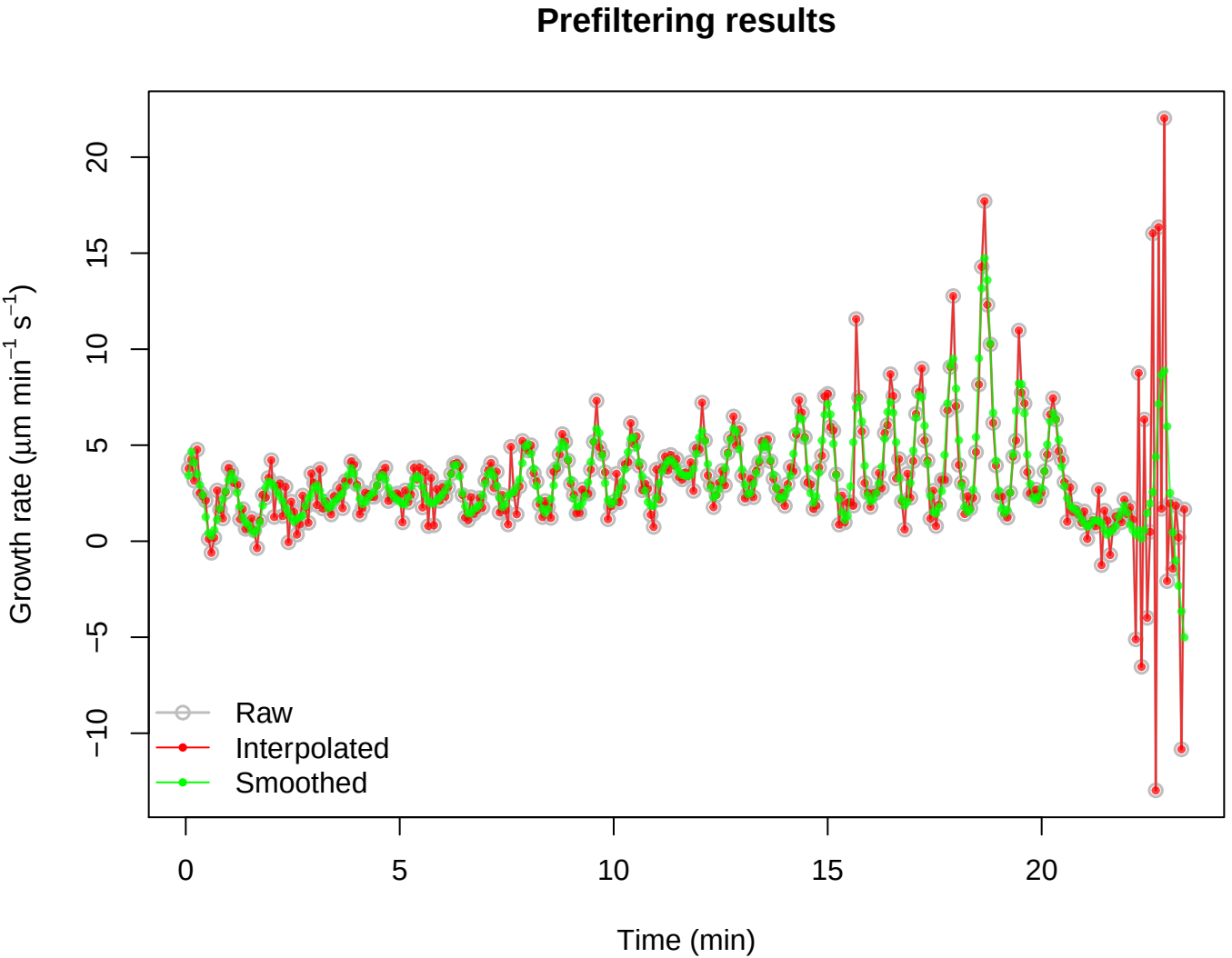
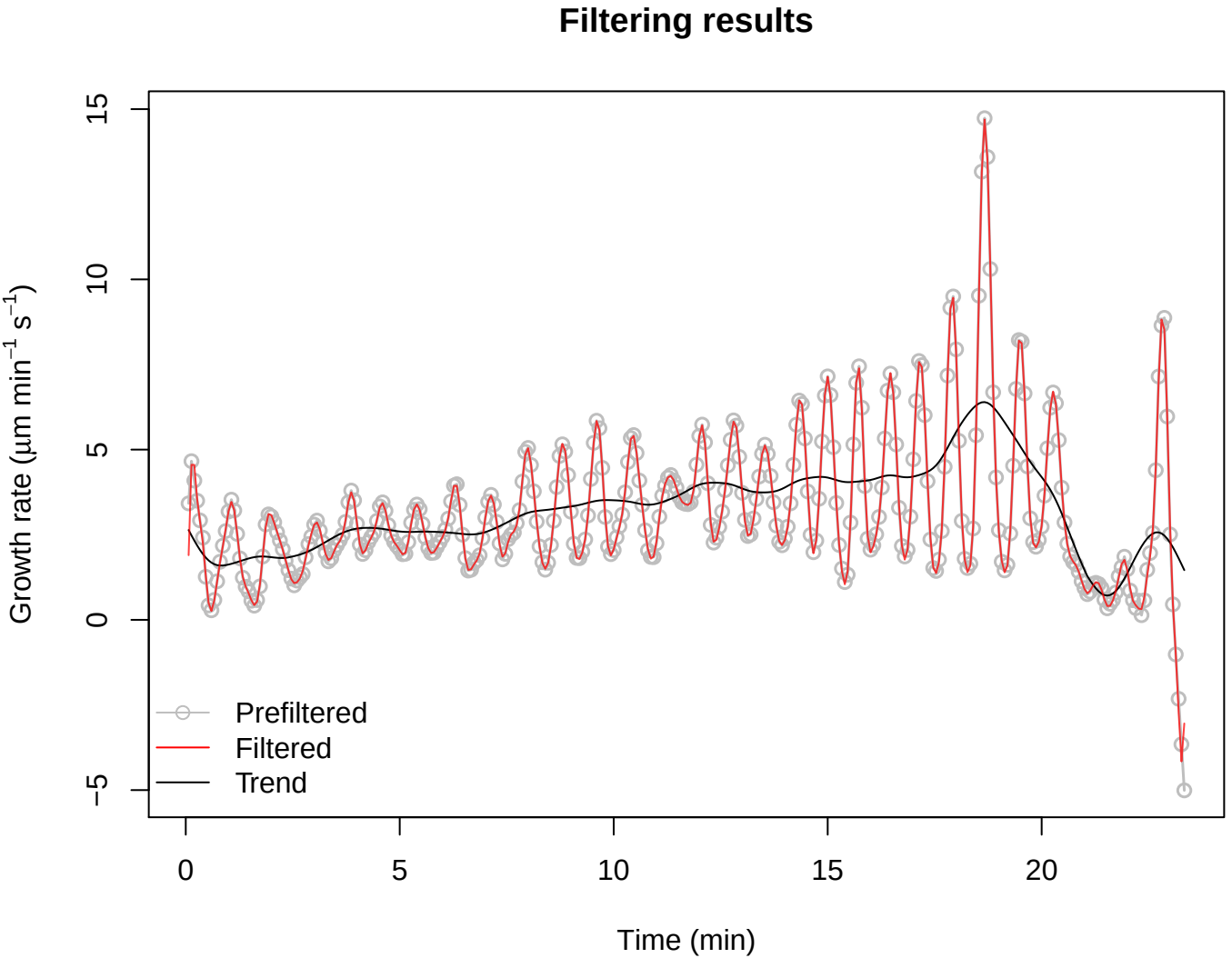
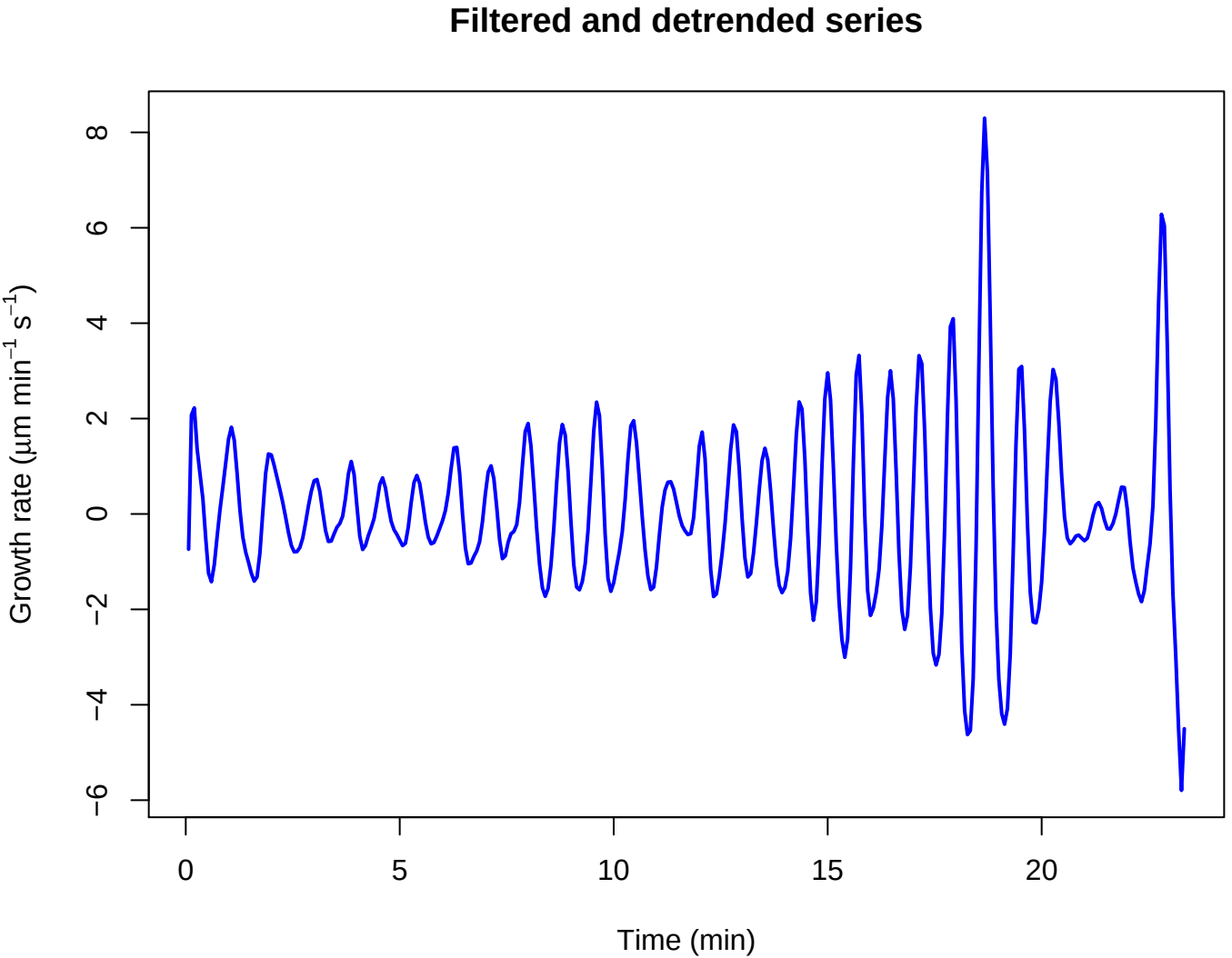
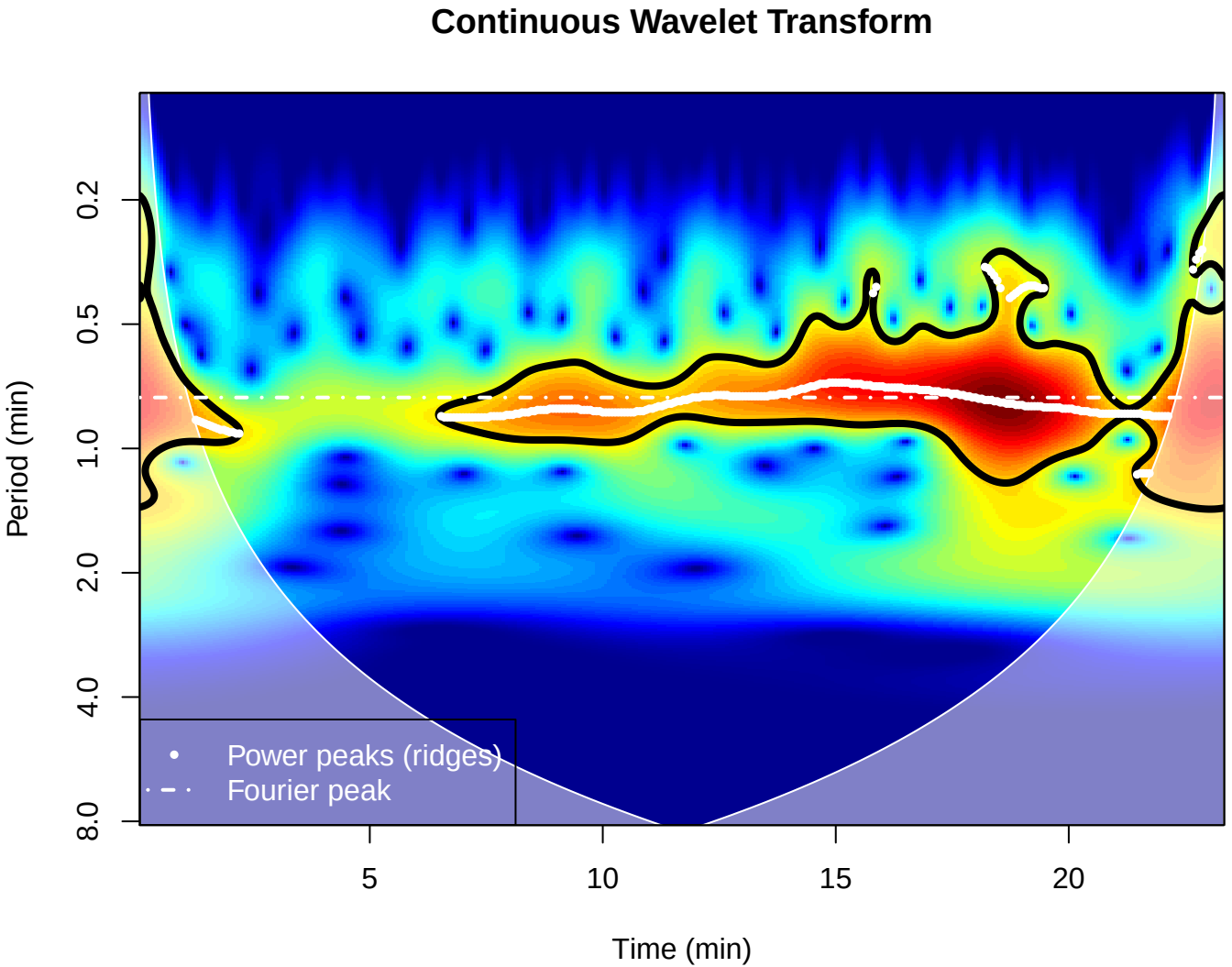

Prefiltering results
Growth rate (µm min^{-1} s^{-1})
20
15
10
5
0
−5
−10
Raw
Interpolated
Smoothed
0
5
10
15
20
Time (min)


Filtering results
Growth rate (µm min^{-1} s^{-1})
15
10
5
0
−5
0
5
10
15
20
Time (min)
Prefiltered
Filtered
Trend


Filtered and detrended series
Growth rate (µm min^{-1} s^{-1})
8
6
4
2
0
−2
−4
−6
0
5
10
15
20
Time (min)


Continuous Wavelet Transform
Period (min)
0.2
0.5
1.0
2.0
4.0
8.0
5
10
15
20
Time (min)
Power peaks (ridges)
Fourier peak