

Regression based on seasonal variations

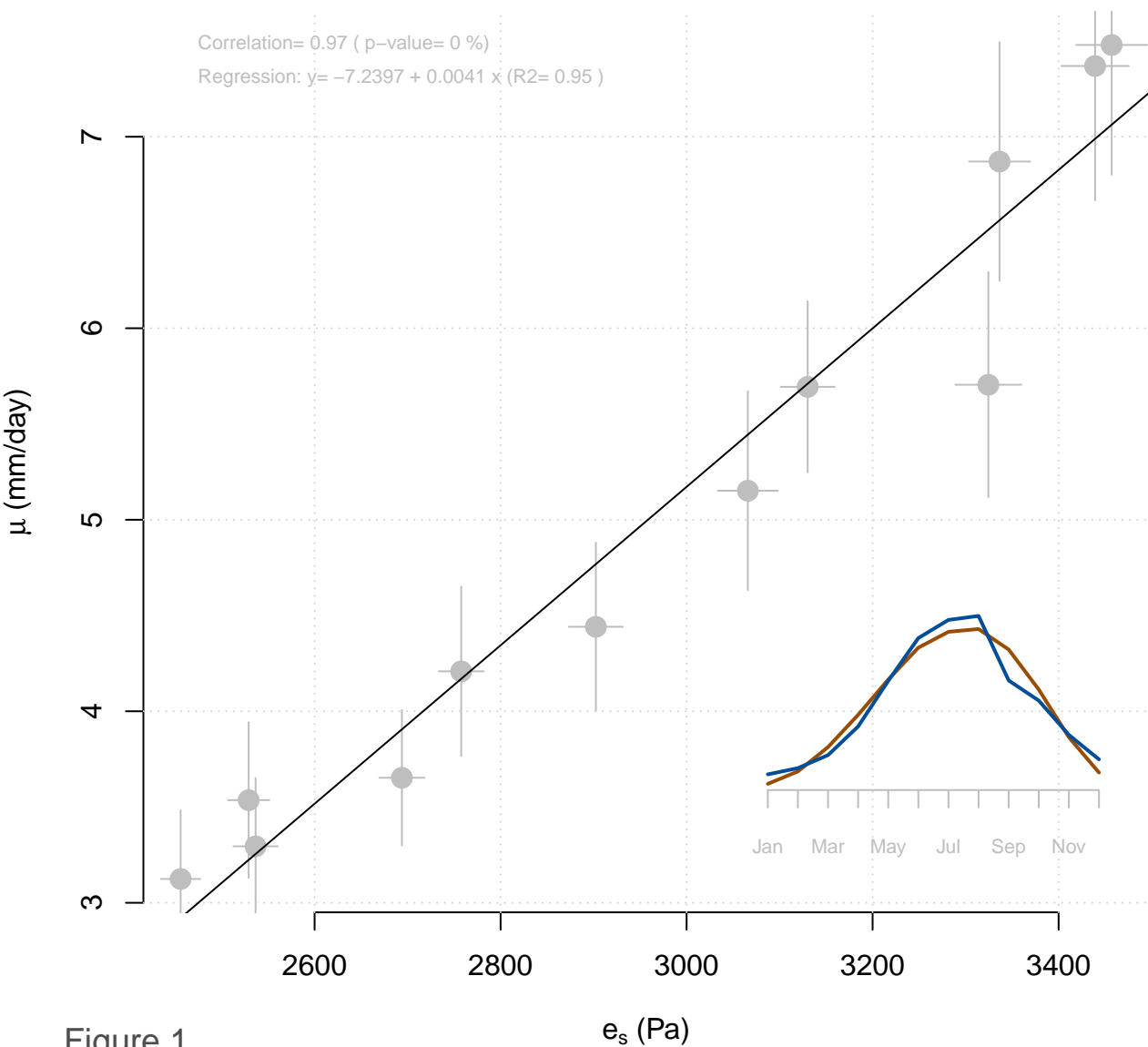


Figure 1

VELIKIE LUKI (30.62E/56.35N; 97m.a.s.l.)

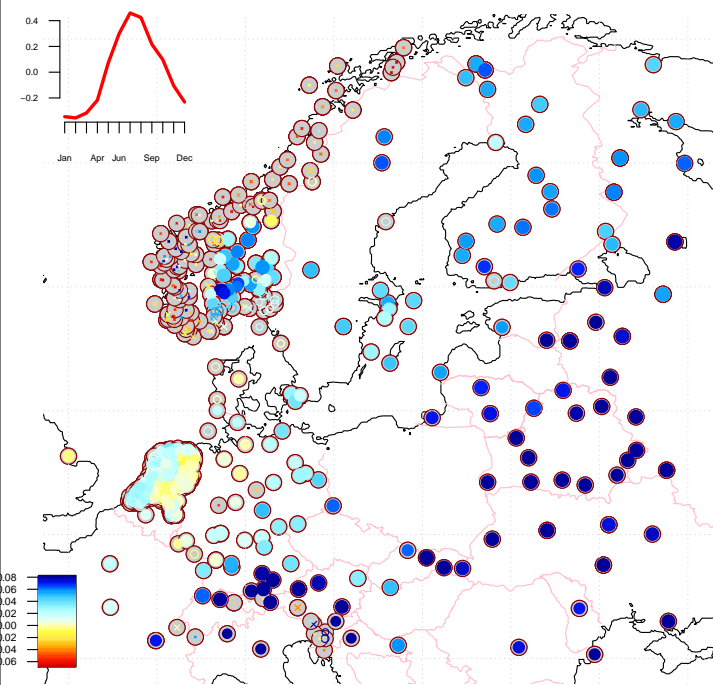


Figure 2a

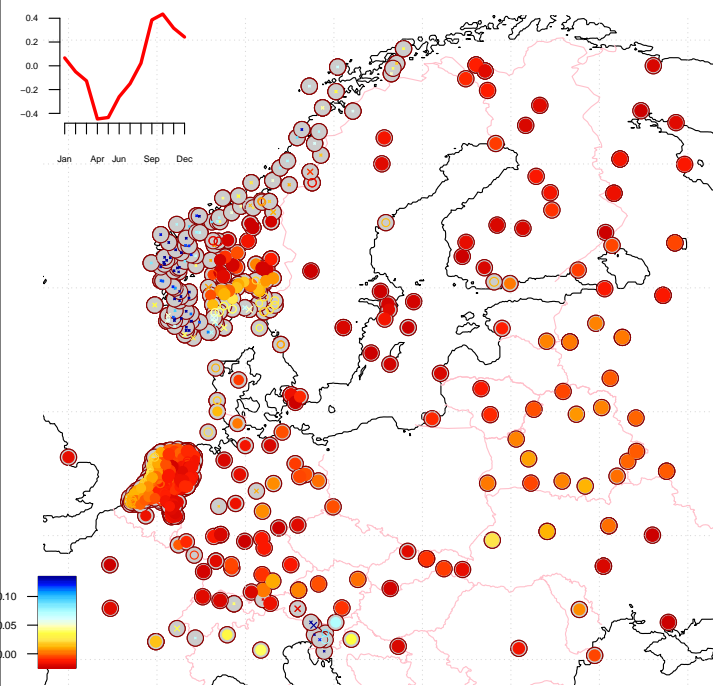
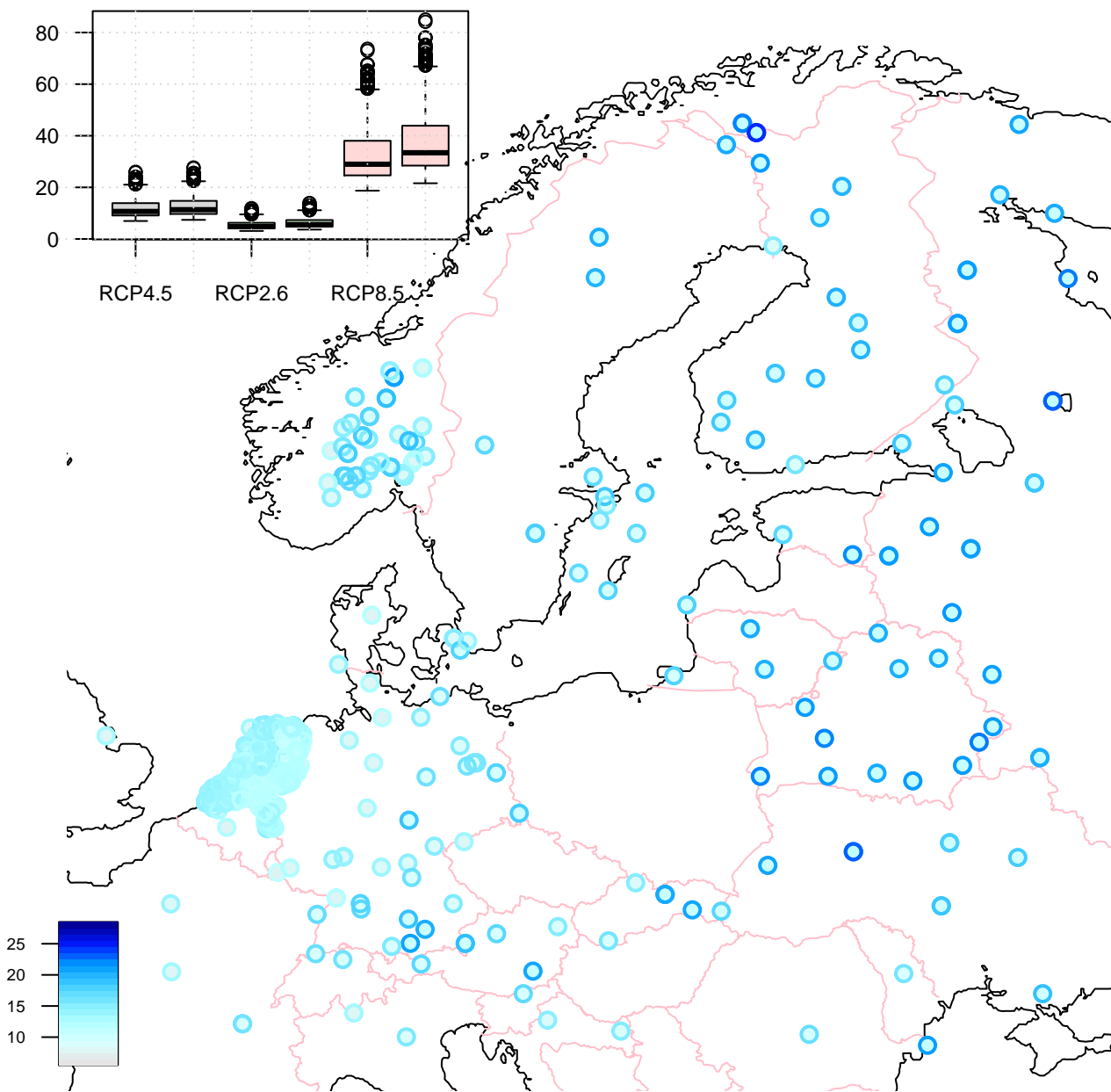


Figure 2b



Supporting figures

GARDERMOEN

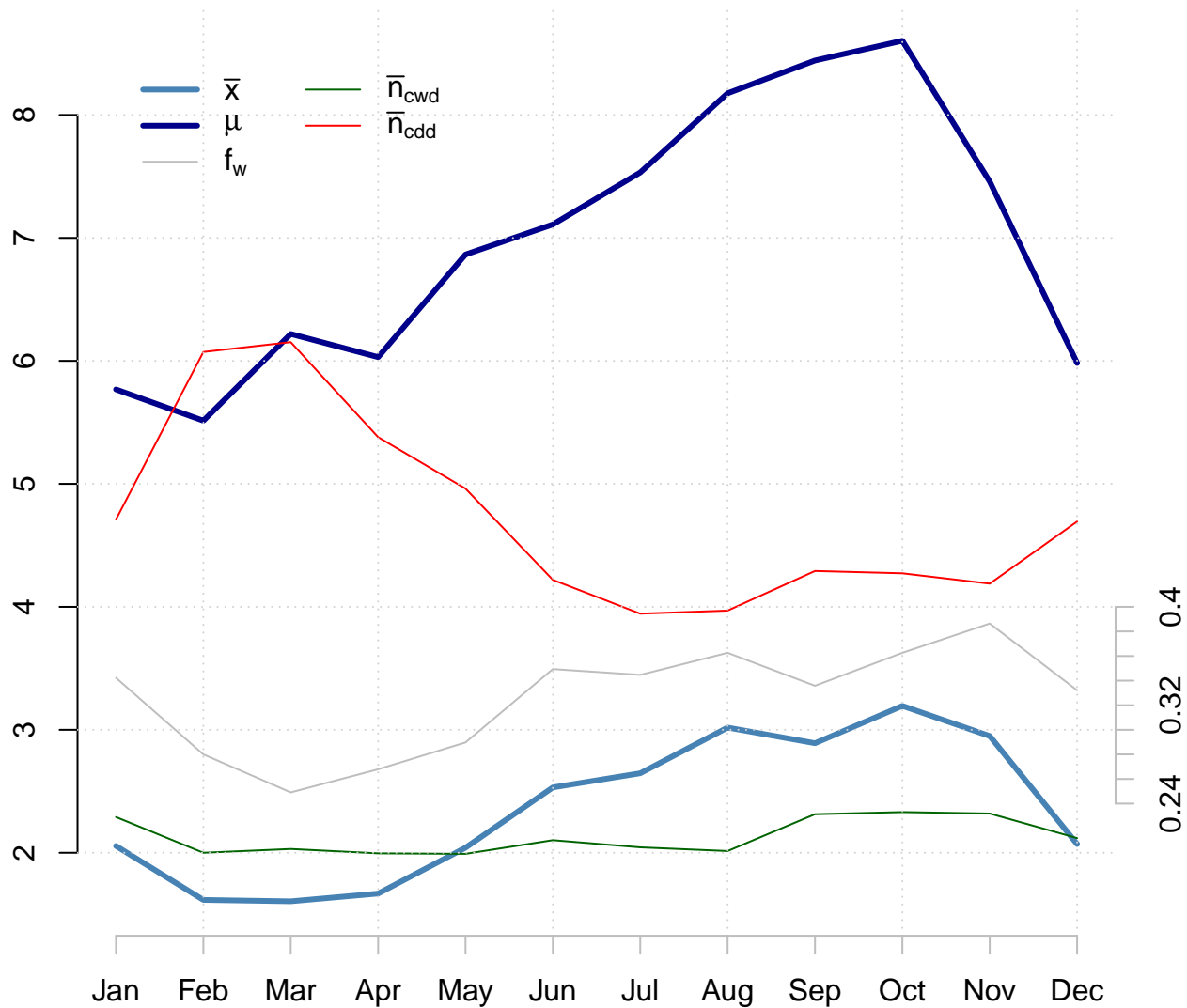


Figure SM1

Calendar month

Test: exponential distribution & changing mean

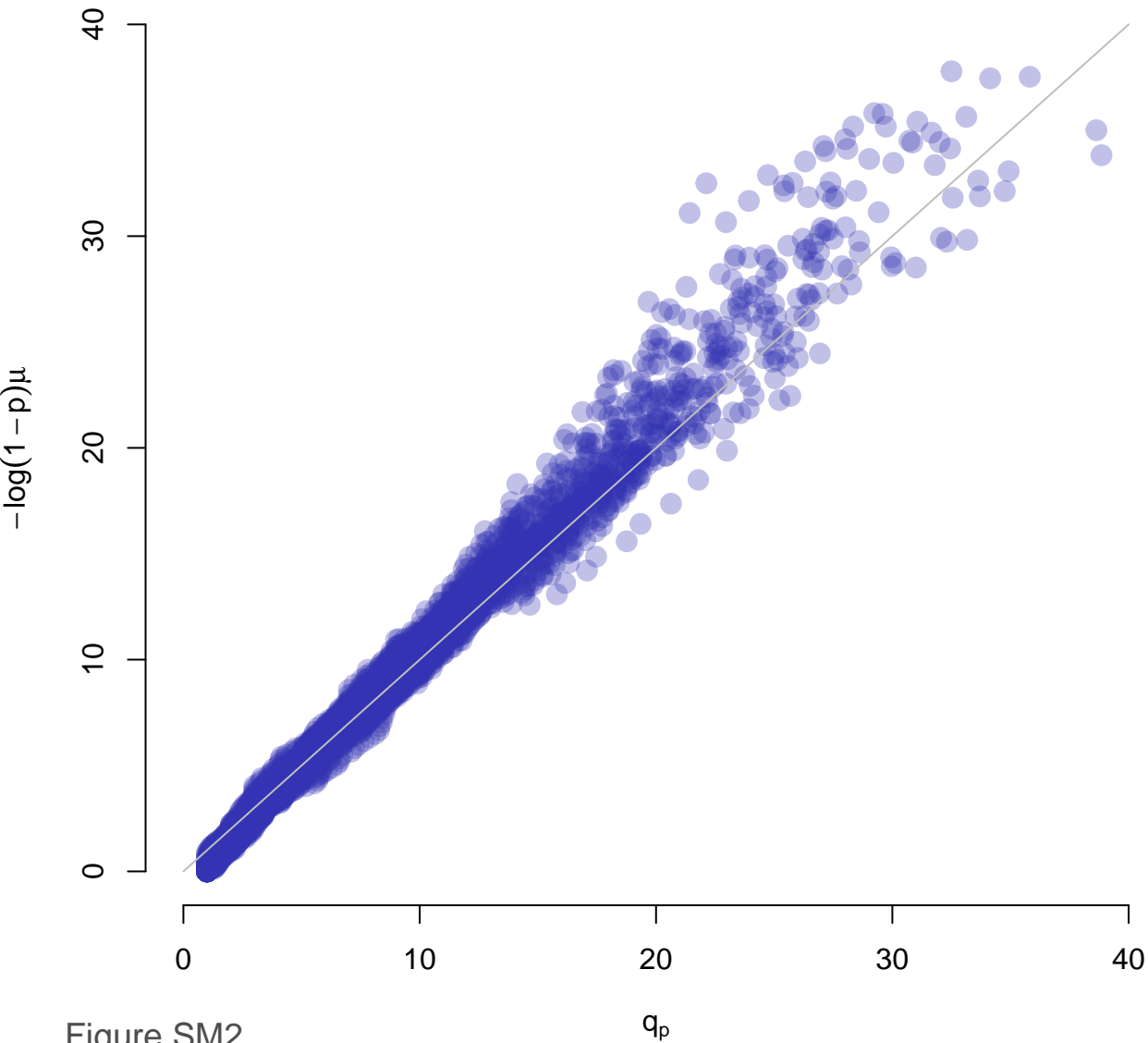
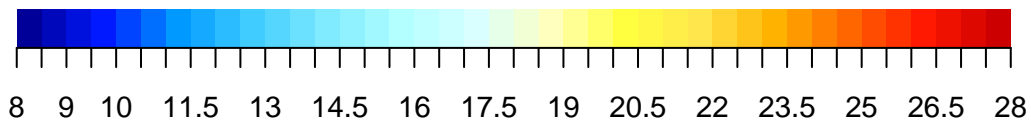
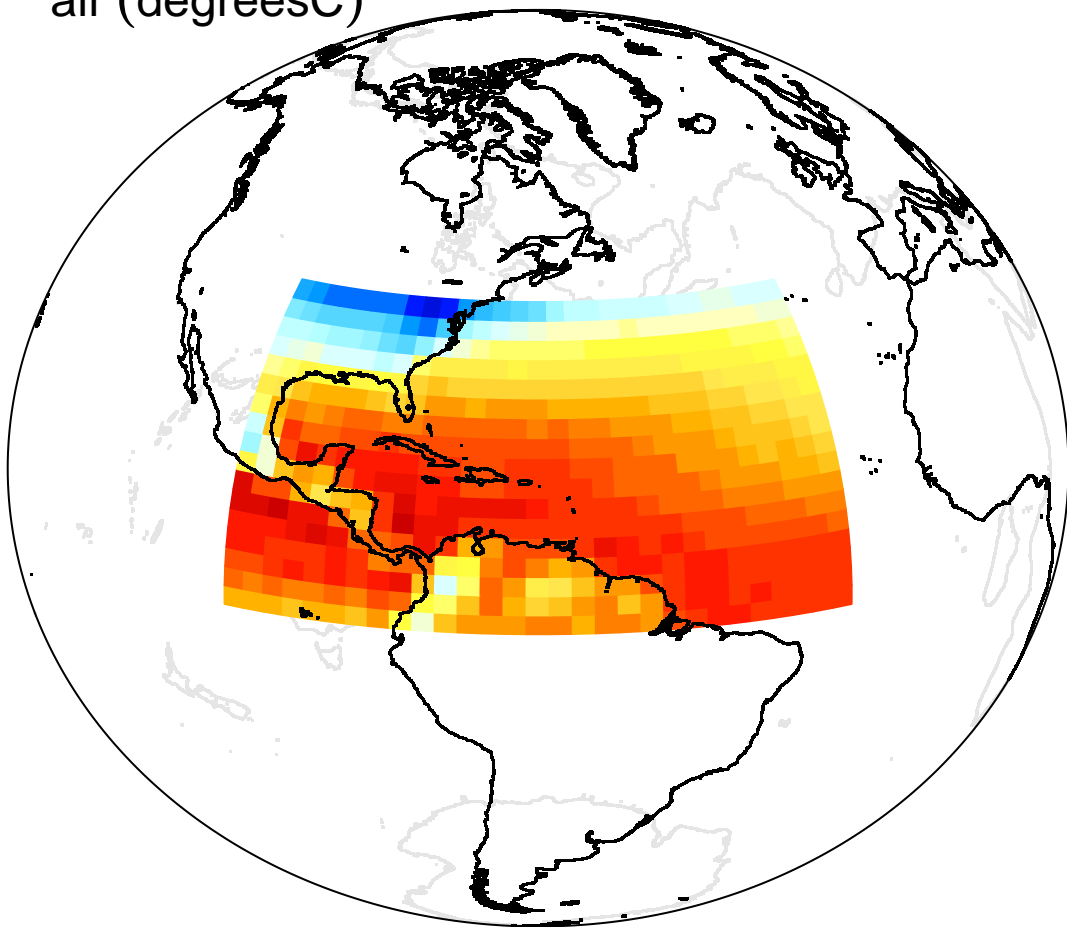


Figure SM2

Figure SM3

air (degreesC)



Wet-day mean at STOCKHOLM

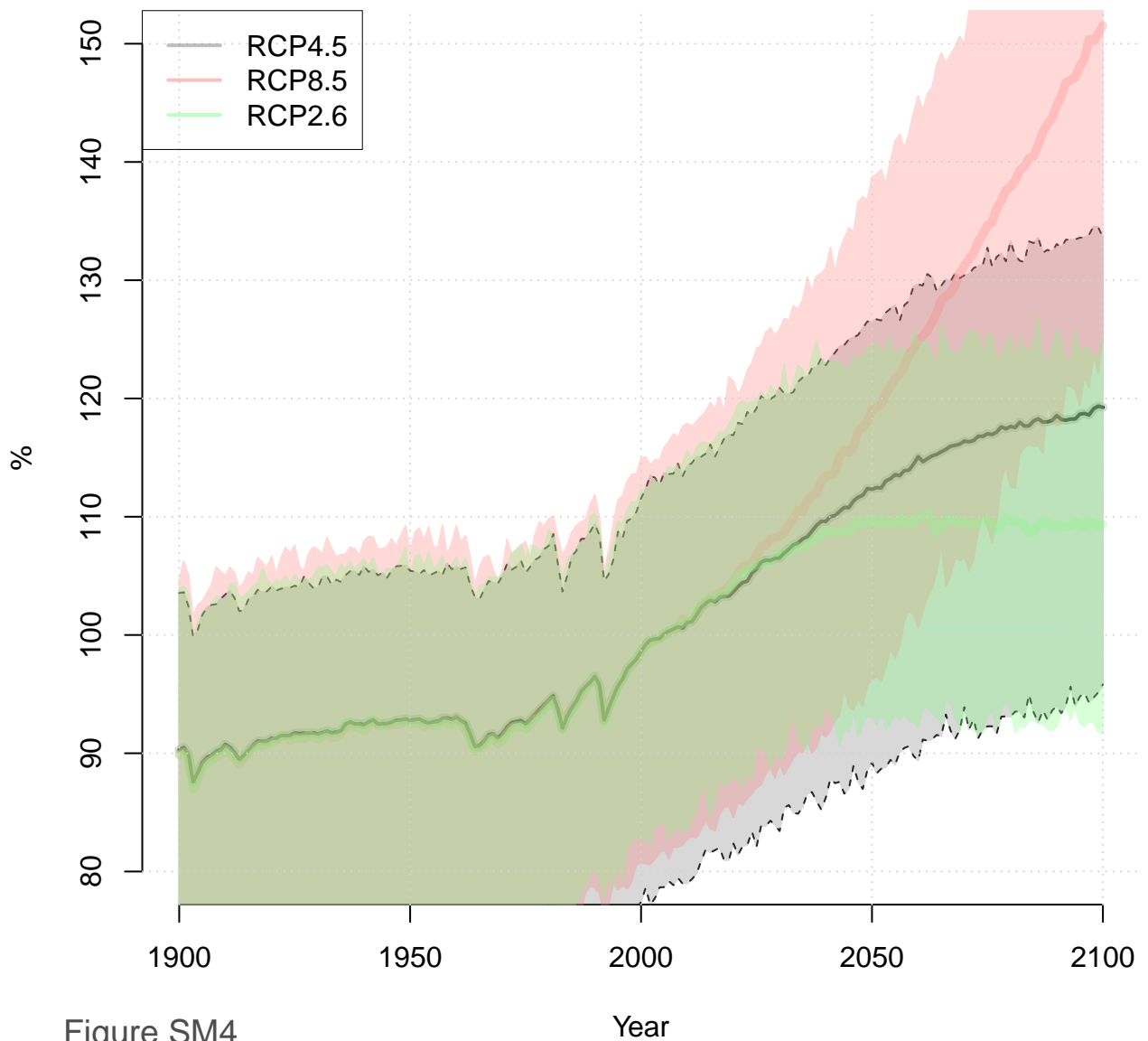


Figure SM4

Summary of regression scores

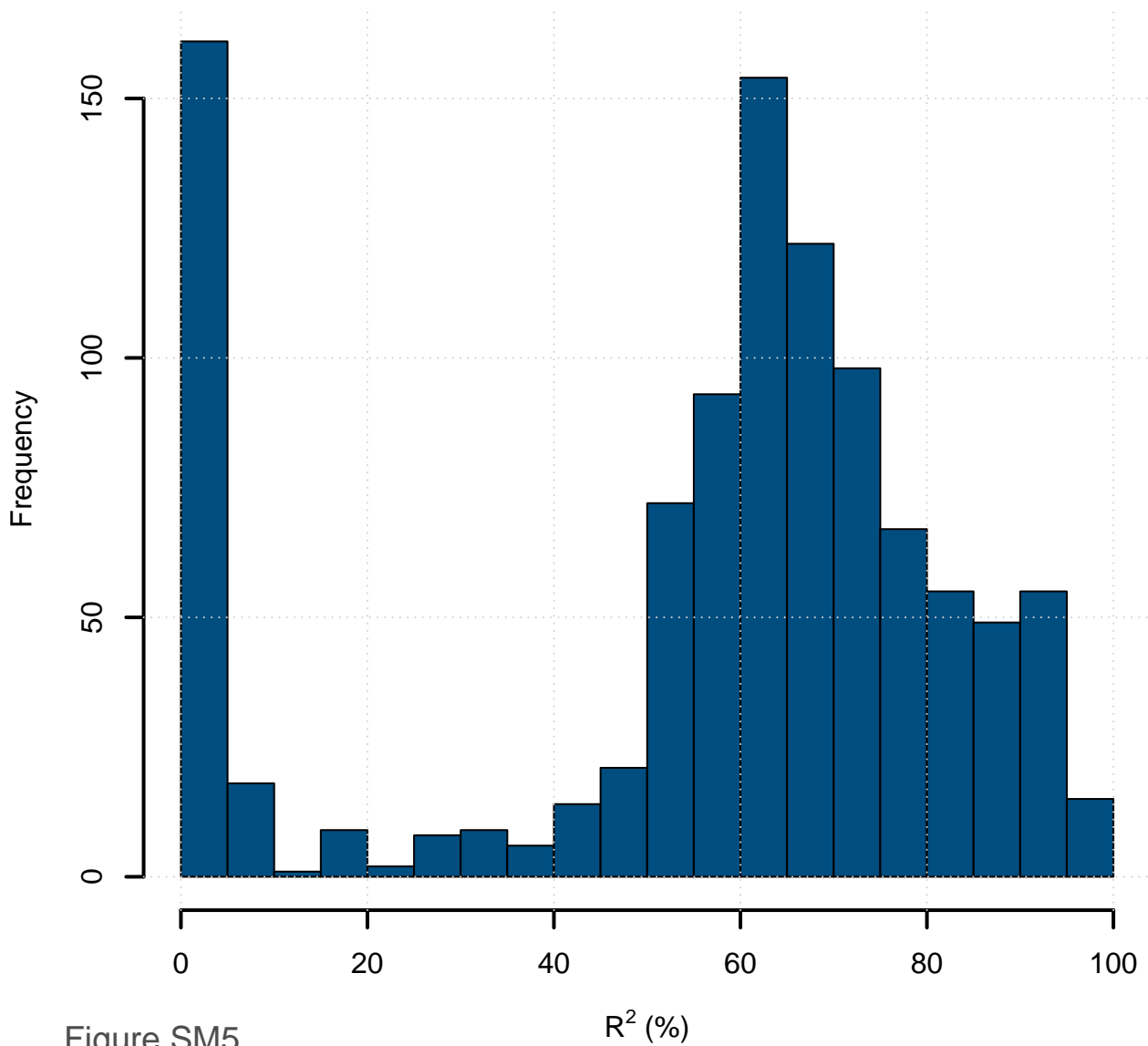
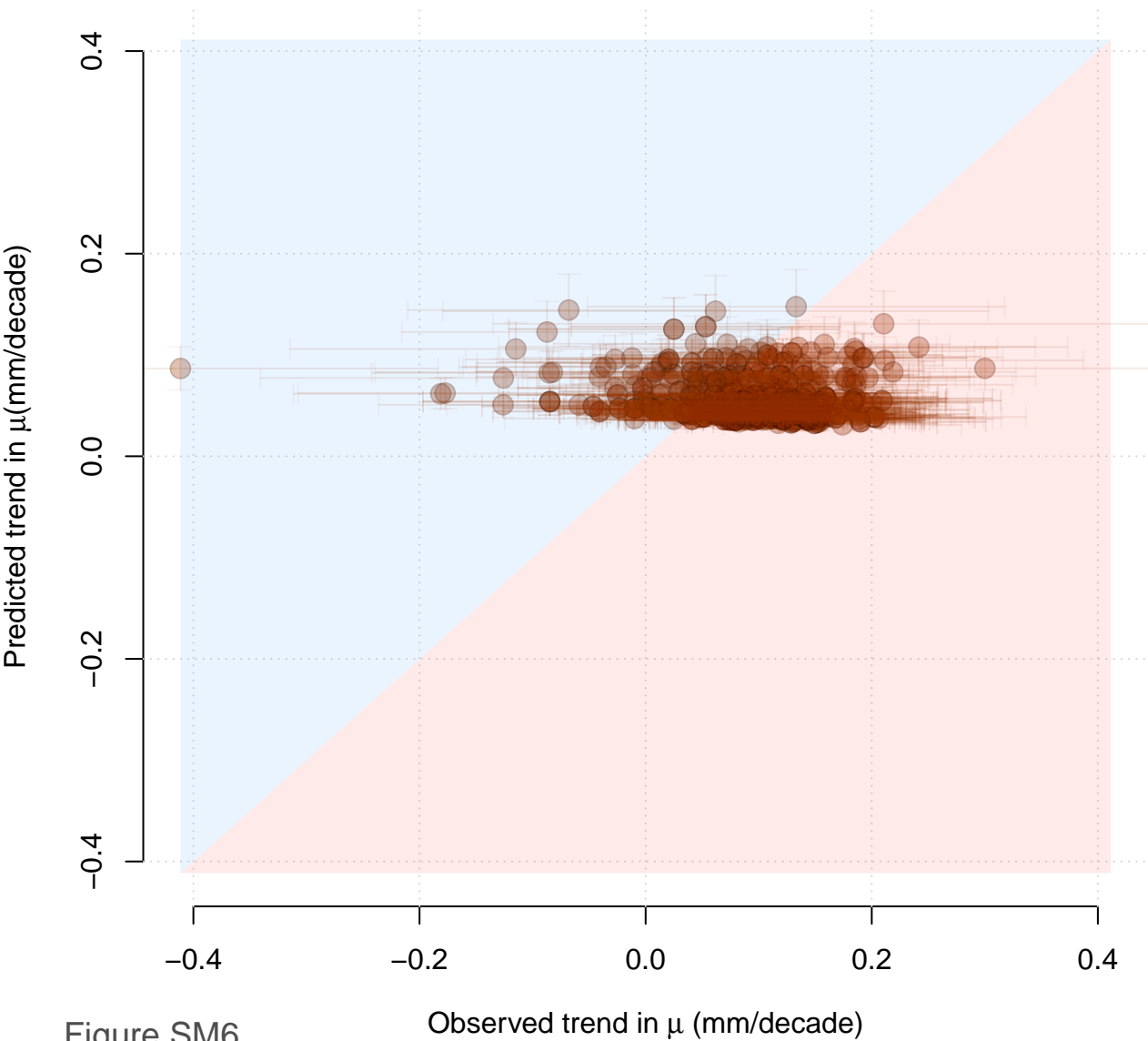


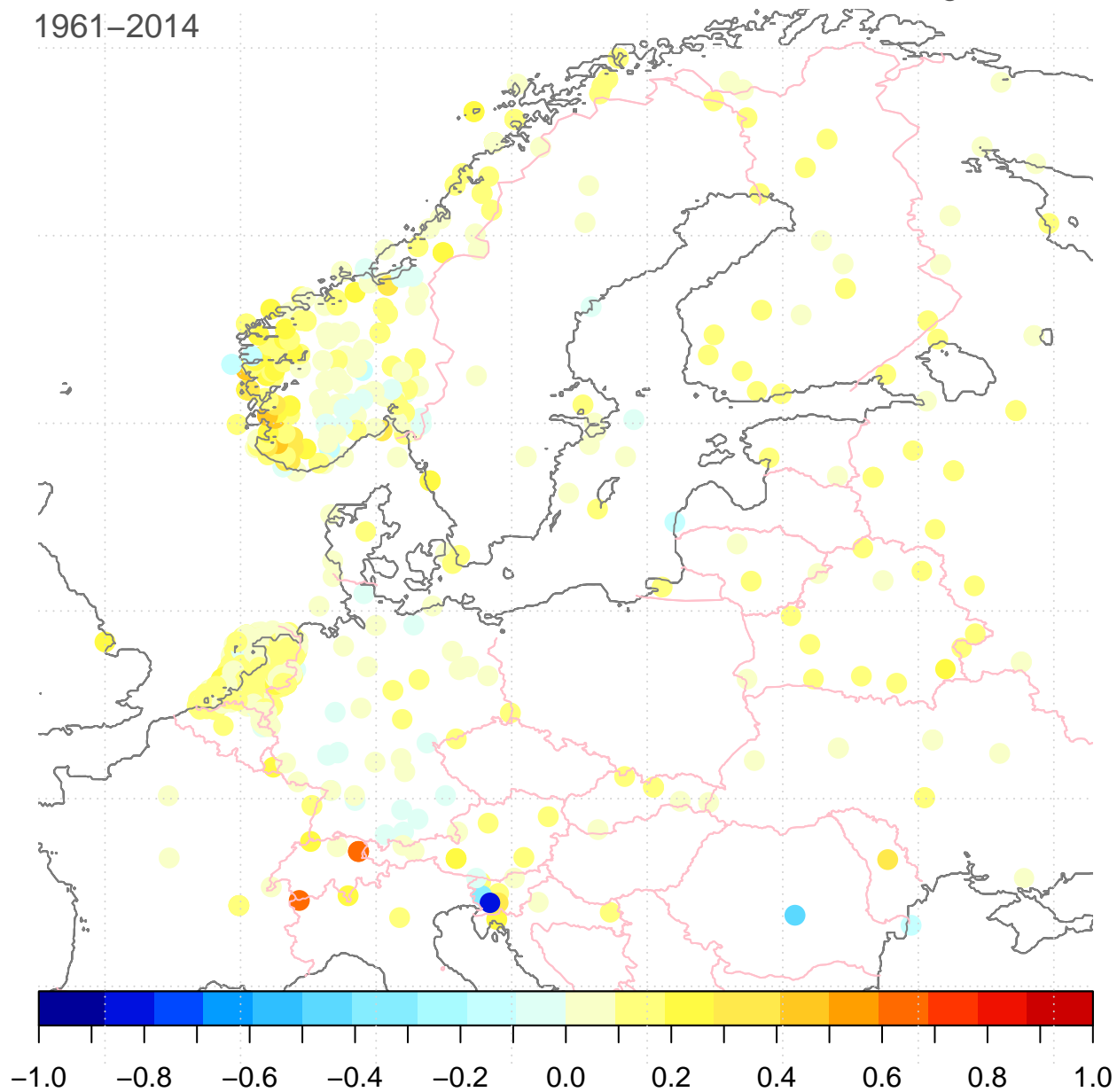
Figure SM5



Trend in μ (mm/day per decade)

Figure SM7

1961–2014



Trend in wet-day frequency (1961–2014)

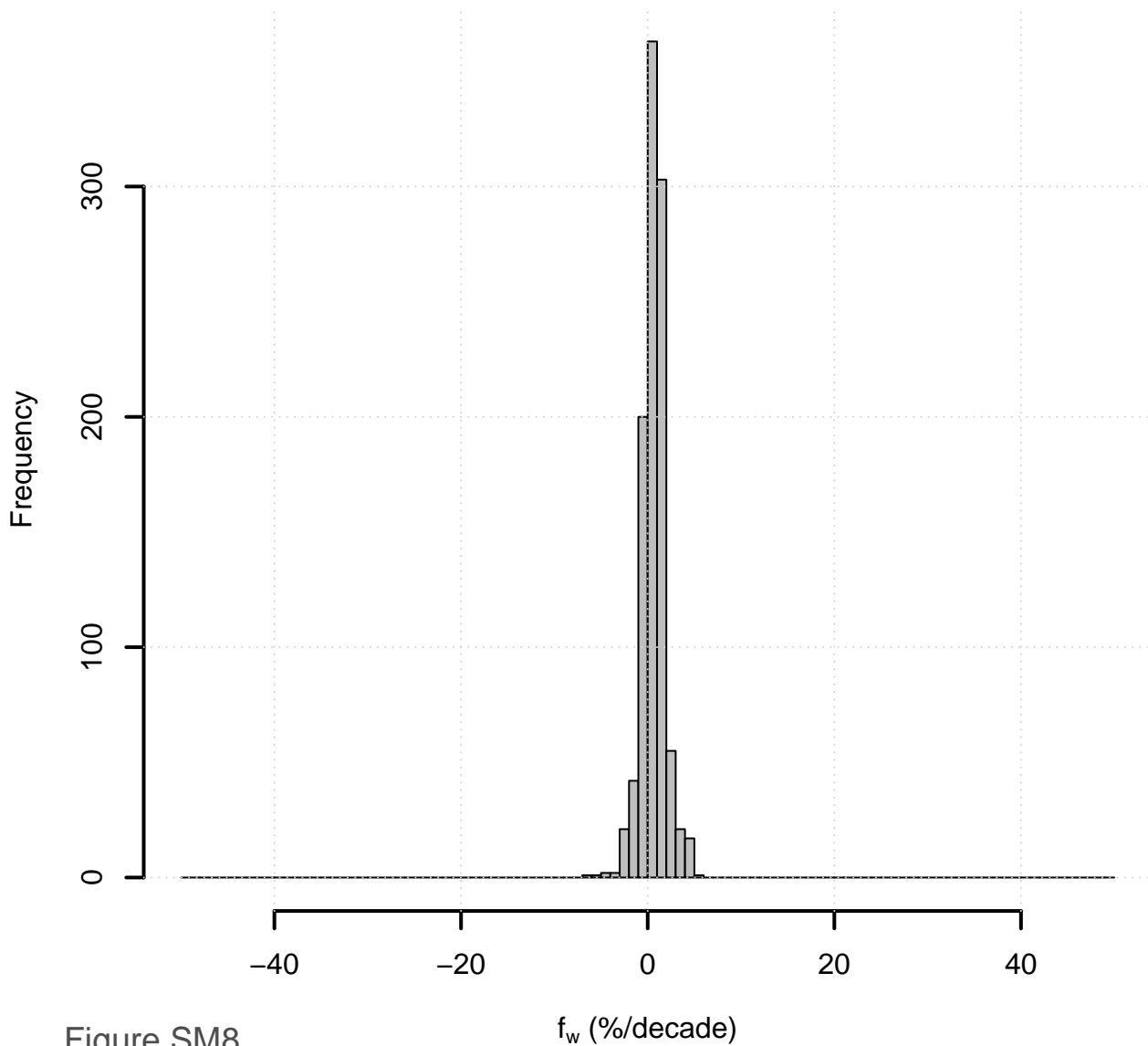
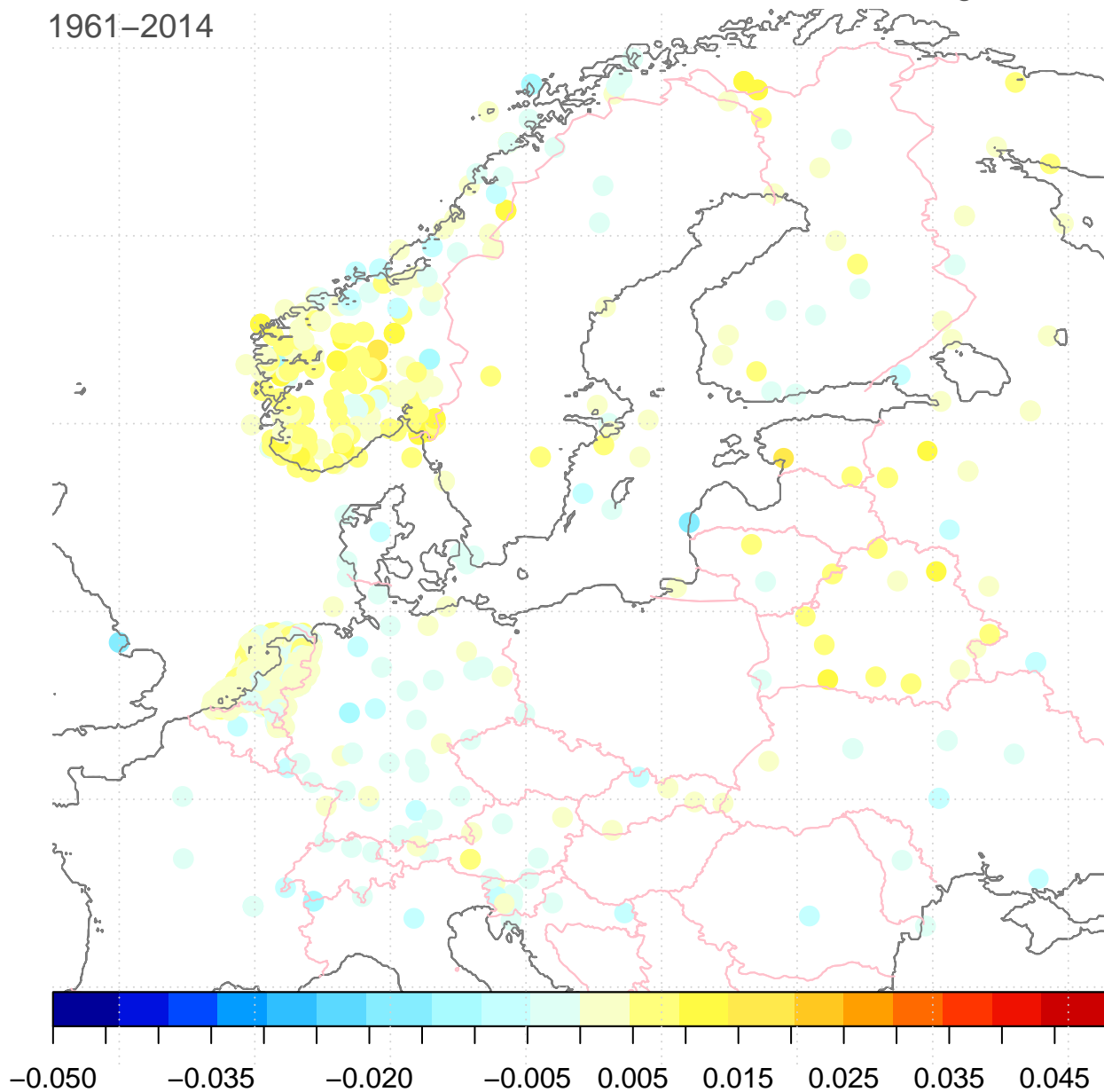


Figure SM8

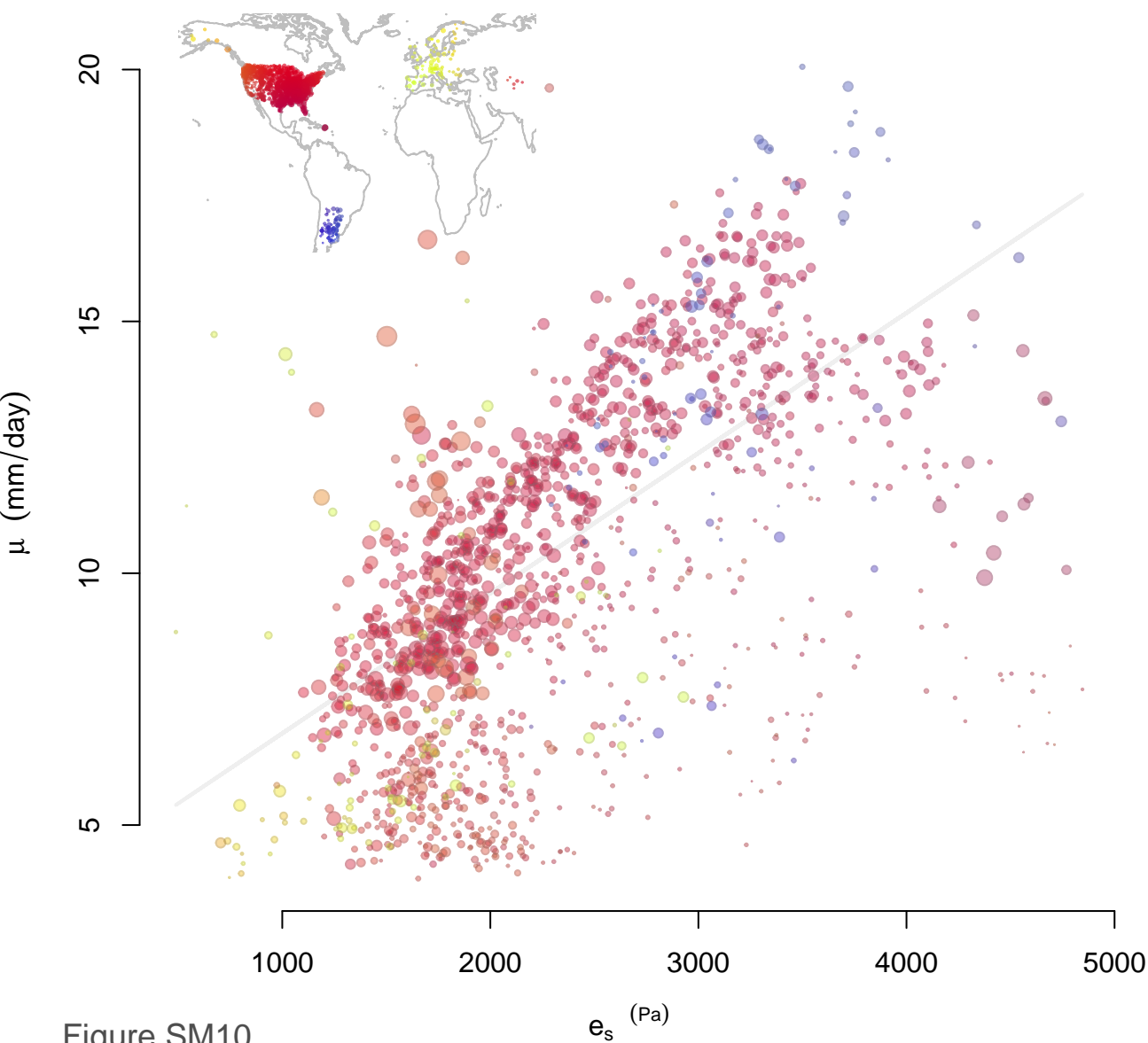
Trend in f_w (fraction per decade)

Figure SM9

1961–2014



Wet-day mean precipitation temperature dependency



Scaling coefficient for μ and e_s

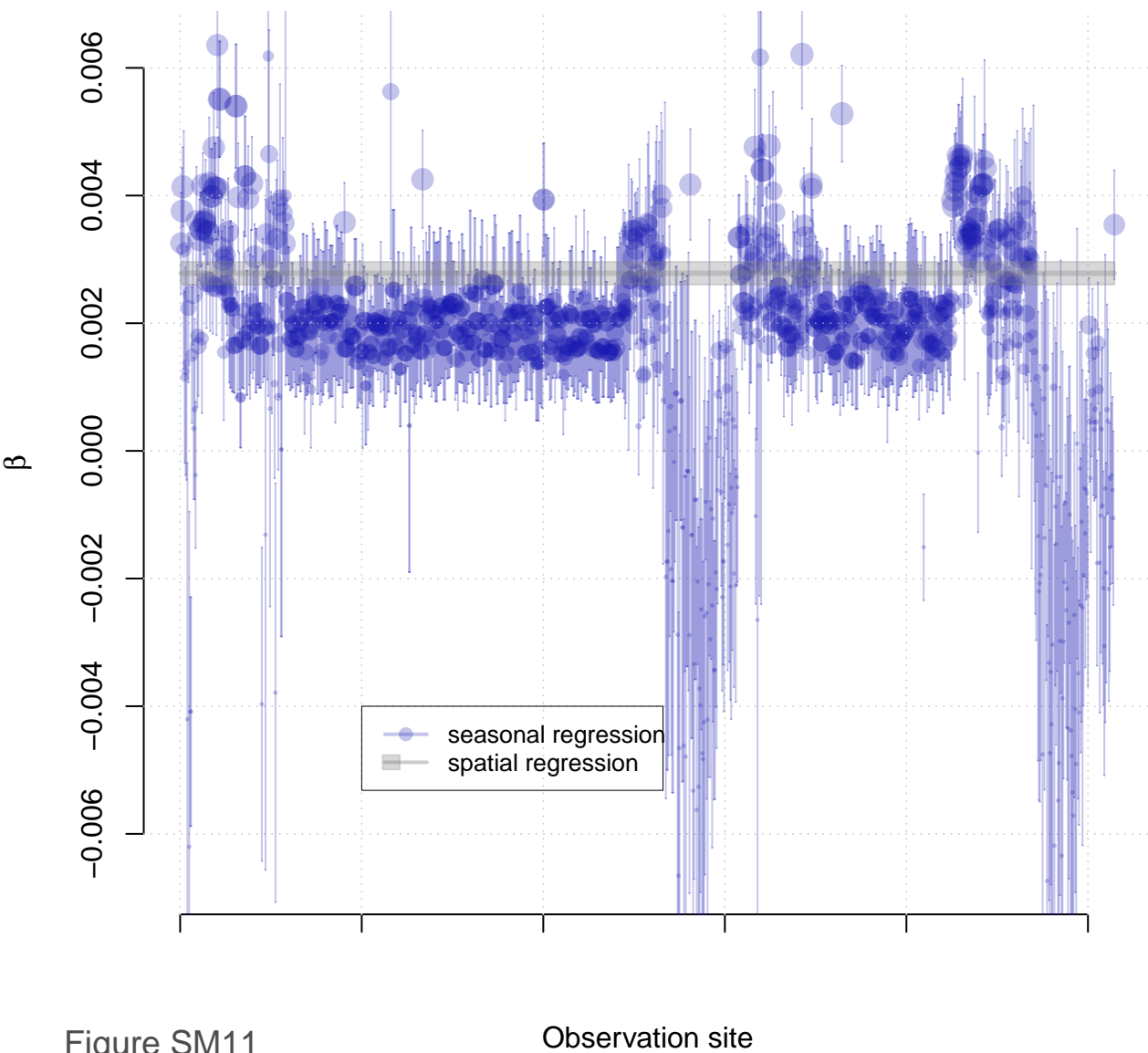


Figure SM11