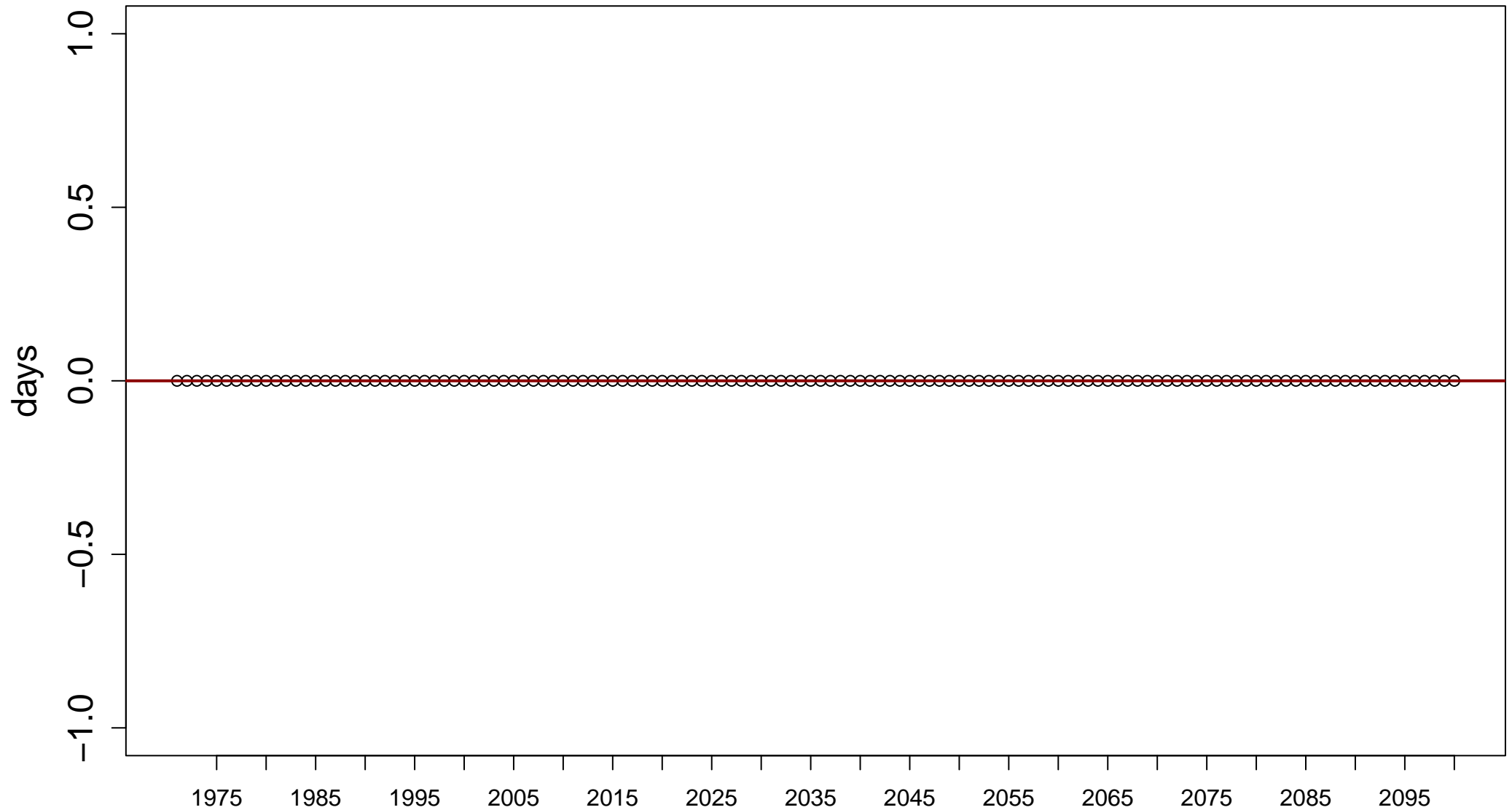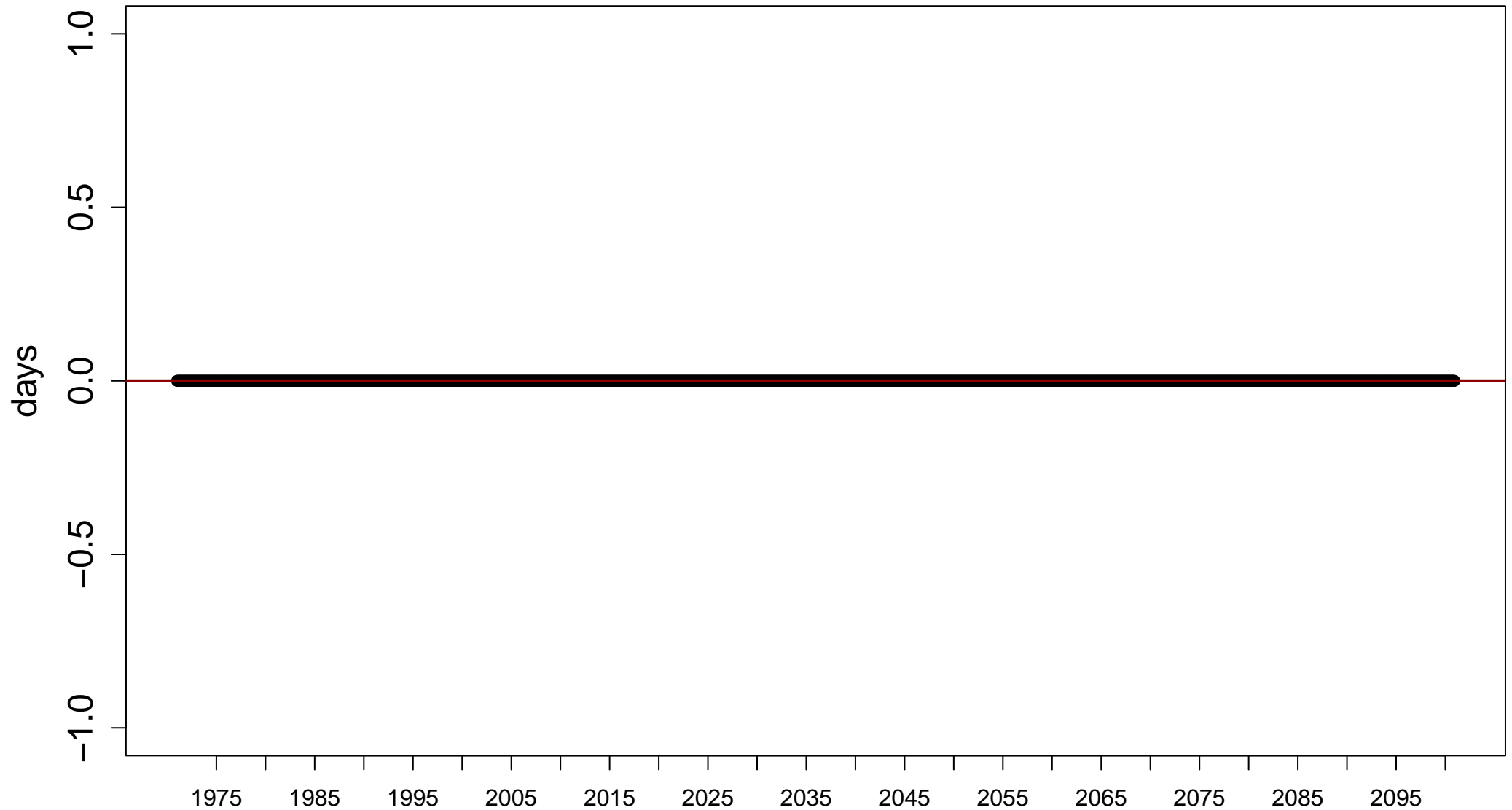
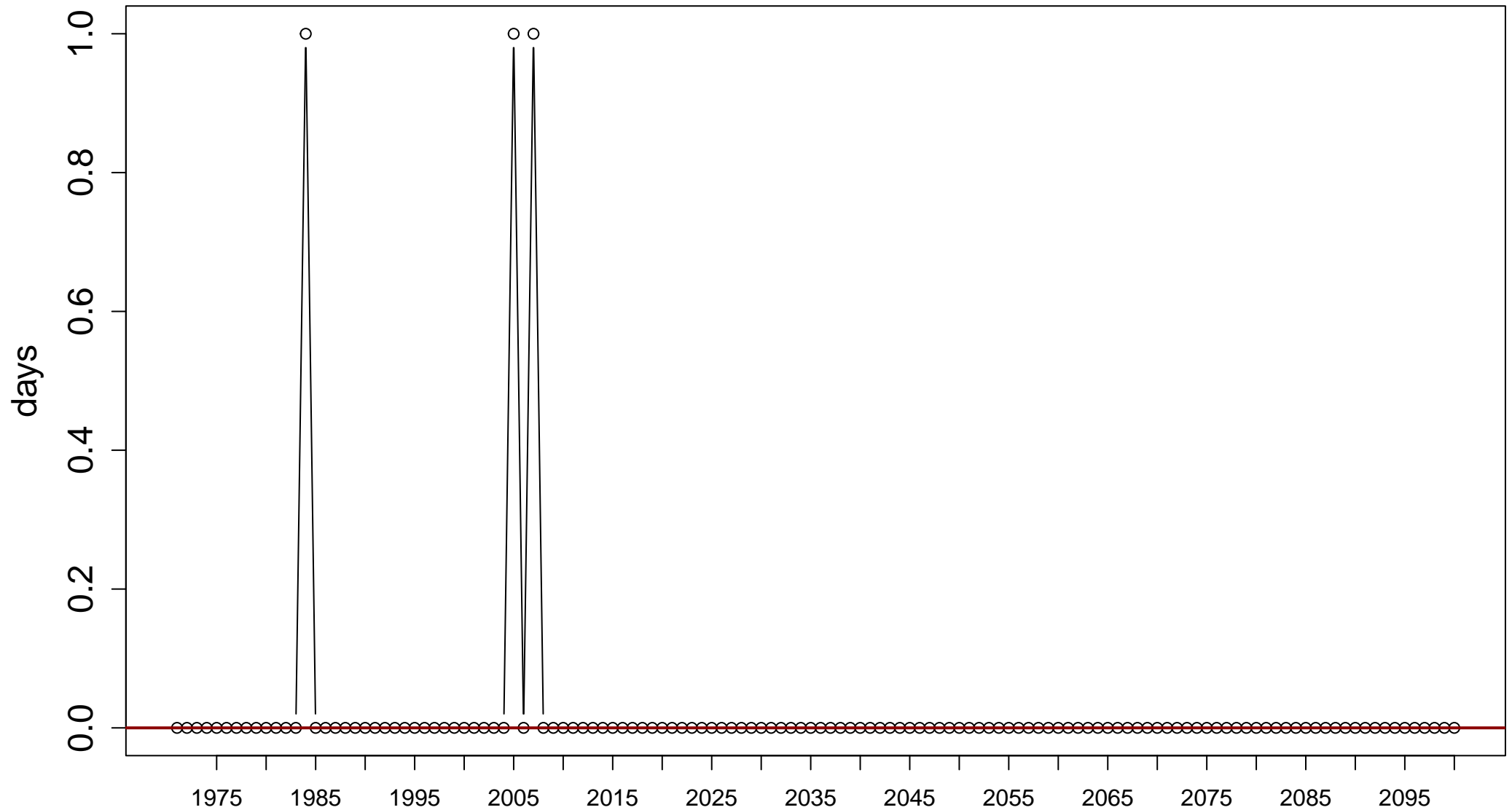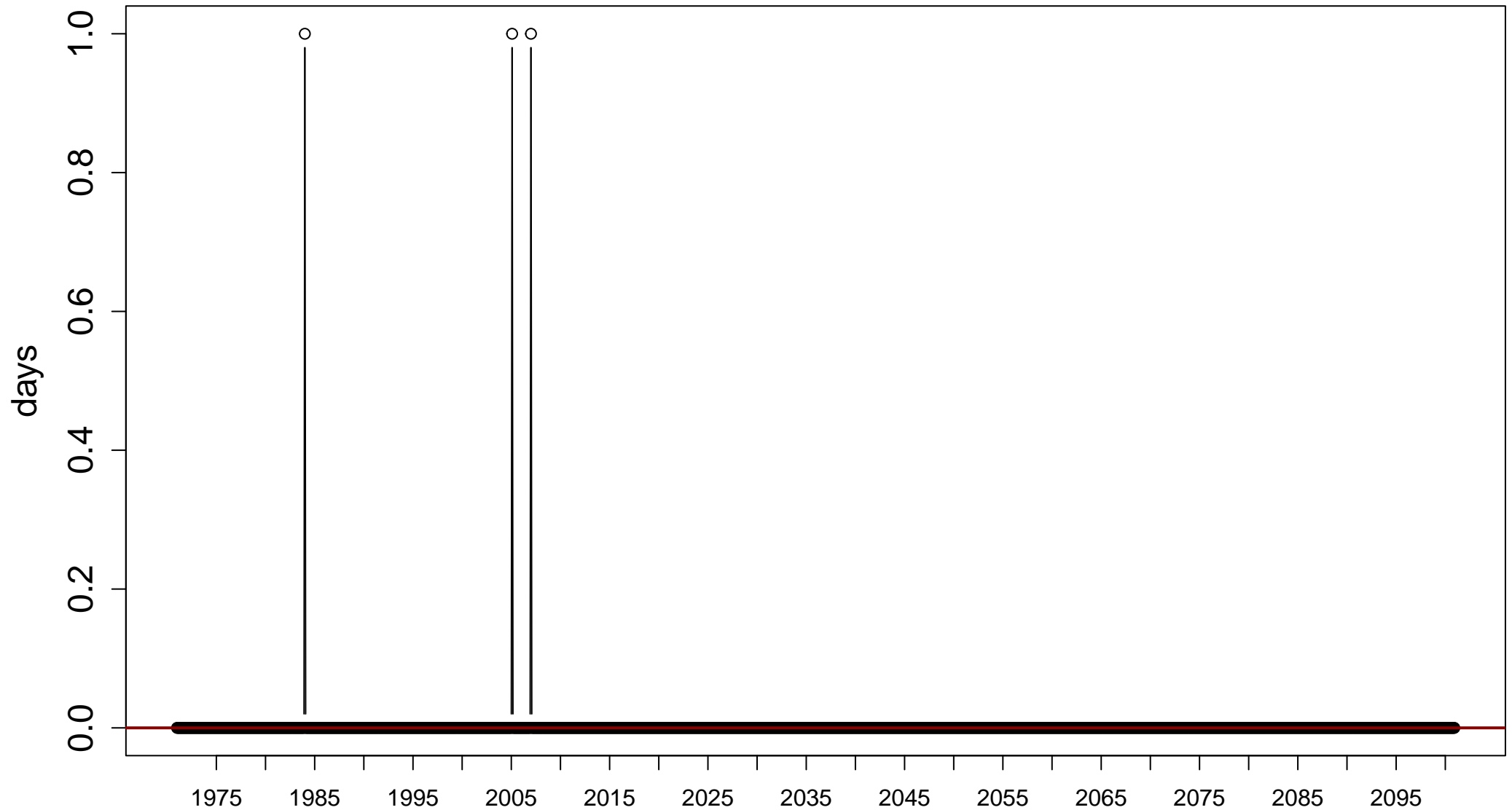# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnltm20. Monthly number of days when TN < −20 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 1

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: id. Annual number of days when TX < 0 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.088

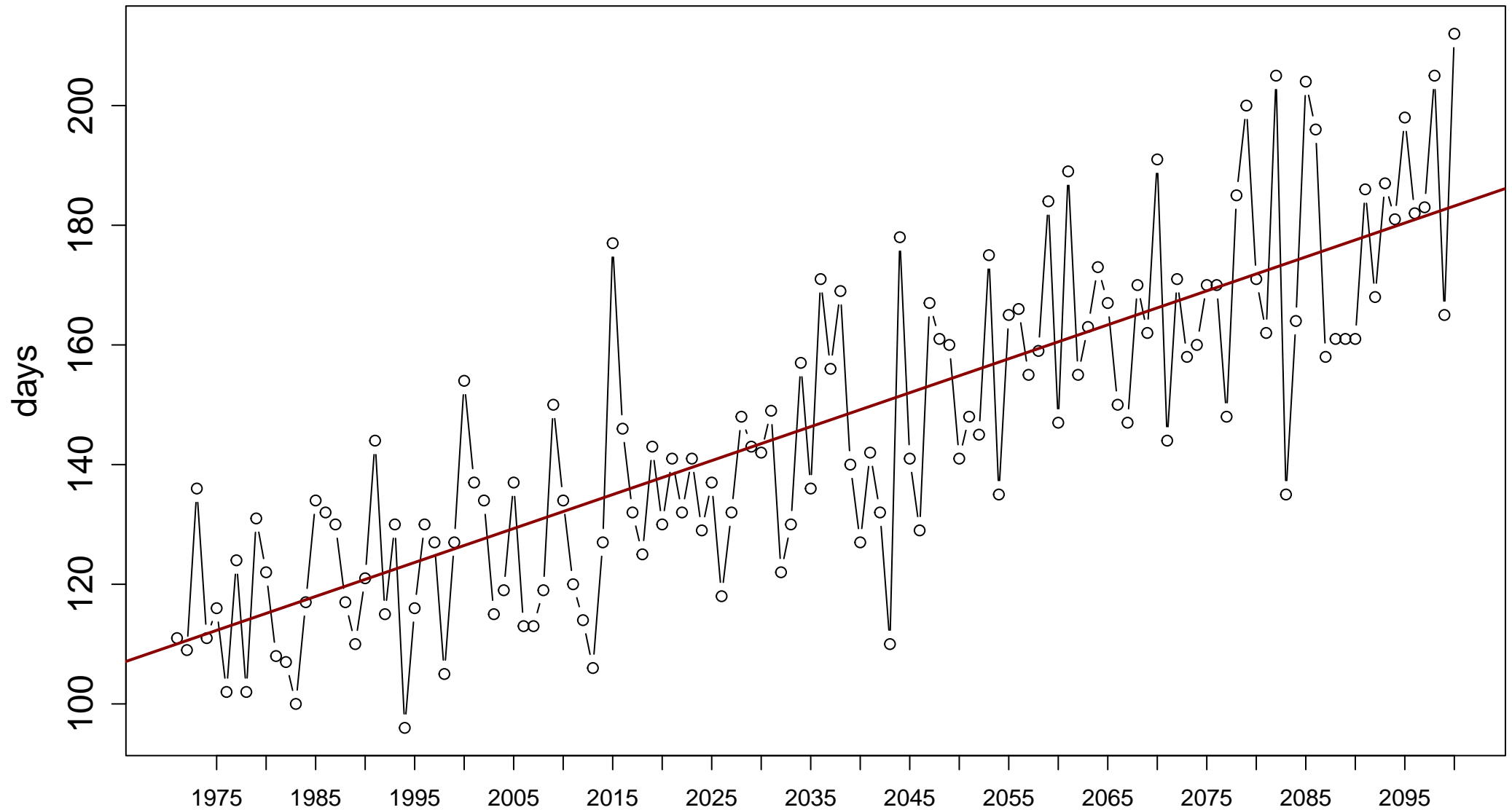Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: id. Monthly number of days when TX < 0 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.085

Climpact v 3.1.6
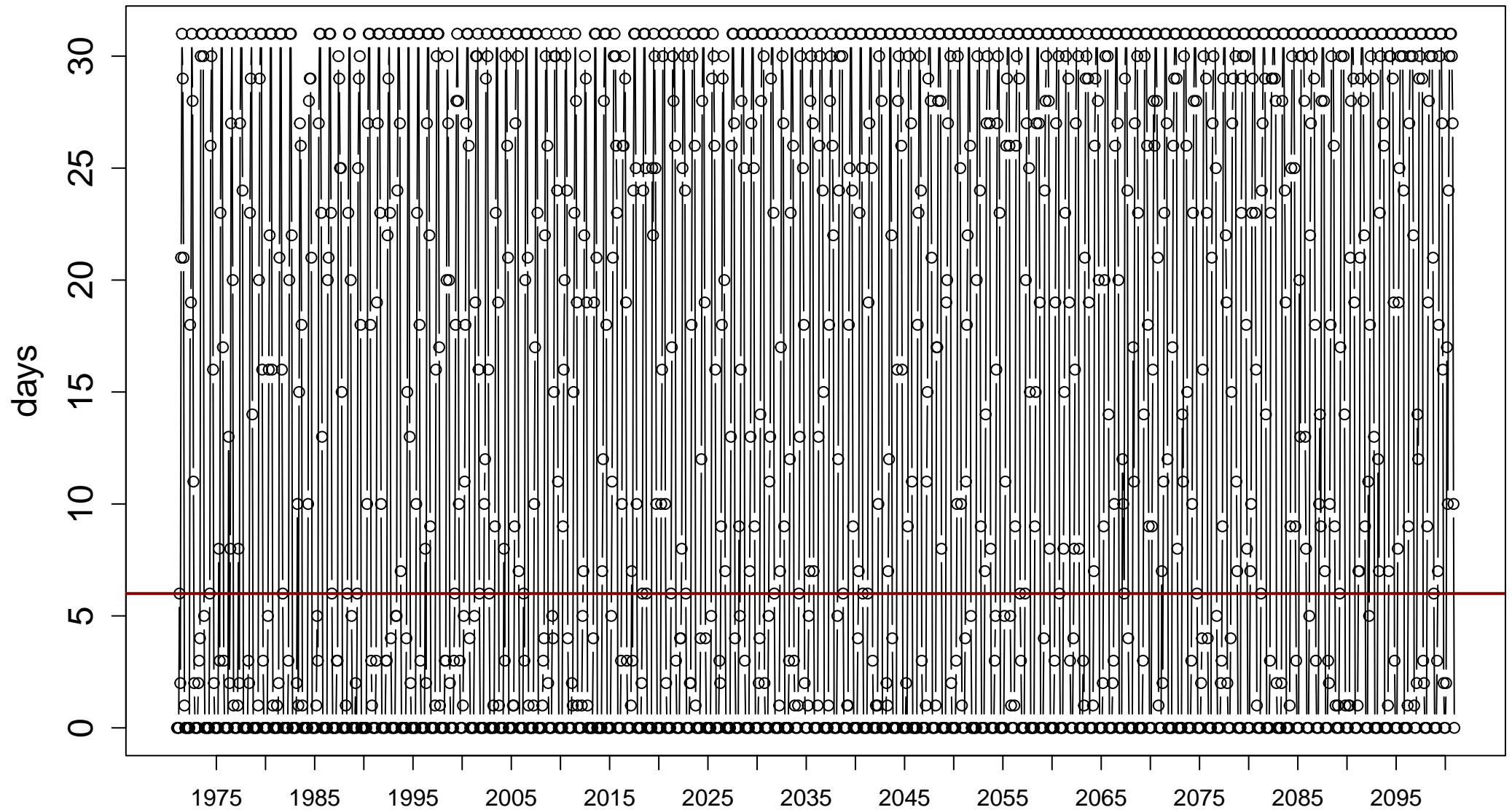
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: su. Annual number of days when TX > 25 degrees_C

Sen's slope = 0.567   lower bound = 0.5,   upper bound = 0.642,   p−value = 0

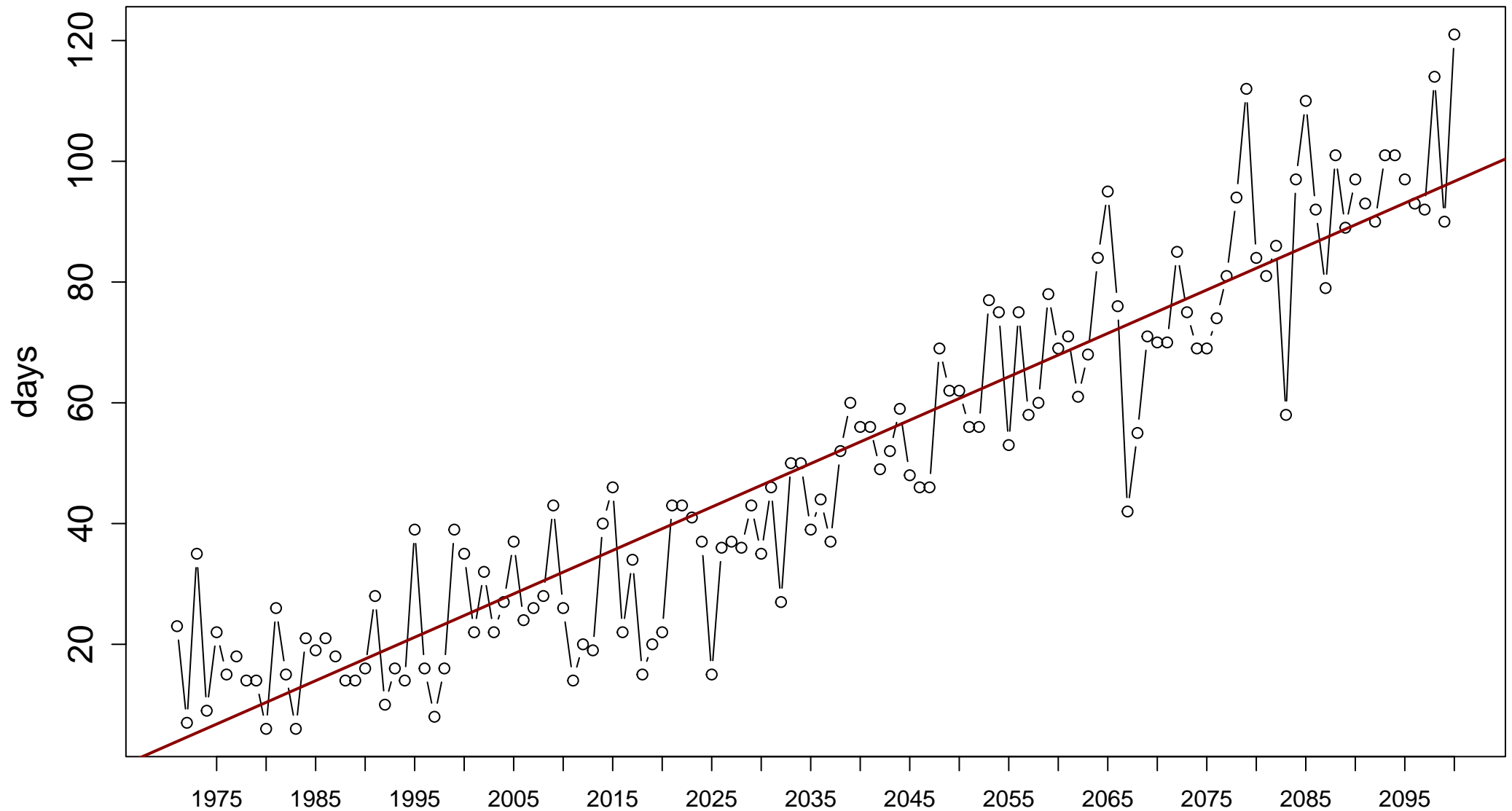Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: su. Monthly number of days when TX > 25 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6
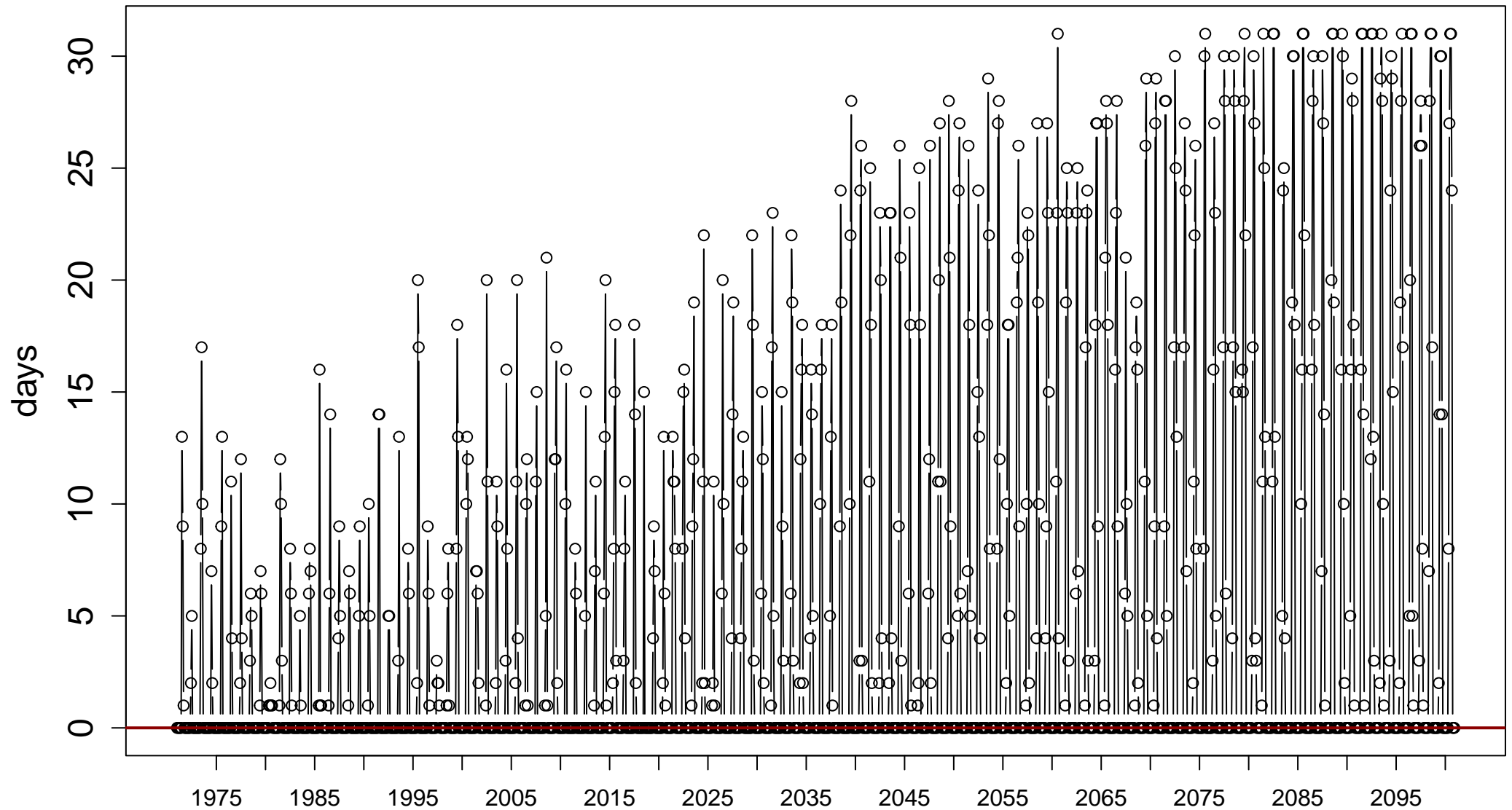
Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: tr. Annual number of days when TN > 20 degrees_C

Sen's slope = 0.719   lower bound = 0.667,   upper bound = 0.772,   p–value = 0

Climpact v 3.1.6
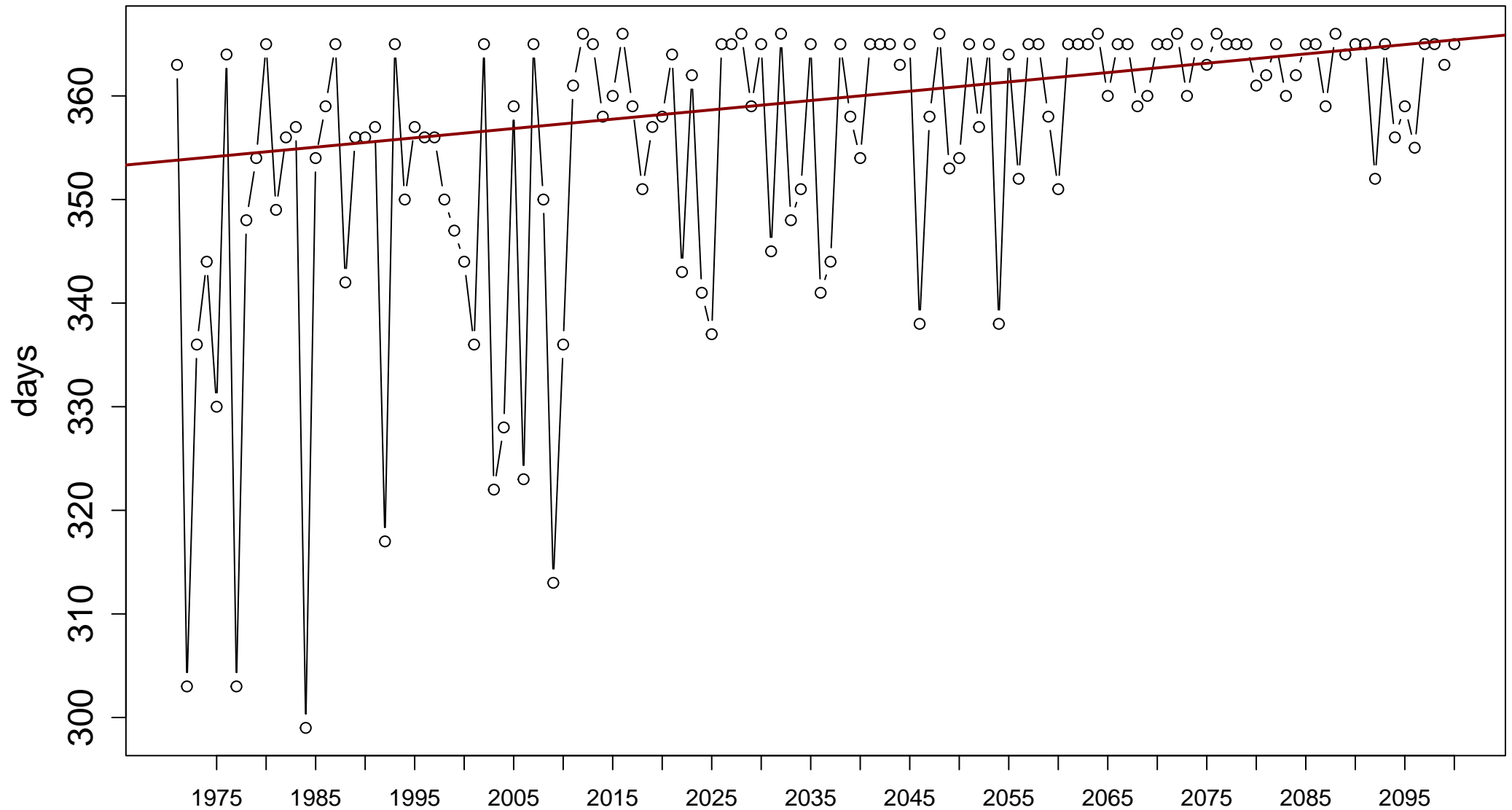
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tr. Monthly number of days when TN > 20 degrees_C

days

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

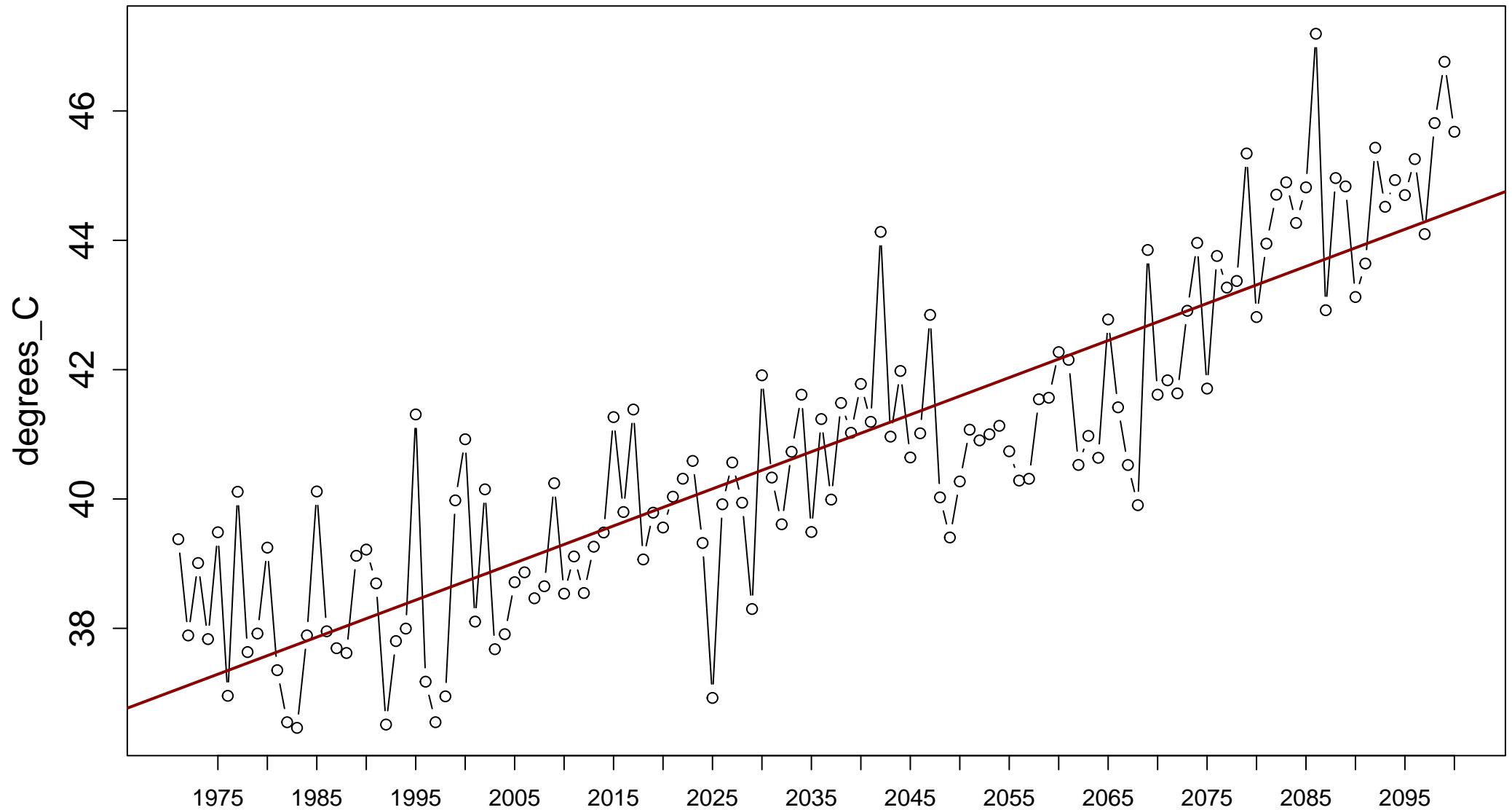**Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]**

Index: gsl. Annual number of days between the first occurrence of 6 consecutive days with TM > 5 degrees_C and the first occurrence of 6 consecutive days with TM < 5 degrees_C

Sen's slope = 0.09   lower bound = 0.043,   upper bound = 0.133,   p–value = 0

Climpact v 3.1.6

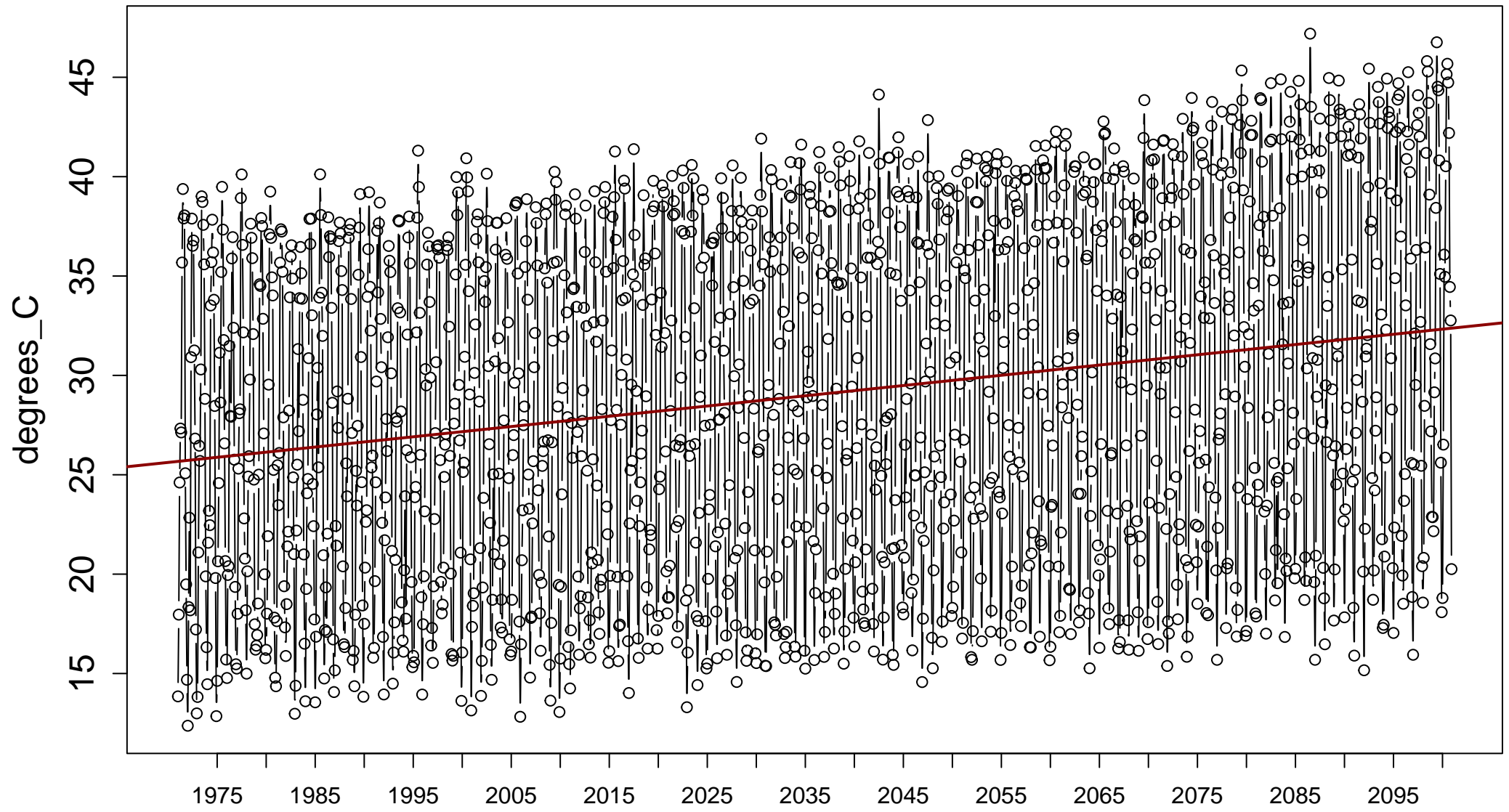# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: txx. Annual warmest daily TX

Sen's slope = 0.057   lower bound = 0.051,   upper bound = 0.064,   p–value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: txx. Monthly warmest daily TX

degrees_C

Sen's slope = 0.004   lower bound = 0.003,   upper bound = 0.005,   p–value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: tnn. Annual coldest daily TN
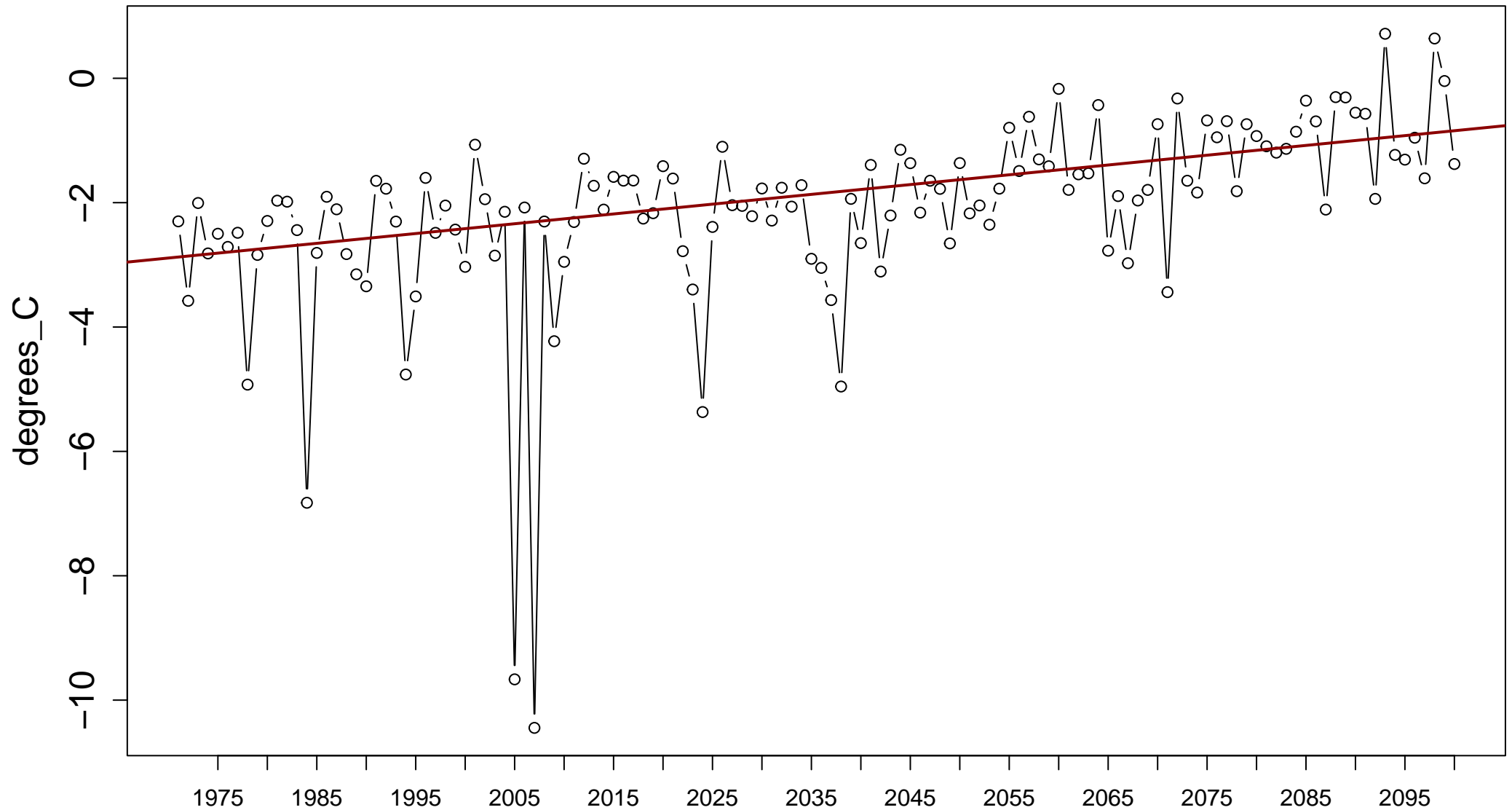
Sen's slope = 0.016   lower bound = 0.012,   upper bound = 0.02,   p–value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnn. Monthly coldest daily TN
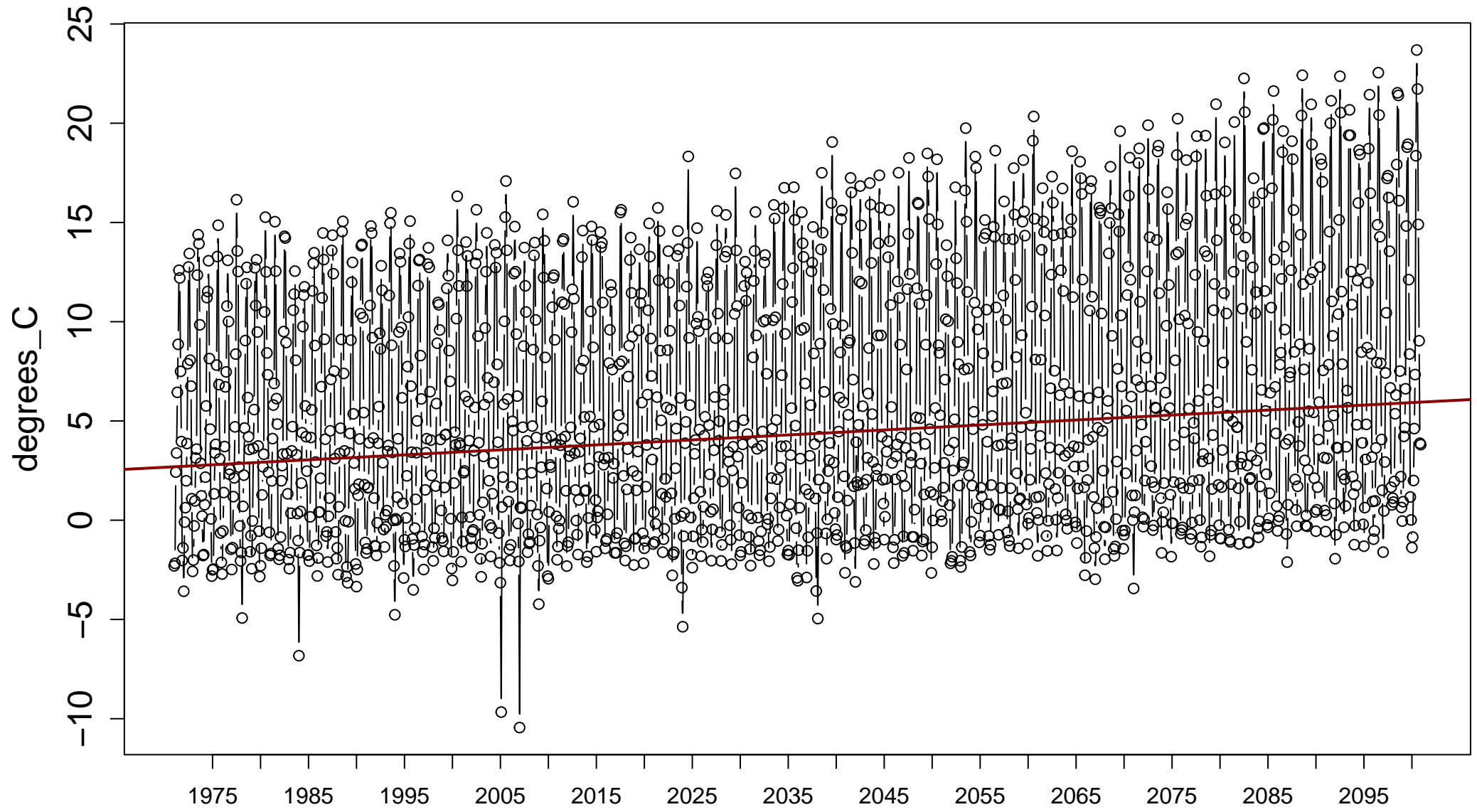
Sen's slope = 0.002   lower bound = 0.001,   upper bound = 0.003,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnx. Annual warmest daily TN

Sen's slope = 0.058   lower bound = 0.053,   upper bound = 0.065,   p−value = 0

Climpact v 3.1.6

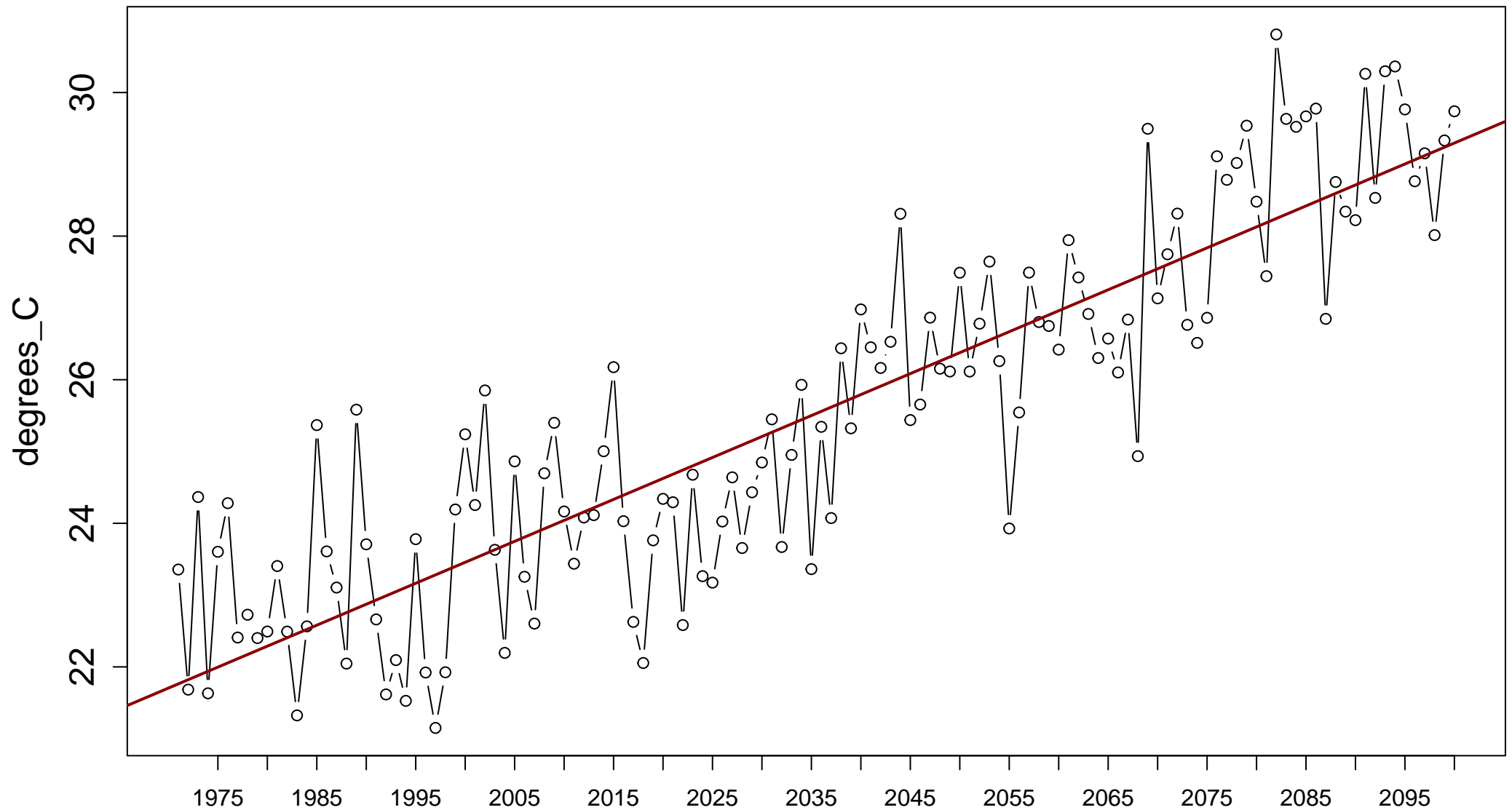# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tnx. Monthly warmest daily TN

Sen's slope = 0.003   lower bound = 0.003,   upper bound = 0.004,   p−value = 0
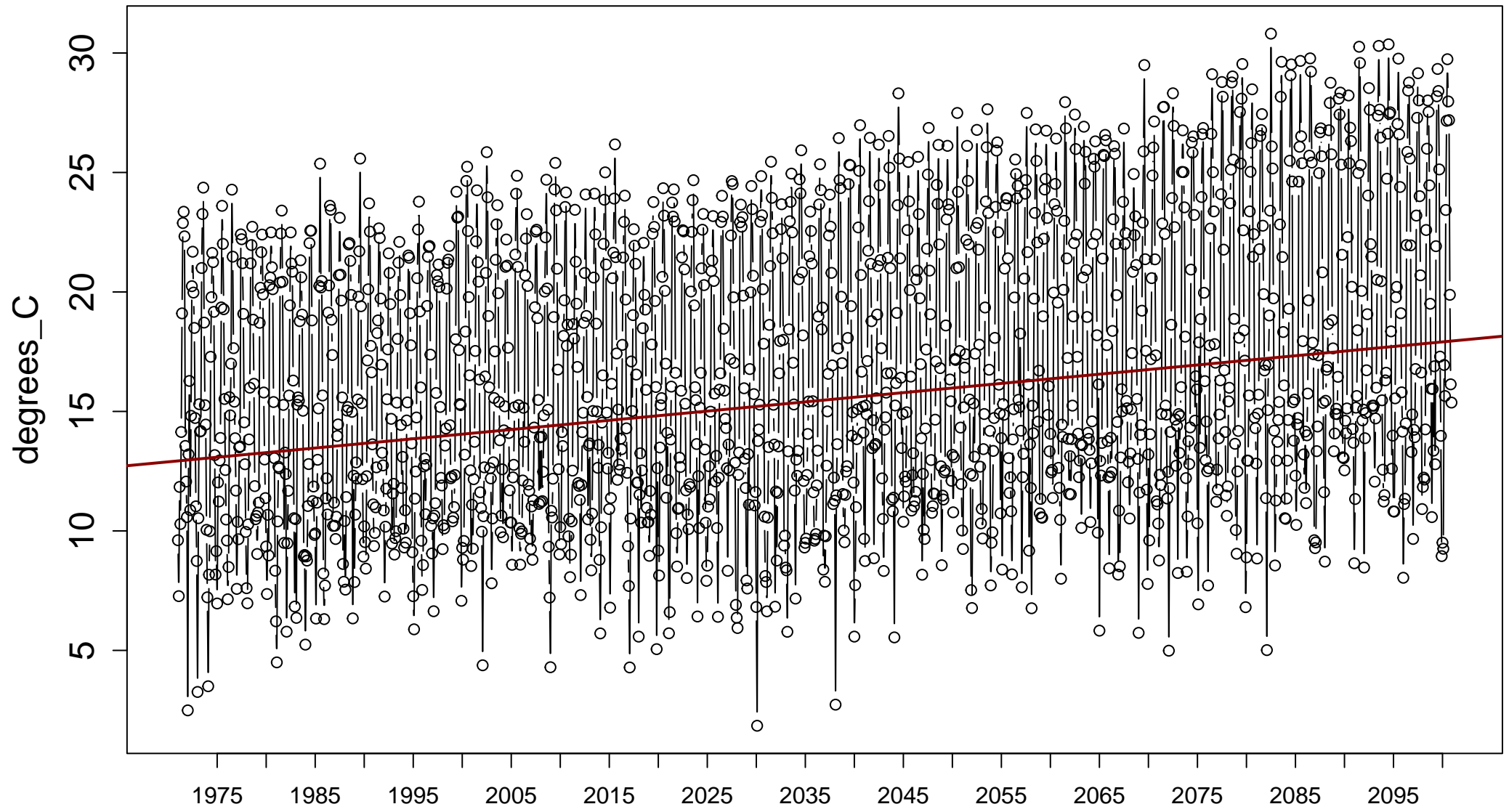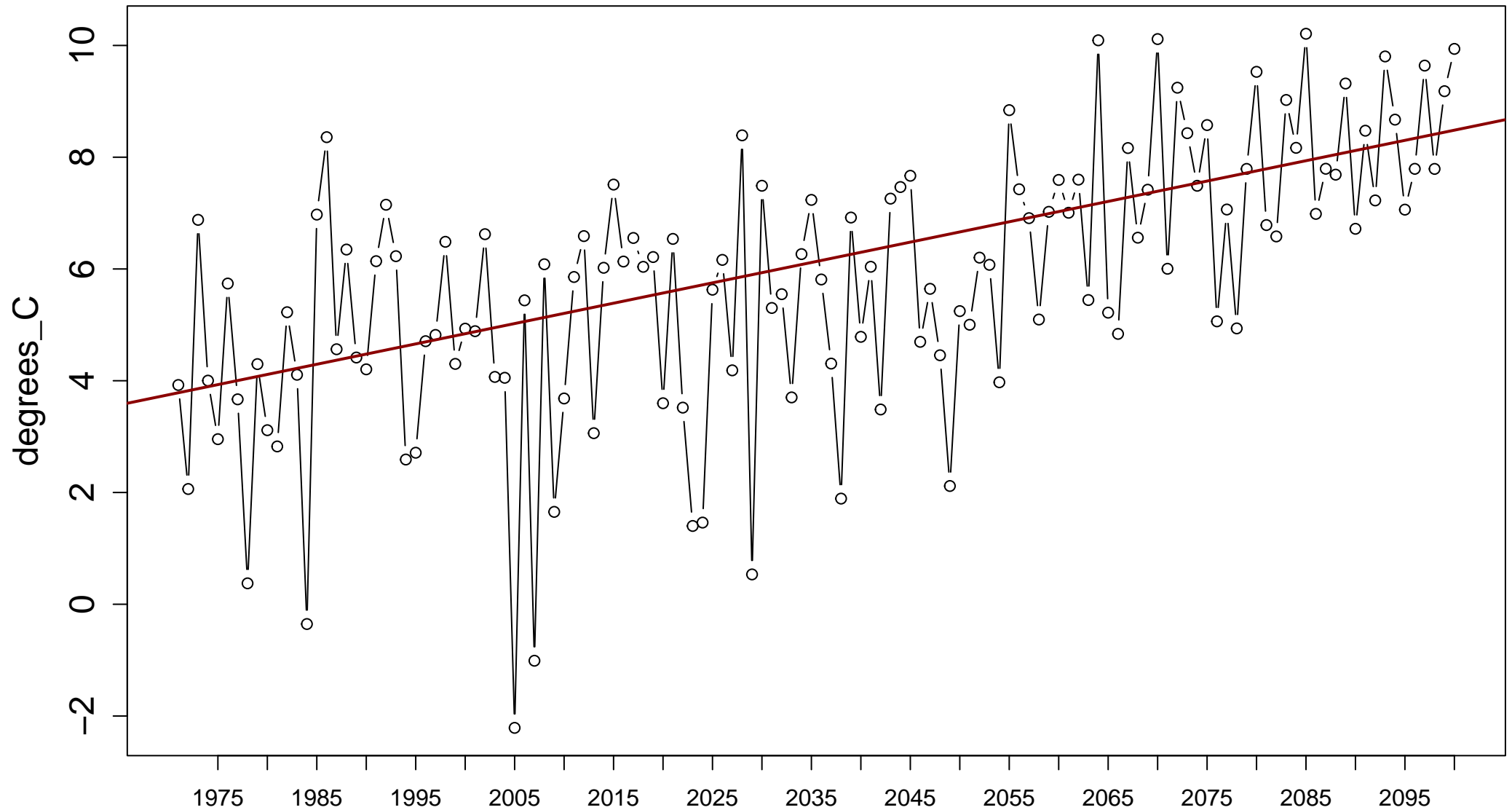
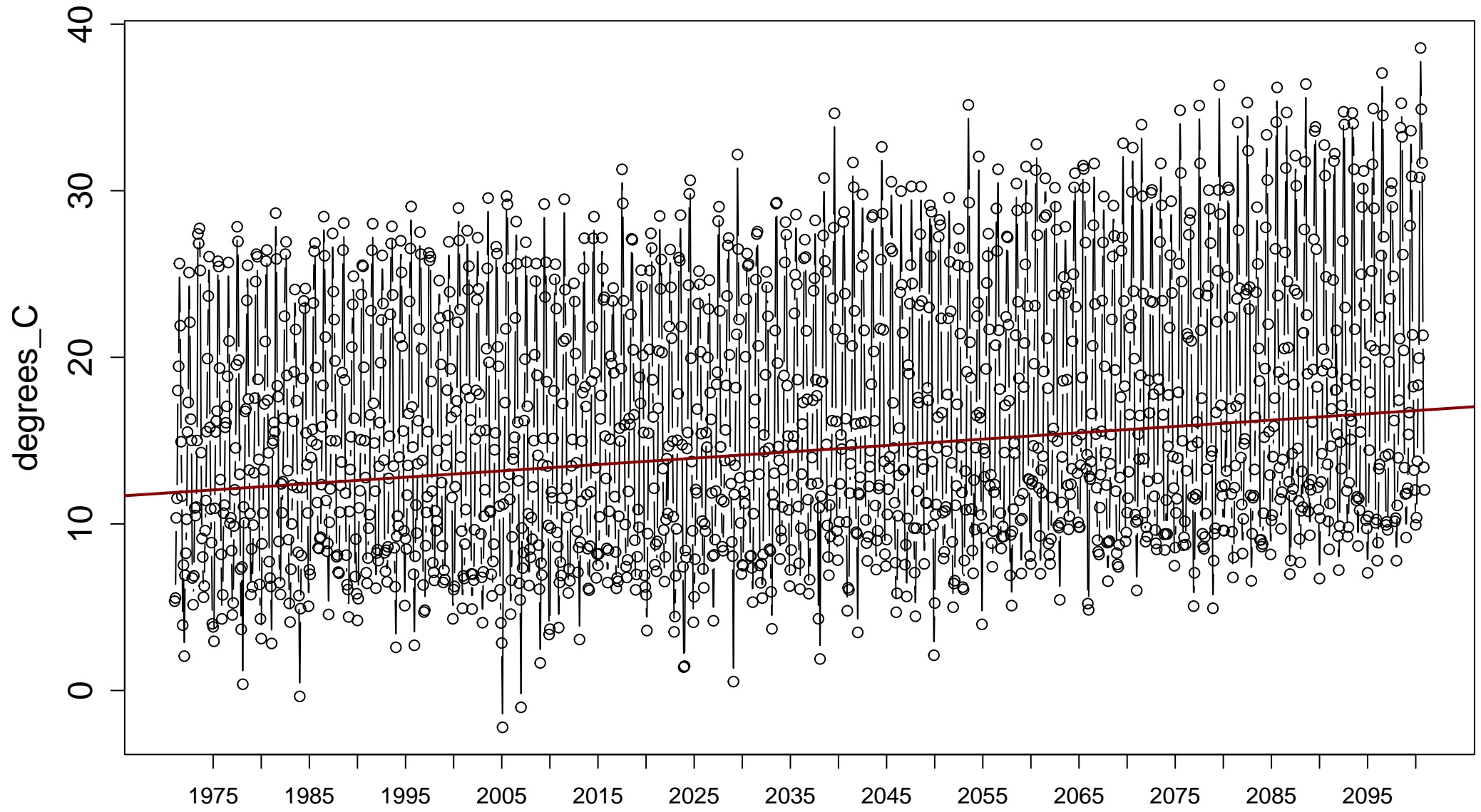# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: txn. Annual coldest daily TX

Sen's slope = 0.036   lower bound = 0.028,   upper bound = 0.045,   p–value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]
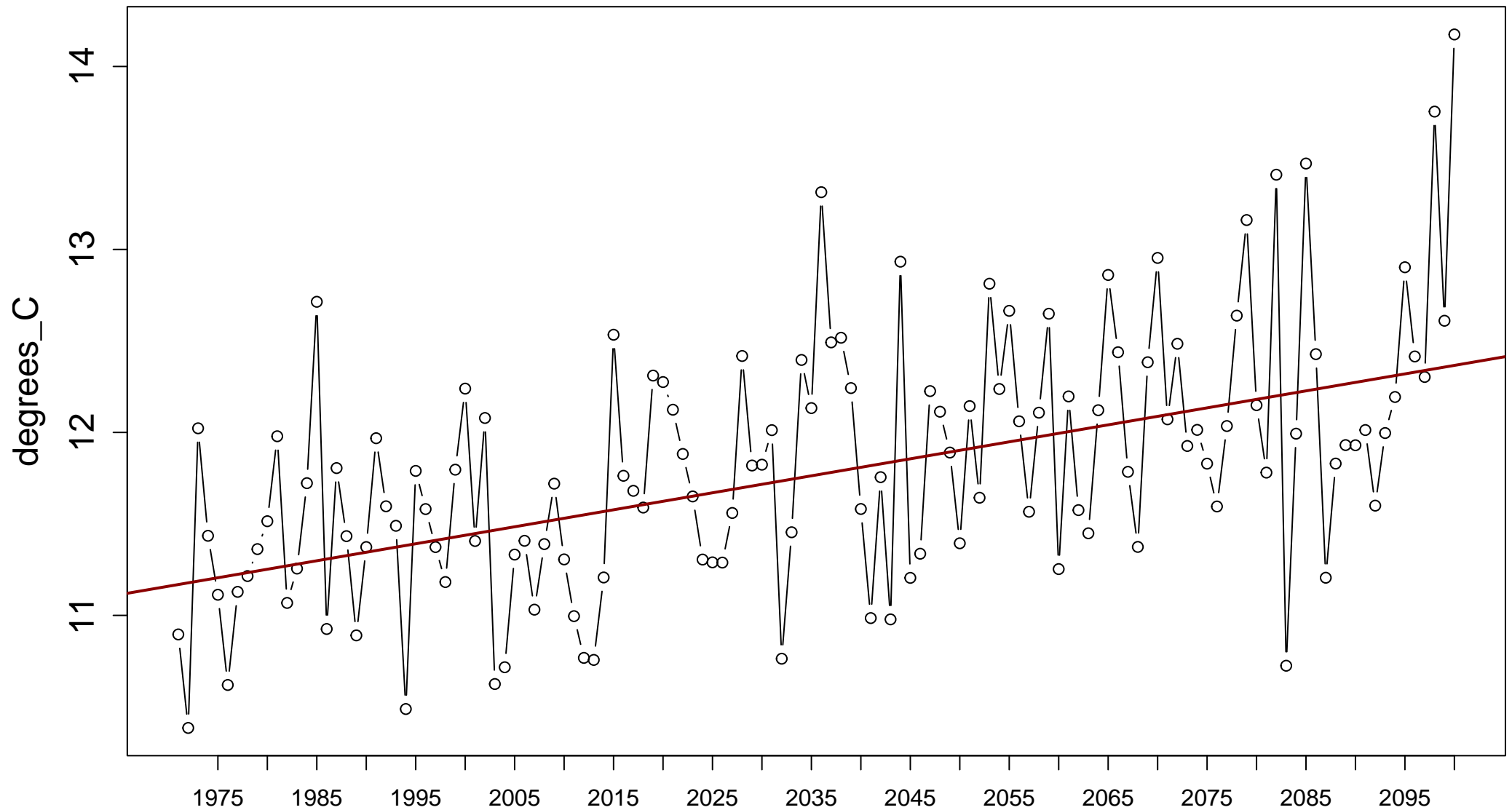
Index: txn. Monthly coldest daily TX

Sen's slope = 0.003   lower bound = 0.002,   upper bound = 0.004,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: dtr. Mean annual difference between daily TX and daily TN

Sen's slope = 0.009   lower bound = 0.007,   upper bound = 0.012,   p−value = 0

Climpact v 3.1.6

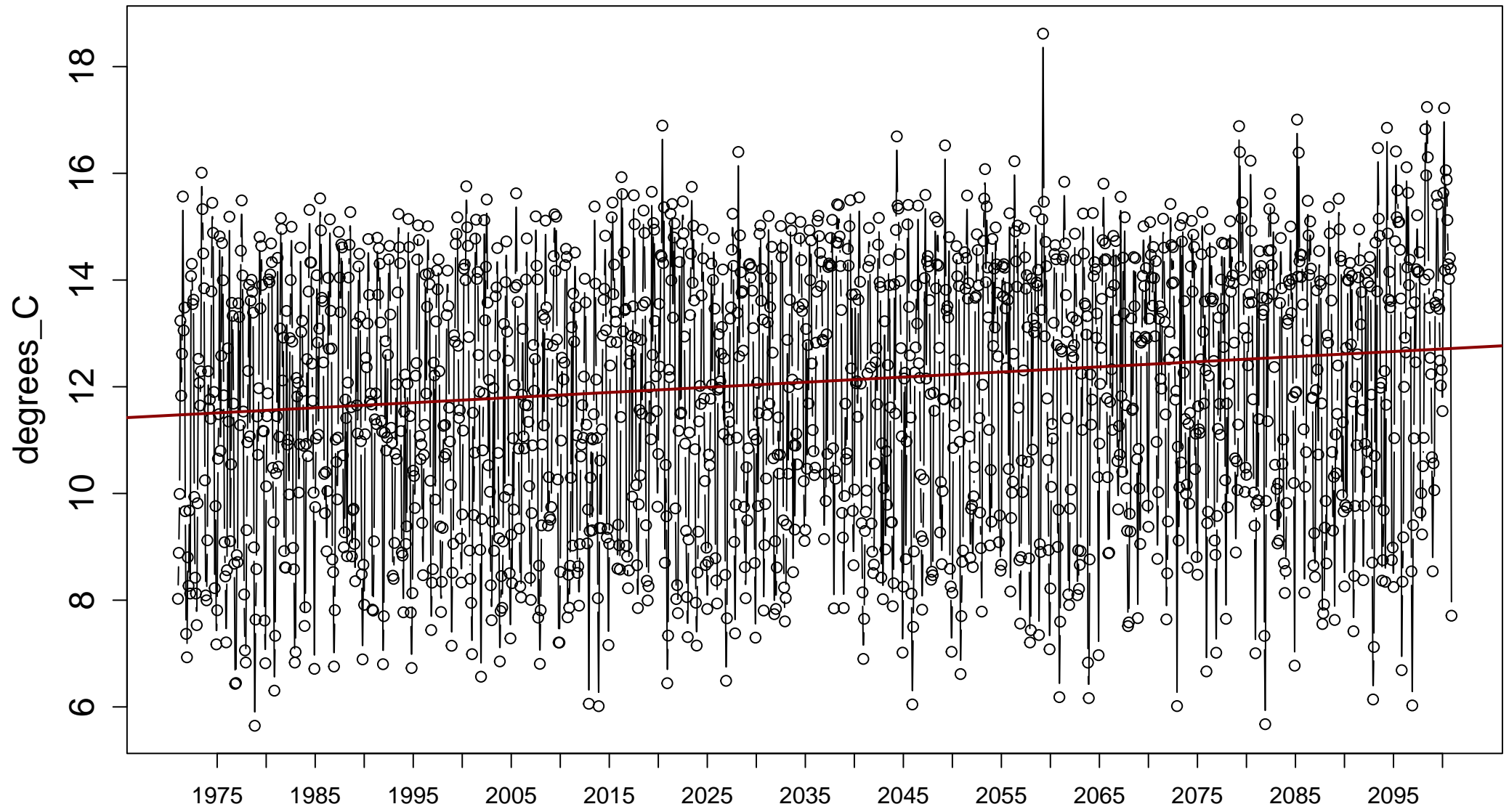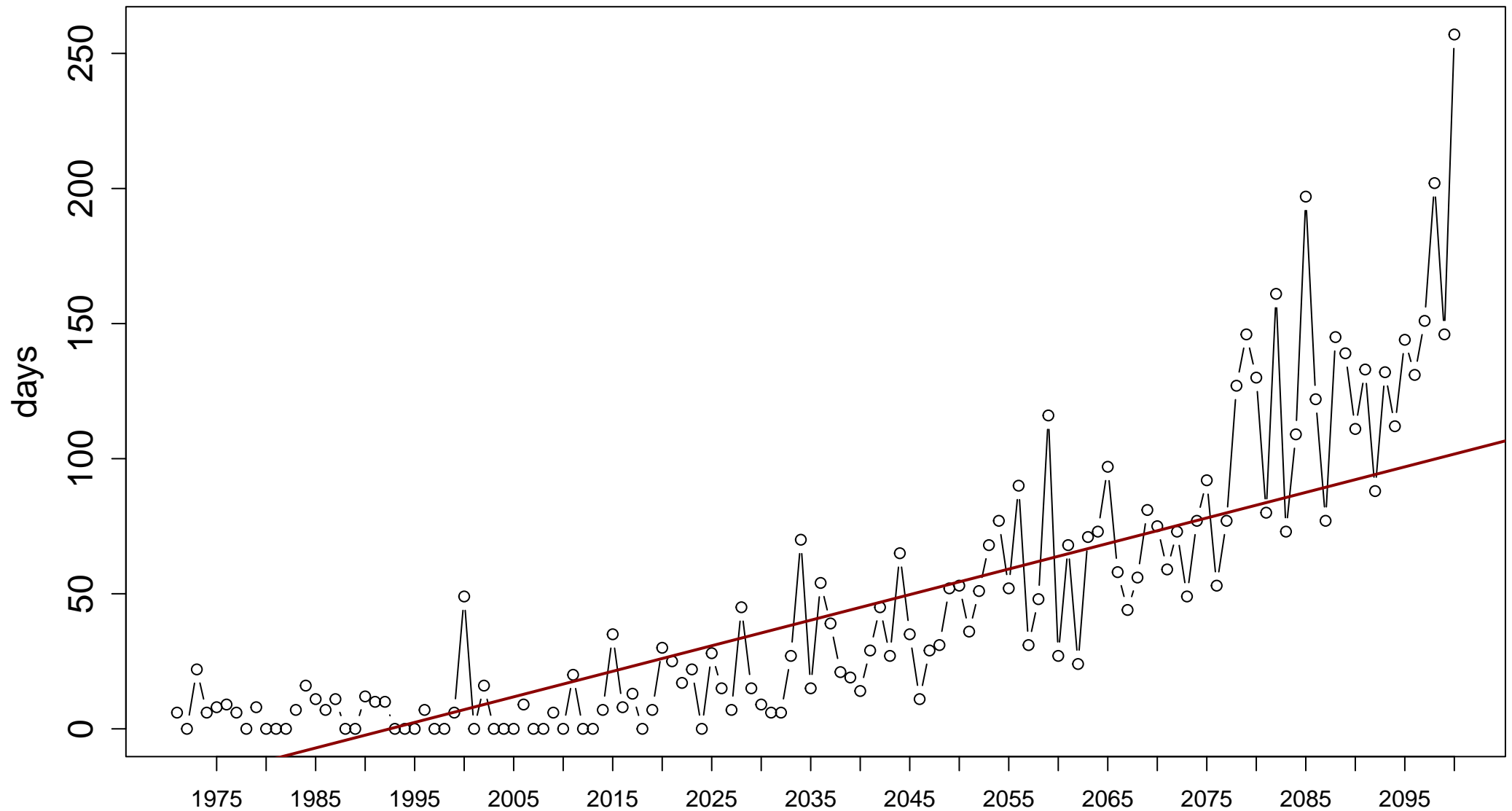# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: dtr. Mean monthly difference between daily TX and daily TN

Sen's slope = 0.001   lower bound = 0.001,   upper bound = 0.001,   p−value = 0

Climpact v 3.1.6

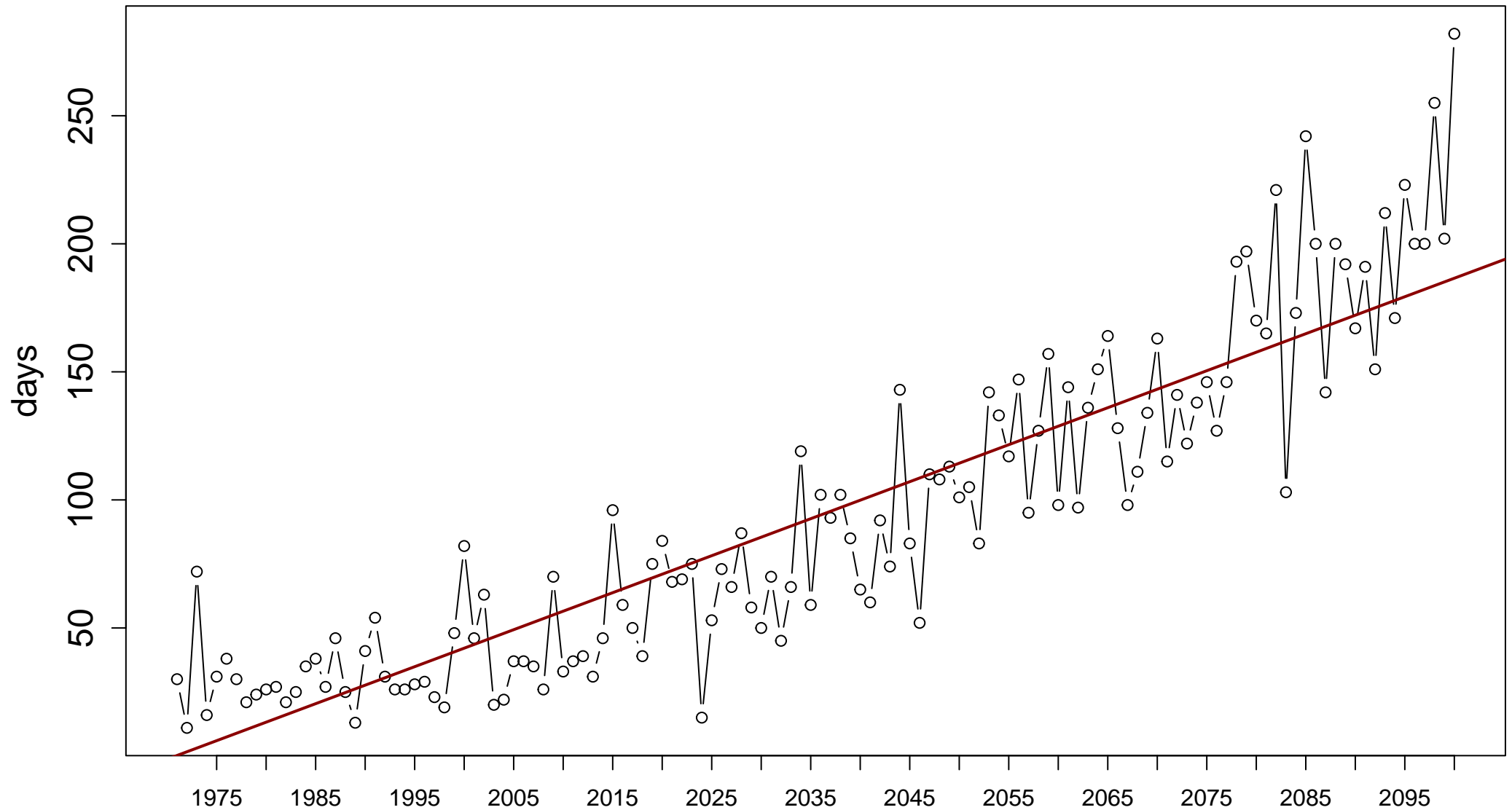# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: wsdi. Annual number of days contributing to events where 6 or more consecutive days
experience TX > 90th percentile

Sen's slope = 0.946   lower bound = 0.804,   upper bound = 1.094,   p−value = 0

Climpact v 3.1.6

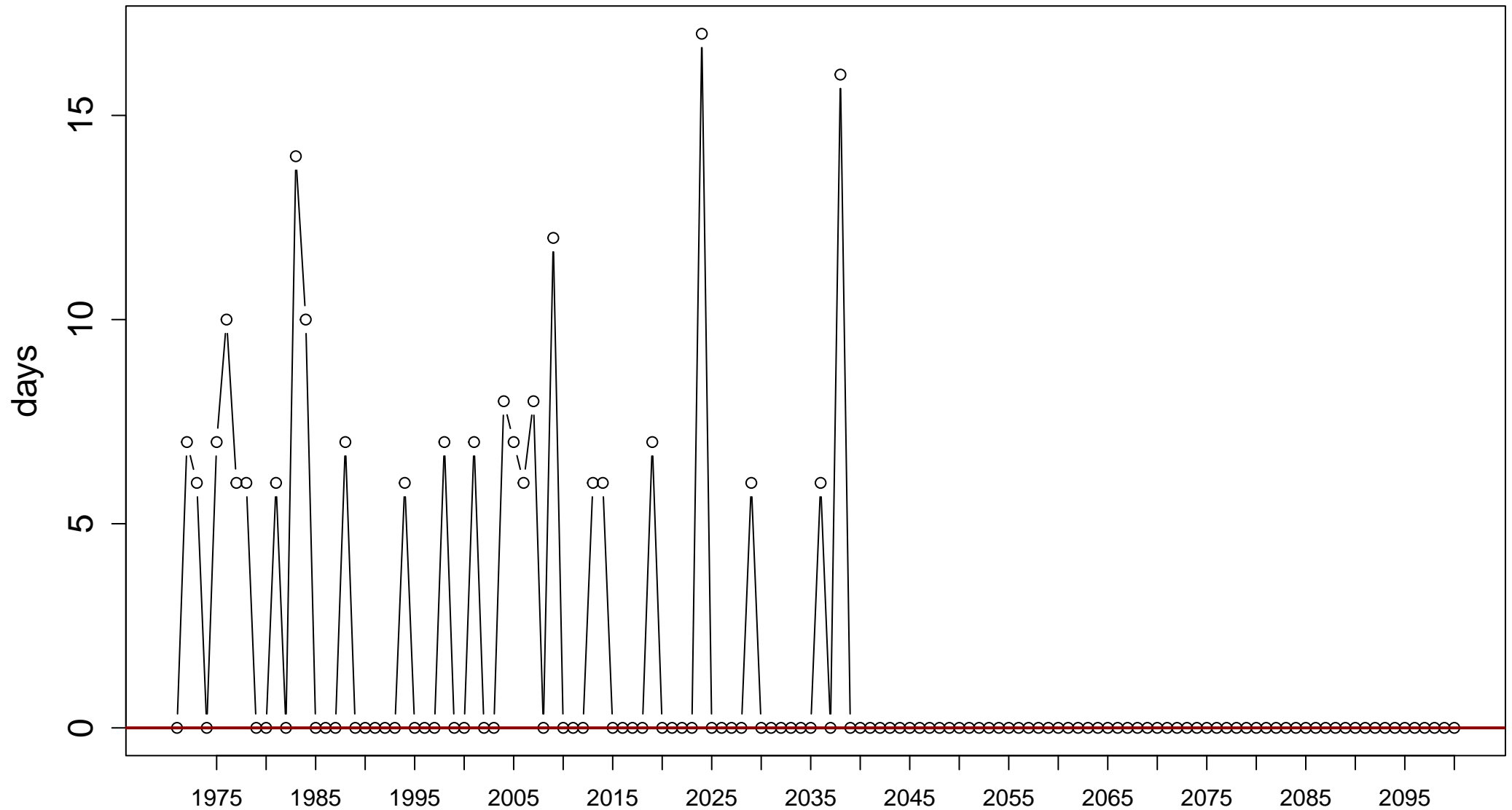# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: wsdi1. Annual number of days with at least 1 consecutive days when TX > 90th percentile

Sen's slope = 1.444   lower bound = 1.304,   upper bound = 1.576,   p−value = 0

Climpact v 3.1.6

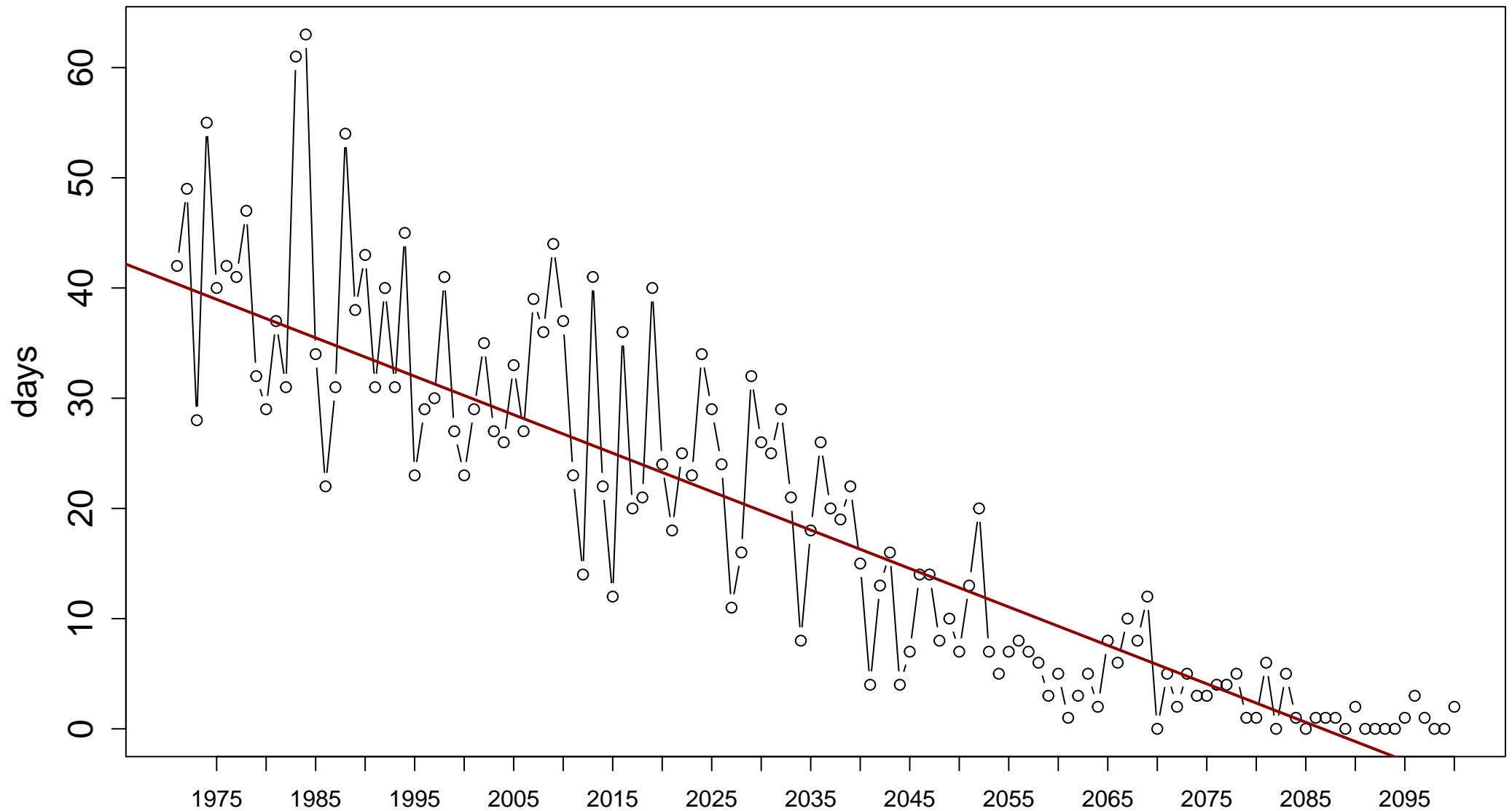# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: csdi. Annual number of days contributing to events where 6 or more consecutive days
experience TN < 10th percentile

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

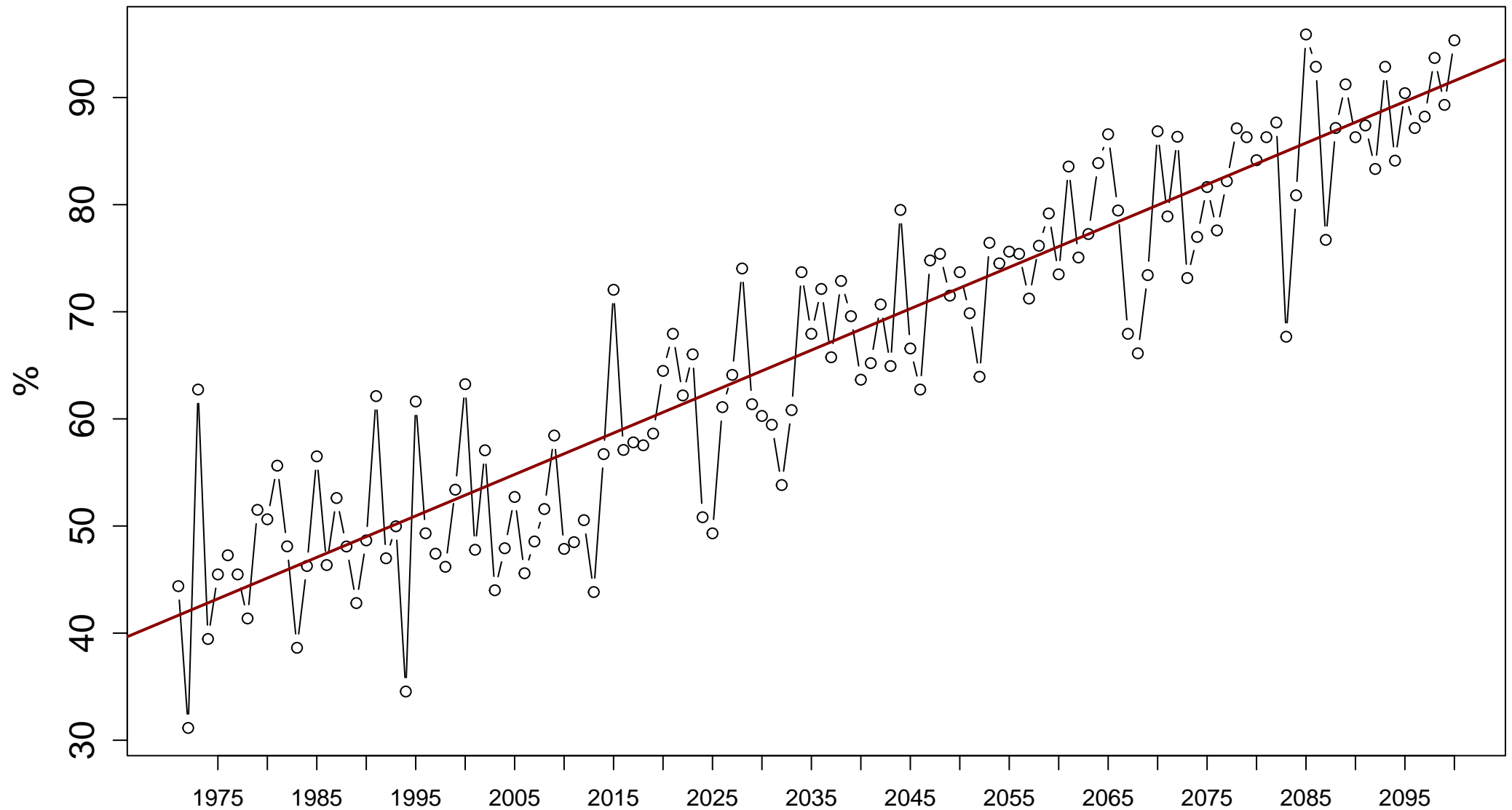# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: csdi1. Annual number of days with at least 1 consecutive days when TN < 10th percentile

Sen's slope = −0.349   lower bound = −0.385,   upper bound = −0.317,   p−value = 0

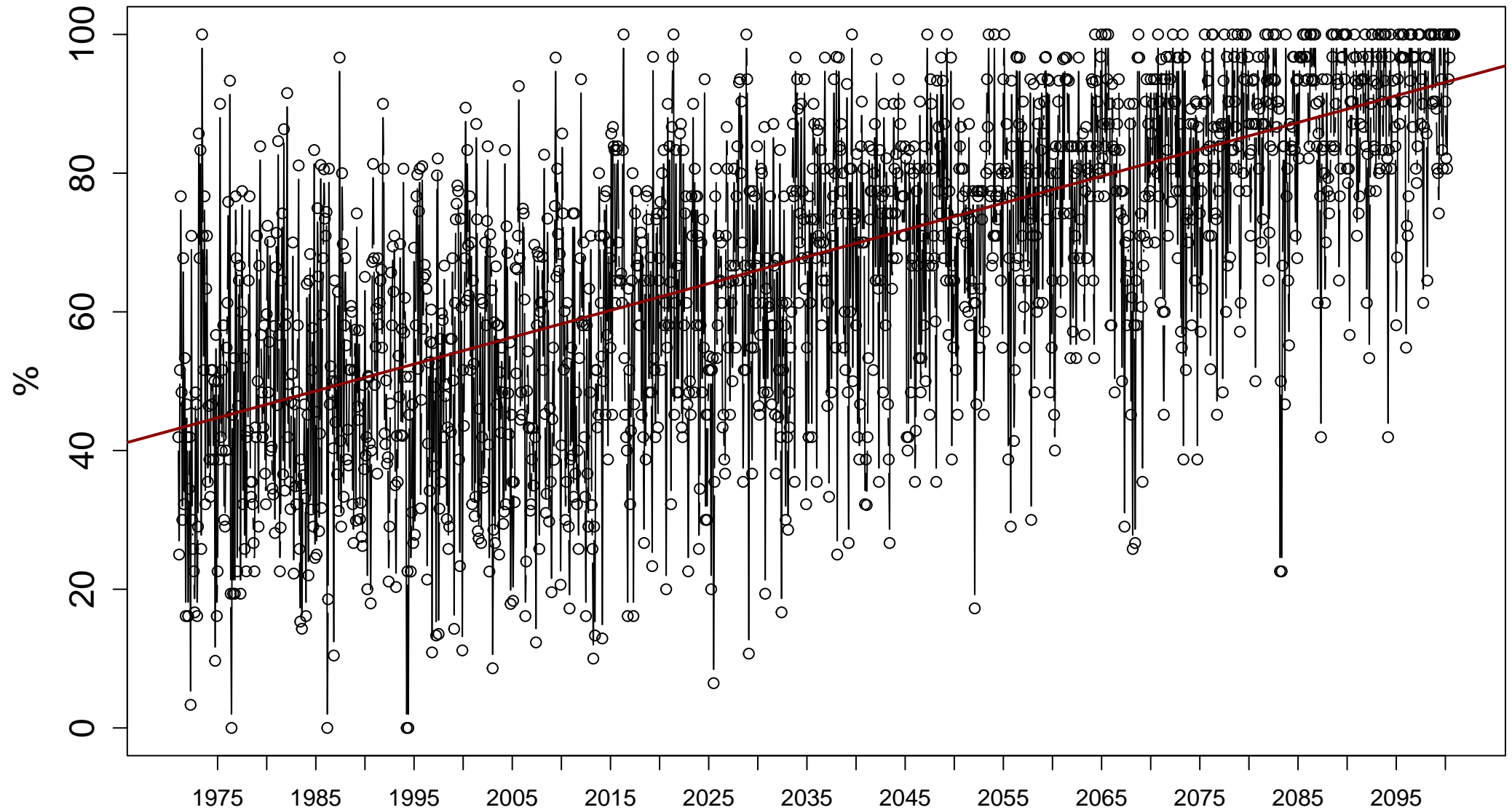# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: txgt50p. Annual percentage of days when TX > 50th percentile

Sen's slope = 0.387   lower bound = 0.358,   upper bound = 0.417,   p–value = 0

Climpact v 3.1.6

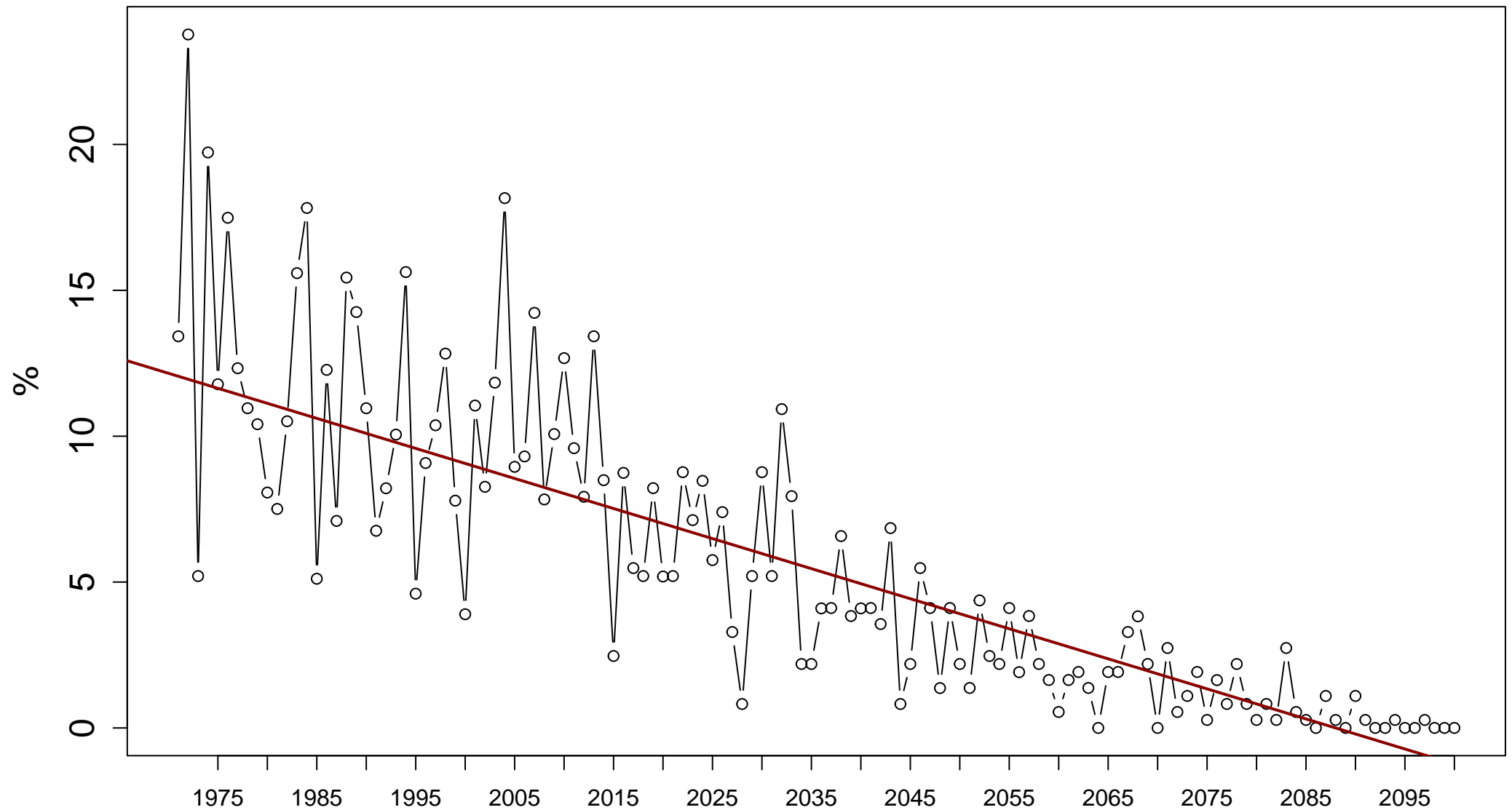# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: txgt50p. Monthly percentage of days when TX > 50th percentile

Sen's slope = 0.032   lower bound = 0.03,   upper bound = 0.034,   p−value = 0

Climpact v 3.1.6

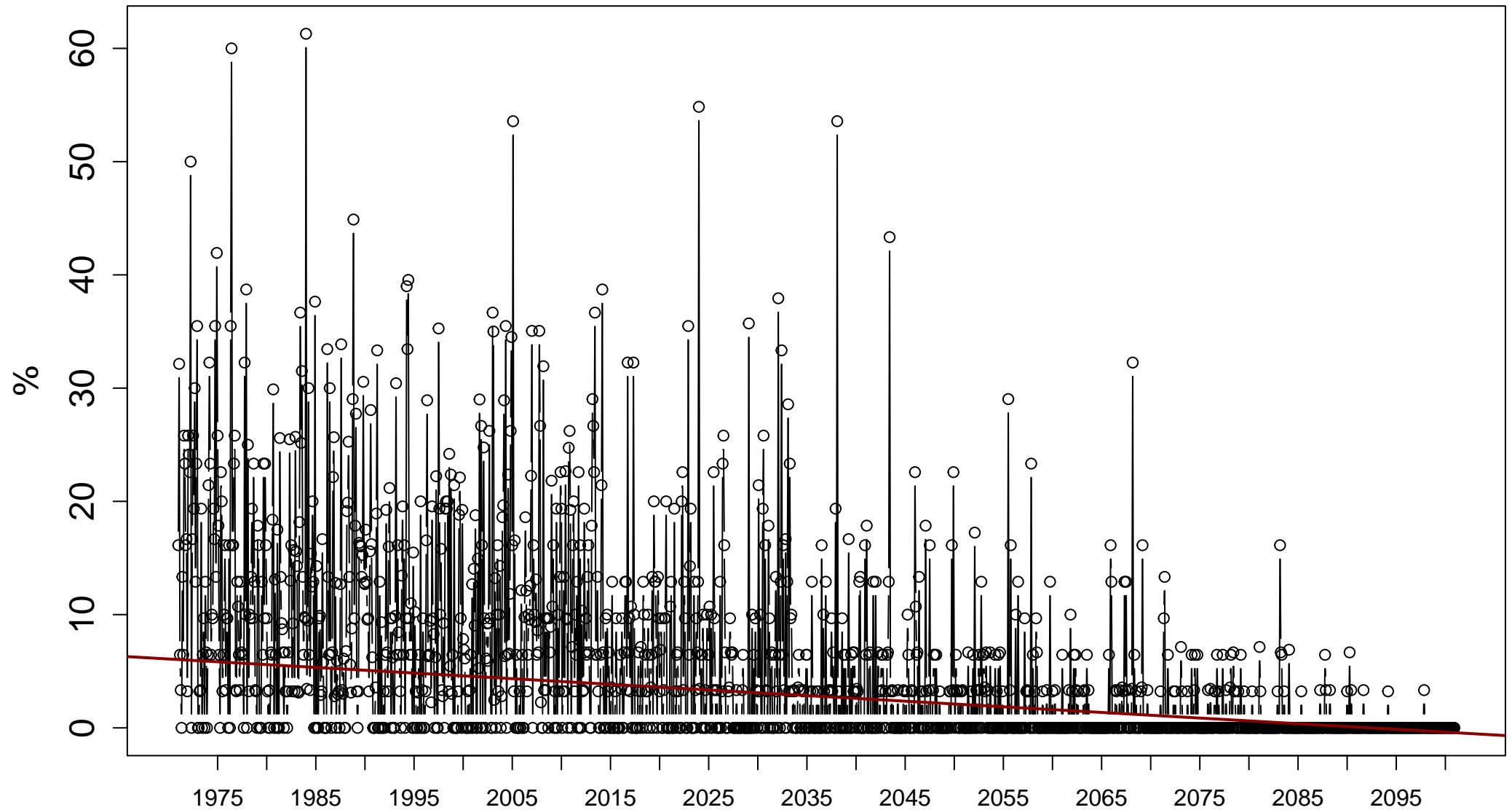# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: tx10p. Annual percentage of days when TX < 10th percentile

Sen's slope = –0.103   lower bound = –0.114,   upper bound = –0.091,   p–value = 0

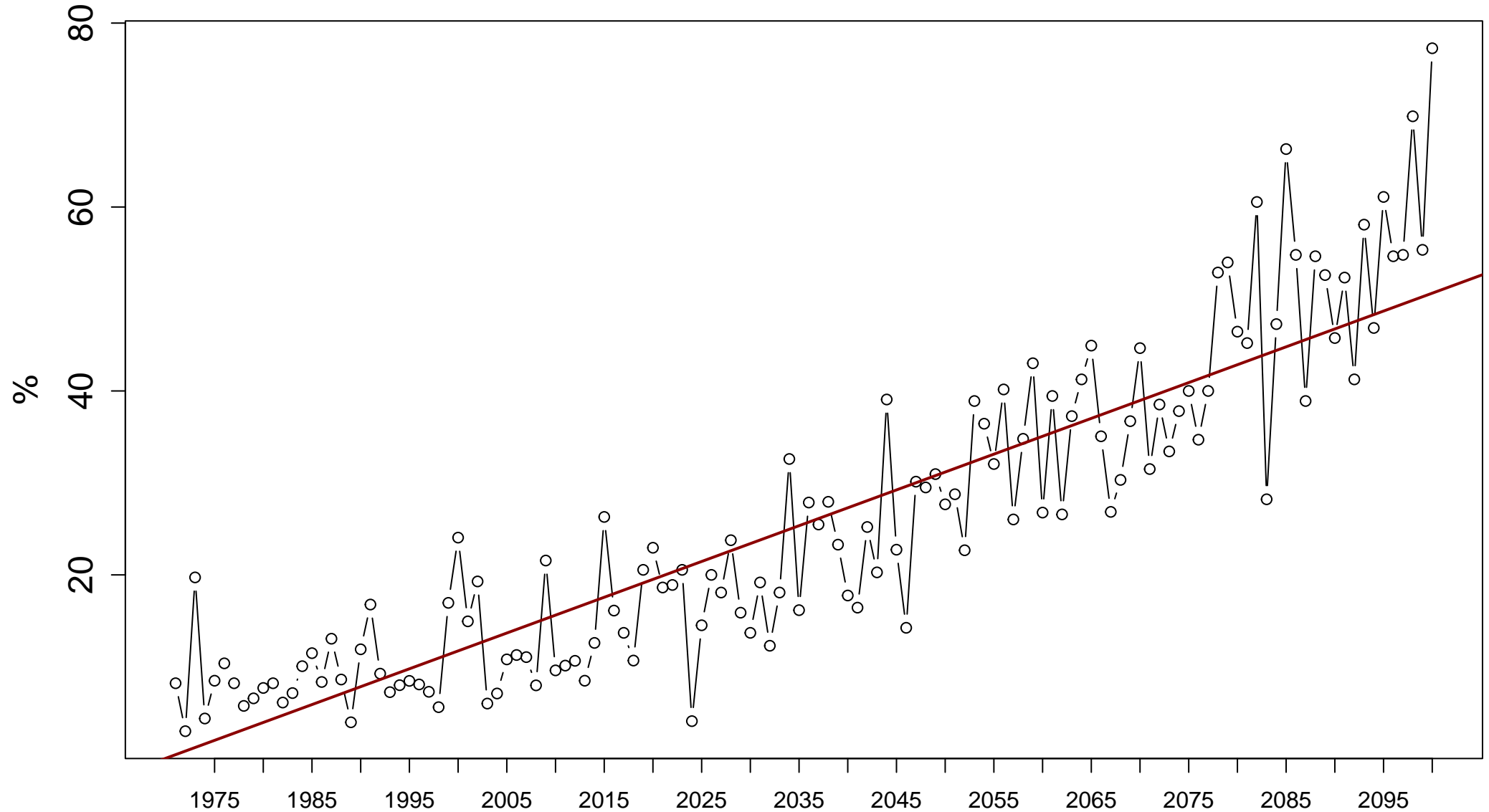# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tx10p. Monthly percentage of days when TX < 10th percentile

Sen's slope = −0.004   lower bound = −0.005,   upper bound = −0.003,   p−value = 0

Climpact v 3.1.6

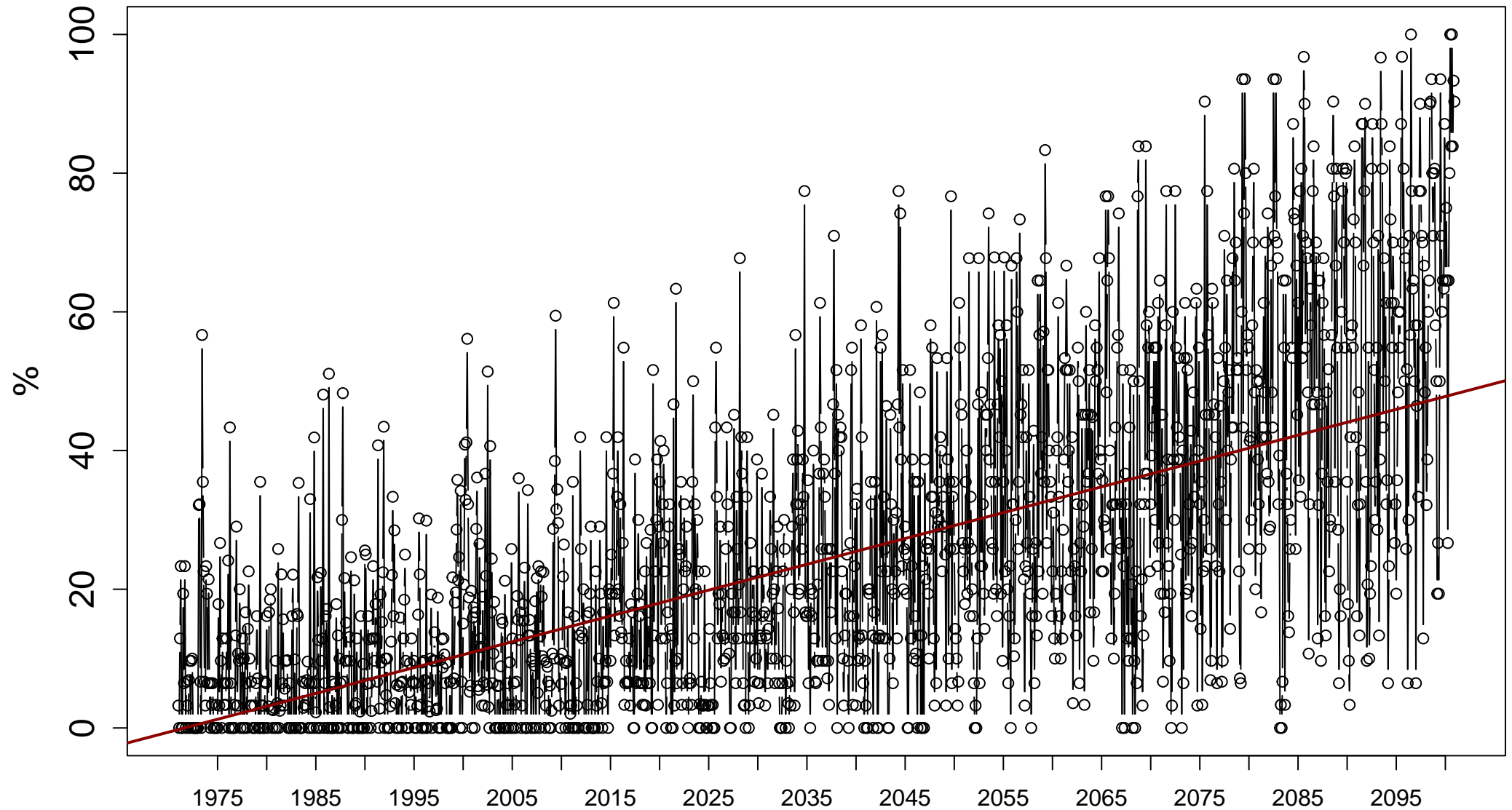# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tx90p. Annual percentage of days when TX > 90th percentile

Sen's slope = 0.389   lower bound = 0.351,   upper bound = 0.426,   p−value = 0

Climpact v 3.1.6

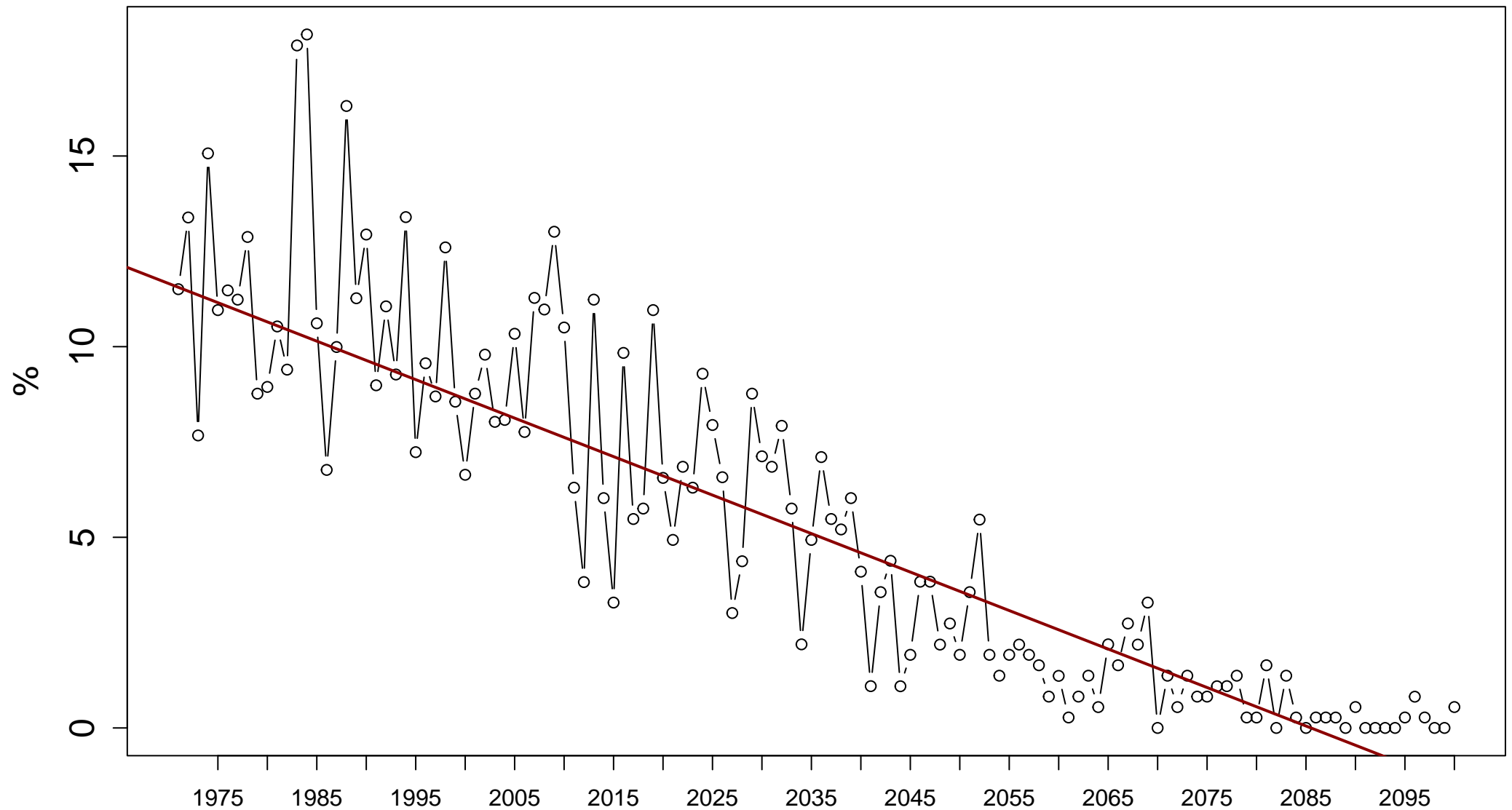# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tx90p. Monthly percentage of days when TX > 90th percentile

Sen's slope = 0.031   lower bound = 0.029,   upper bound = 0.033,   p−value = 0

Climpact v 3.1.6

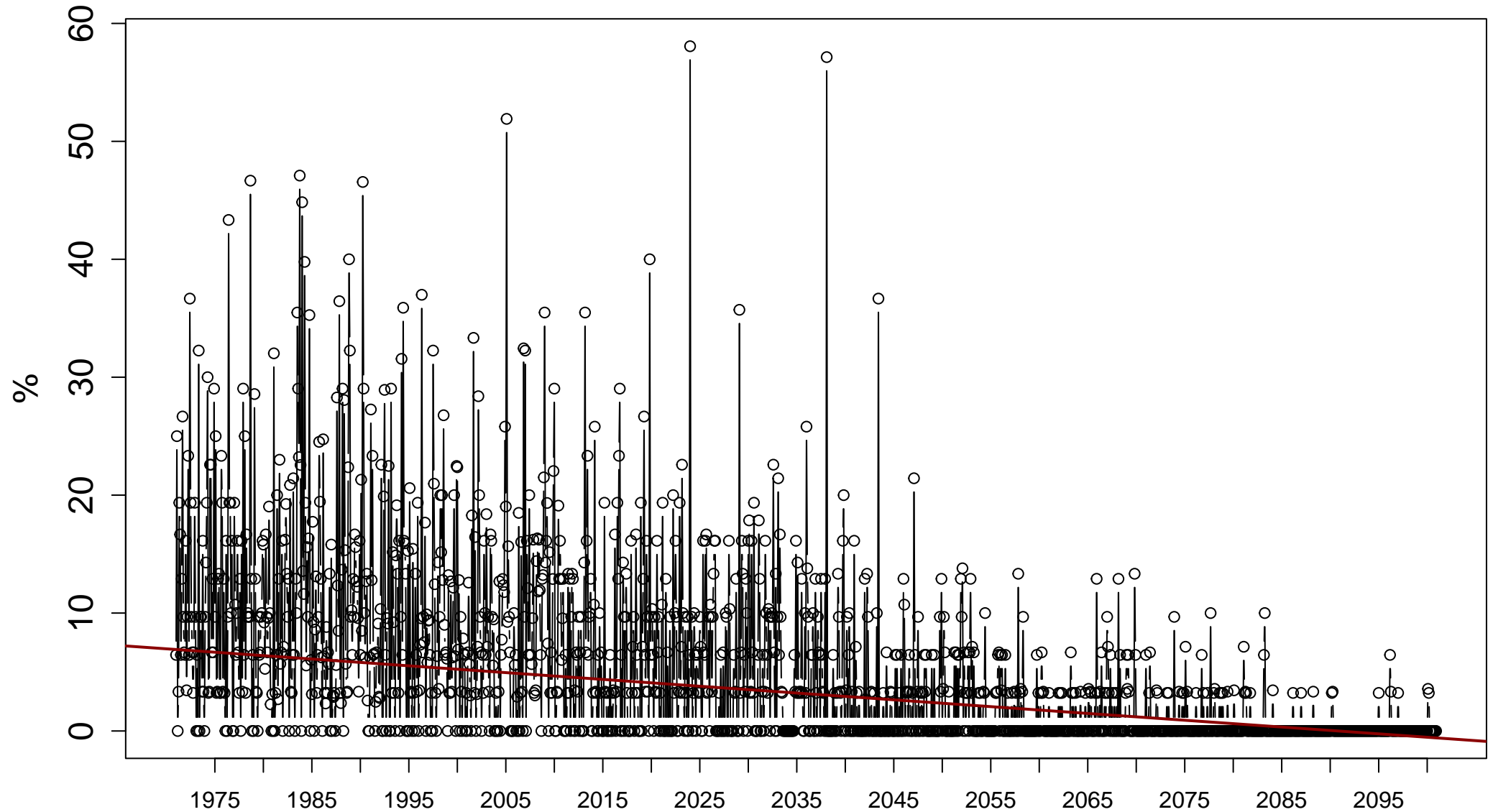# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tn10p. Annual percentage of days when TN < 10th percentile

Sen's slope = −0.101   lower bound = −0.11,   upper bound = −0.093,   p−value = 0

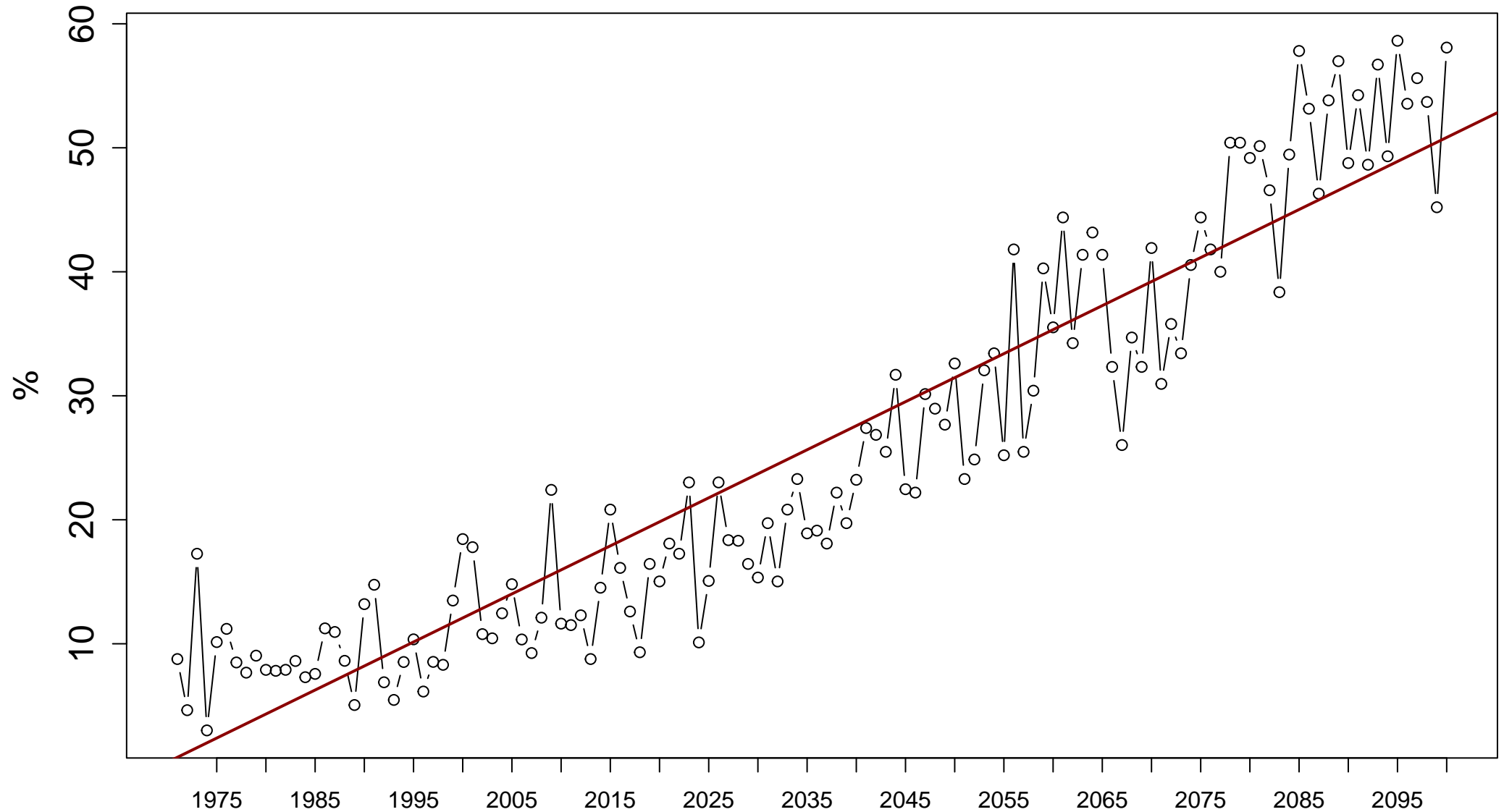# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tn10p. Monthly percentage of days when TN < 10th percentile

Sen's slope = −0.005   lower bound = −0.005,   upper bound = −0.004,   p−value = 0

Climpact v 3.1.6

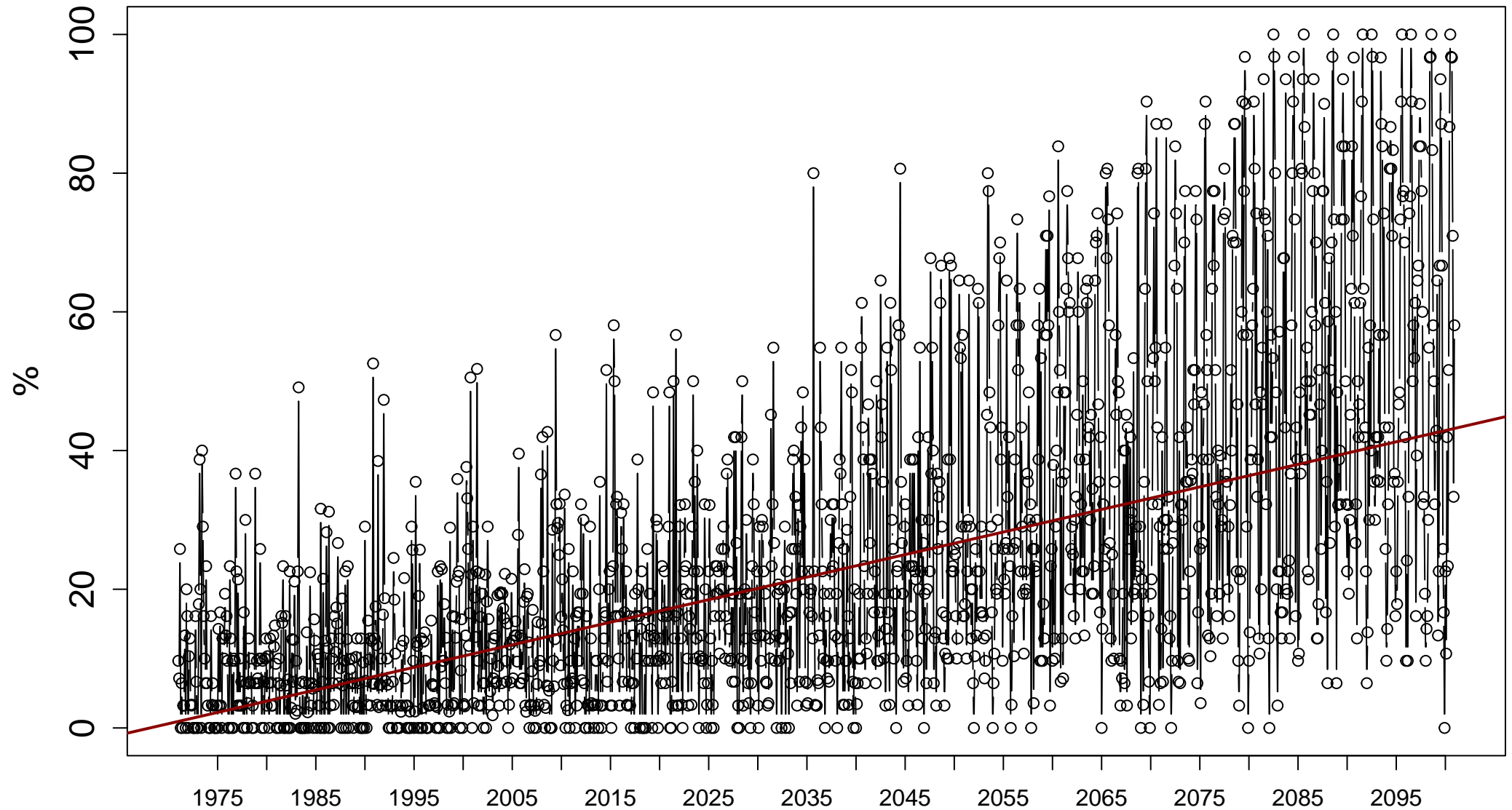# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tn90p. Annual percentage of days when TN > 90th percentile

Sen's slope = 0.388   lower bound = 0.356,   upper bound = 0.418,   p−value = 0

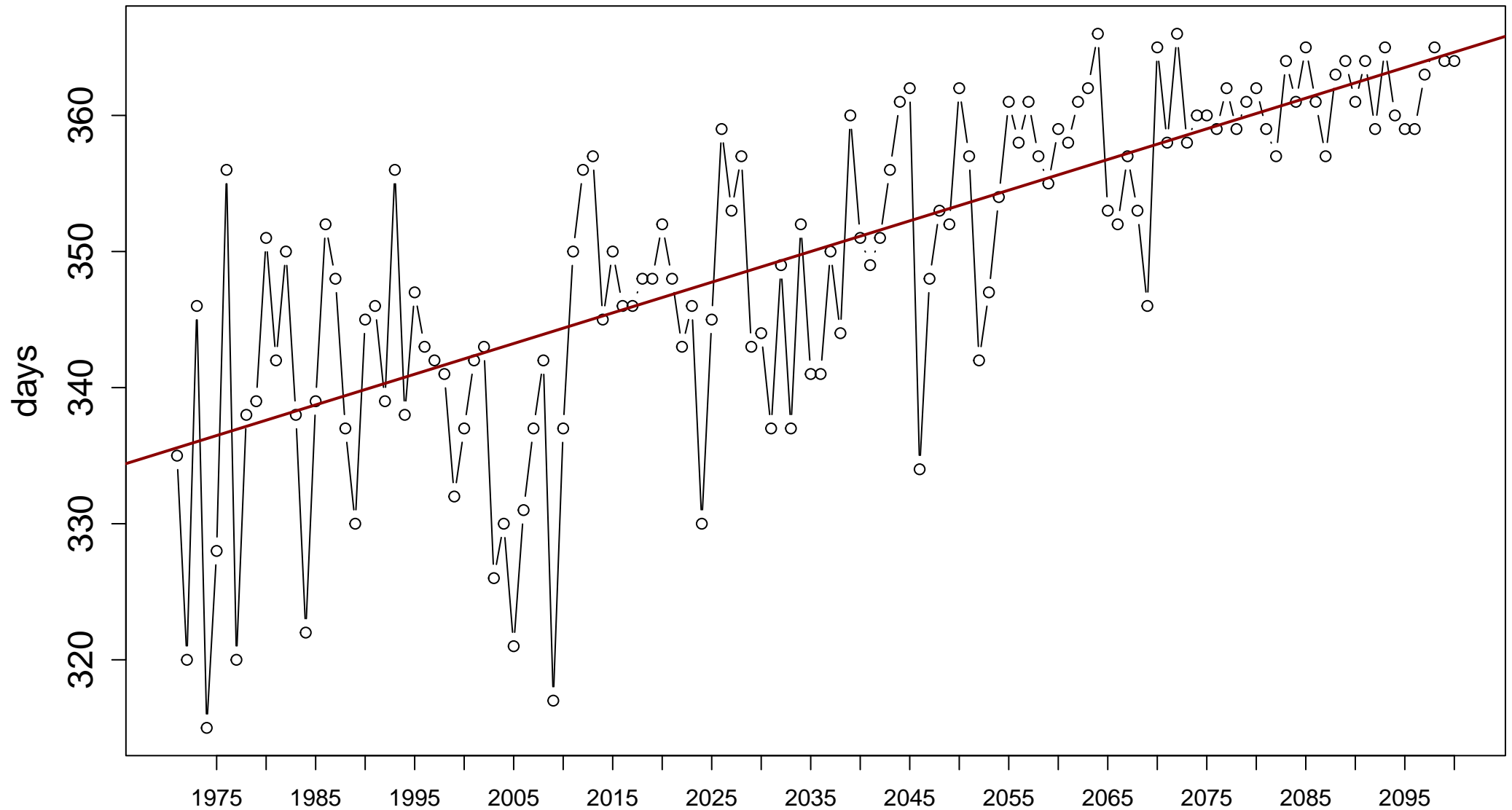# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tn90p. Monthly percentage of days when TN > 90th percentile

Sen's slope = 0.027   lower bound = 0.025,   upper bound = 0.029,   p−value = 0

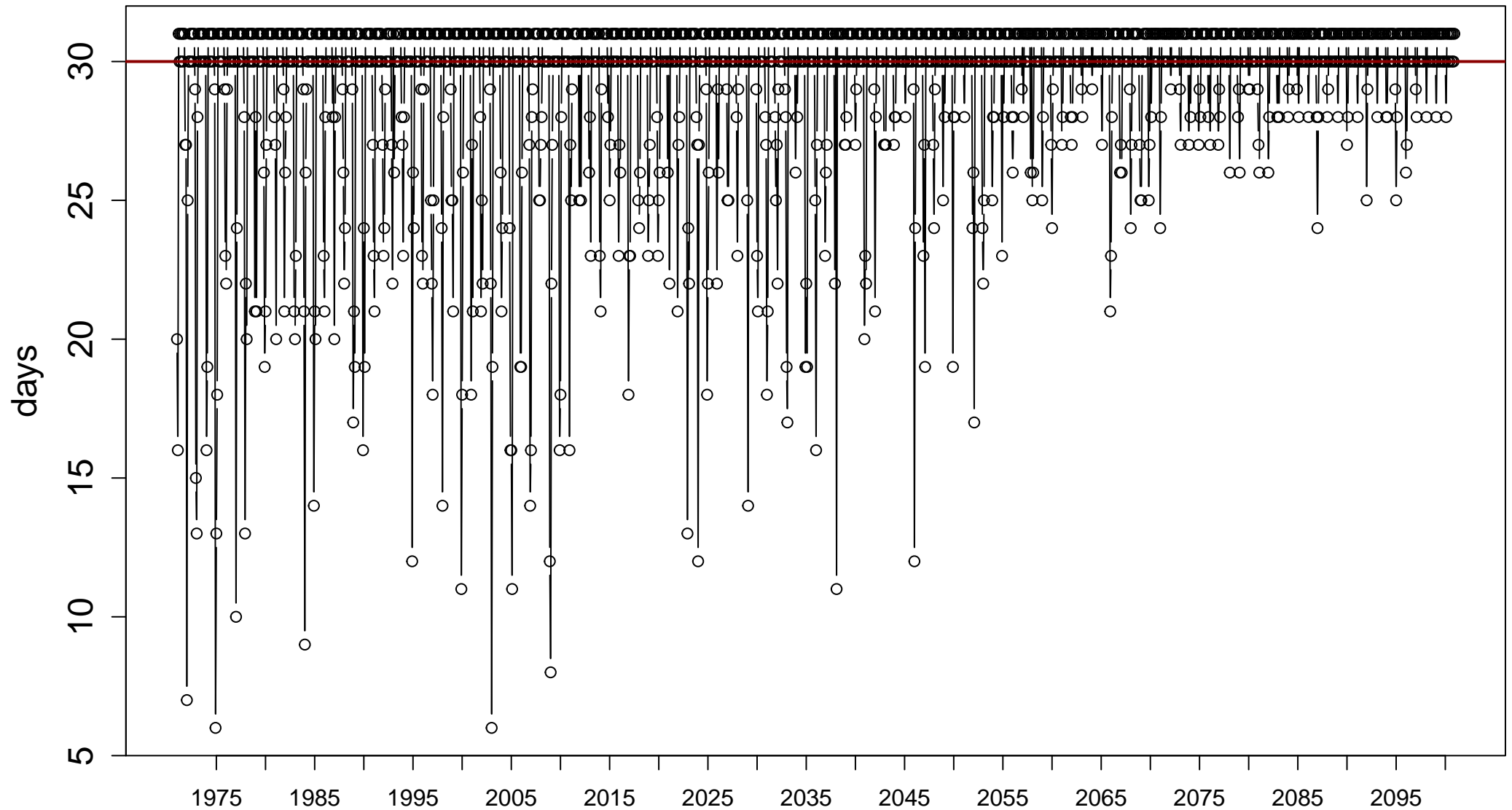# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tmge5. Annual number of days when TM >= 5 degrees_C

Sen's slope = 0.225   lower bound = 0.197,   upper bound = 0.253,   p−value = 0

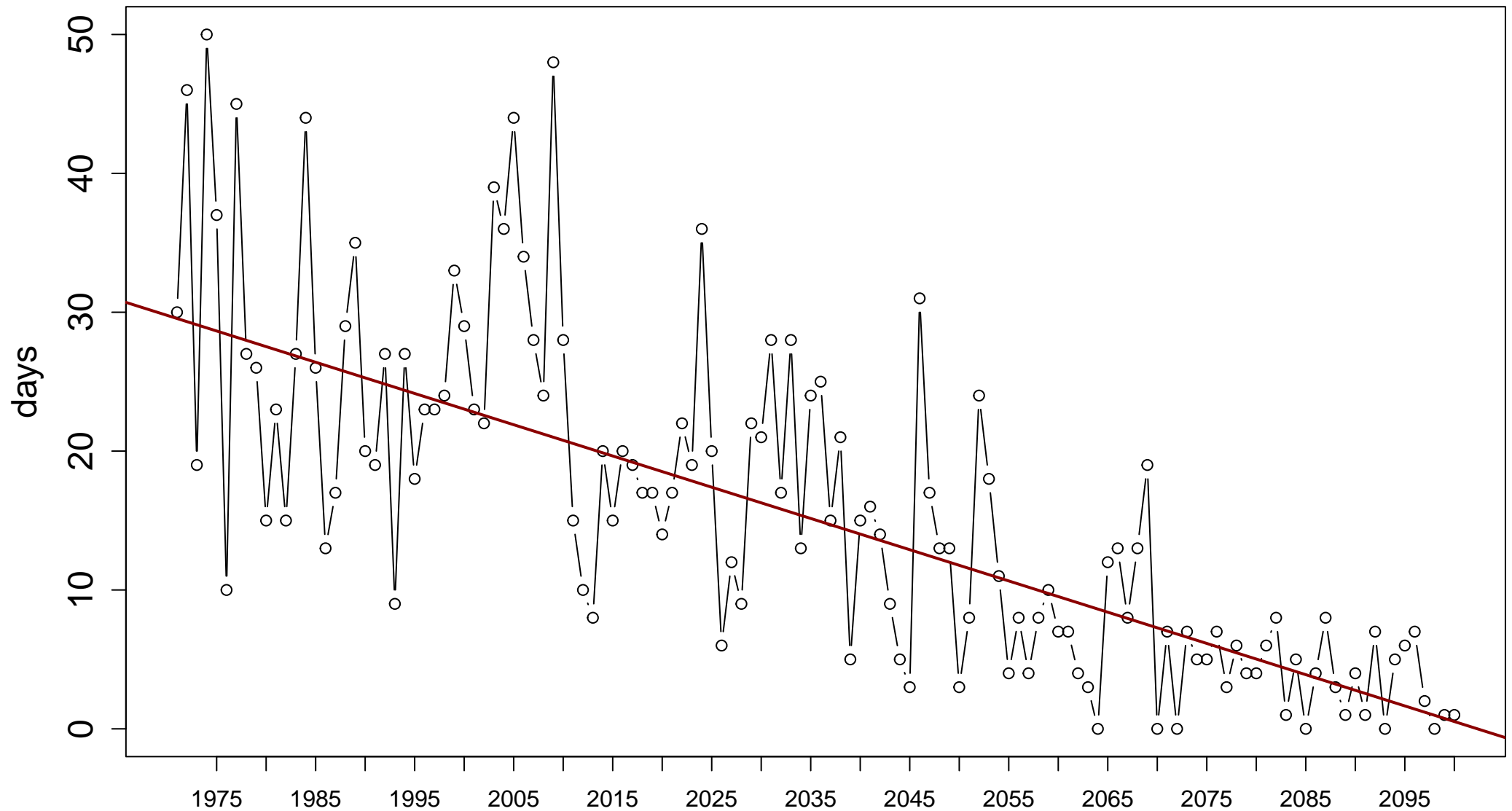Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tmge5. Monthly number of days when TM >= 5 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6
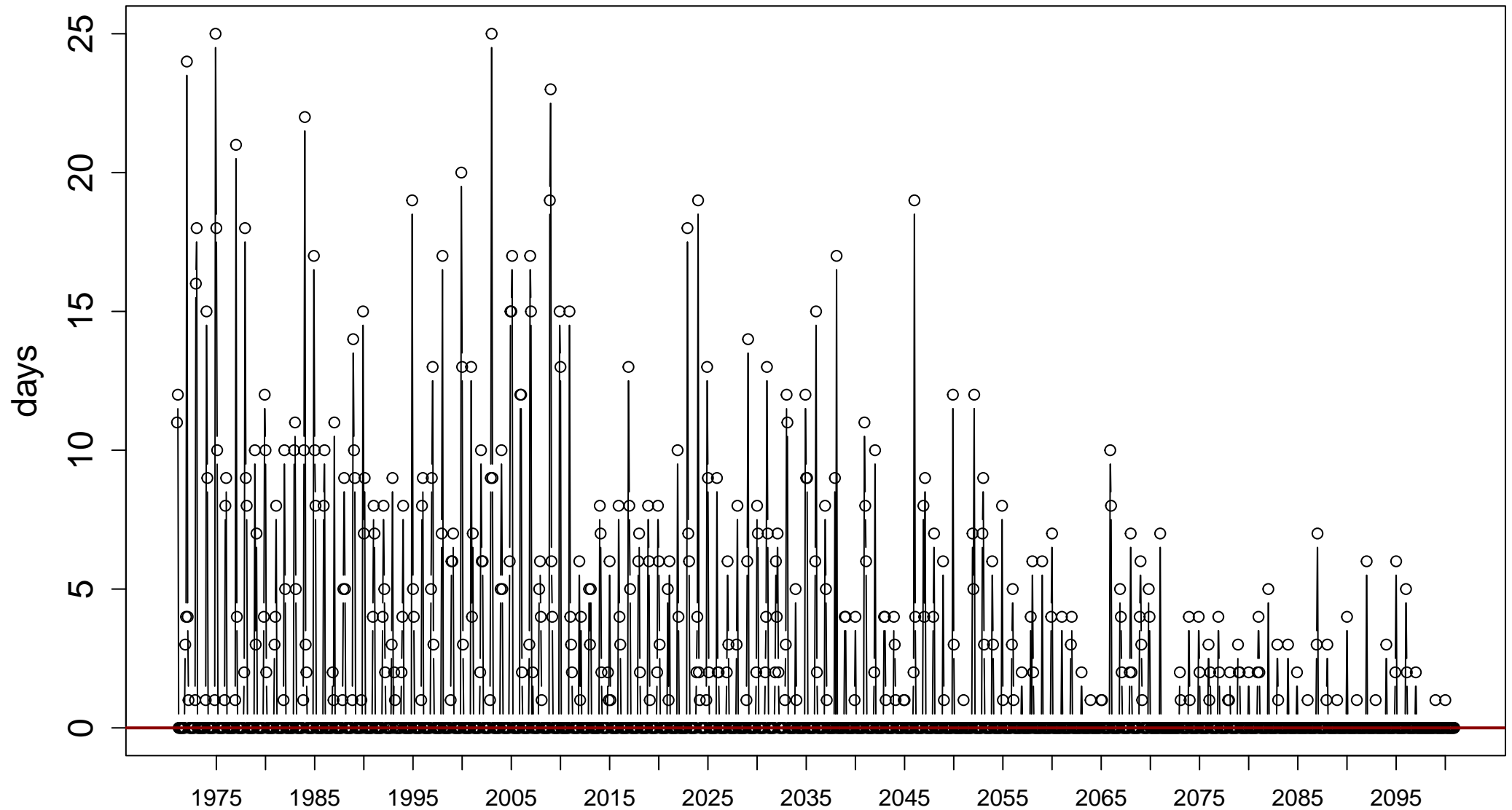
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tmlt5. Annual number of days when TM < 5 degrees_C

Sen's slope = −0.225   lower bound = −0.255,   upper bound = −0.196,   p−value = 0

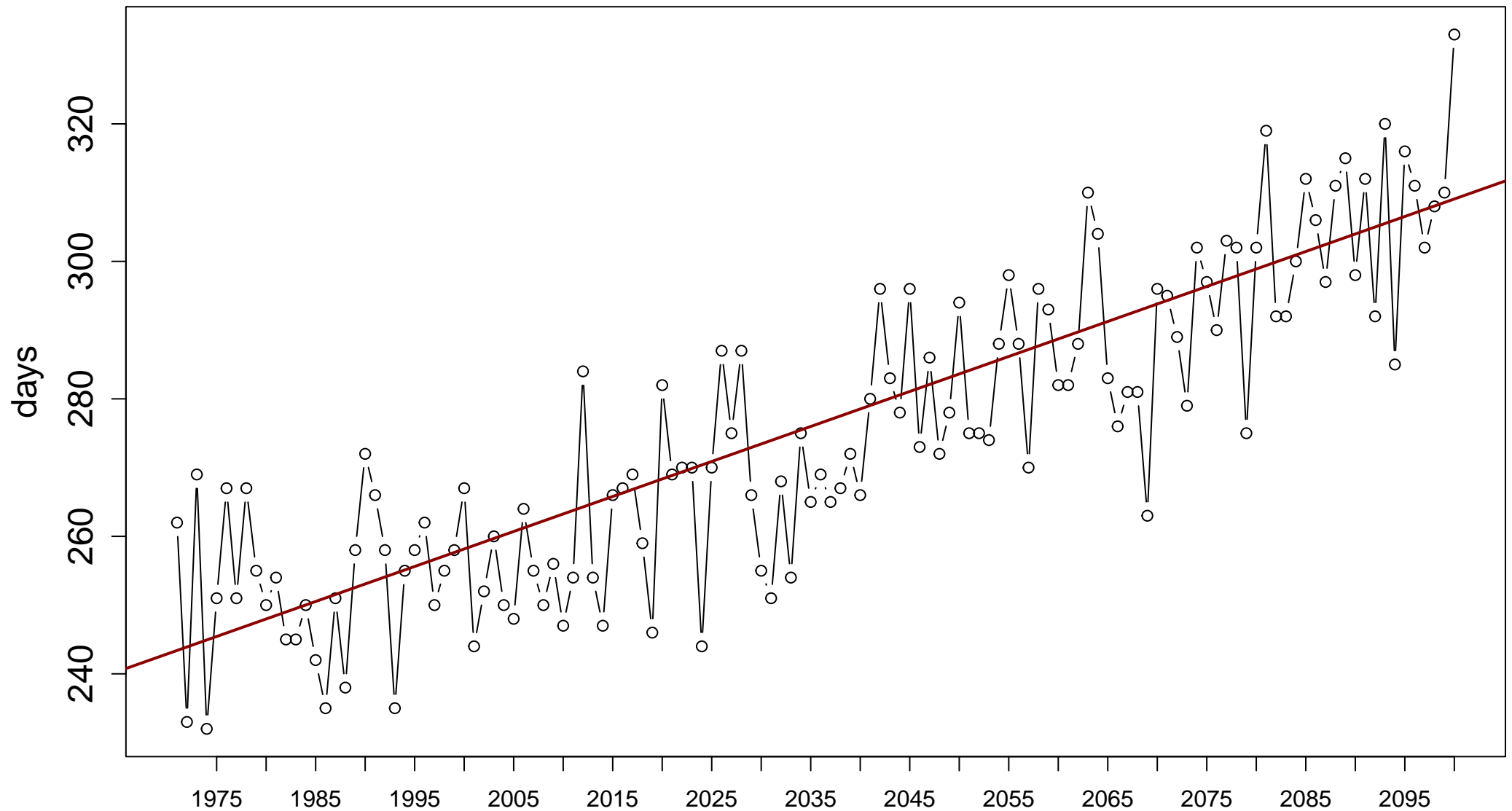Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tmlt5. Monthly number of days when TM < 5 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6
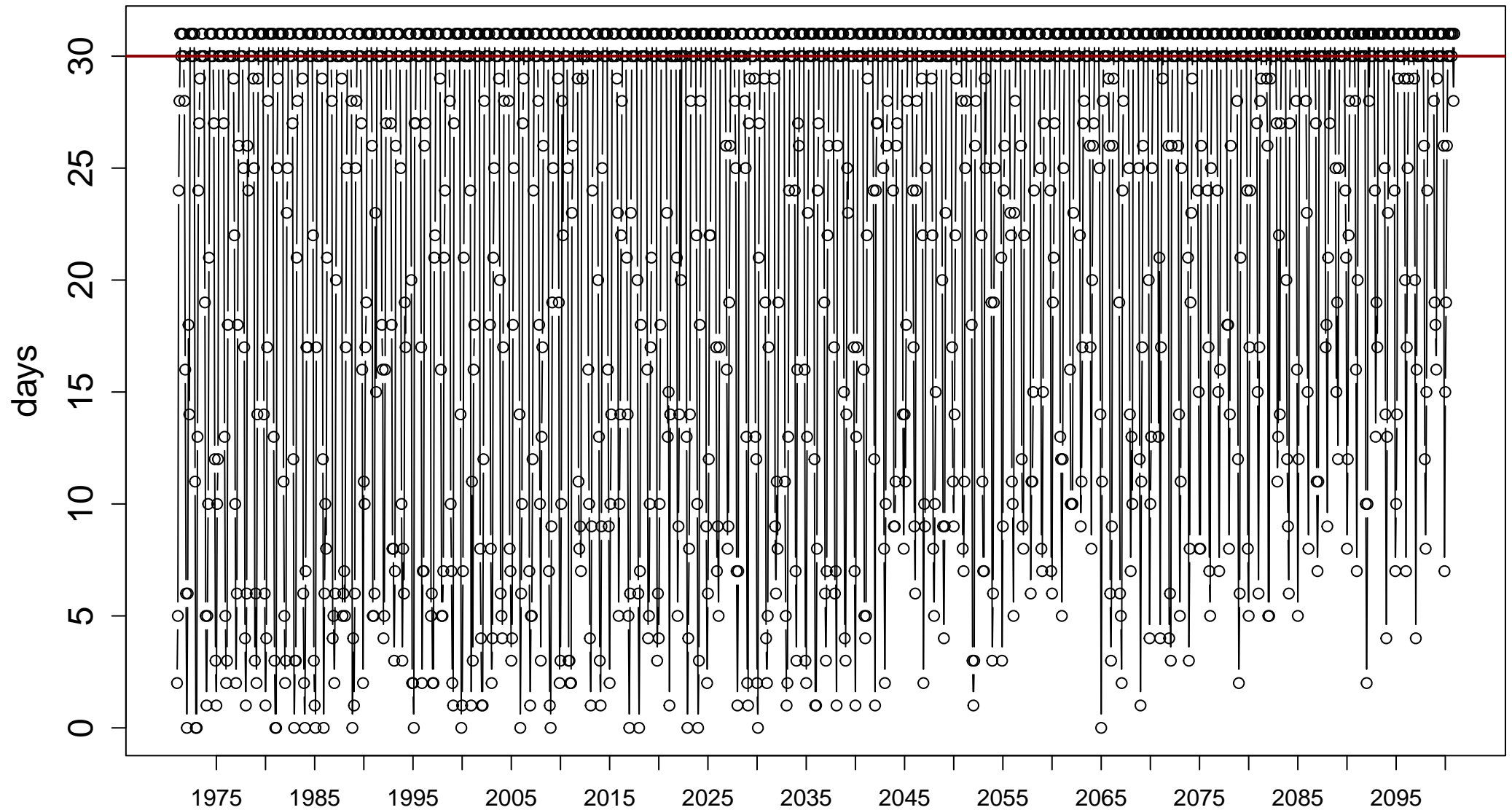
Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: tmge10. Annual number of days when TM >= 10 degrees_C

Sen's slope = 0.509   lower bound = 0.452,   upper bound = 0.56,   p–value = 0

Climpact v 3.1.6
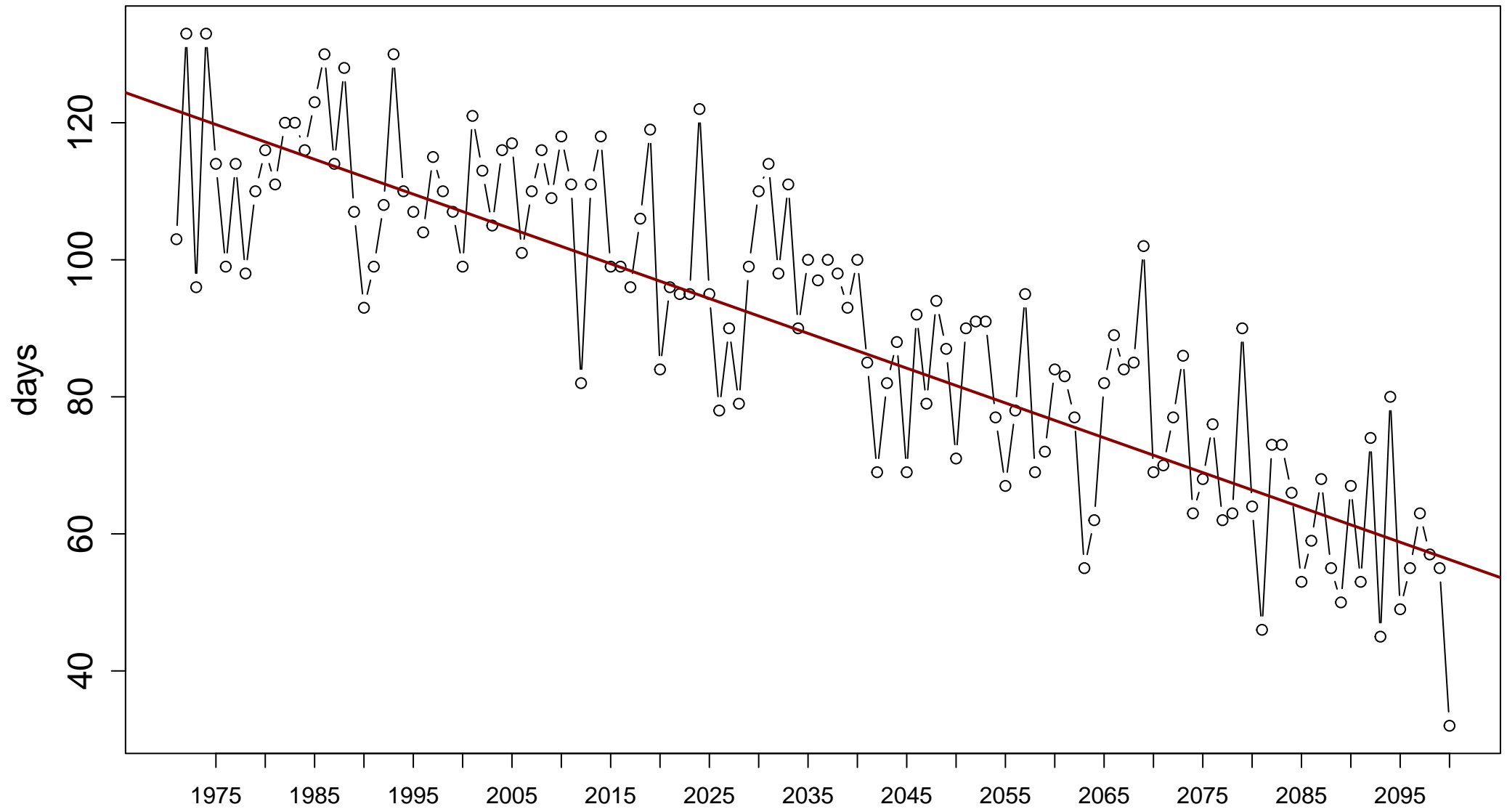
Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: tmge10. Monthly number of days when TM >= 10 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p–value = 0

Climpact v 3.1.6

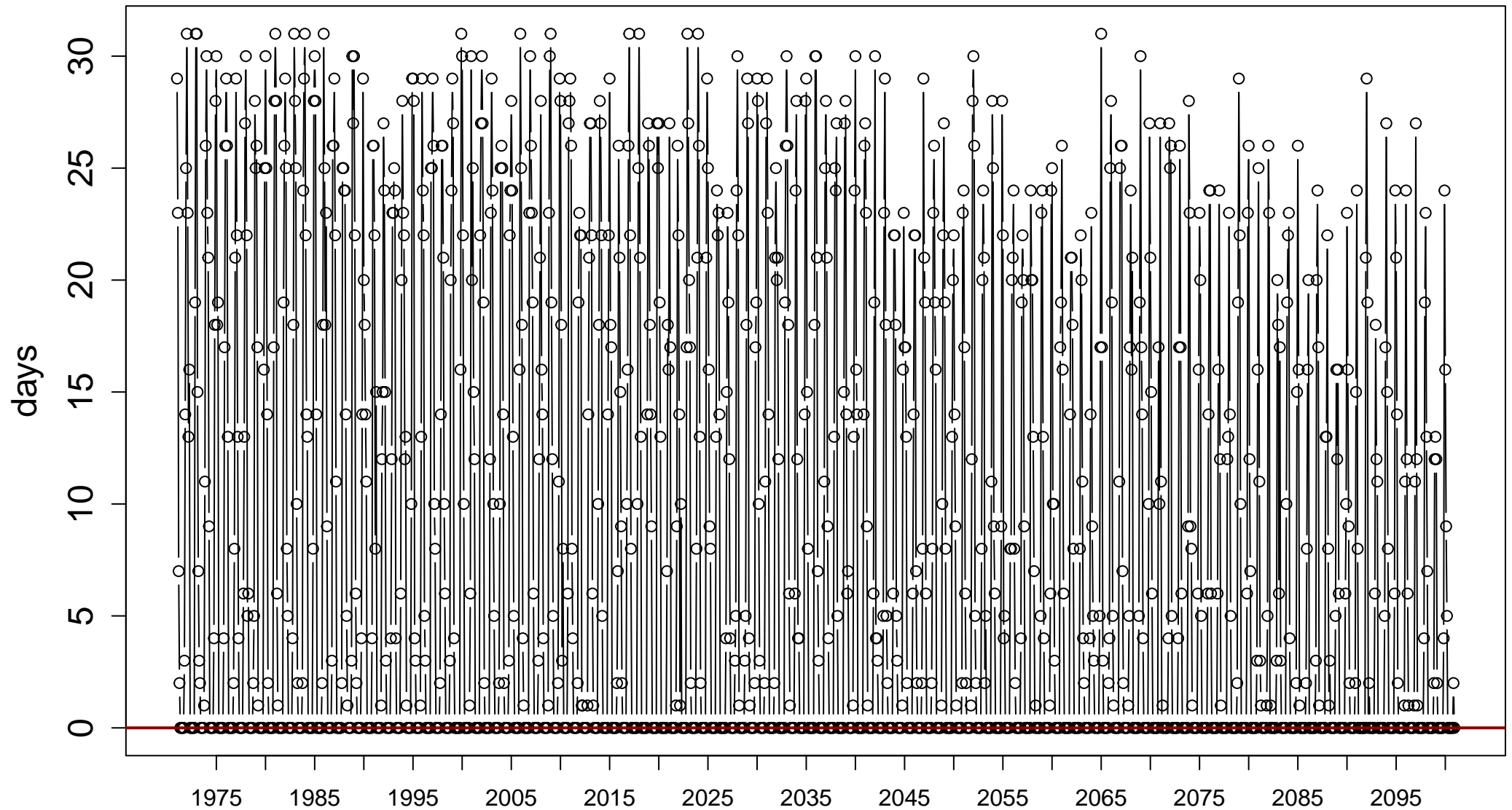# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tmlt10. Annual number of days when TM < 10 degrees_C

Sen's slope = −0.508   lower bound = −0.562,   upper bound = −0.454,   p−value = 0

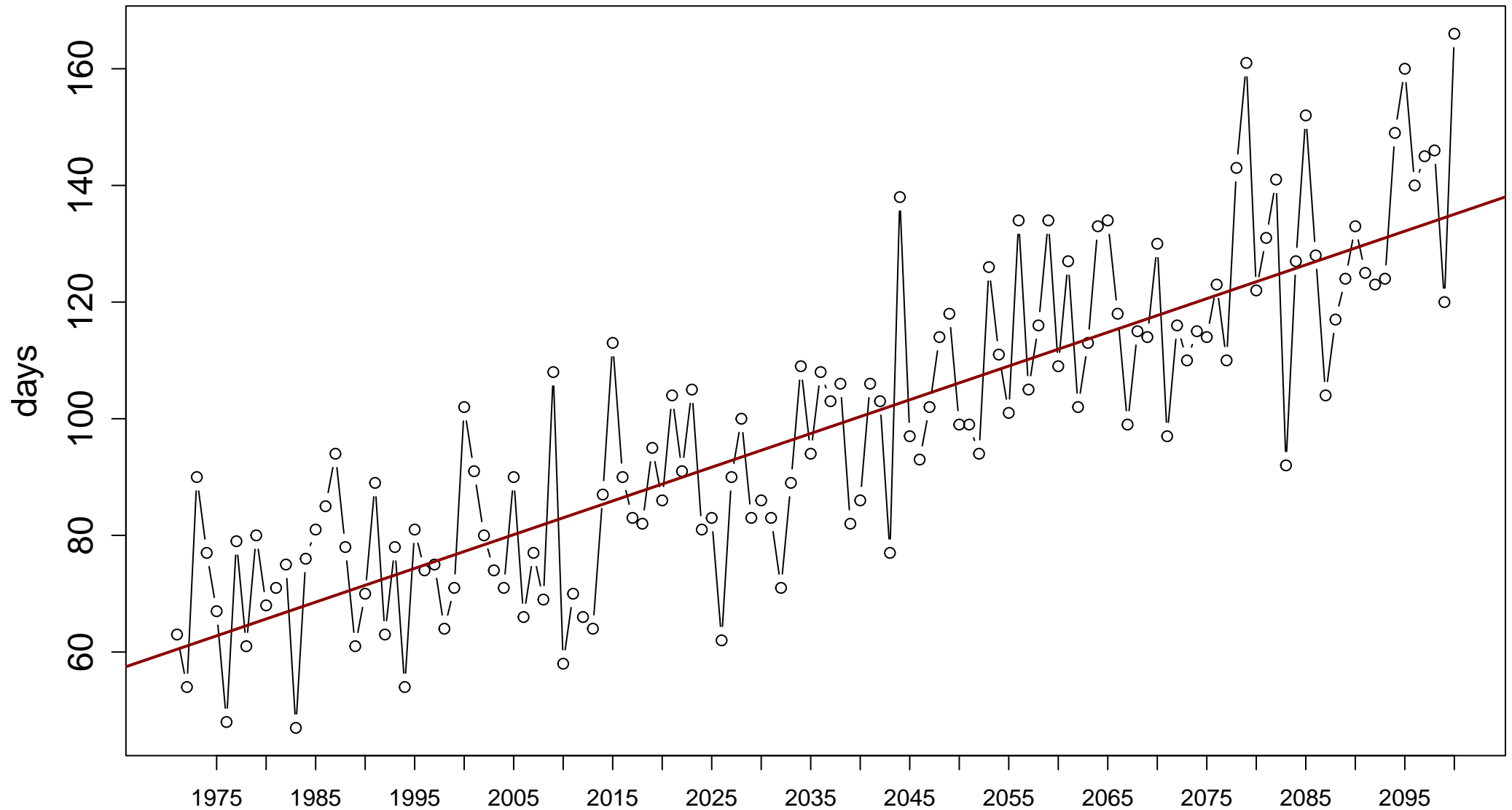Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tmlt10. Monthly number of days when TM < 10 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6
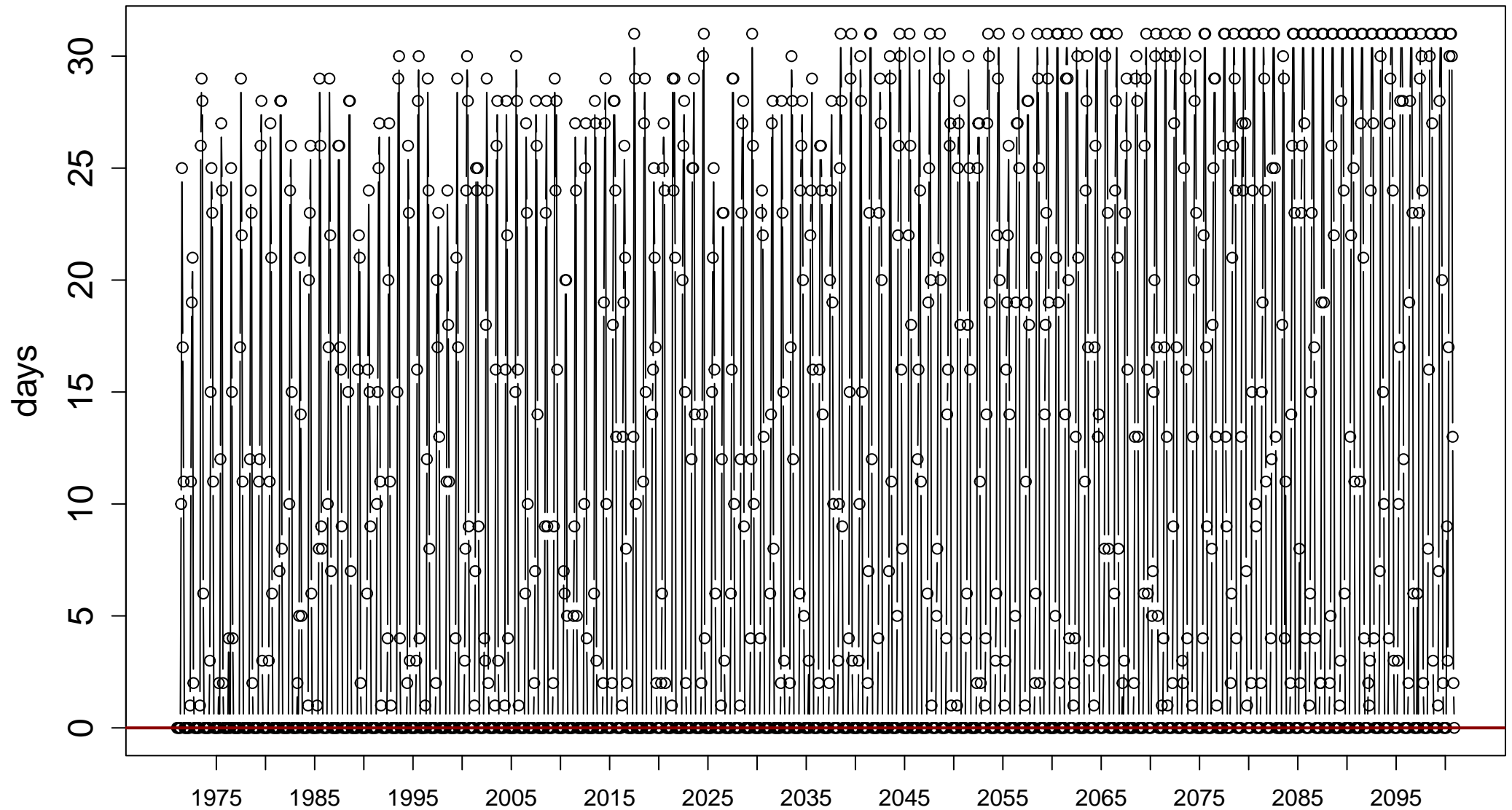
Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: txge30. Annual number of days when TX >= 30 degrees_C

Sen's slope = 0.578   lower bound = 0.509,   upper bound = 0.649,   p−value = 0

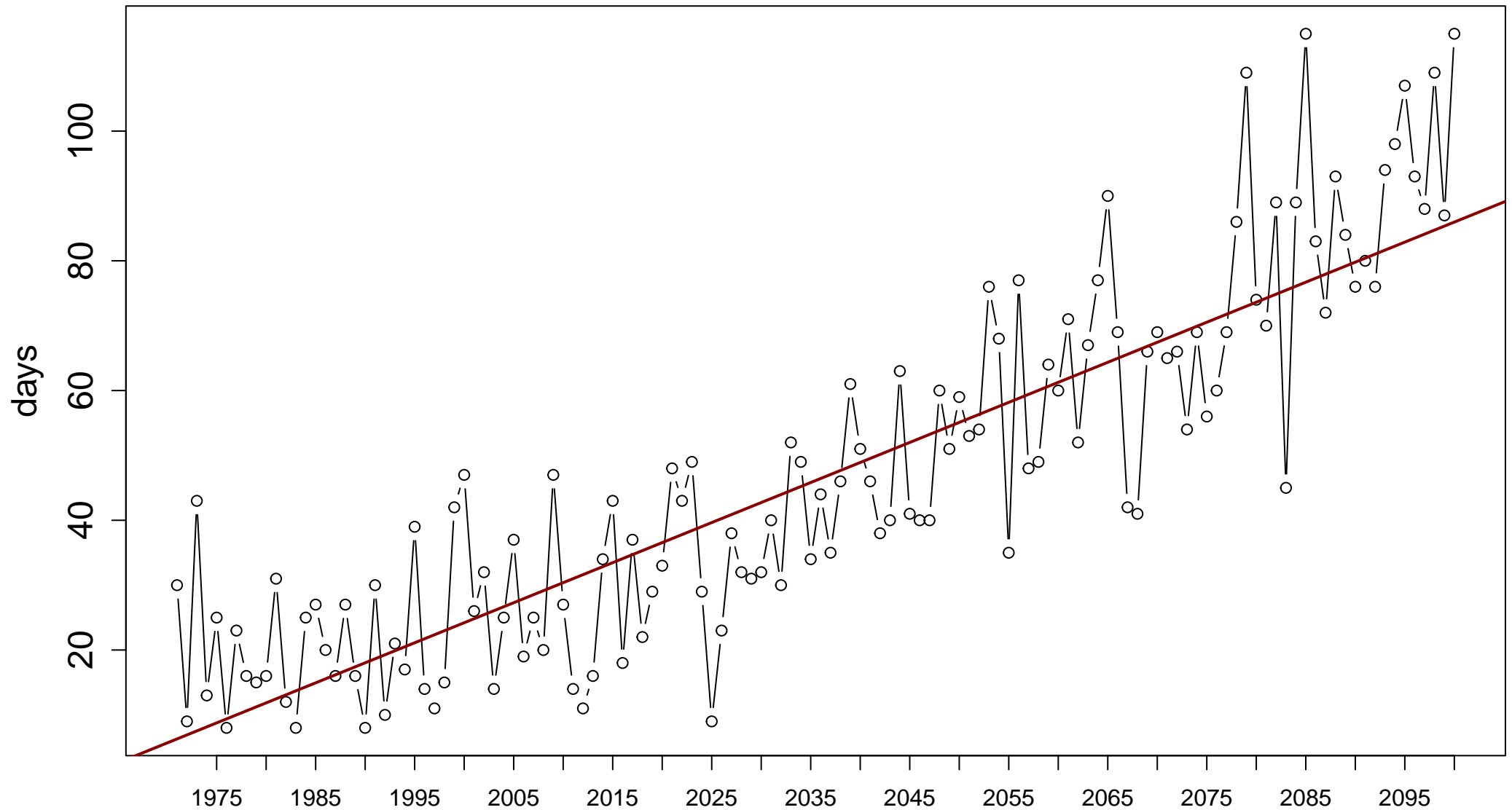Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: txge30. Monthly number of days when TX >= 30 degrees_C

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6
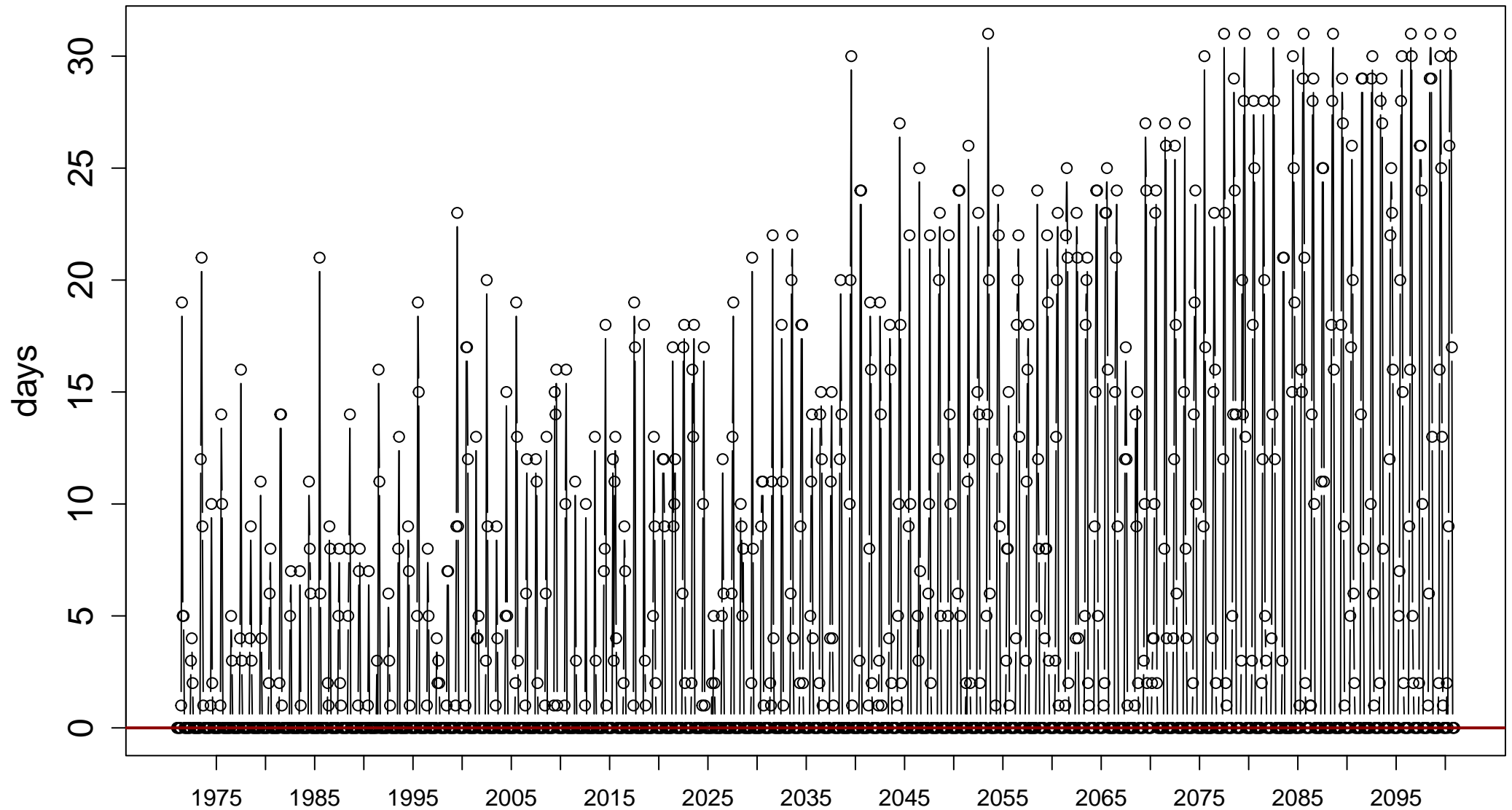
Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: txge35. Annual number of days when TX >= 35 degrees_C

Sen's slope = 0.618   lower bound = 0.559,   upper bound = 0.68,   p−value = 0

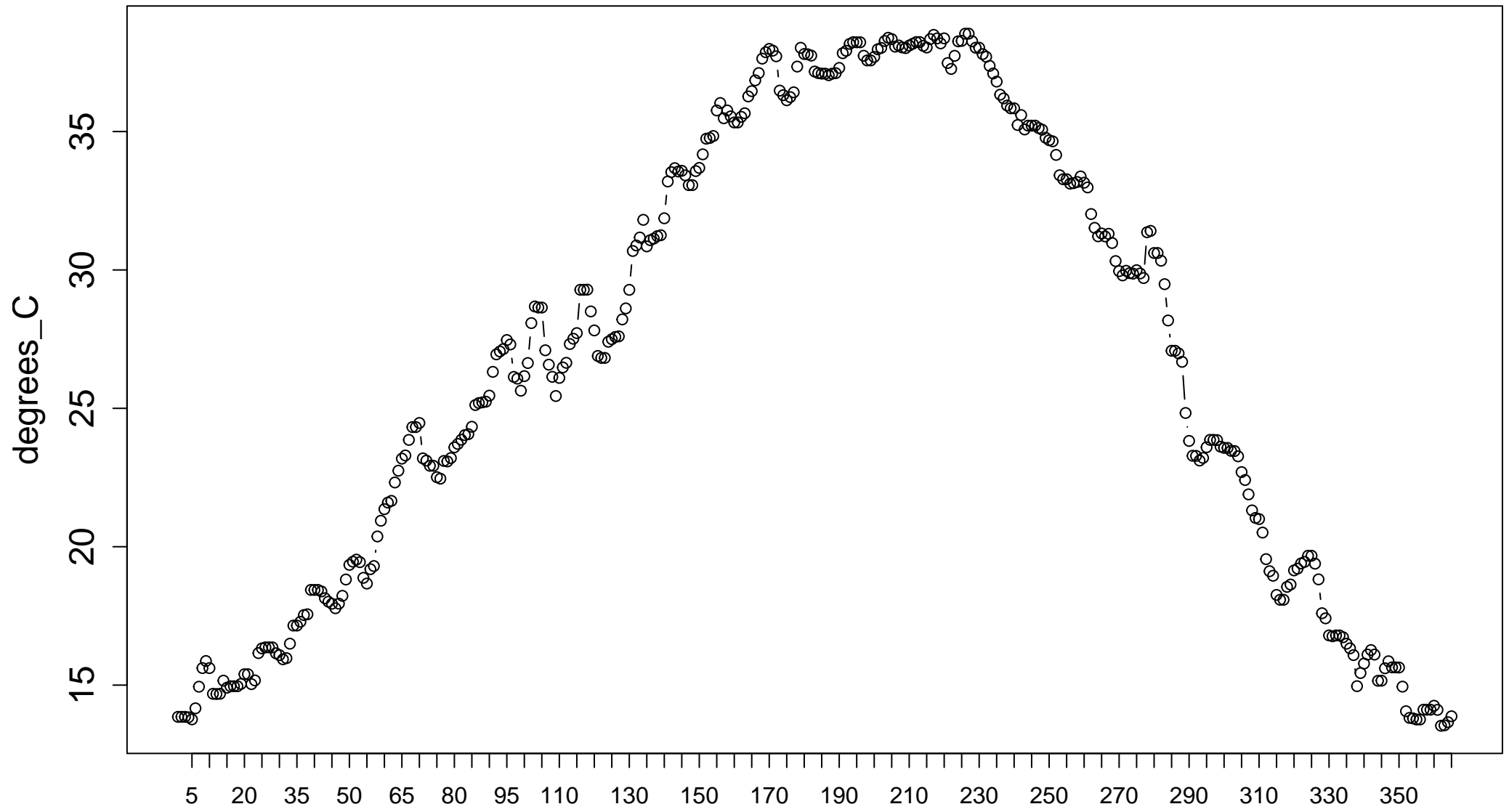Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: txge35. Monthly number of days when TX >= 35 degrees_C

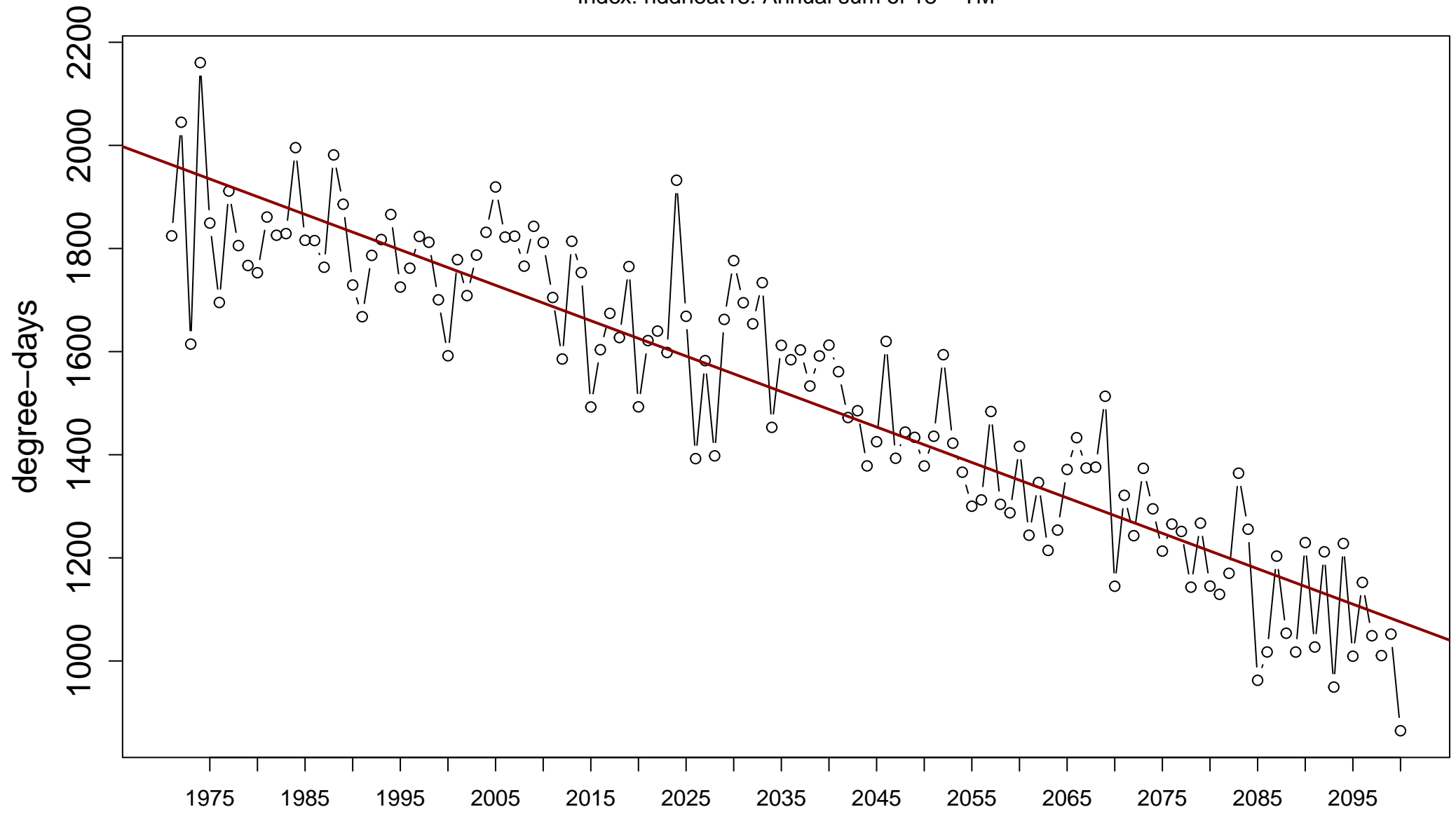Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tx95t. Value of 95th percentile of TX

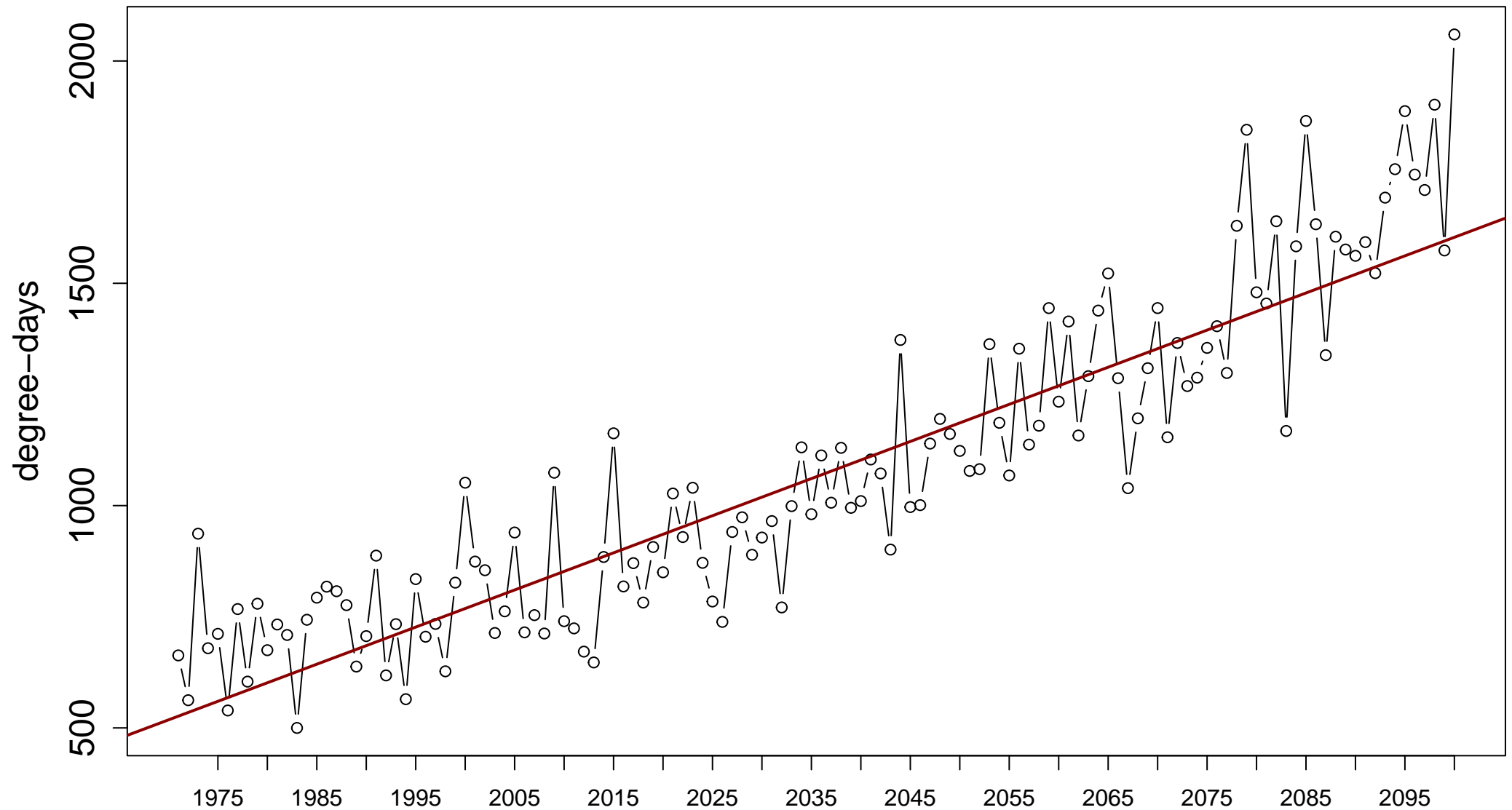Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: hddheat18. Annual sum of 18 − TM

Sen's slope = −6.872   lower bound = −7.423,   upper bound = −6.315,   p−value = 0

Climpact v 3.1.6

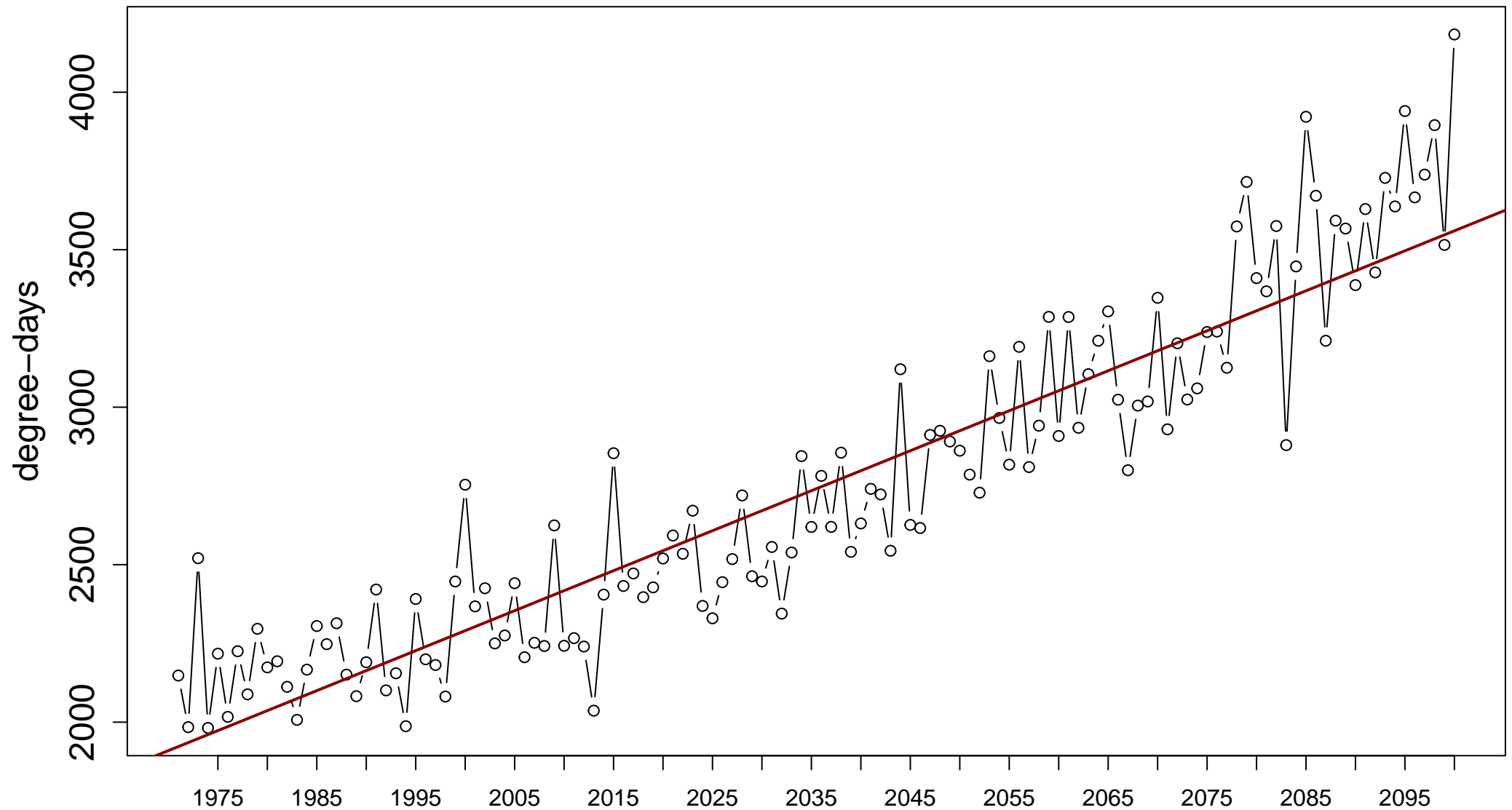# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: cddcold18. Annual sum of TM – 18

Sen's slope = 8.35   lower bound = 7.594,   upper bound = 9.085,   p–value = 0

Climpact v 3.1.6

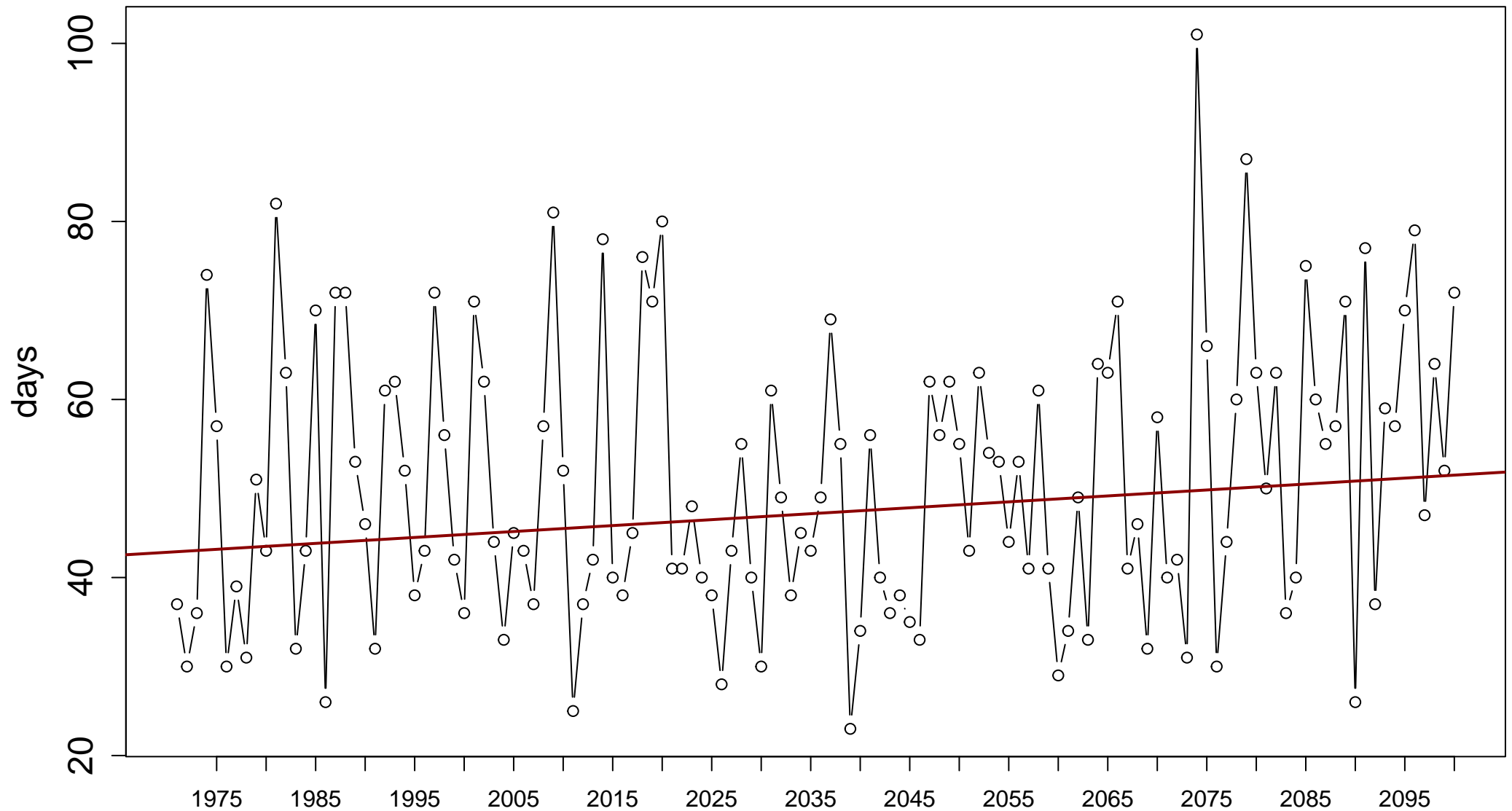# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: gddgrow10. Annual sum of TM − 10

Sen's slope = 12.693   lower bound = 11.669,   upper bound = 13.668,   p−value = 0

Climpact v 3.1.6

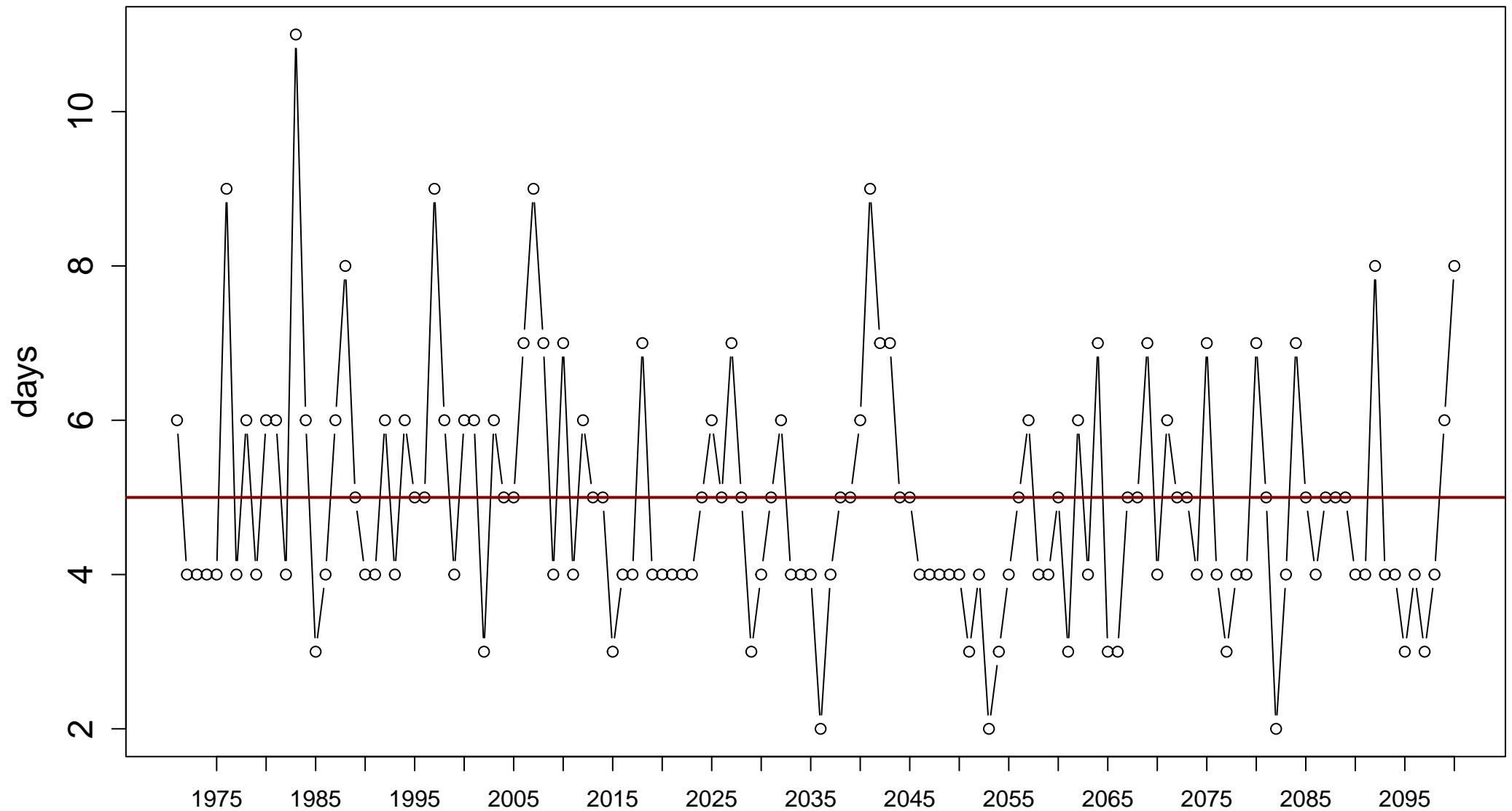**Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]**

Index: cdd. Maximum annual number of consecutive dry days (when precipitation < 1.0 mm)

Sen's slope = 0.067   lower bound = 0,   upper bound = 0.148,   p−value = 0.069

Climpact v 3.1.6

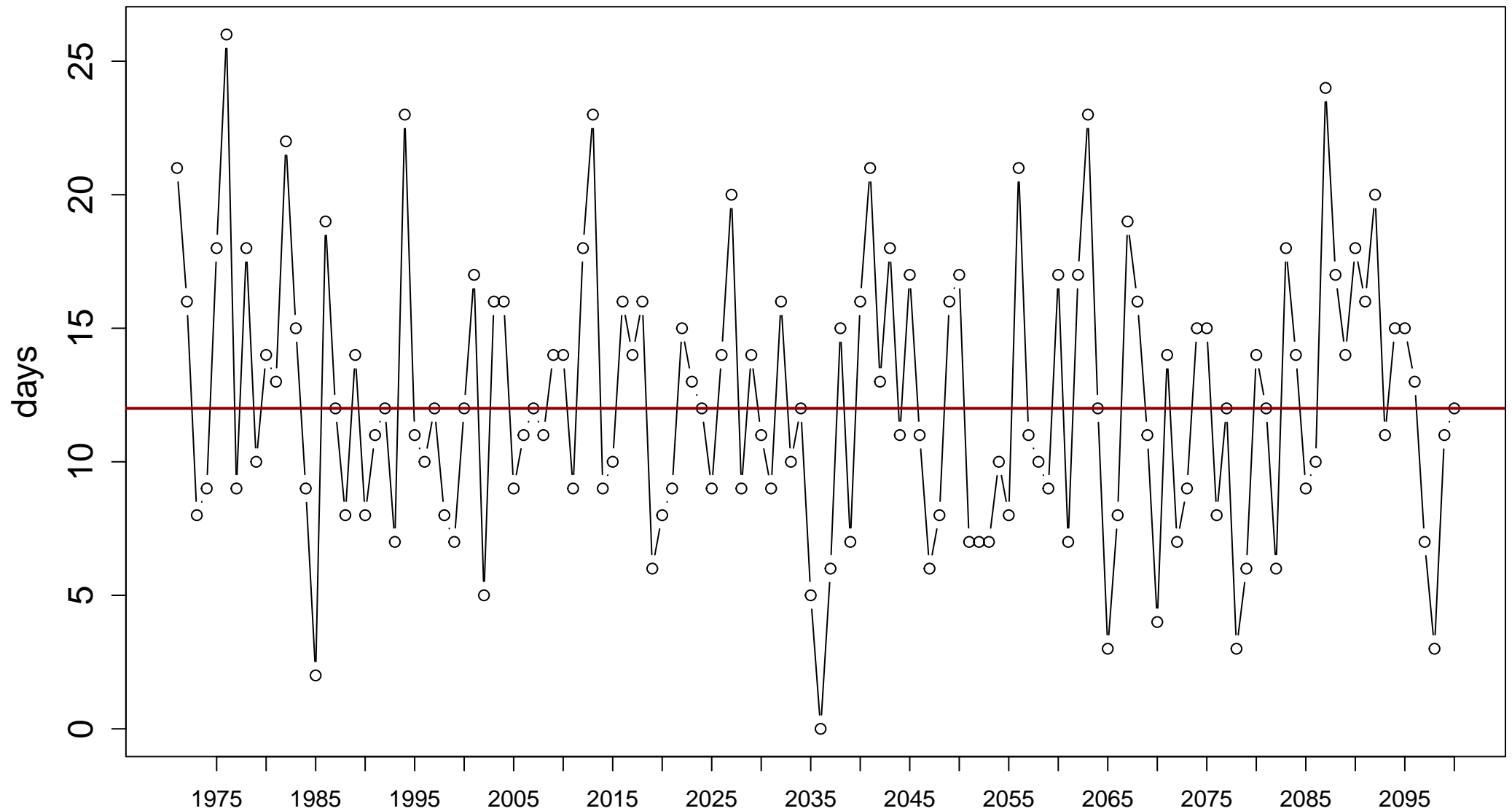# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: cwd. Maximum annual number of consecutive wet days (when precipitation >= 1.0 mm)

Sen's slope = 0   lower bound = –0.008,   upper bound = 0,   p–value = 0.061

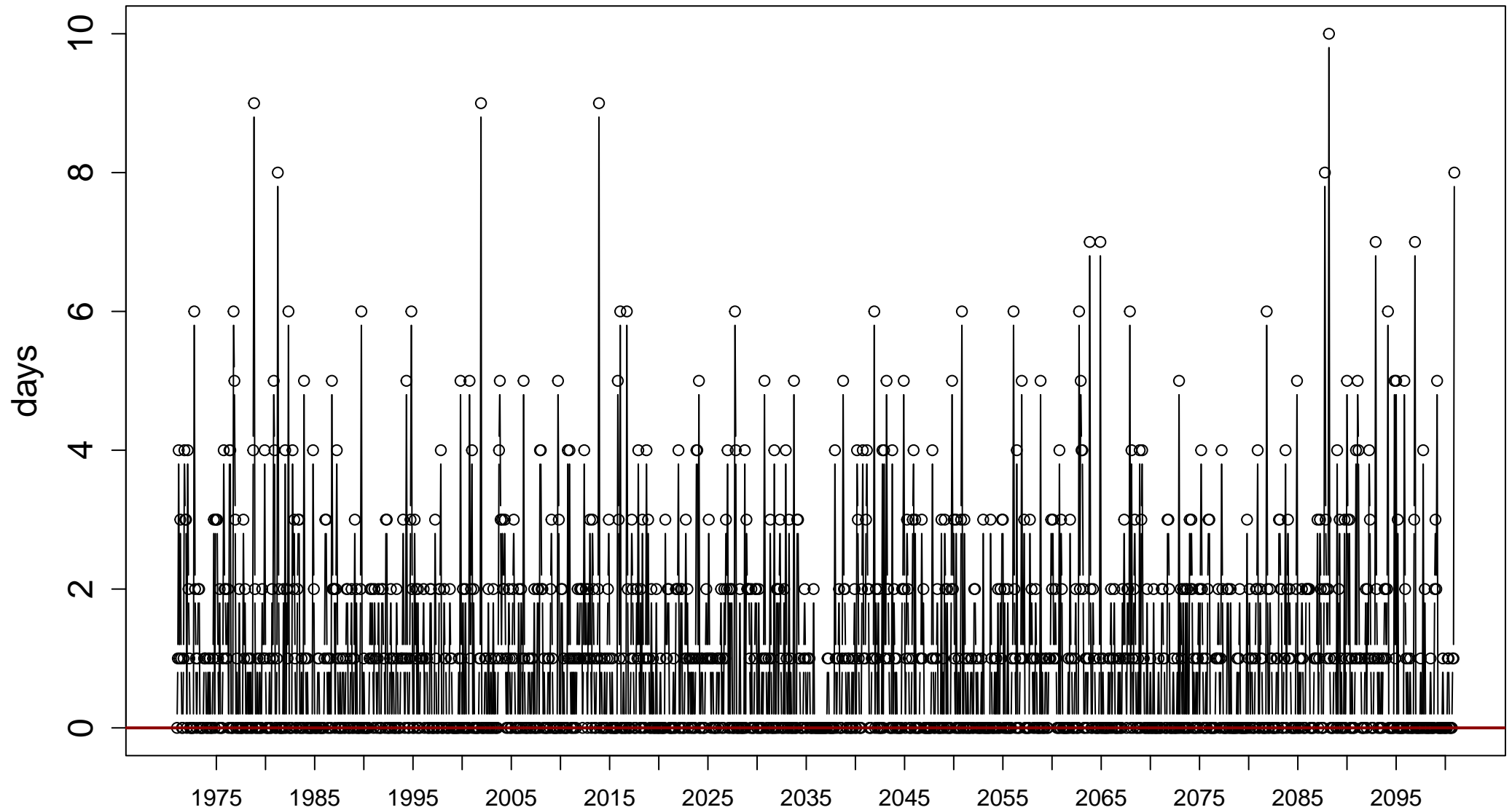**Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]**

Index: r10mm. Annual number of days when precipitation >= 10 mm

days

Sen's slope = 0   lower bound = −0.03,   upper bound = 0.016,   p−value = 0.589

Climpact v 3.1.6
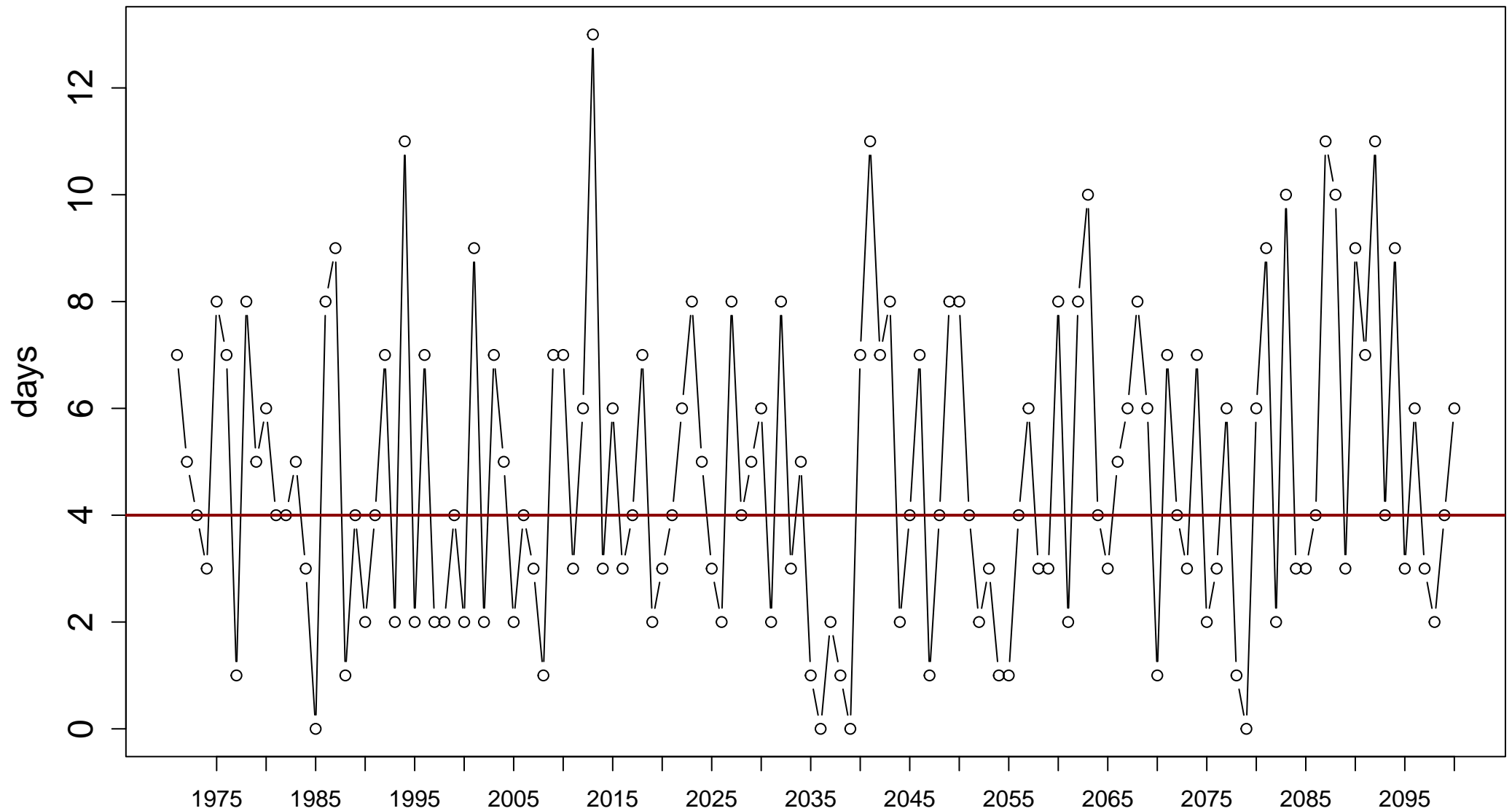
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r10mm. Monthly number of days when precipitation >= 10 mm

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.228

Climpact v 3.1.6
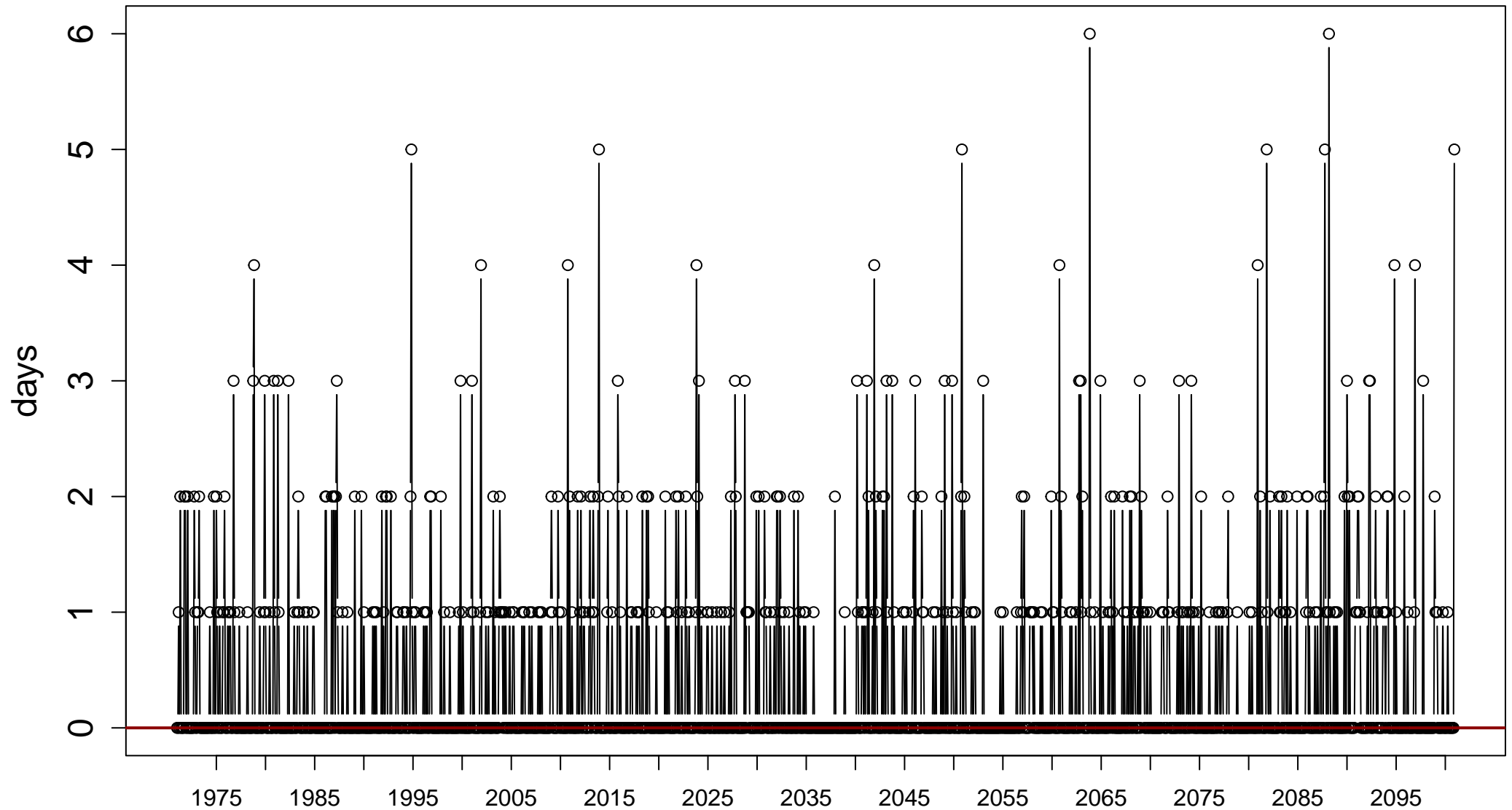
Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: r20mm. Annual number of days when precipitation >= 20 mm

Sen's slope = 0   lower bound = 0,   upper bound = 0.016,   p−value = 0.572

Climpact v 3.1.6
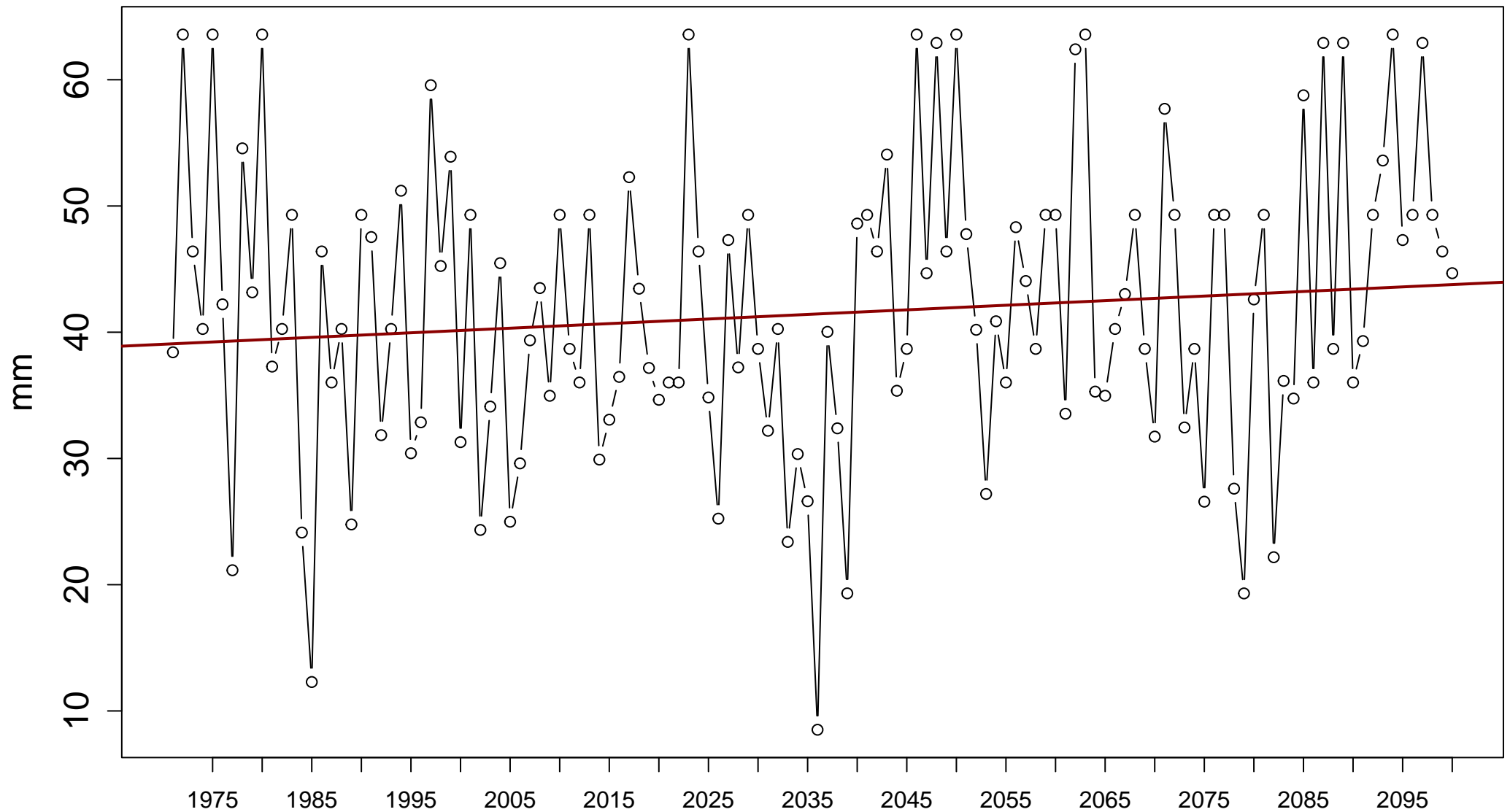
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r20mm. Monthly number of days when precipitation >= 20 mm

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.77

Climpact v 3.1.6

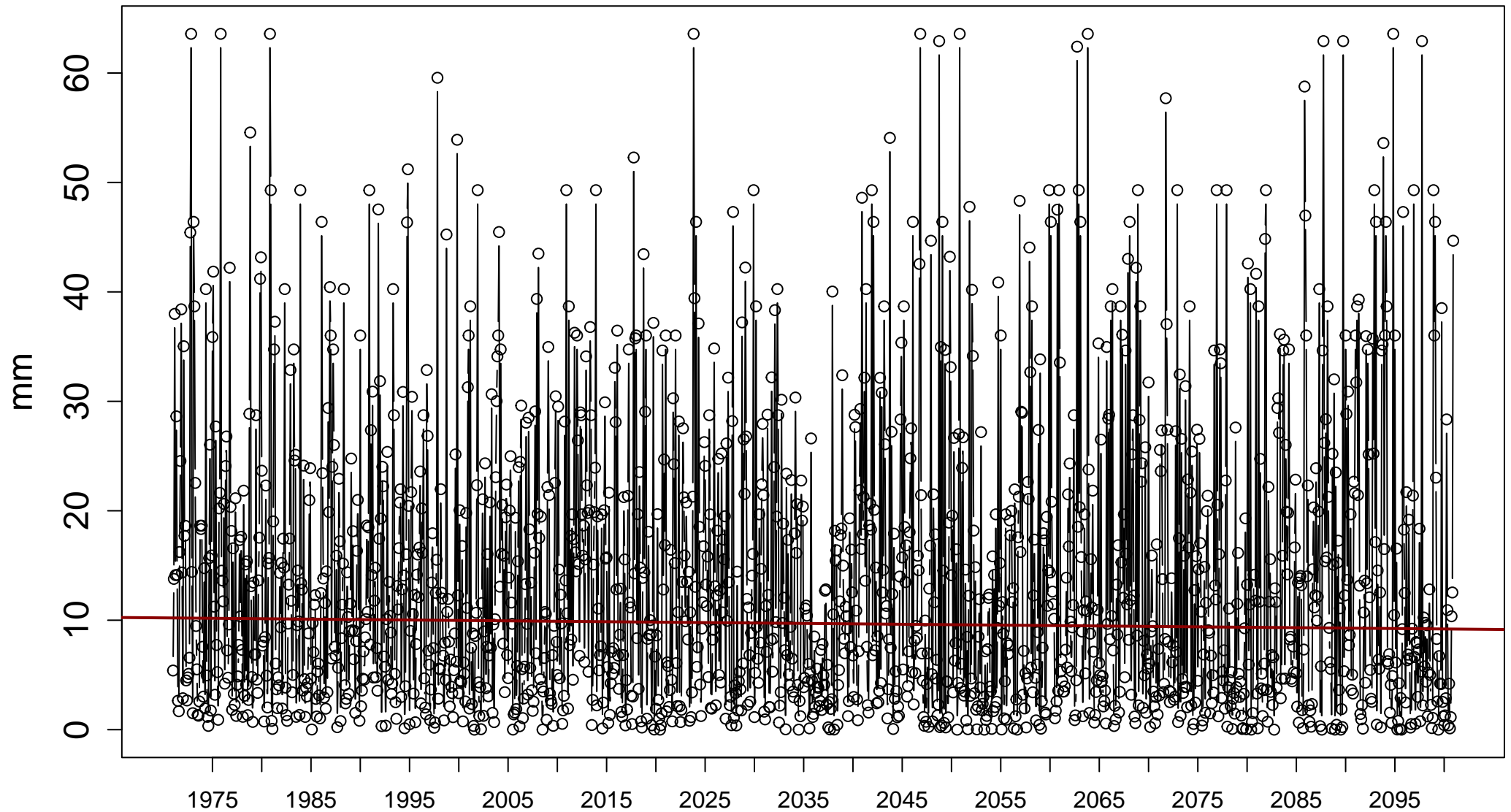# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: rx1day. Maximum annual 1−day precipitation total

Sen's slope = 0.036   lower bound = 0,   upper bound = 0.096,   p−value = 0.132

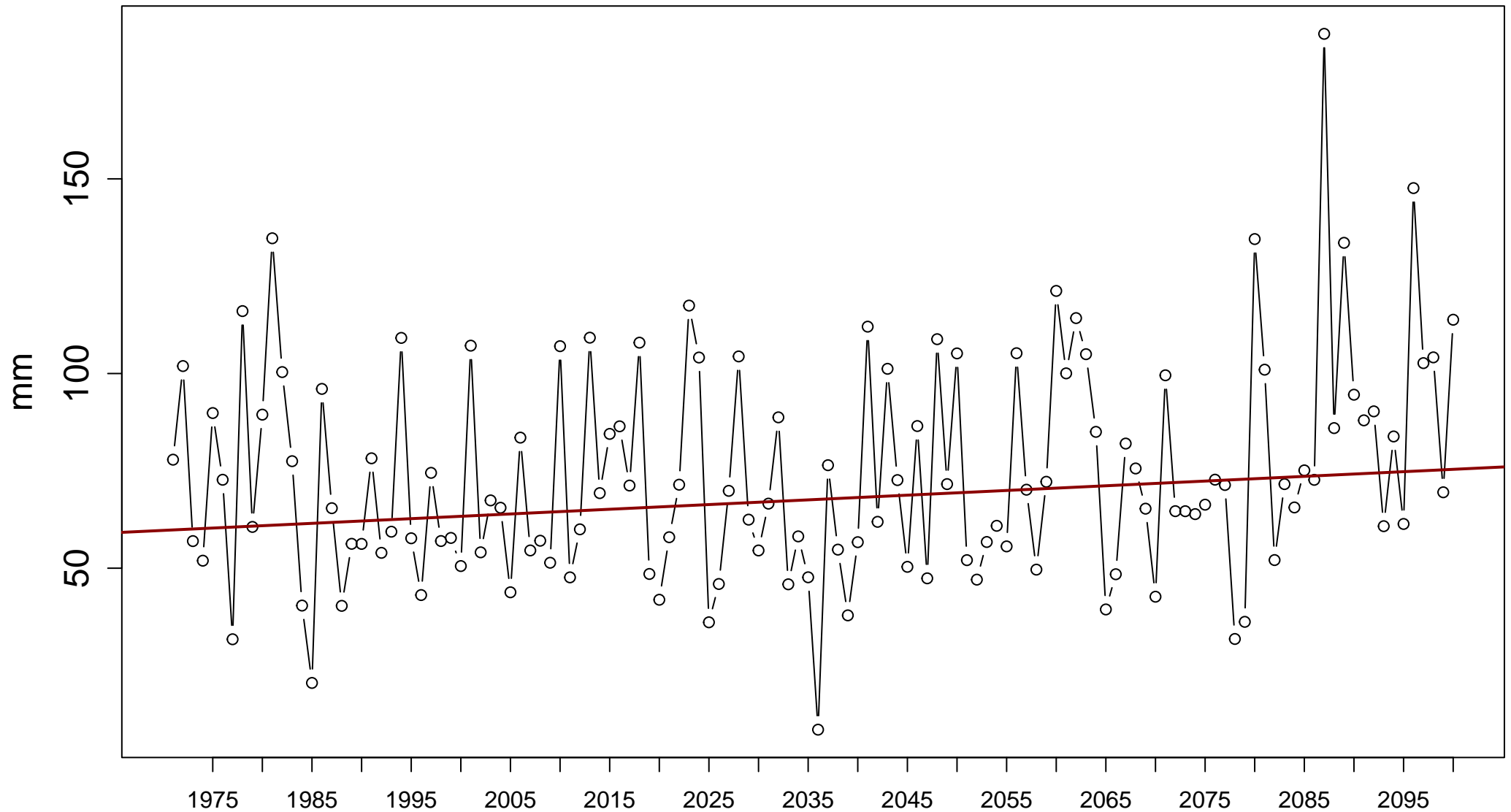# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: rx1day. Maximum monthly 1−day precipitation total

Sen's slope = −0.001   lower bound = −0.002,   upper bound = 0,   p−value = 0.143

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: rx5day. Maximum annual 5−day precipitation total

Sen's slope = 0.121   lower bound = 0.007,   upper bound = 0.246,   p−value = 0.037

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: rx5day. Maximum monthly 5−day precipitation total

Sen's slope = −0.002   lower bound = −0.003,   upper bound = 0,   p−value = 0.033

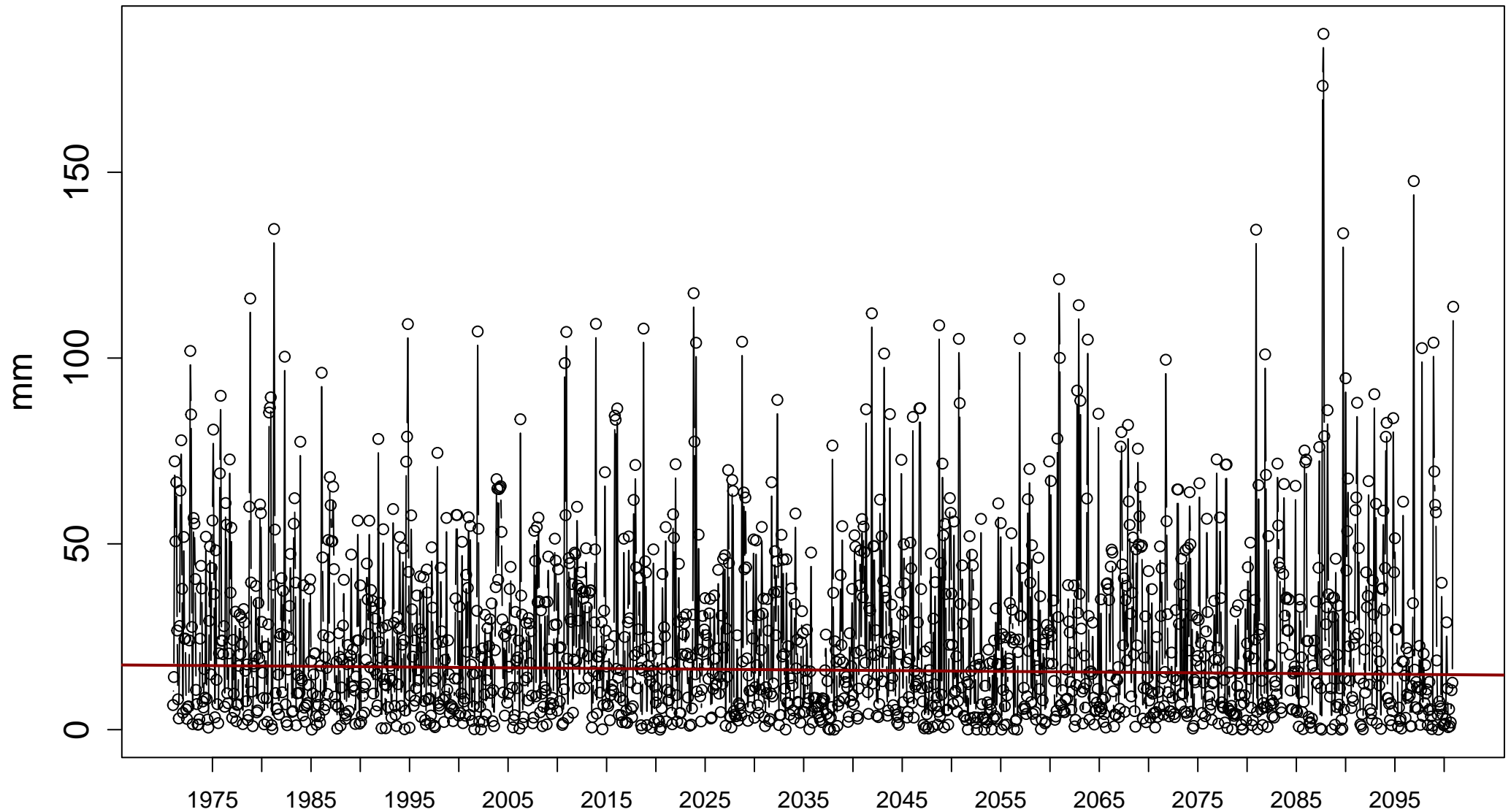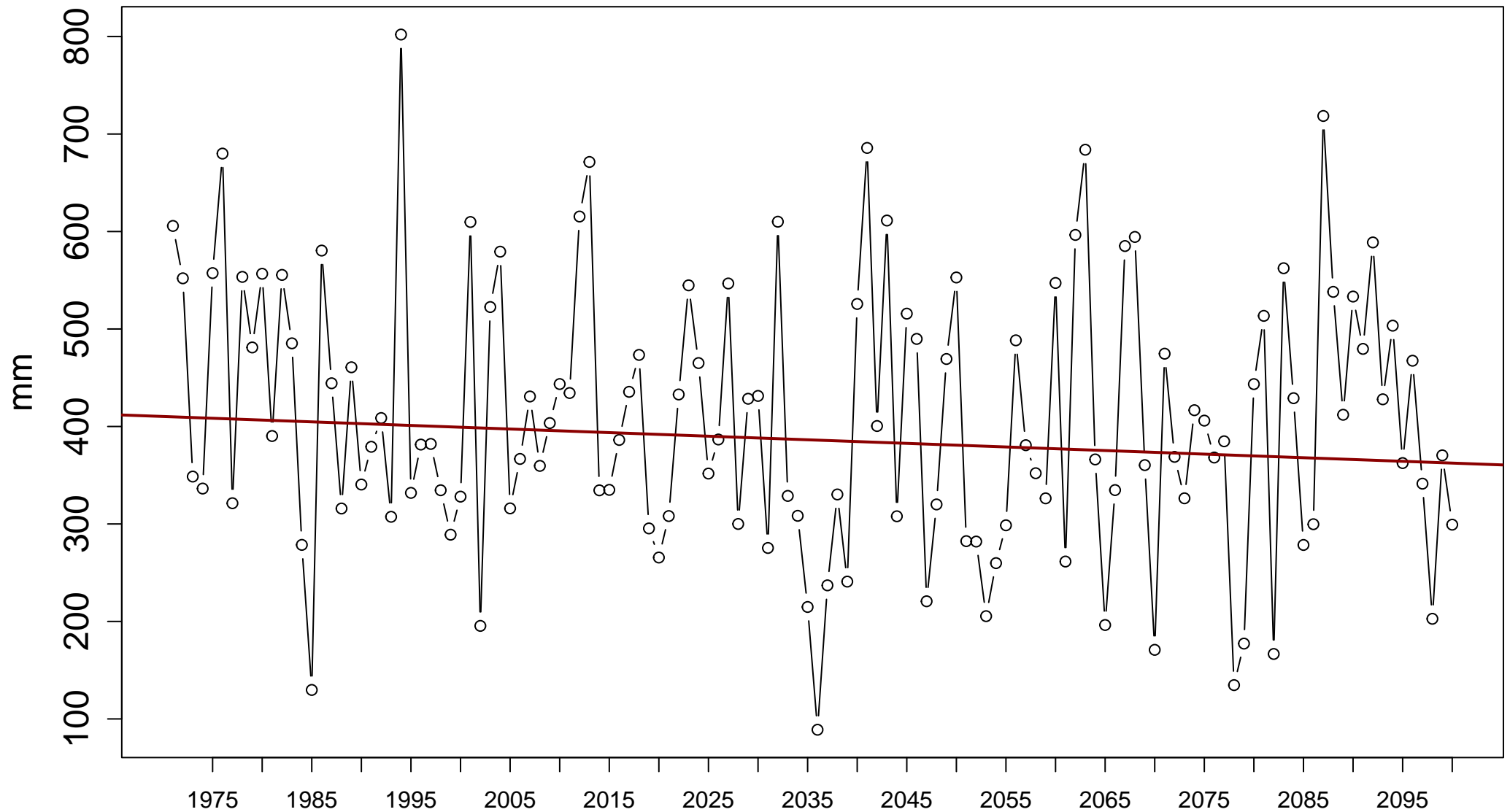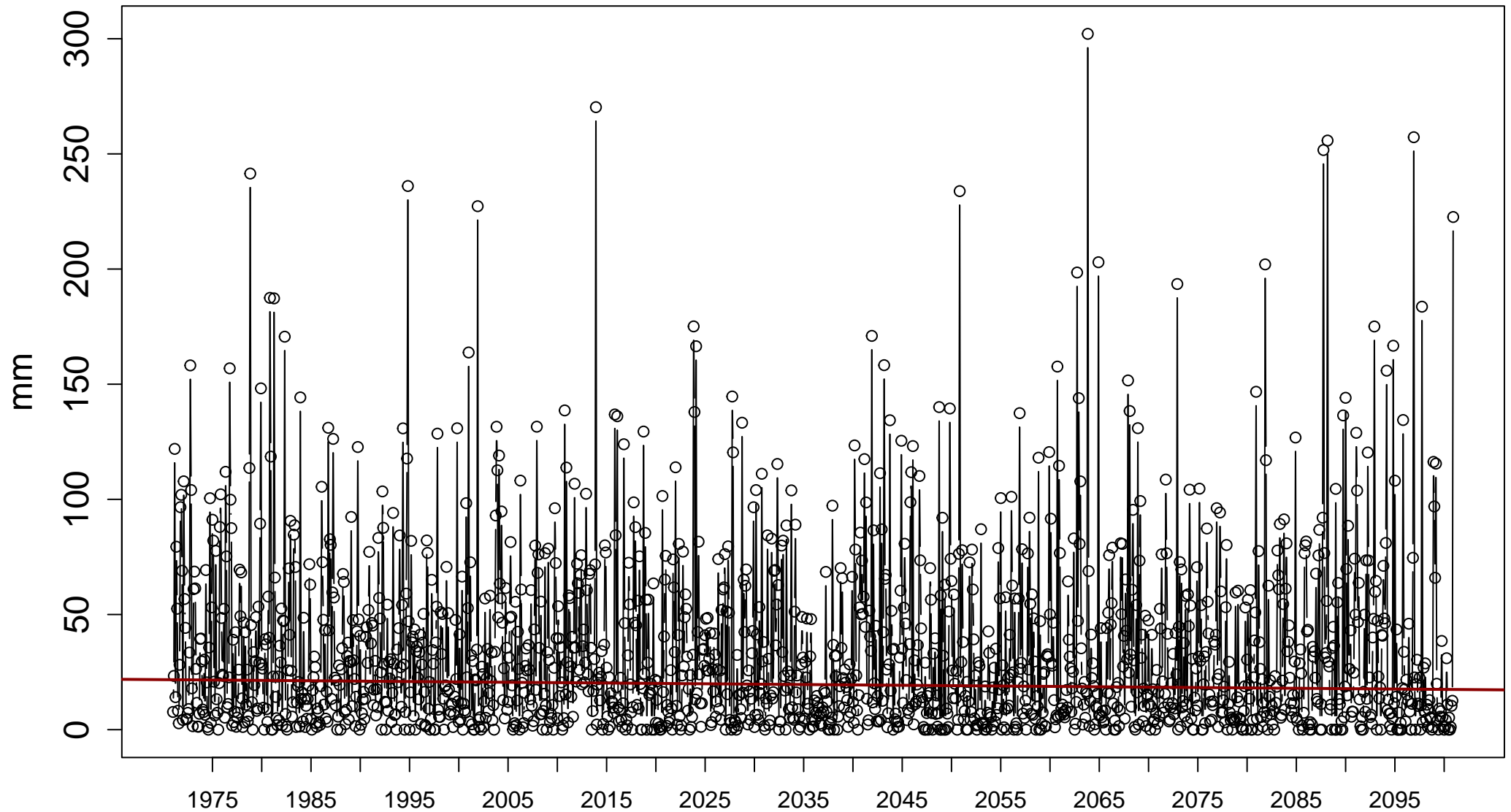# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: prcptot. Annual sum of daily precipitation >= 1.0 mm

Sen's slope = −0.368   lower bound = −1.06,   upper bound = 0.252,   p−value = 0.217

Climpact v 3.1.6

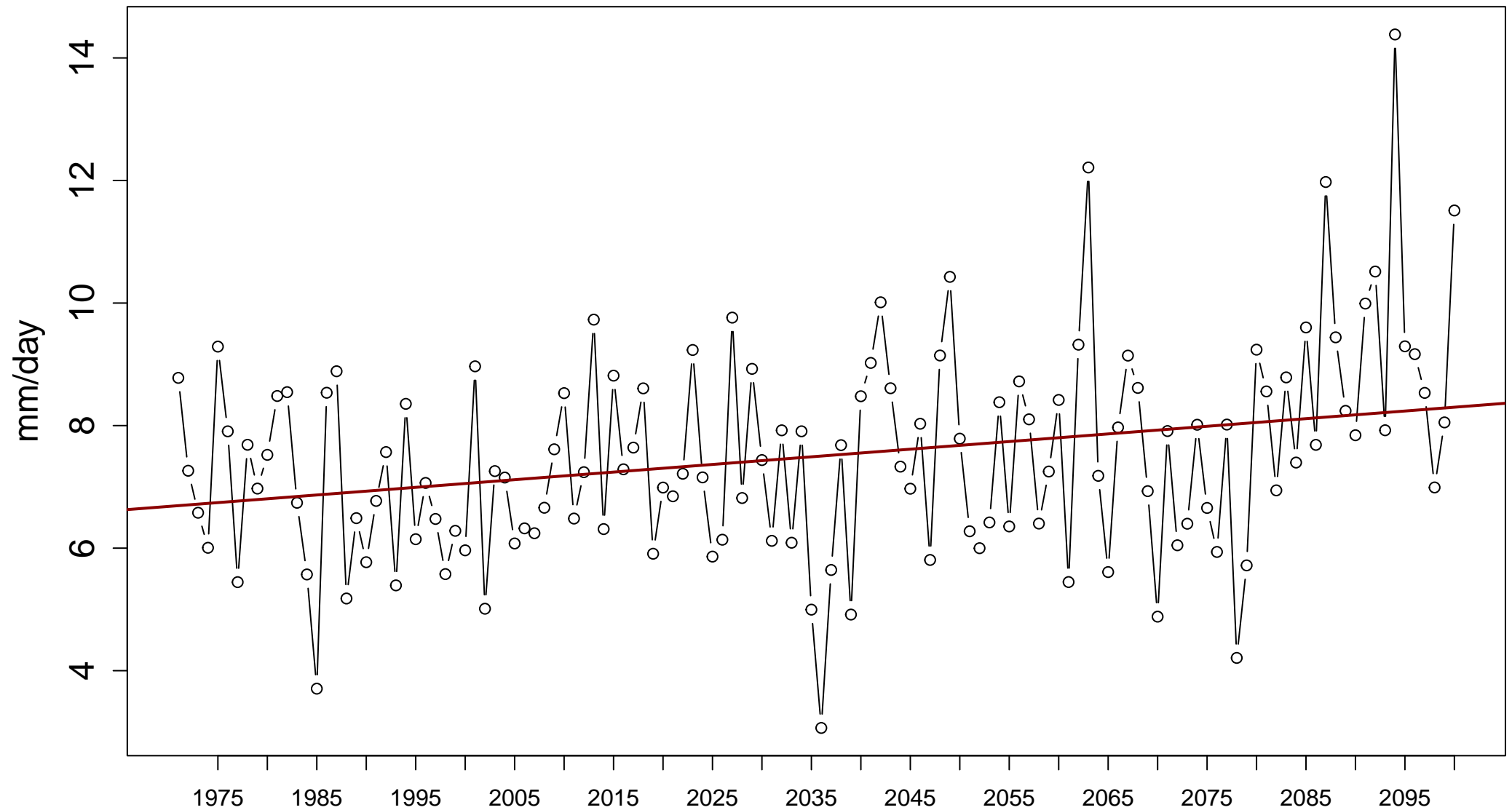# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: prcptot. Monthly sum of daily precipitation >= 1.0 mm

Sen's slope = −0.003   lower bound = −0.005,   upper bound = −0.001,   p−value = 0.004

Climpact v 3.1.6

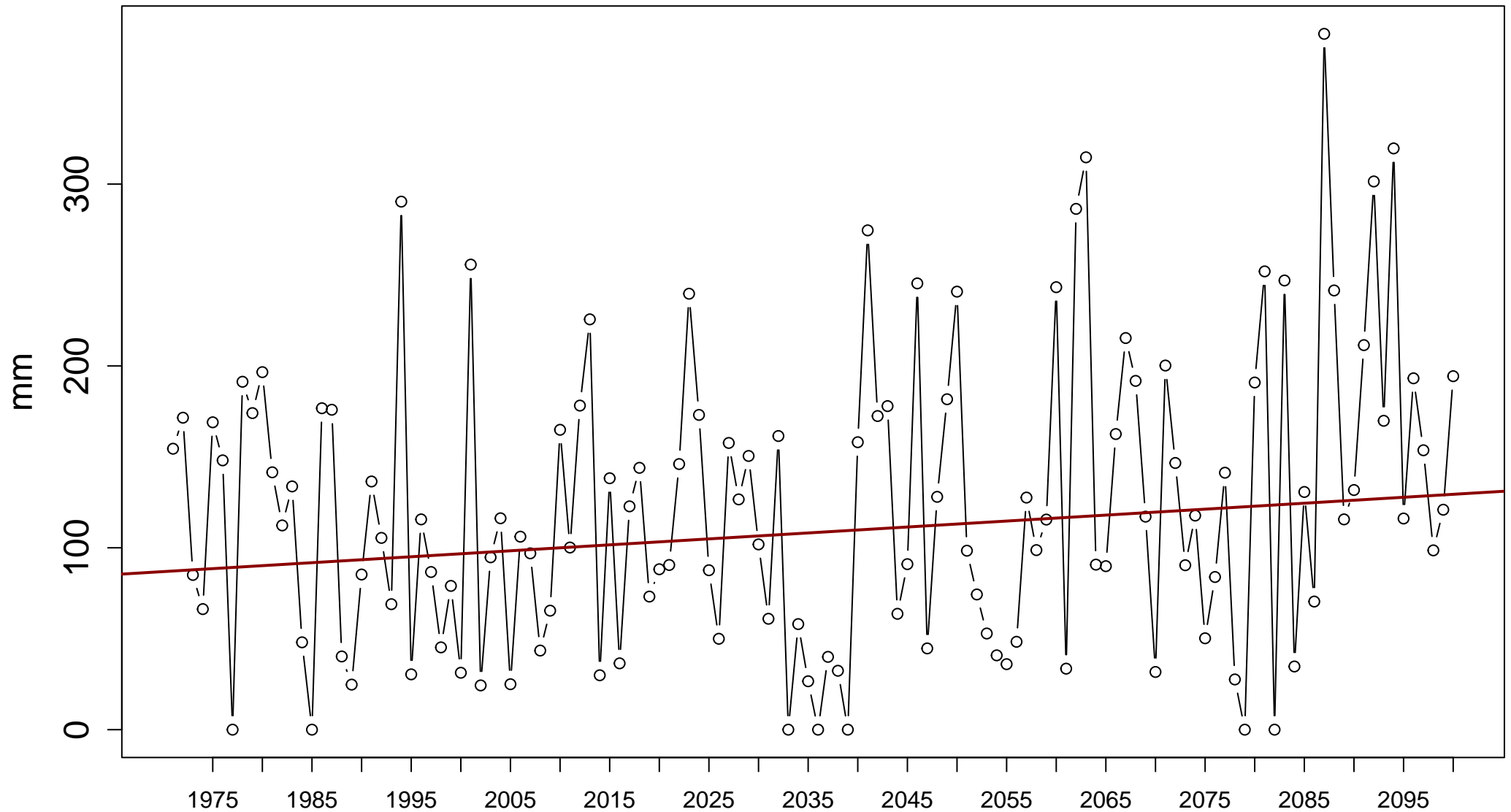# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: sdii. Annual total precipitation divided by the number of wet days (when total precipitation >= 1.0 mm)

Sen's slope = 0.012   lower bound = 0.005,   upper bound = 0.02,   p–value = 0.001

Climpact v 3.1.6

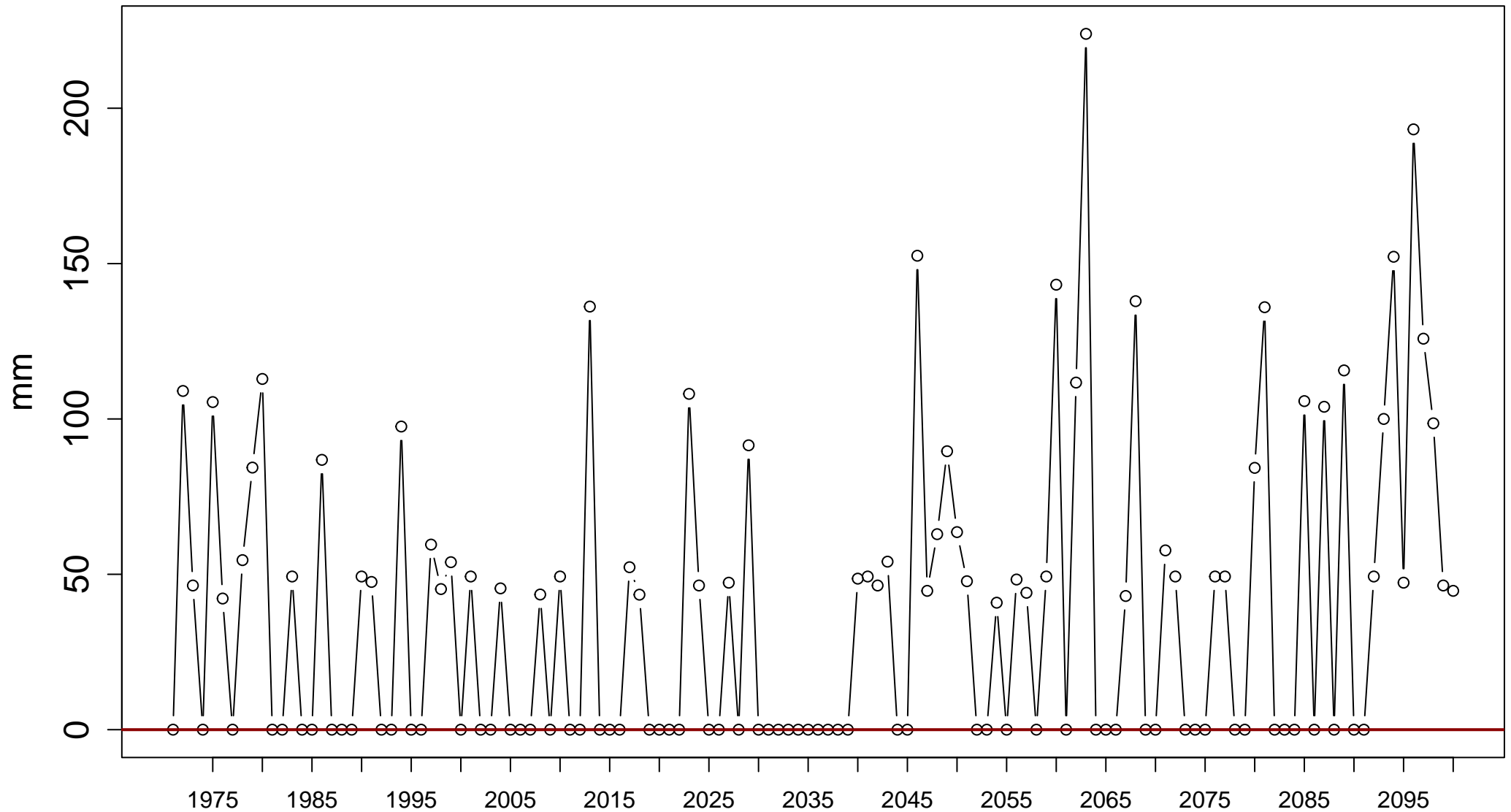# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: r95p. Annual sum of daily precipitation > 95th percentile

Sen's slope = 0.327   lower bound = –0.007,   upper bound = 0.712,   p–value = 0.06

Climpact v 3.1.6
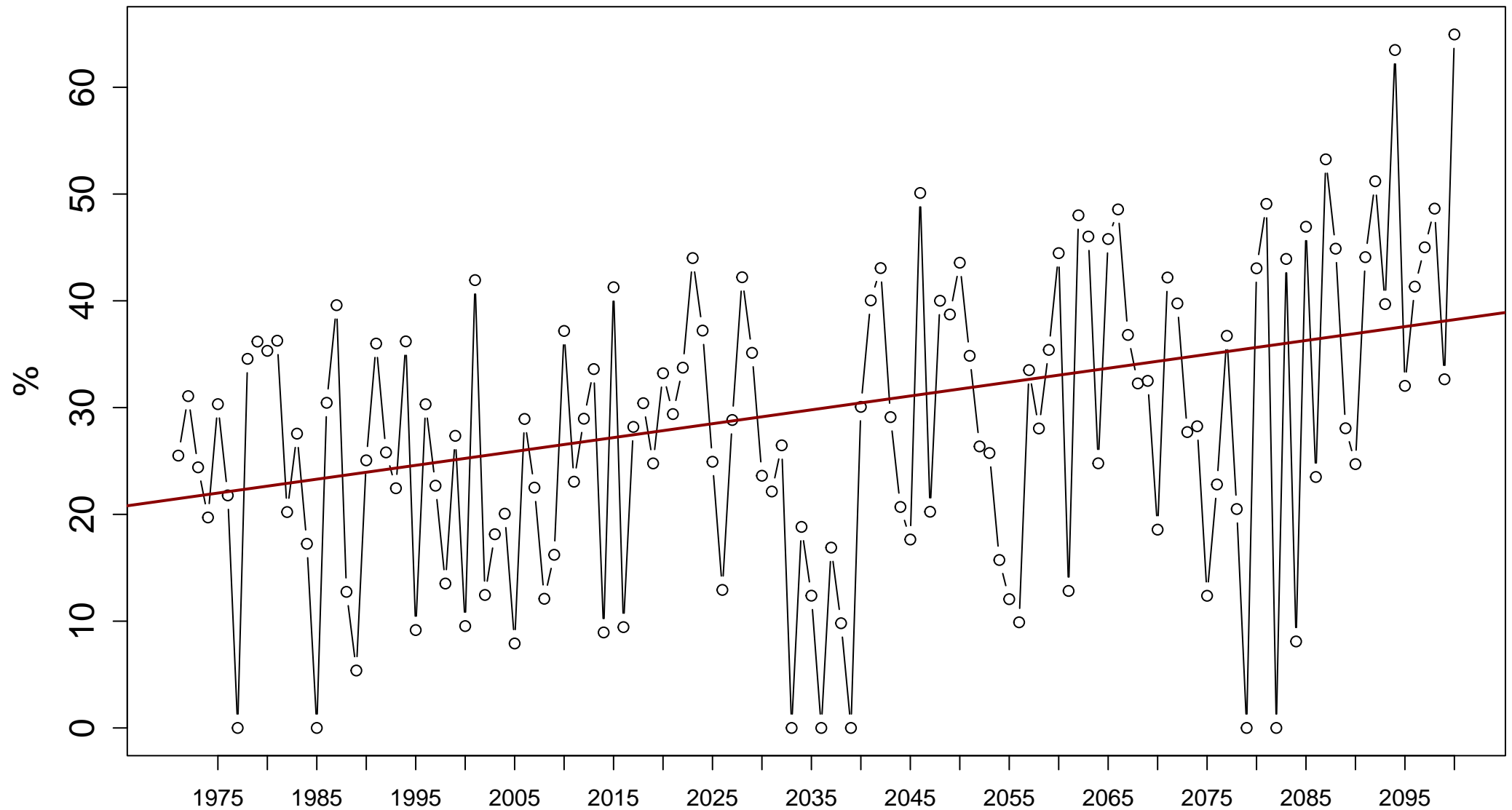
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r99p. Annual sum of daily precipitation > 99th percentile

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.08

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r95ptot. 100*r95p / PRCPTOT

Sen's slope = 0.13   lower bound = 0.067,   upper bound = 0.189,   p−value = 0

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r99ptot. 100*r99p / PRCPTOT
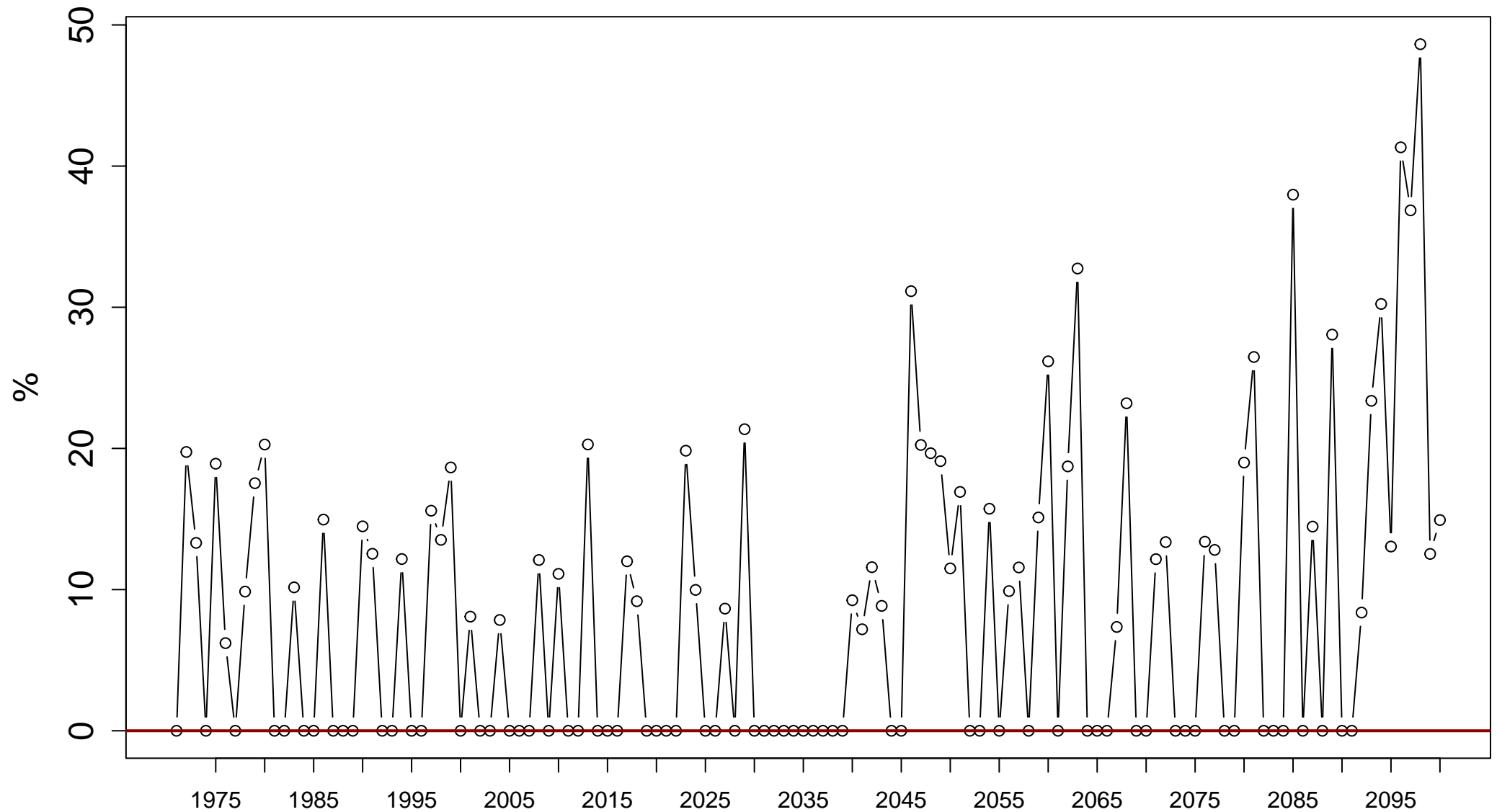
Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.027

Climpact v 3.1.6
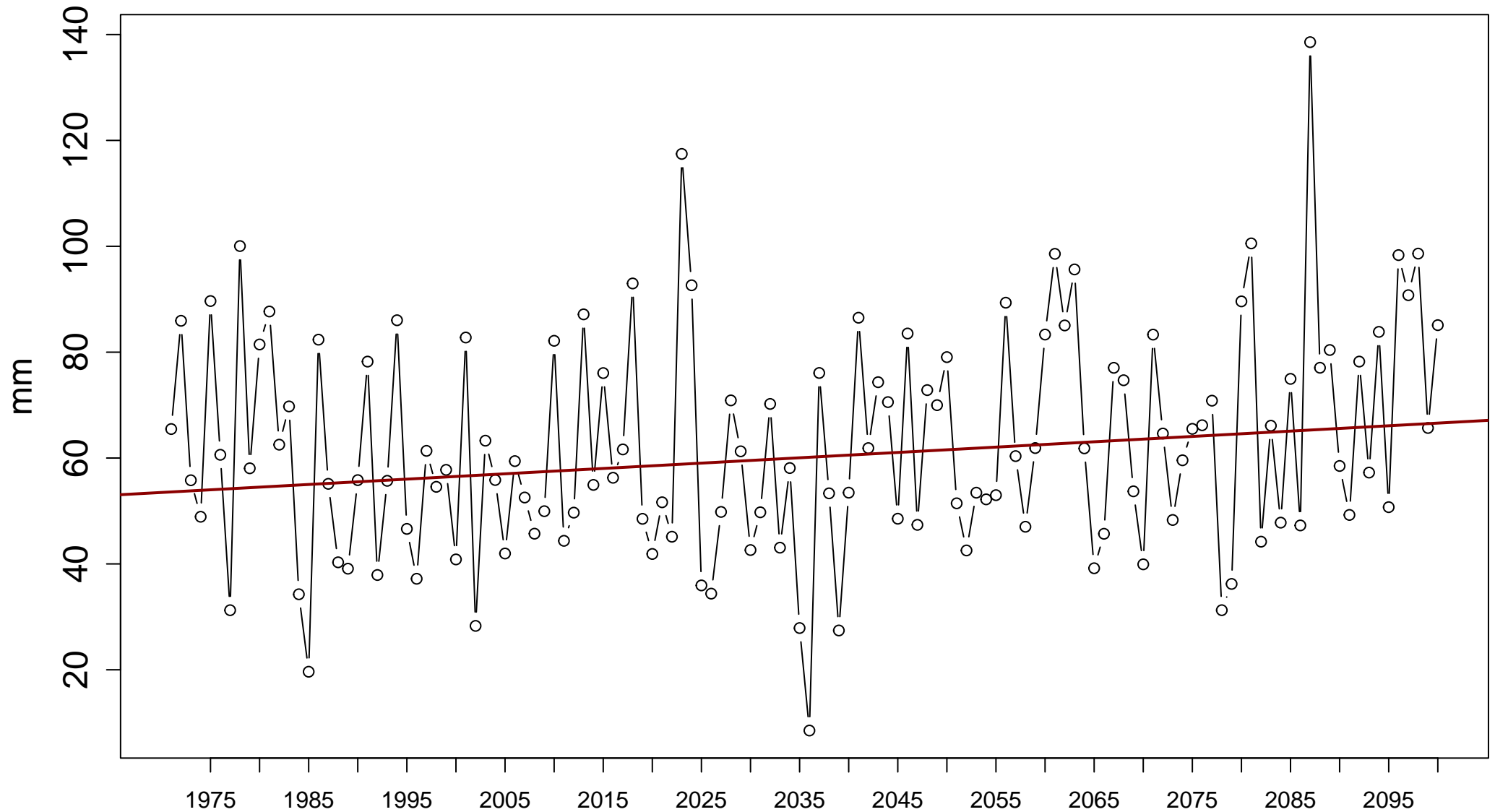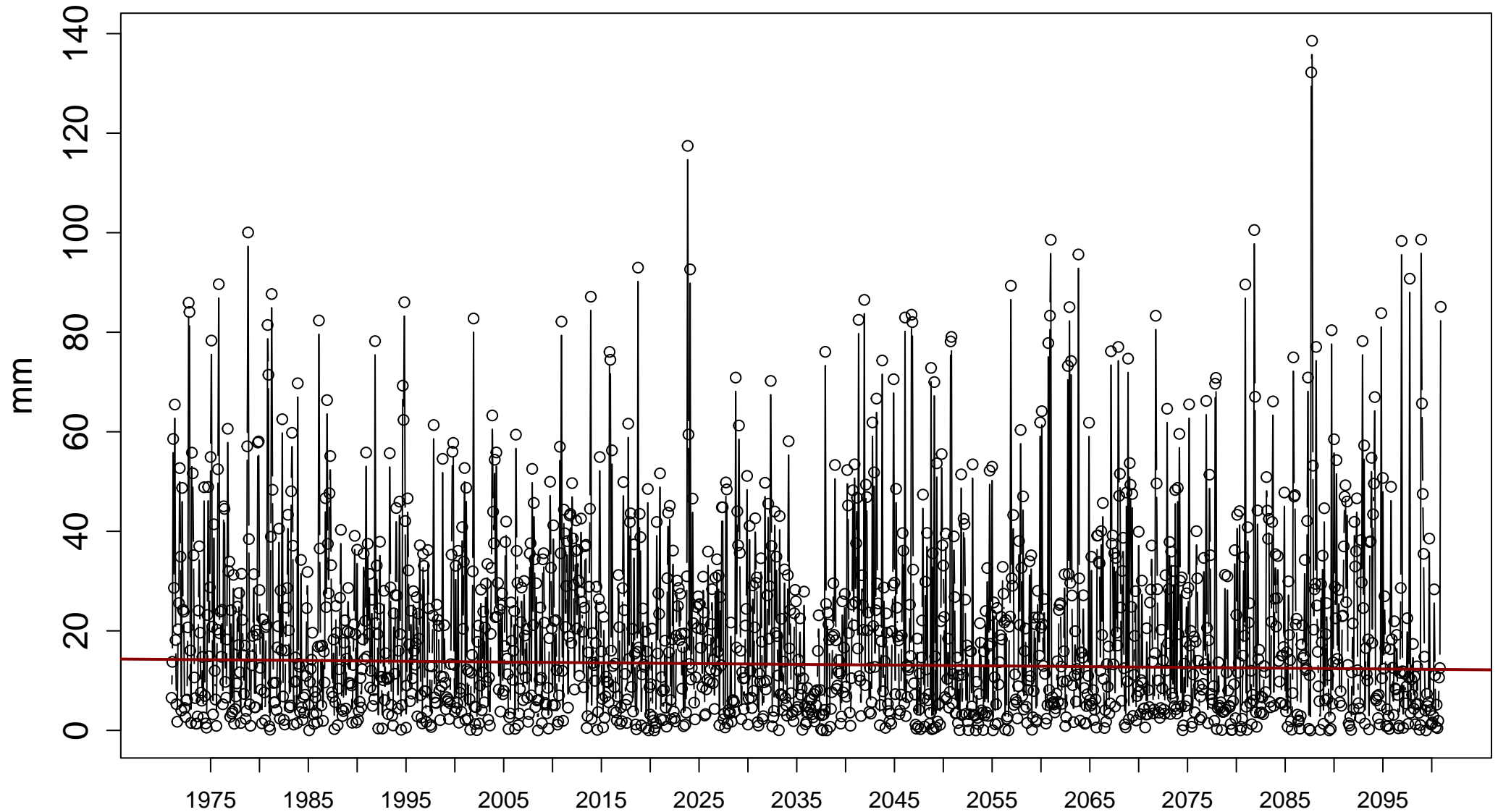
Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: rx3day. Maximum 3−day precipitation total

Sen's slope = 0.101   lower bound = 0.008,   upper bound = 0.207,   p−value = 0.035

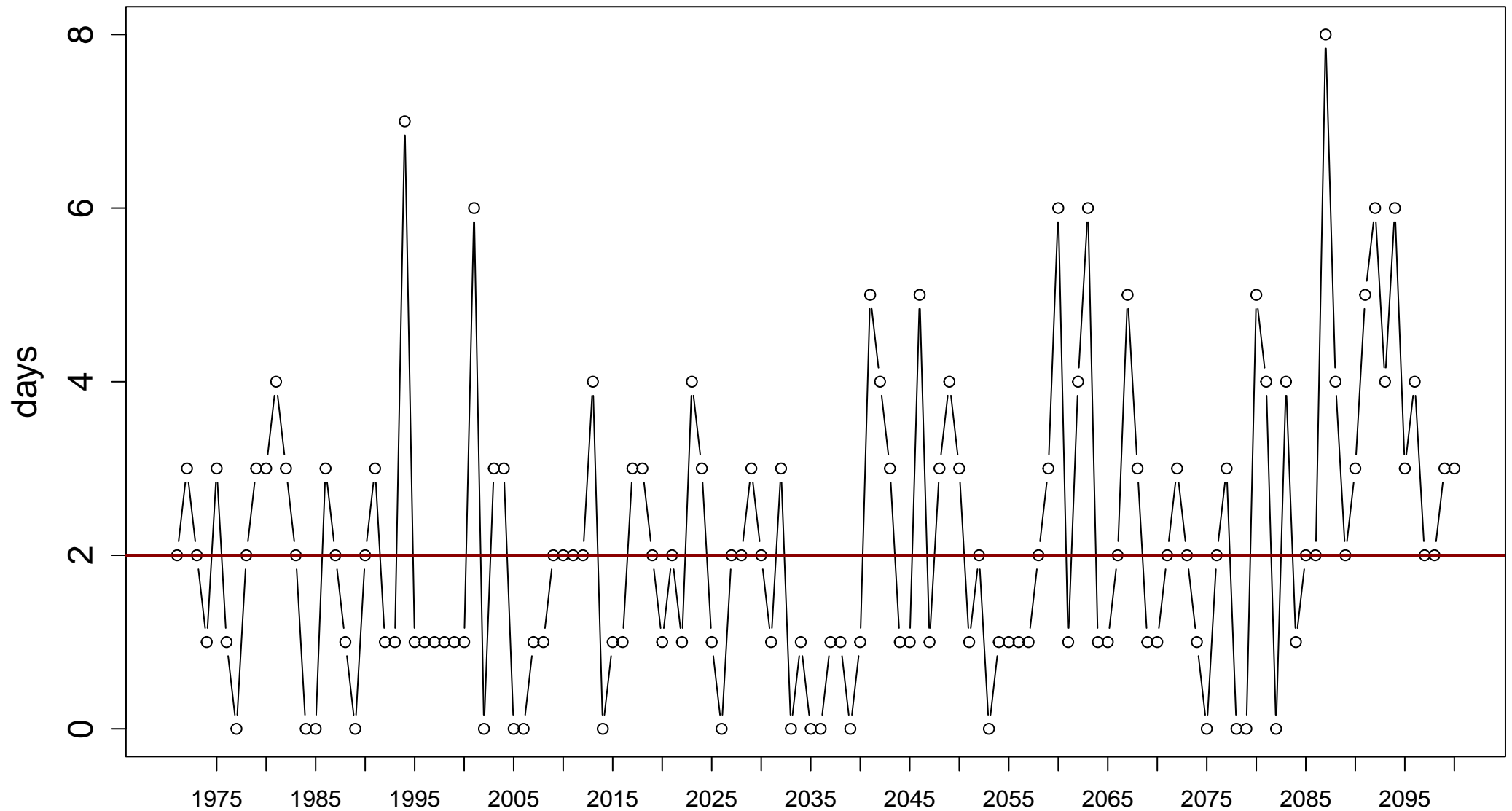Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: rx3day. Maximum 3−day precipitation total

Sen's slope = −0.001   lower bound = −0.003,   upper bound = 0,   p−value = 0.041

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r30mm. Number of days when precipitation >= 30

Sen's slope = 0   lower bound = 0,   upper bound = 0.014,   p−value = 0.015

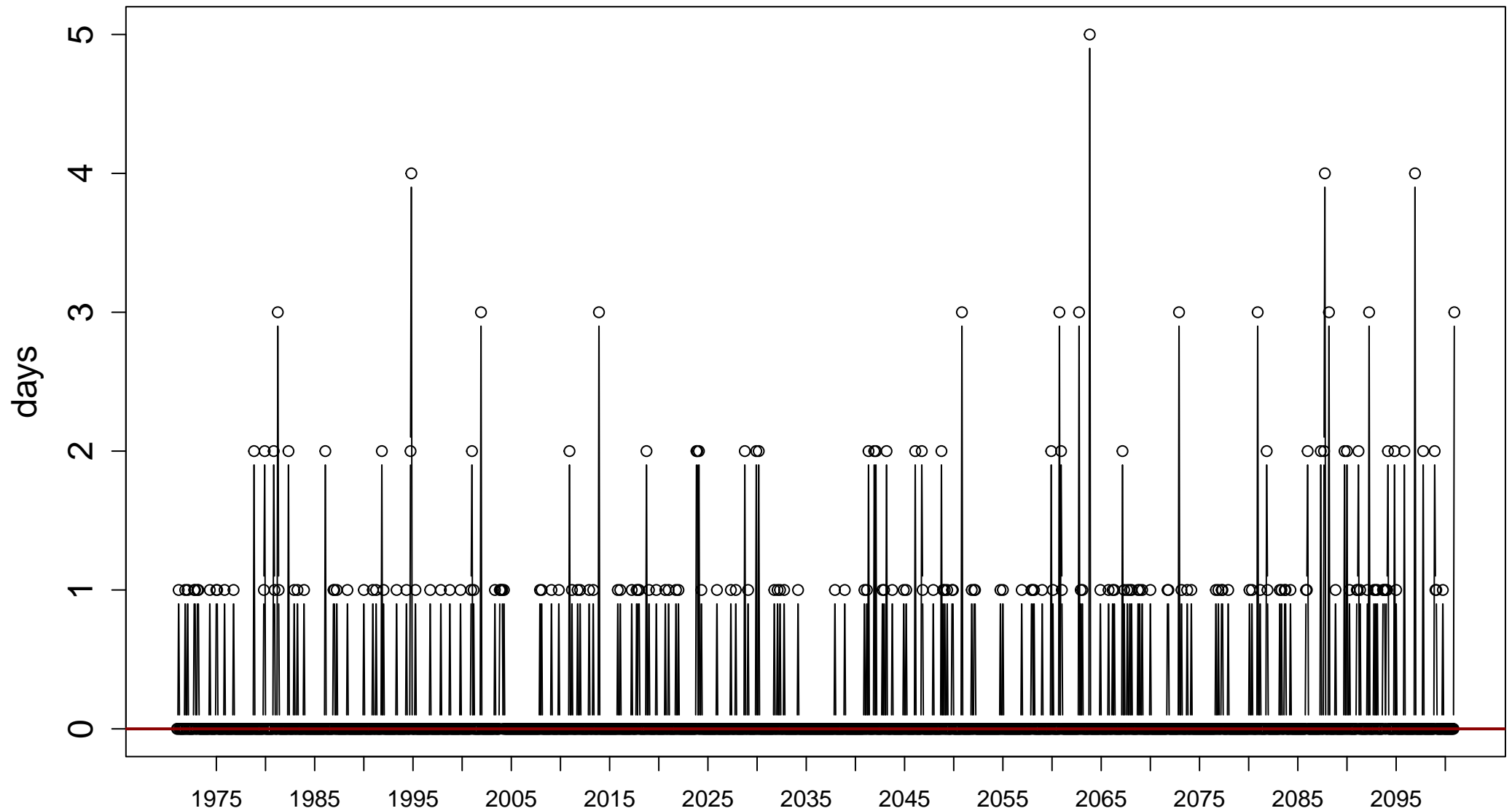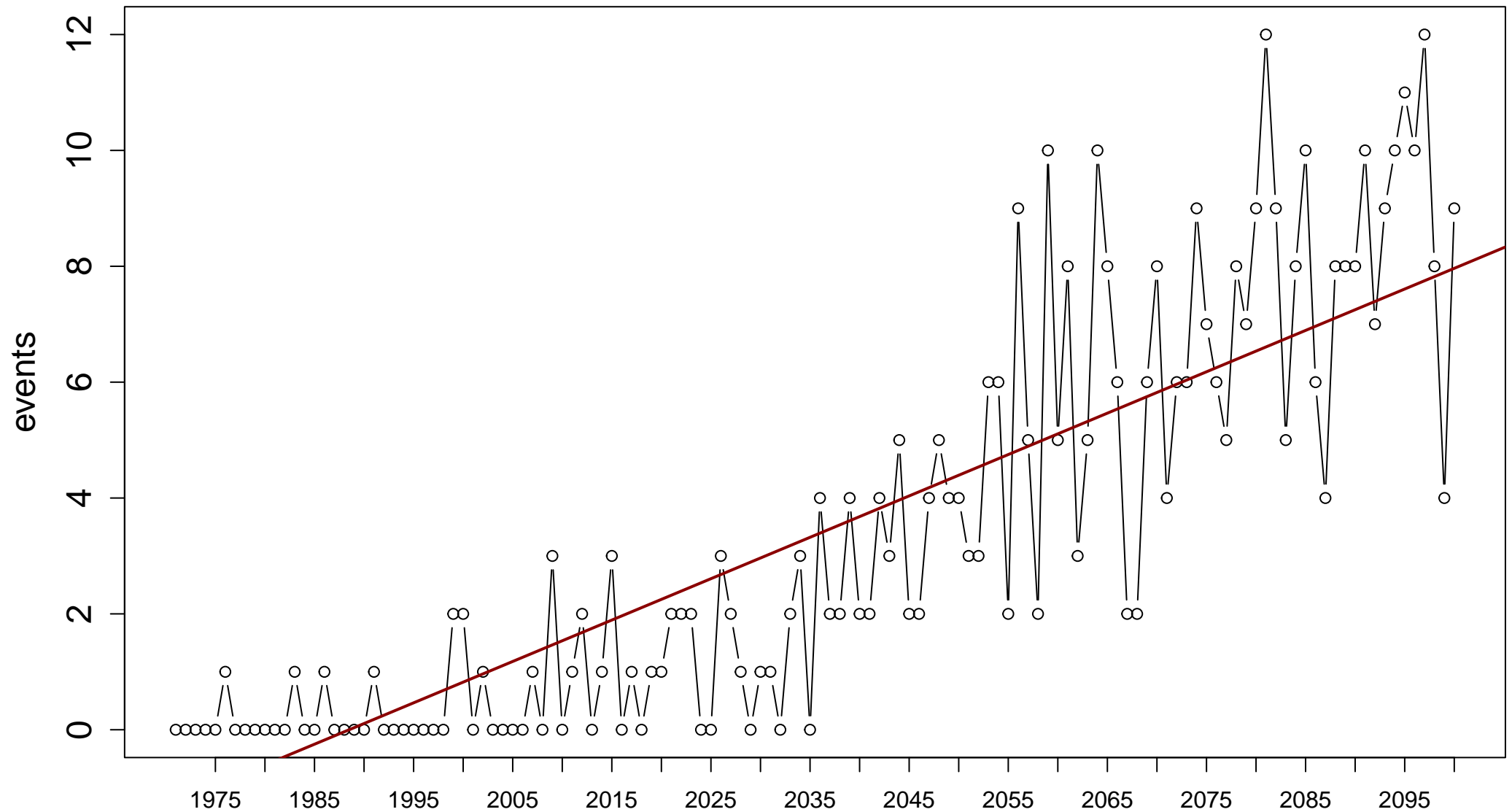Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: r30mm. Number of days when precipitation >= 30

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0.053

Climpact v 3.1.6

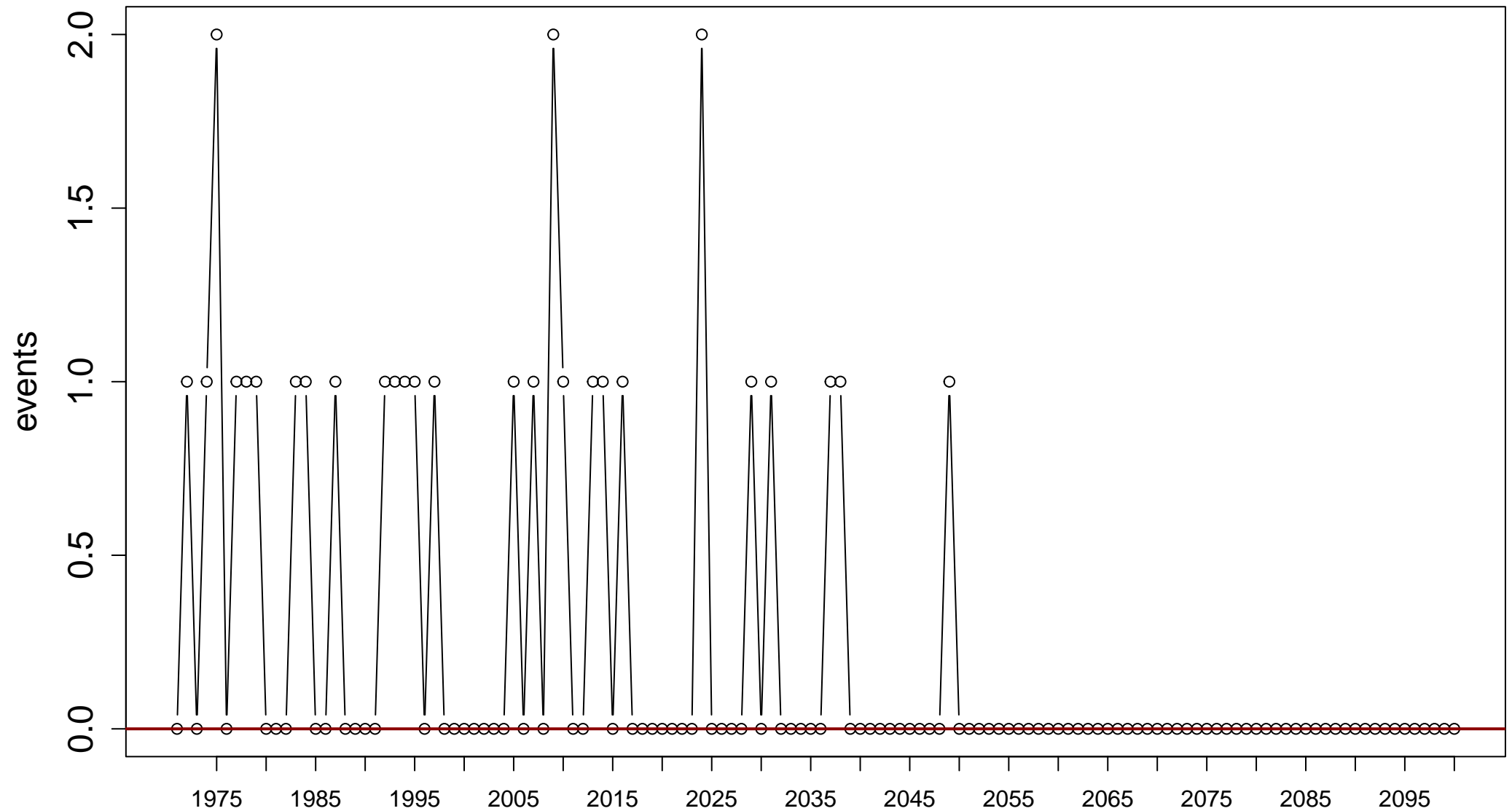# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: tx2tn2. Number of 2 consecutive days where both TX > 95th percentile and TN > 95th percentile

Sen's slope = 0.071   lower bound = 0.062,   upper bound = 0.081,   p−value = 0

Climpact v 3.1.6

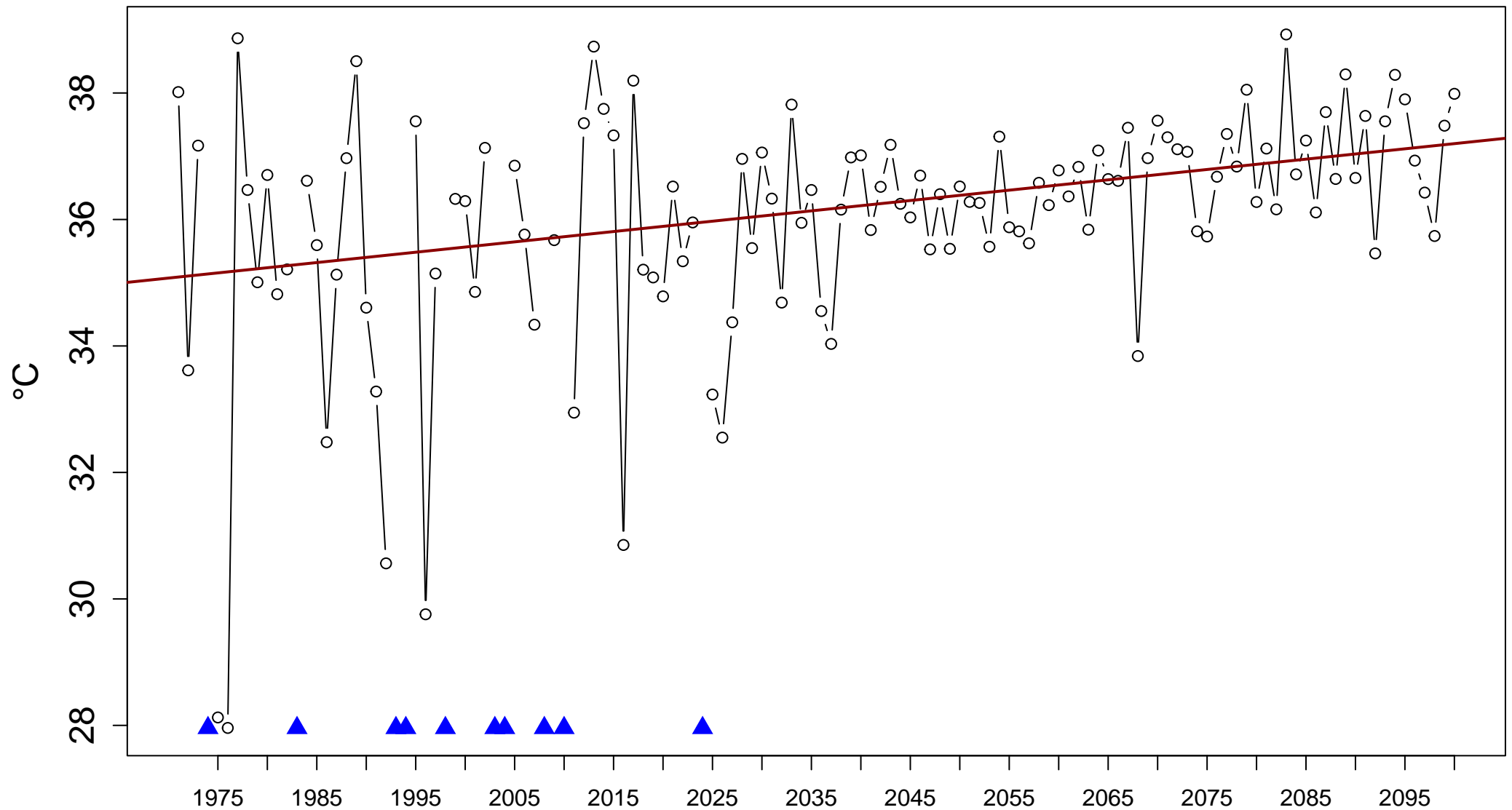**Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]**

Index: txb2tnb2. Number of 2 consecutive days where both TX < 5th percentile and TN < 5th percentile

events

Sen's slope = 0   lower bound = 0,   upper bound = 0,   p−value = 0

Climpact v 3.1.6

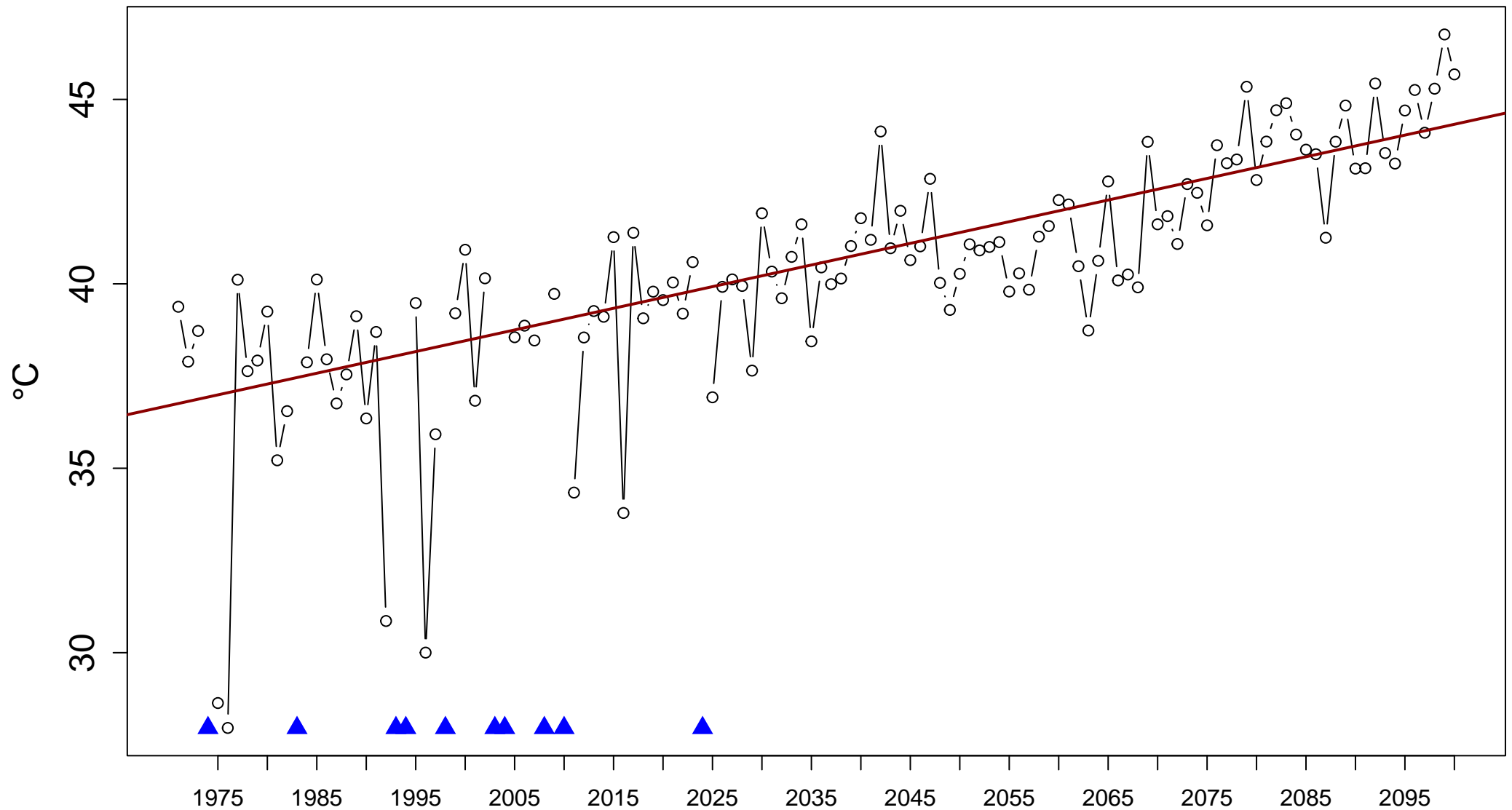# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWM−Tx90. Heatwave Magnitude (mean temperature of all heatwave events)

Sen's slope = 0.016   lower bound = 0.009,   upper bound = 0.024,   p−value = 0

Climpact v 3.1.6

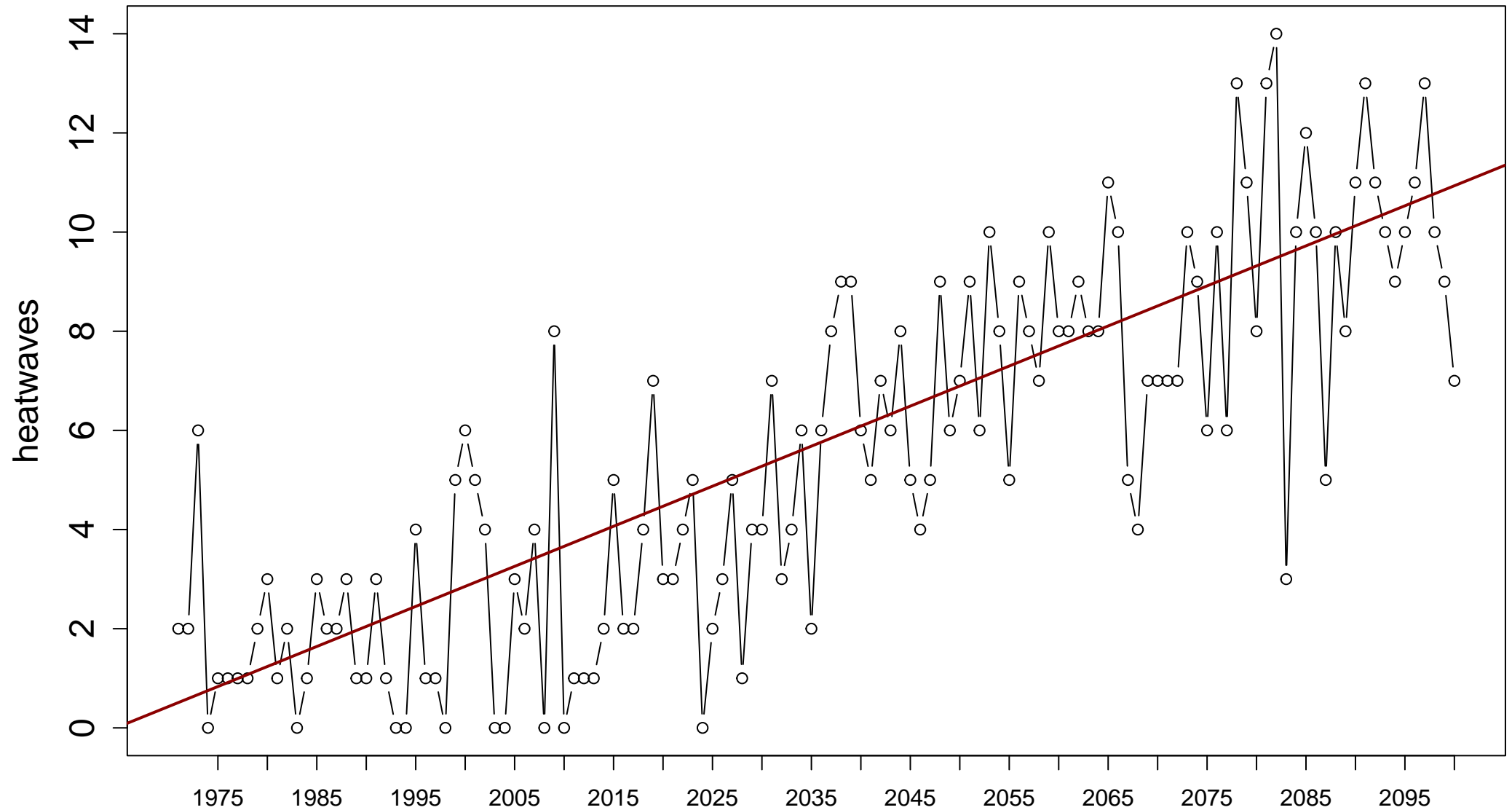# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: HWA−Tx90. Heatwave Amplitude (peak temperature of the hottest heatwave event)

Sen's slope = 0.059   lower bound = 0.051,   upper bound = 0.067,   p−value = 0

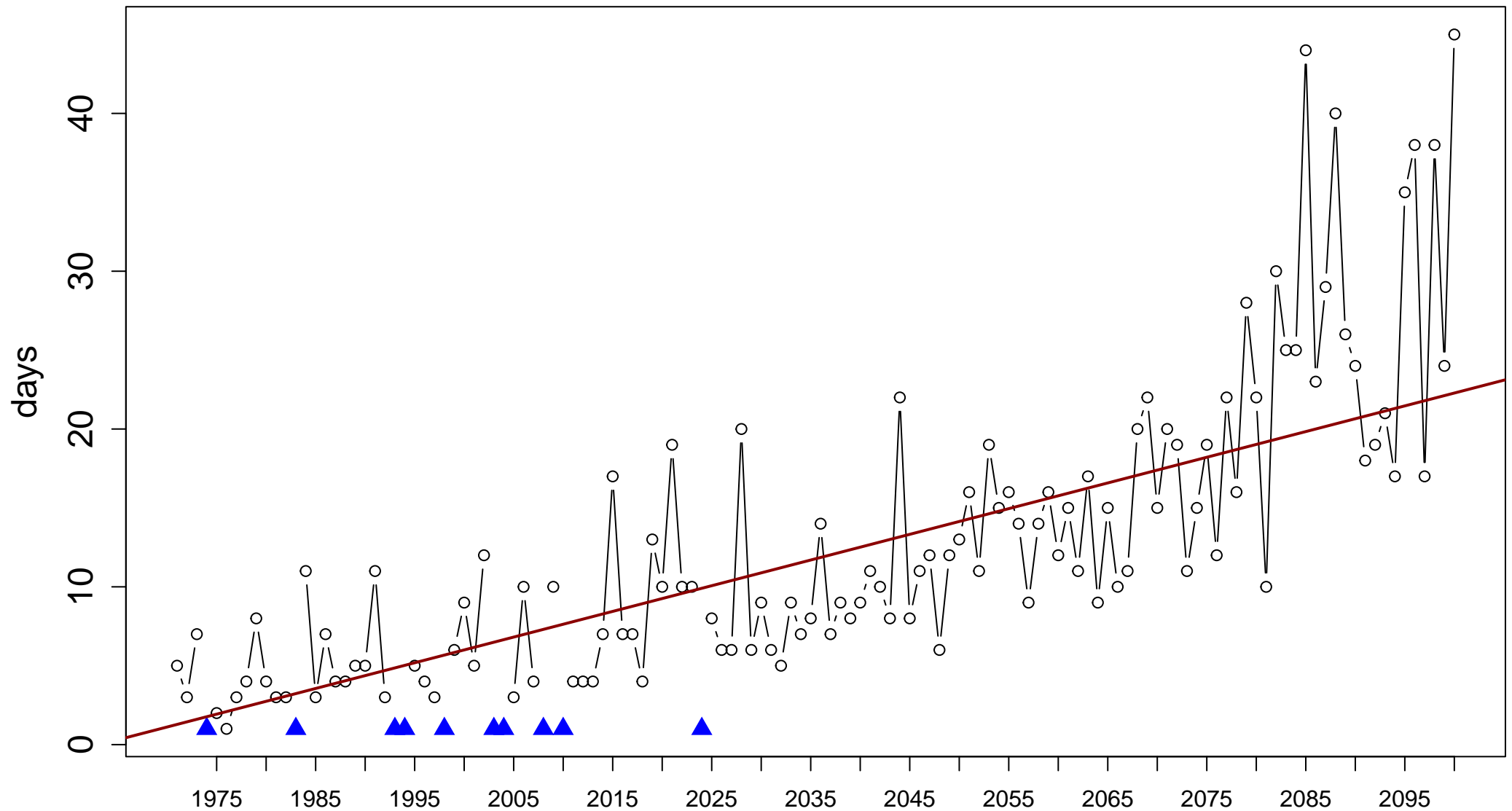**Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]**

Index: HWN−Tx90. Heatwave Number (number of discreet heatwave events)

Sen's slope = 0.081   lower bound = 0.07,   upper bound = 0.091,   p−value = 0

Climpact v 3.1.6

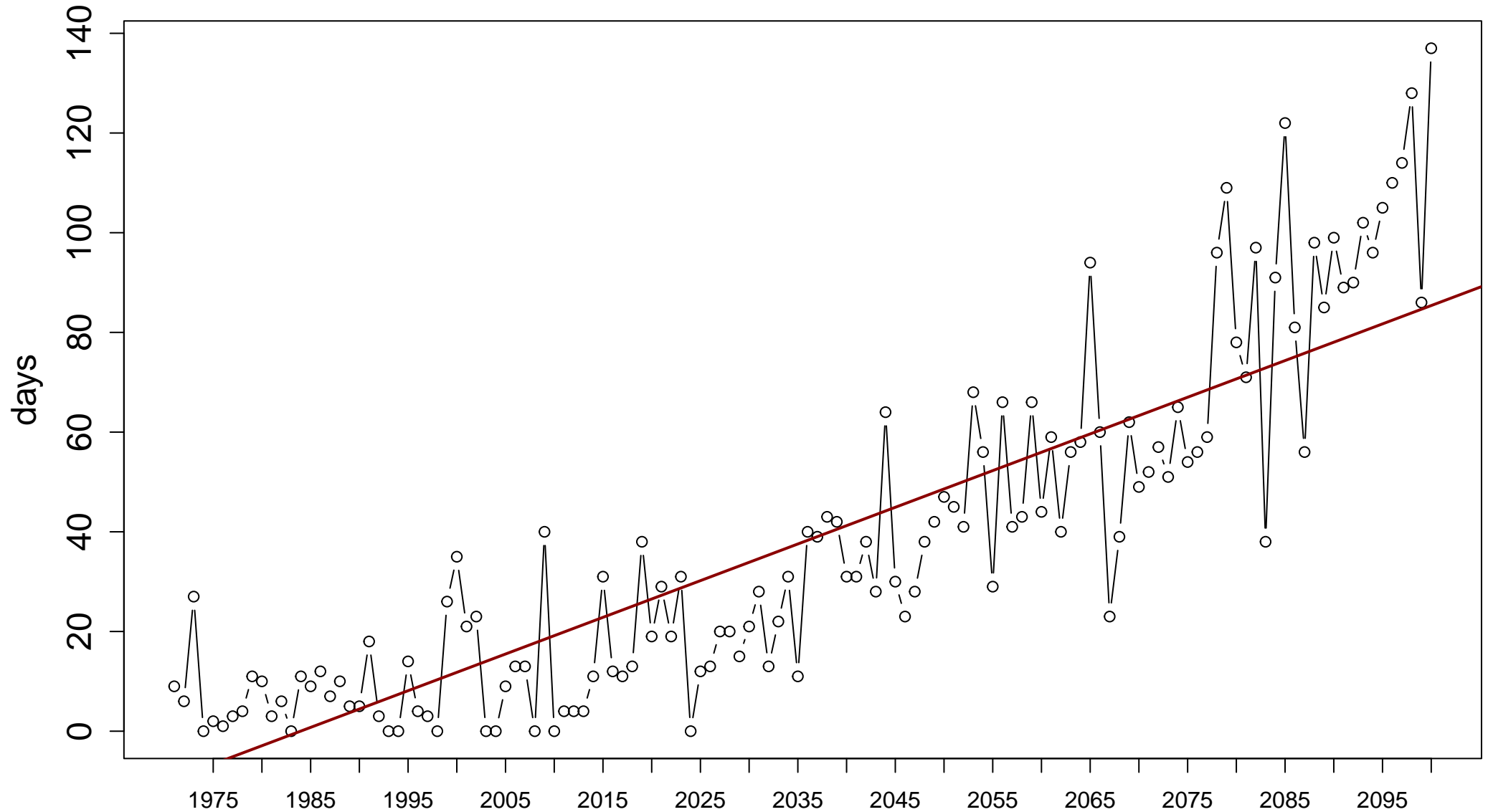**Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]**

Index: HWD−Tx90. Heatwave Duration (length of longest heatwave event)

Sen's slope = 0.163   lower bound = 0.136,   upper bound = 0.19,   p−value = 0

Climpact v 3.1.6

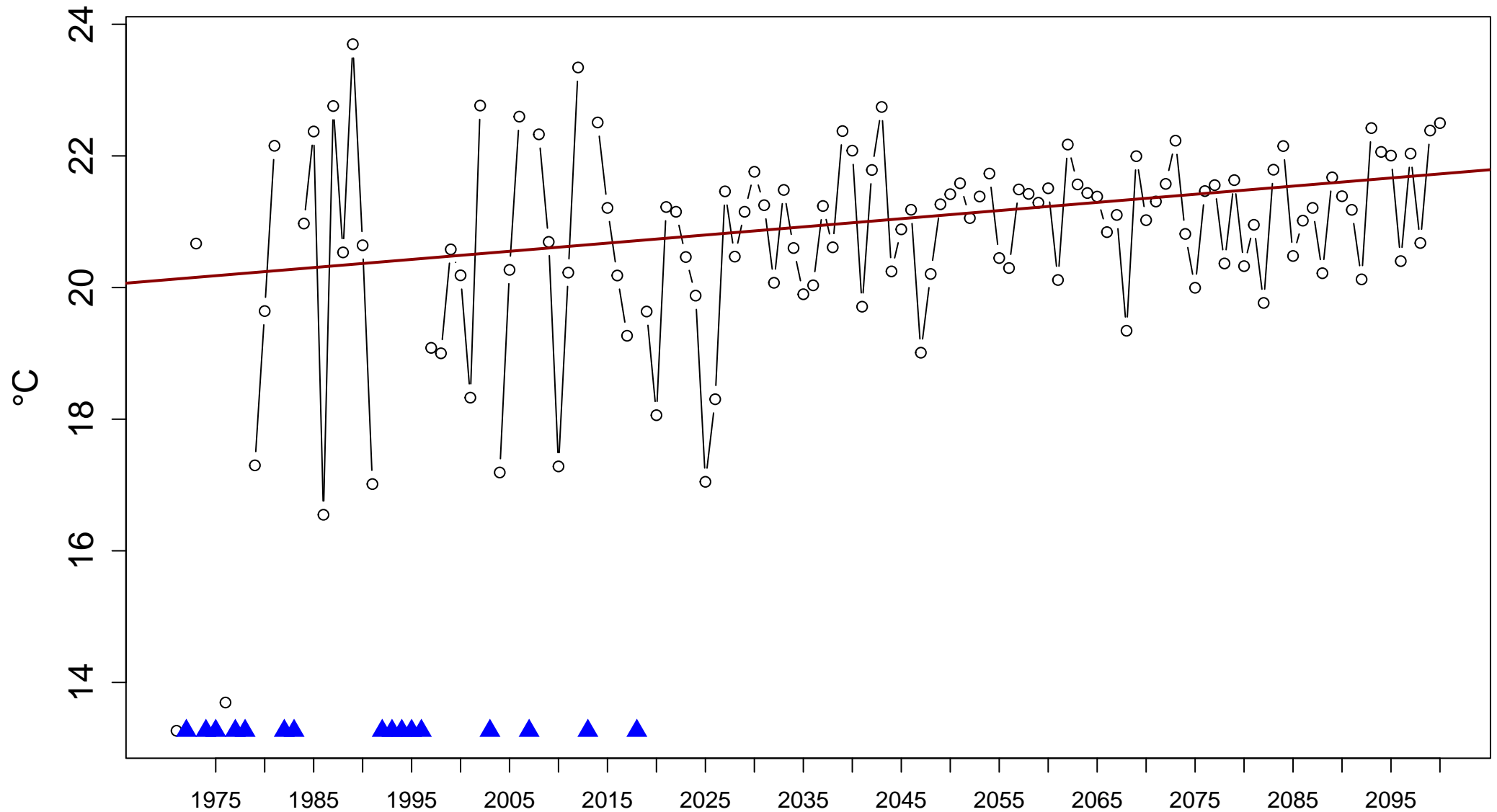# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWF−Tx90. Heatwave Frequency (number of days contributing to heatwave events)

Sen's slope = 0.736   lower bound = 0.65,   upper bound = 0.825,   p−value = 0

Climpact v 3.1.6

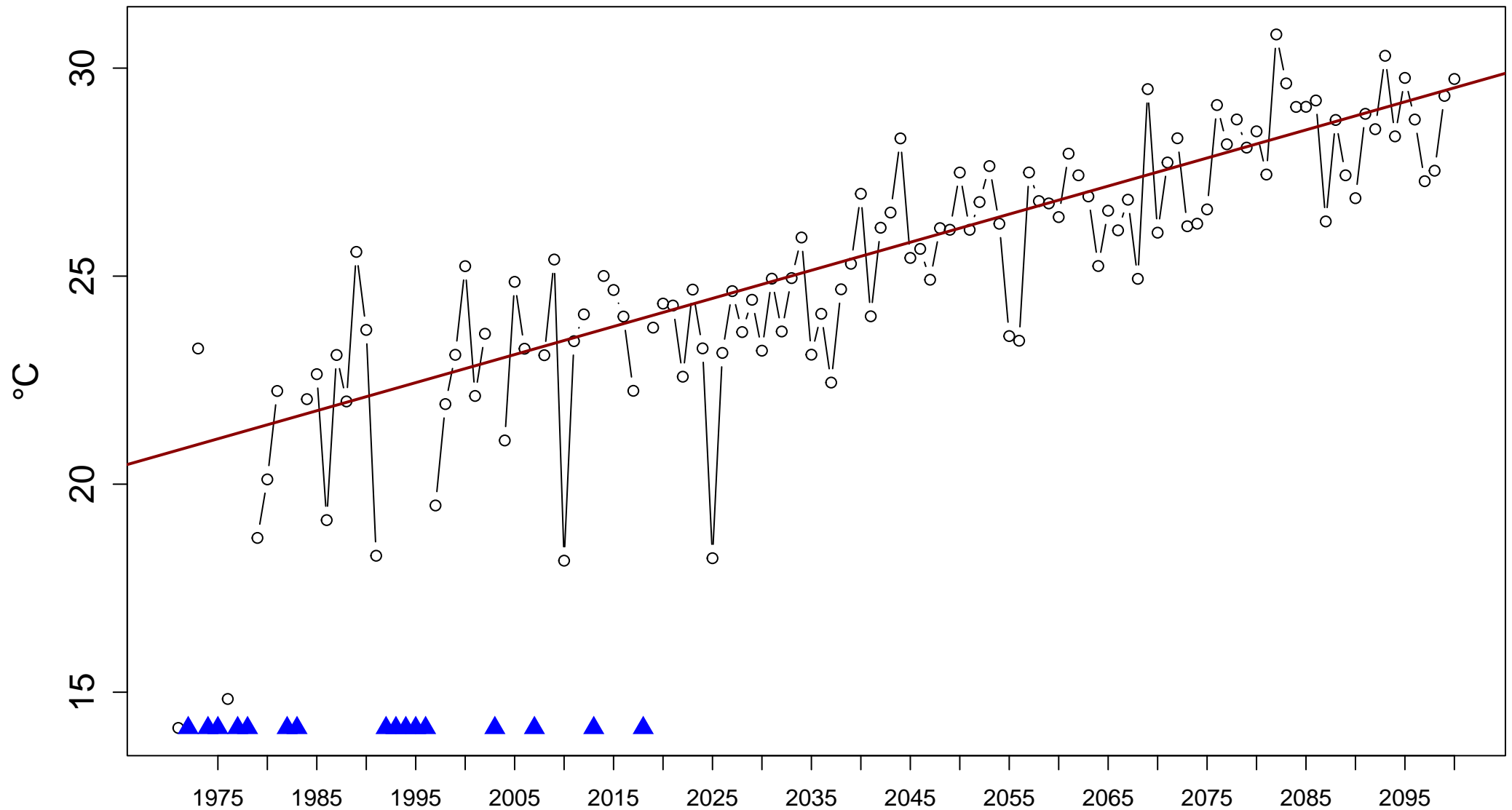# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWM−Tn90. Heatwave Magnitude (mean temperature of all heatwave events)

Sen's slope = 0.012   lower bound = 0.006,   upper bound = 0.019,   p−value = 0.001

Climpact v 3.1.6

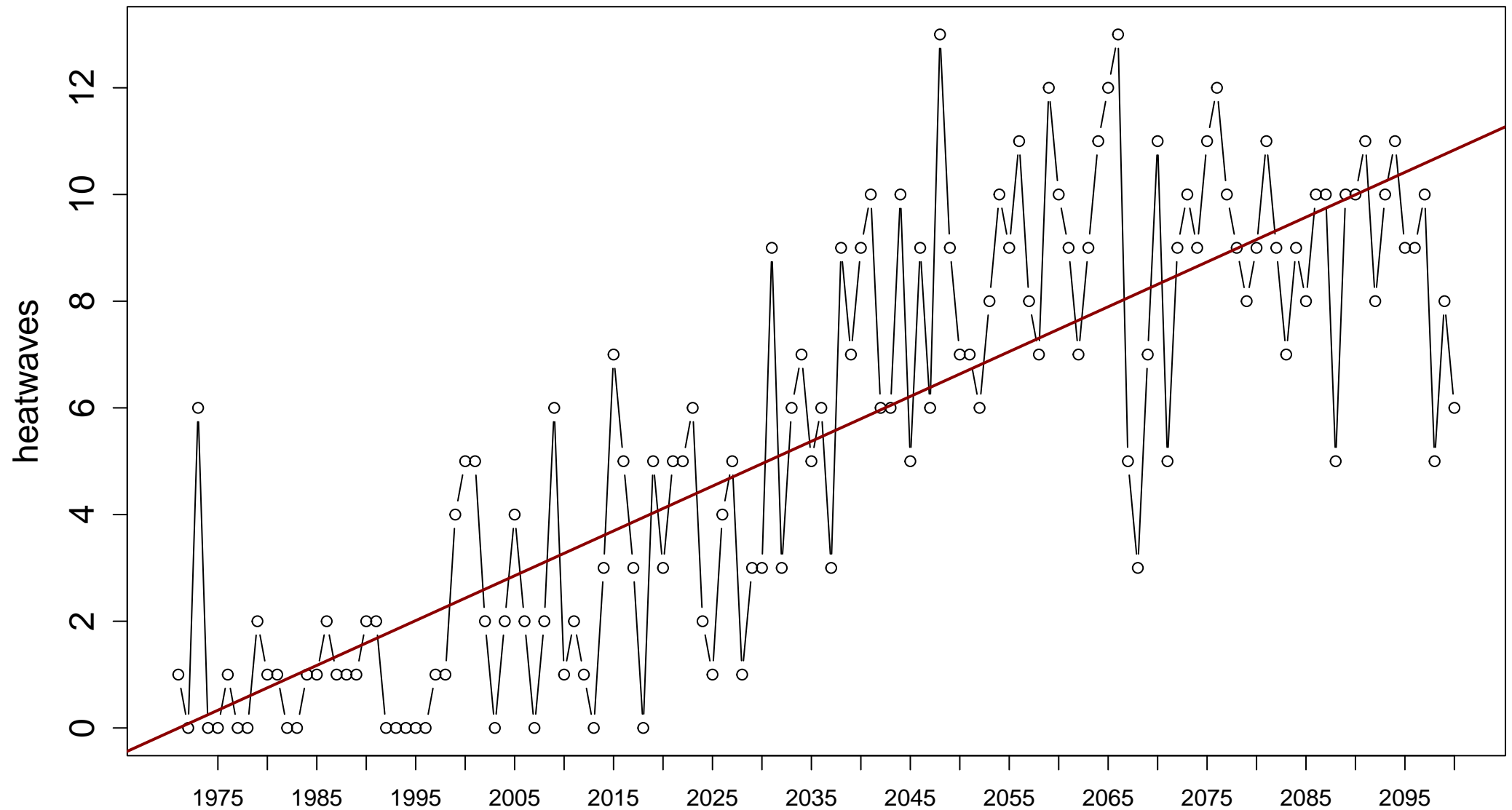# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWA−Tn90. Heatwave Amplitude (peak temperature of the hottest heatwave event)

Sen's slope = 0.067   lower bound = 0.06,   upper bound = 0.076,   p−value = 0

Climpact v 3.1.6

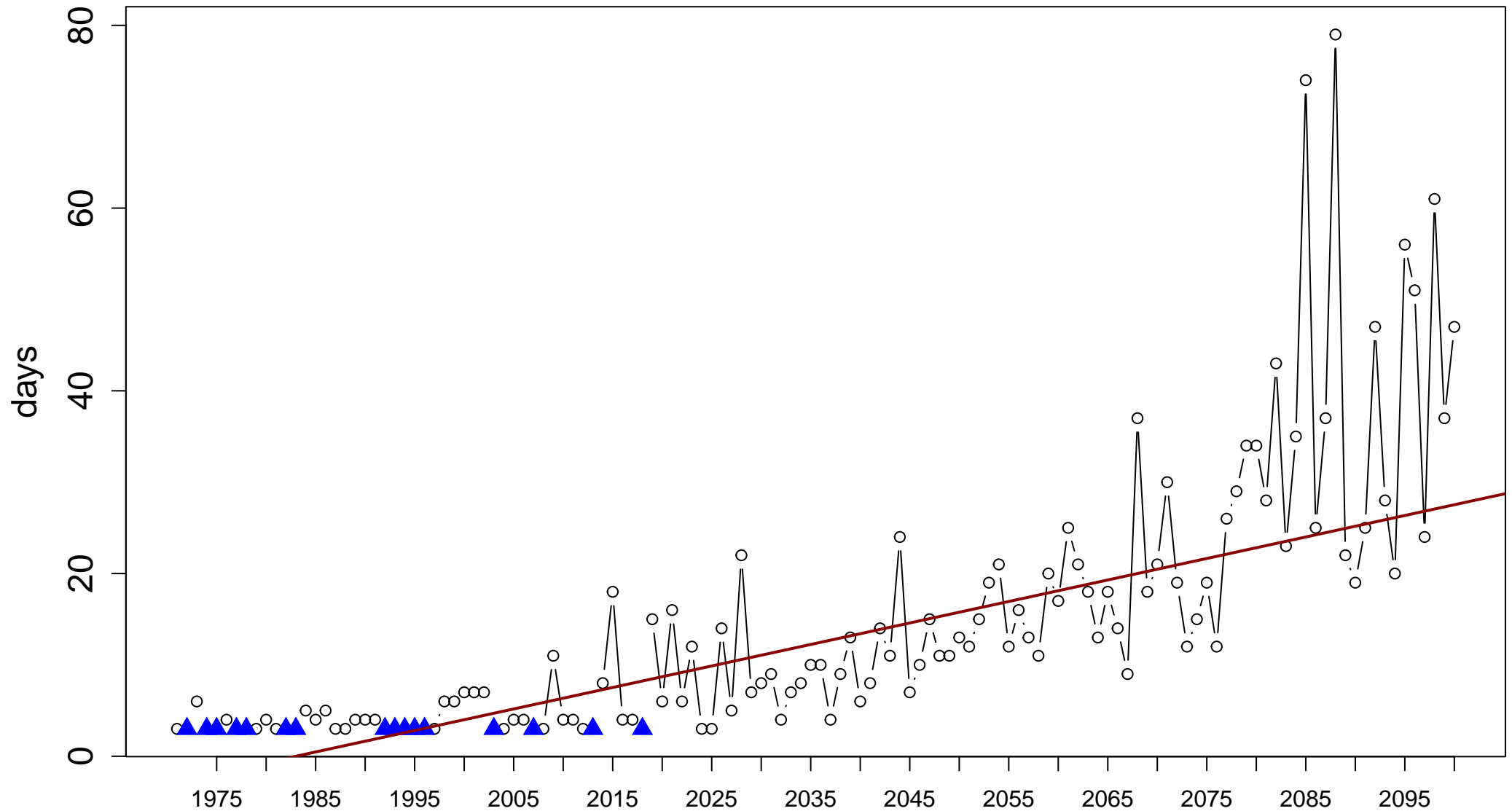# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWN−Tn90. Heatwave Number (number of discreet heatwave events)

Sen's slope = 0.084   lower bound = 0.074,   upper bound = 0.094,   p−value = 0

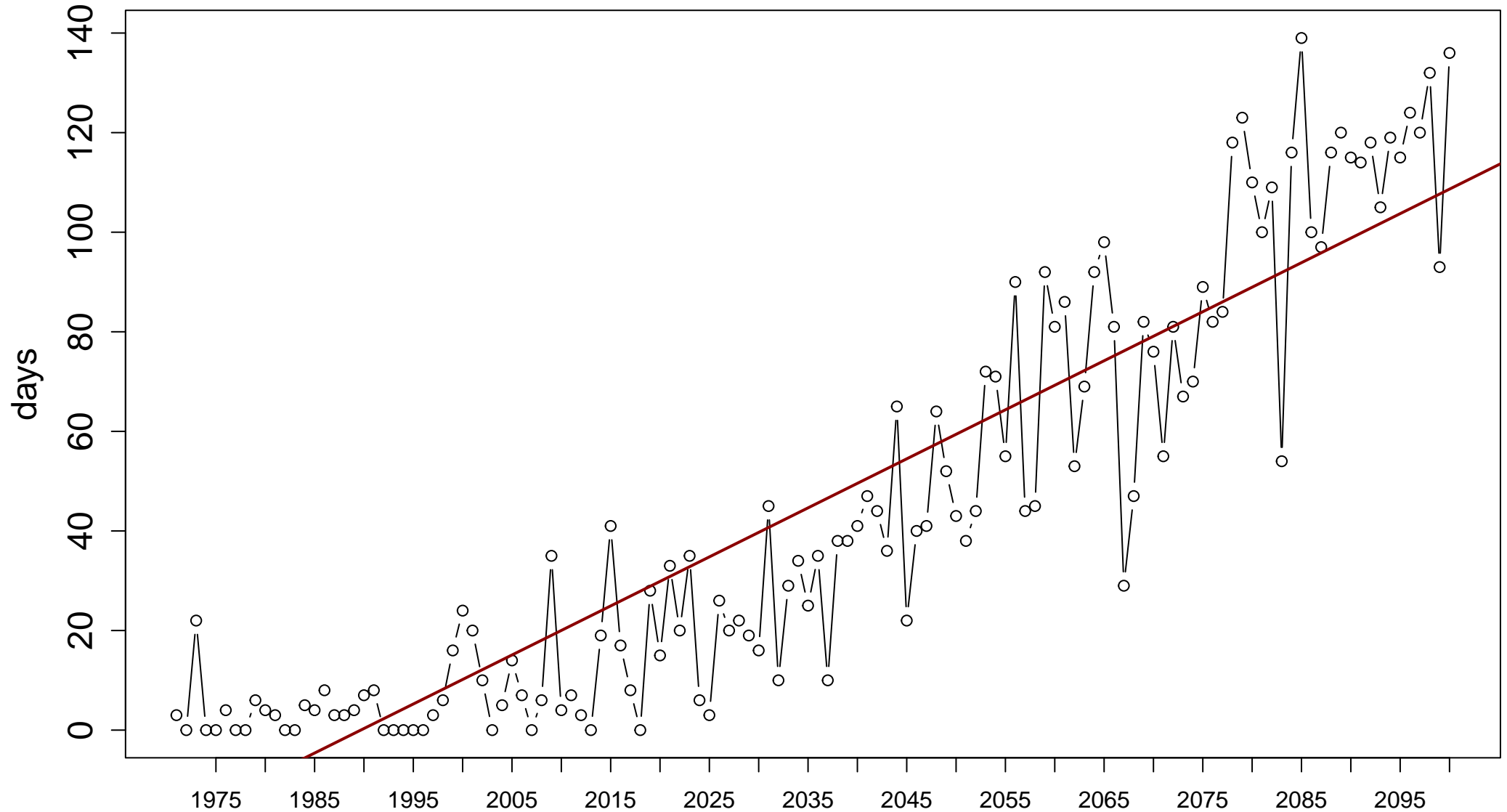# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWD−Tn90. Heatwave Duration (length of longest heatwave event)

Sen's slope = 0.235   lower bound = 0.194,   upper bound = 0.279,   p−value = 0

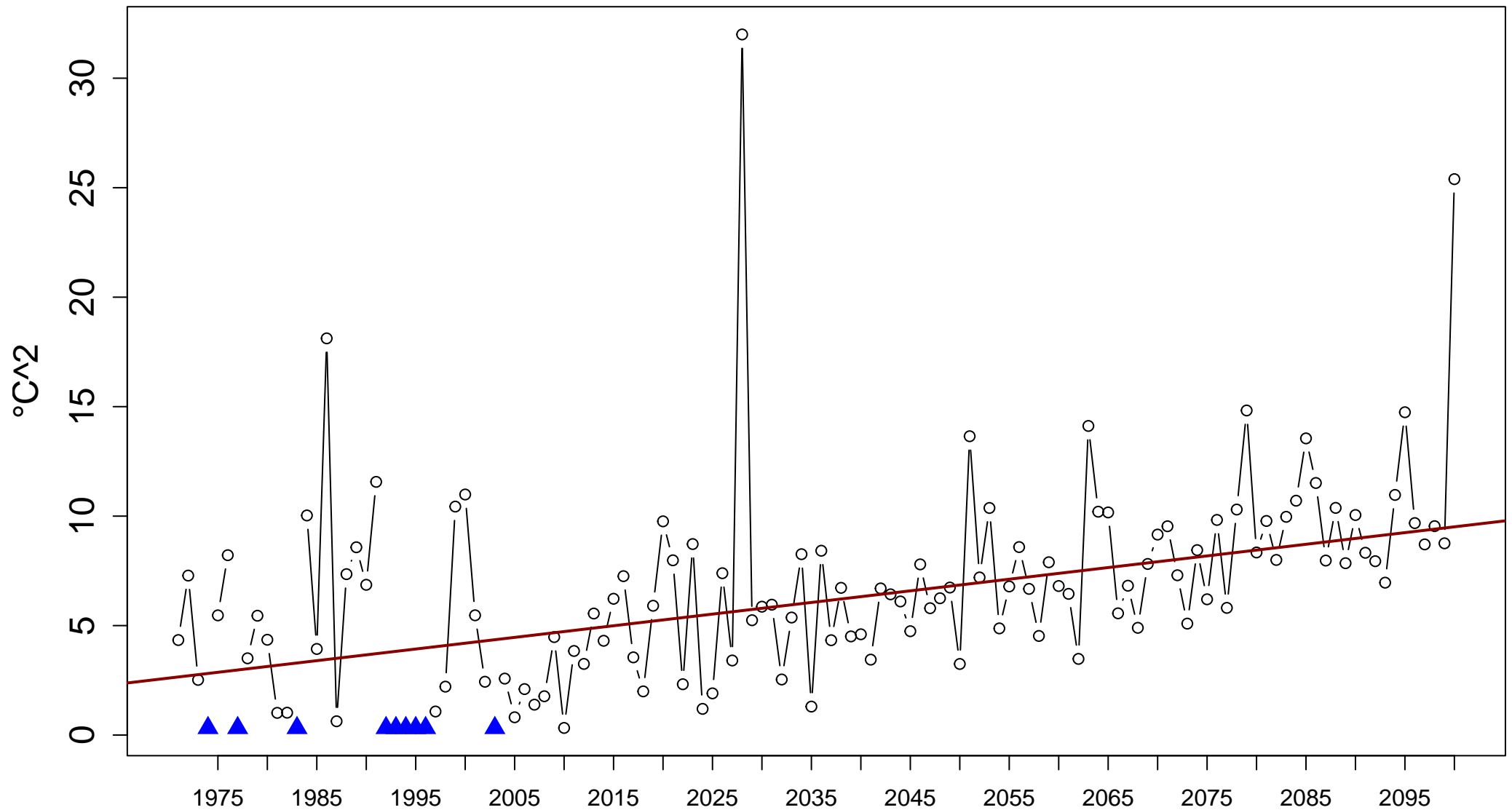# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: HWF−Tn90. Heatwave Frequency (number of days contributing to heatwave events)

Sen's slope = 0.985   lower bound = 0.88,   upper bound = 1.068,   p−value = 0

Climpact v 3.1.6

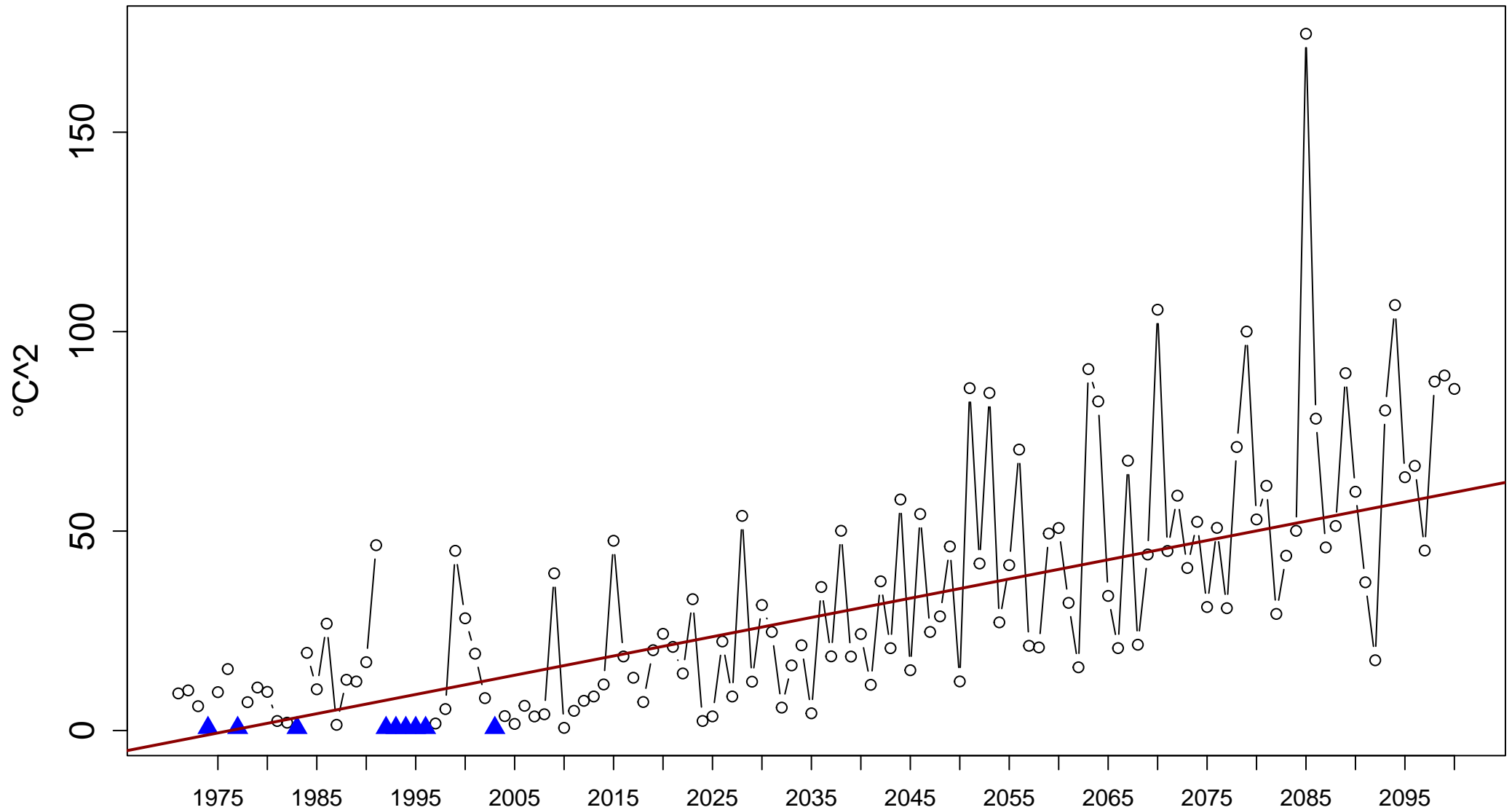# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: HWM−EHF. Heatwave Magnitude (mean temperature of all heatwave events)

Sen's slope = 0.053   lower bound = 0.038,   upper bound = 0.068,   p−value = 0

Climpact v 3.1.6

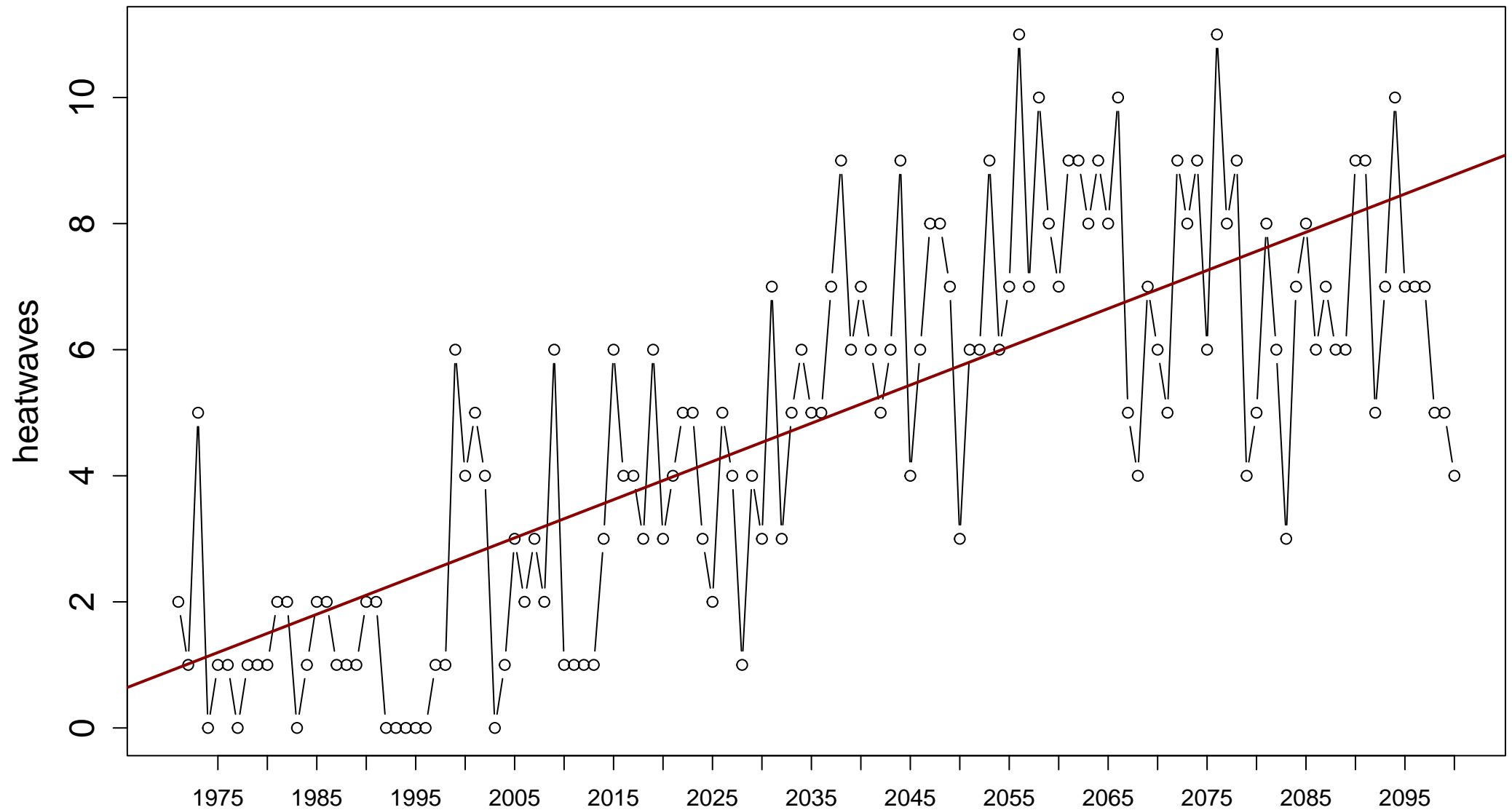# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWA−EHF. Heatwave Amplitude (peak temperature of the hottest heatwave event)

Sen's slope = 0.482   lower bound = 0.39,   upper bound = 0.585,   p−value = 0

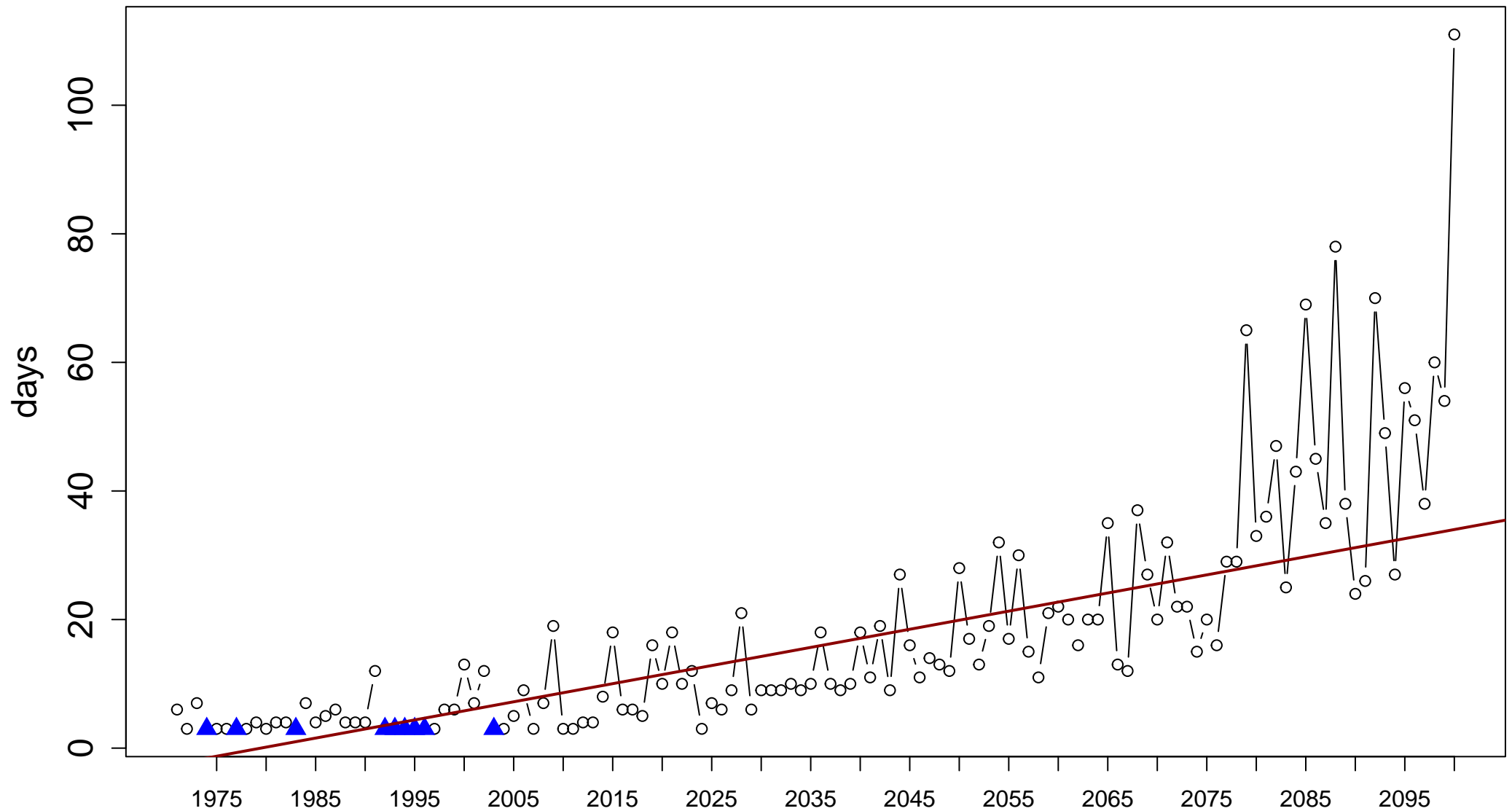# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWN−EHF. Heatwave Number (number of discreet heatwave events)

Sen's slope = 0.061   lower bound = 0.051,   upper bound = 0.07,   p−value = 0

Climpact v 3.1.6

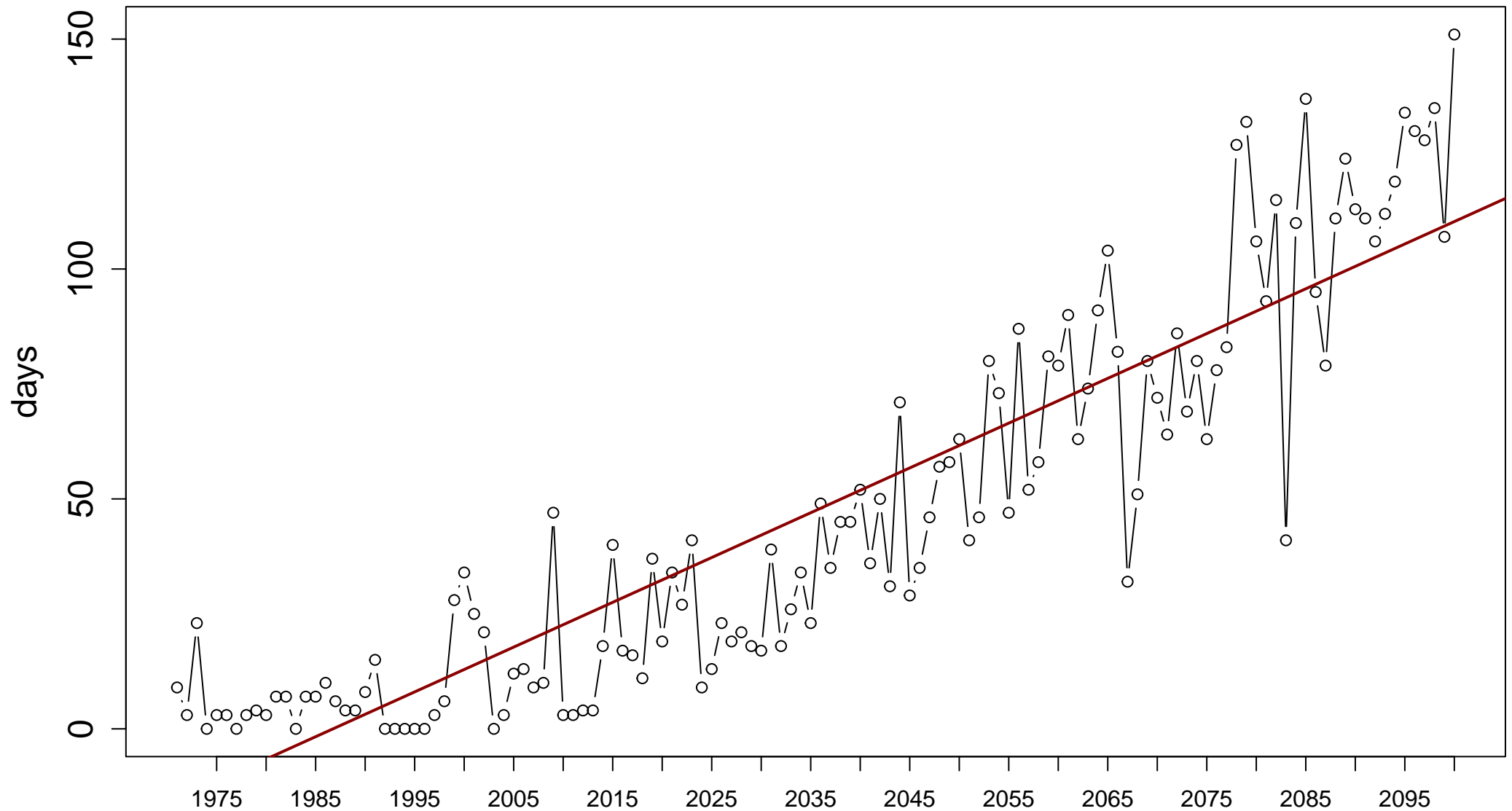# Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: HWD−EHF. Heatwave Duration (length of longest heatwave event)

Sen's slope = 0.282   lower bound = 0.235,   upper bound = 0.333,   p−value = 0

Climpact v 3.1.6

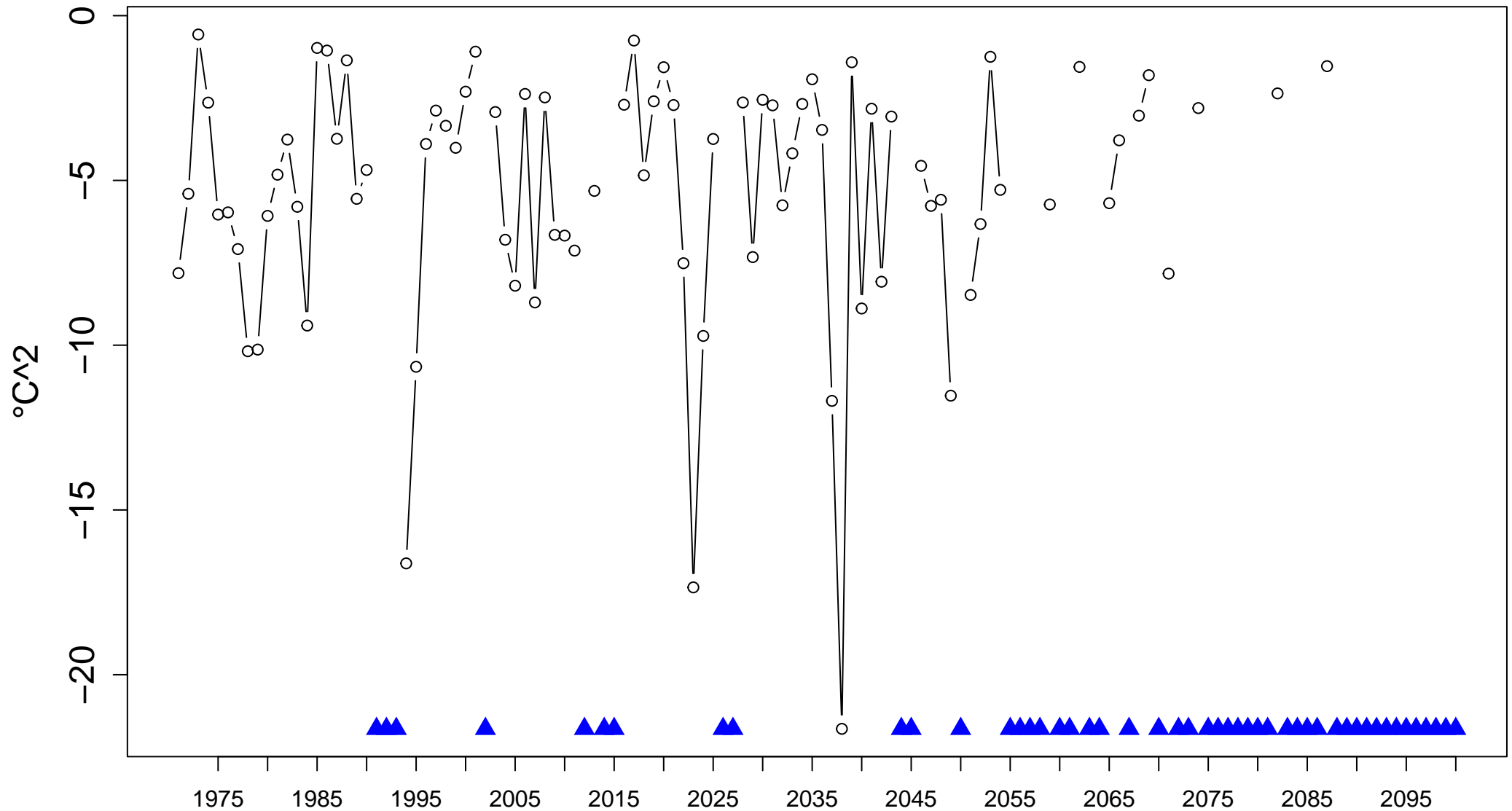# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: HWF−EHF. Heatwave Frequency (number of days contributing to heatwave events)

Sen's slope = 0.974   lower bound = 0.872,   upper bound = 1.059,   p−value = 0

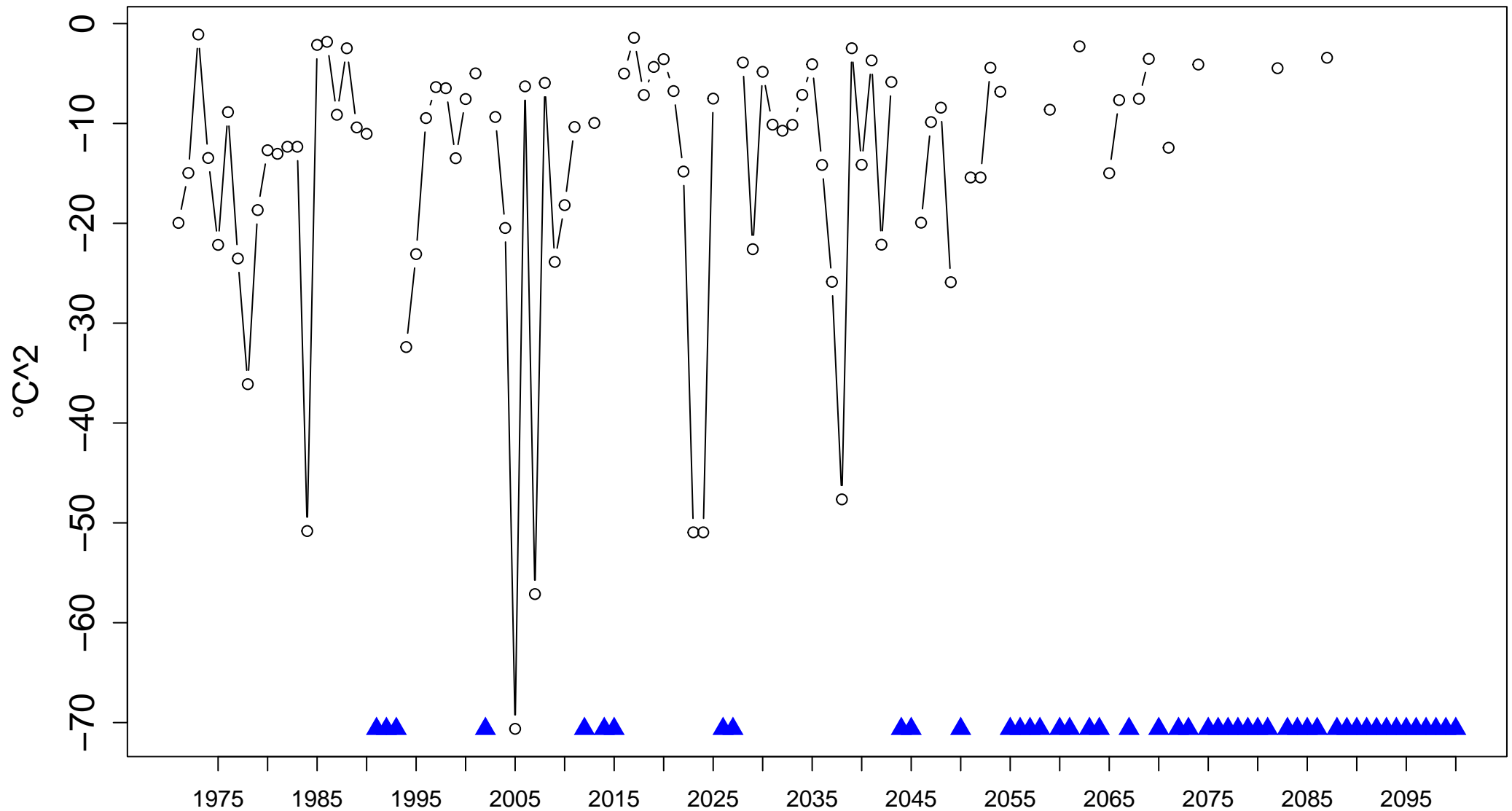**Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]**

Index: CWM−ECF. Coldwave Magnitude (mean temperature of all coldwave events)

°C^2

NO LINEAR TREND: requires at least 10 data points and 70% of time−series to be valid.

Climpact v 3.1.6

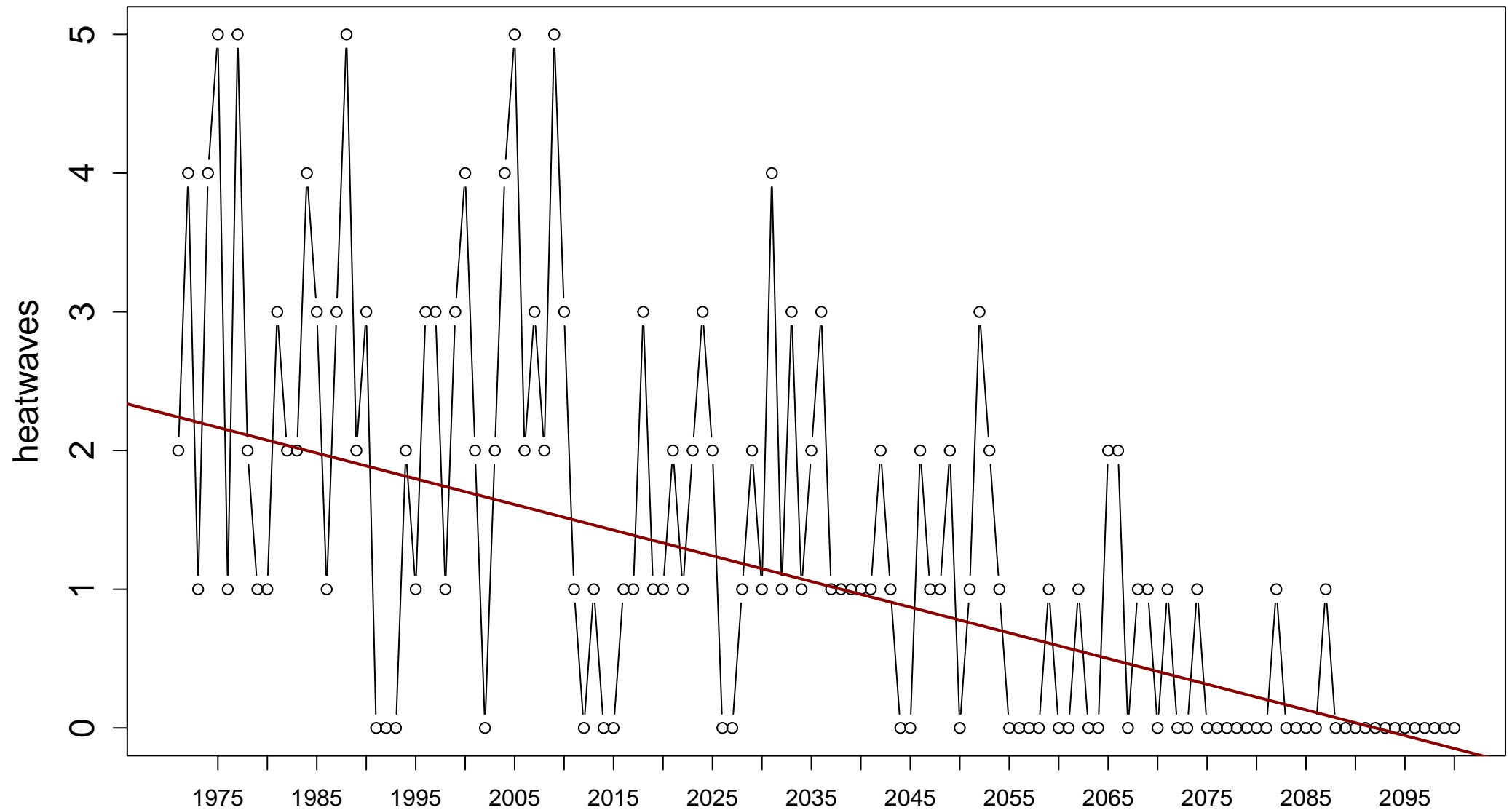# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: CWA−ECF. Coldwave Amplitude (minimum temperature of the coldest coldwave event)

NO LINEAR TREND: requires at least 10 data points and 70% of time−series to be valid.

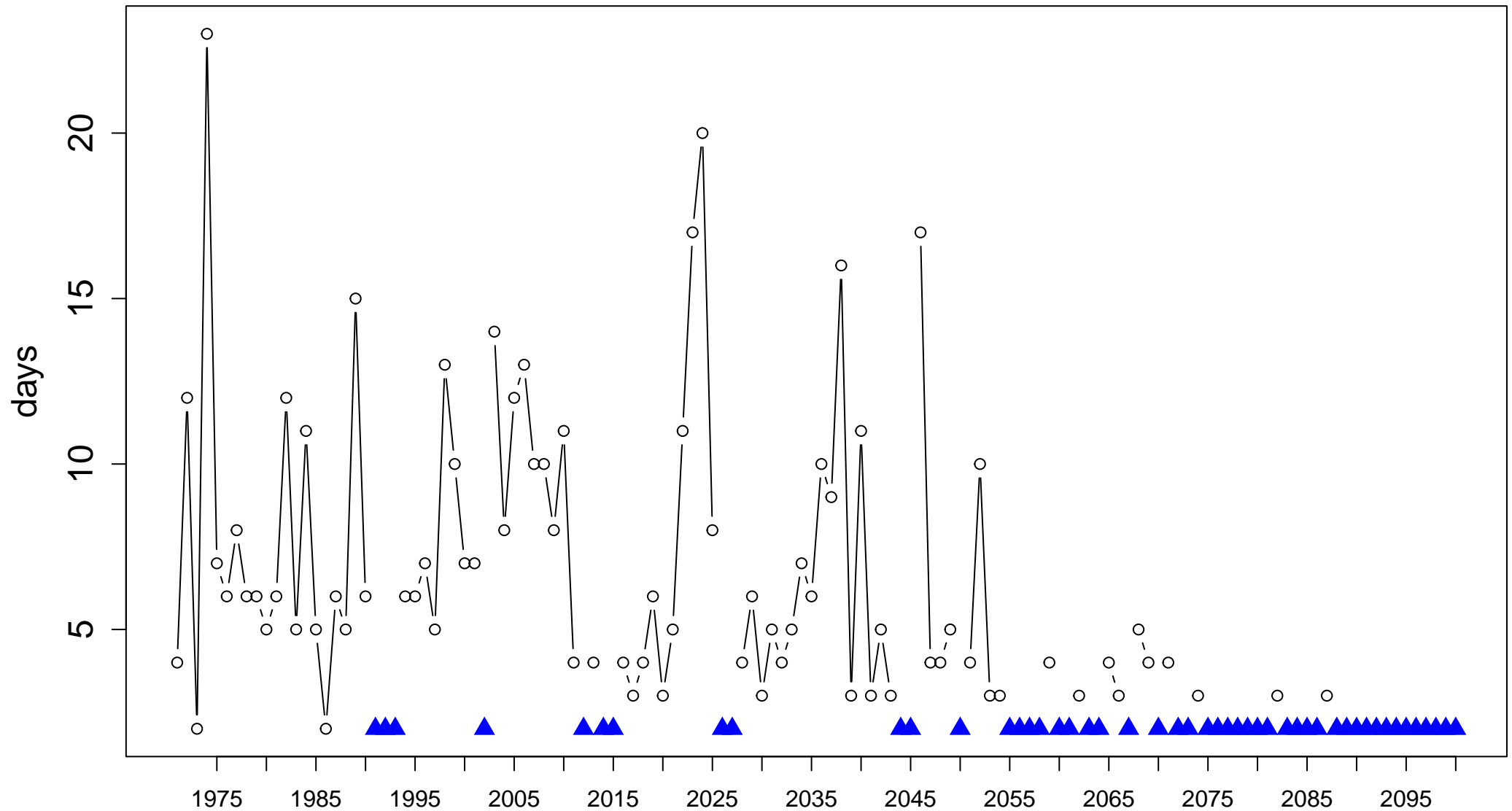# Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]

Index: CWN−ECF. Coldwave Number (number of discreet coldwave events)

Sen's slope = −0.019   lower bound = −0.024,   upper bound = −0.013,   p−value = 0

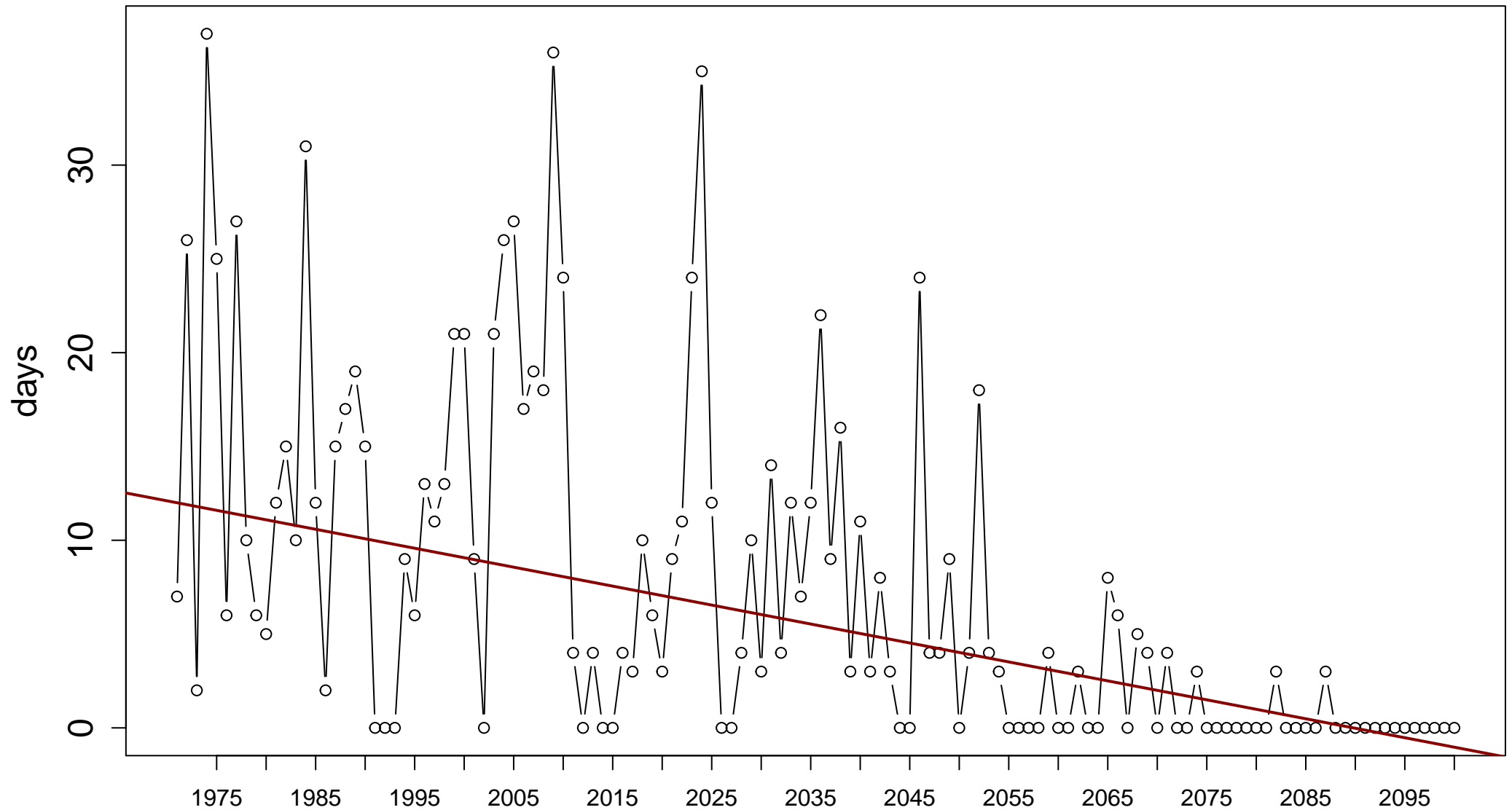**Station: final_1971_2005_Madrid_rcp85 [40.38°N, −3.69°W]**

Index: CWD−ECF. Coldwave Duration (length of longest coldwave event)

days

NO LINEAR TREND: requires at least 10 data points and 70% of time−series to be valid.

Climpact v 3.1.6

Station: final_1971_2005_Madrid_rcp85 [40.38°N, –3.69°W]

Index: CWF–ECF. Coldwave Frequency (number of days contributing to coldwave events)

Sen's slope = –0.101   lower bound = –0.136,   upper bound = –0.068,   p–value = 0

Climpact v 3.1.6