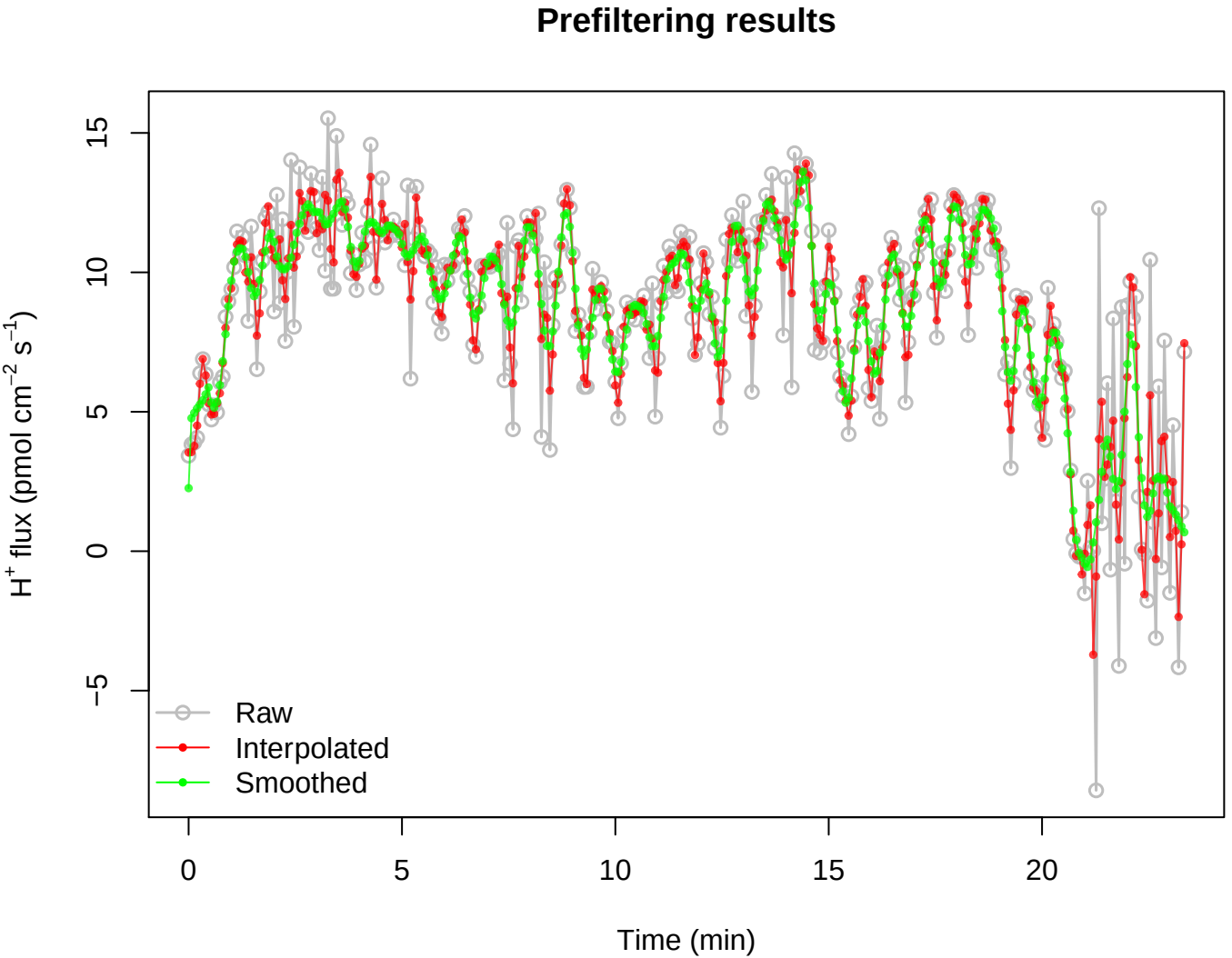
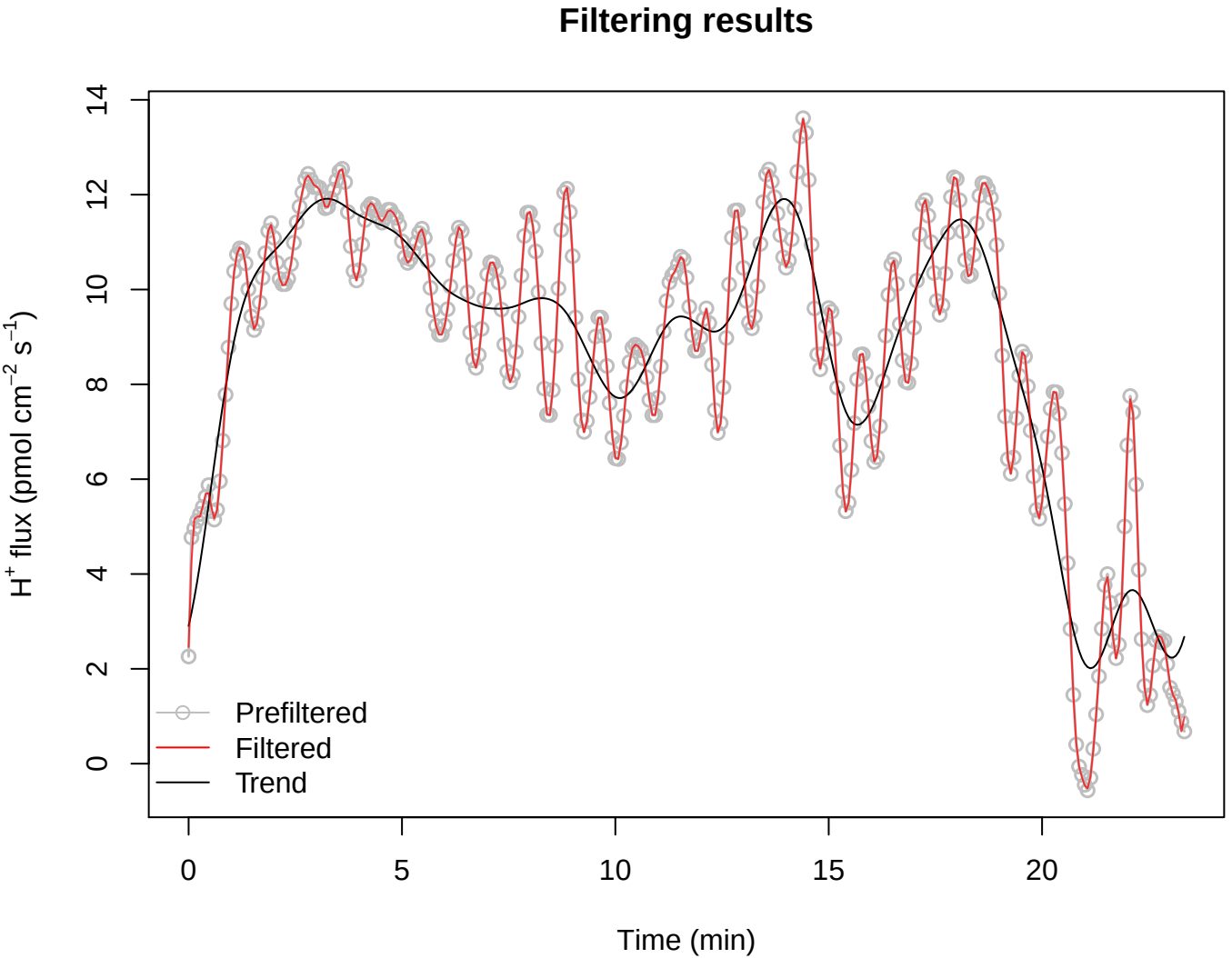
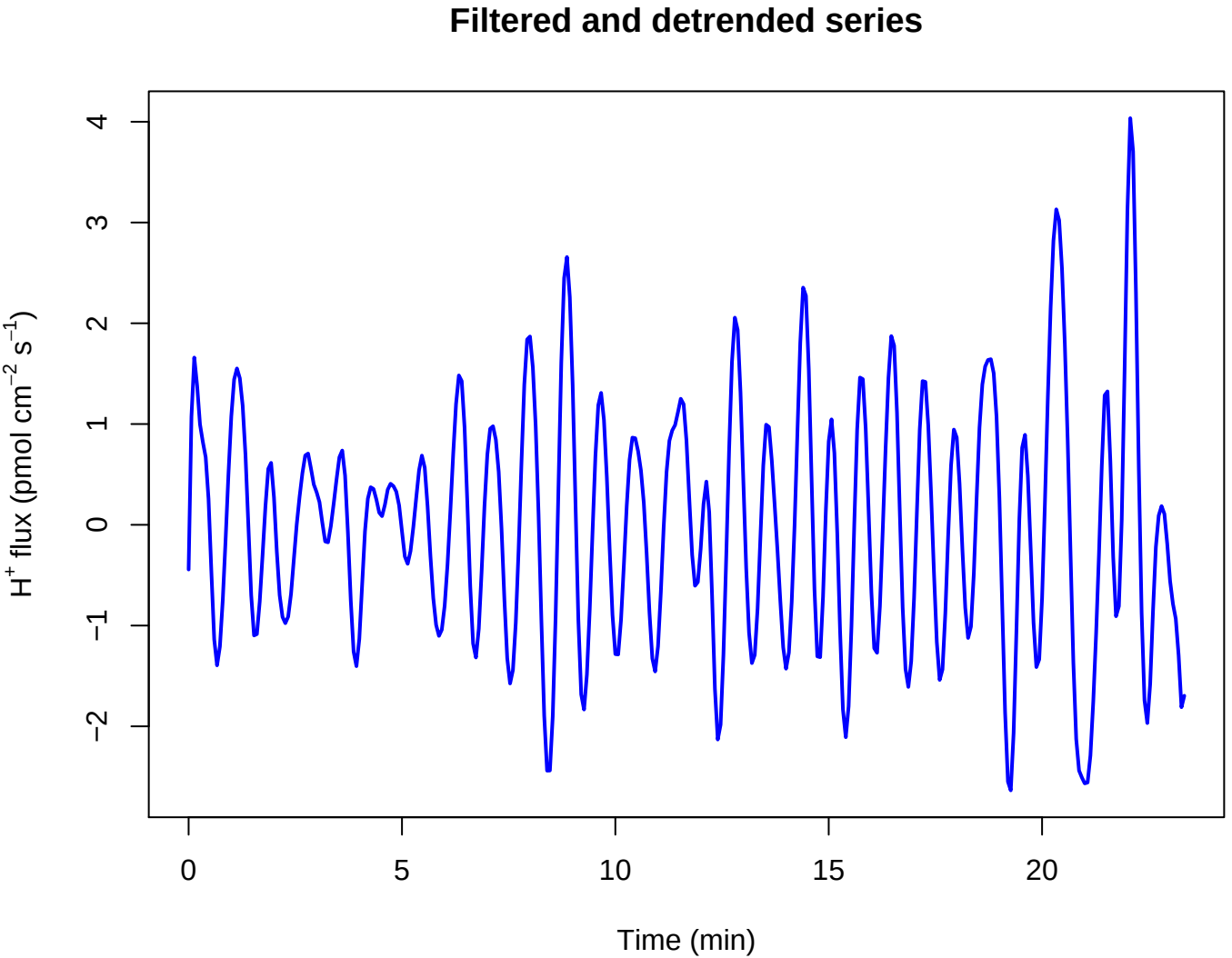
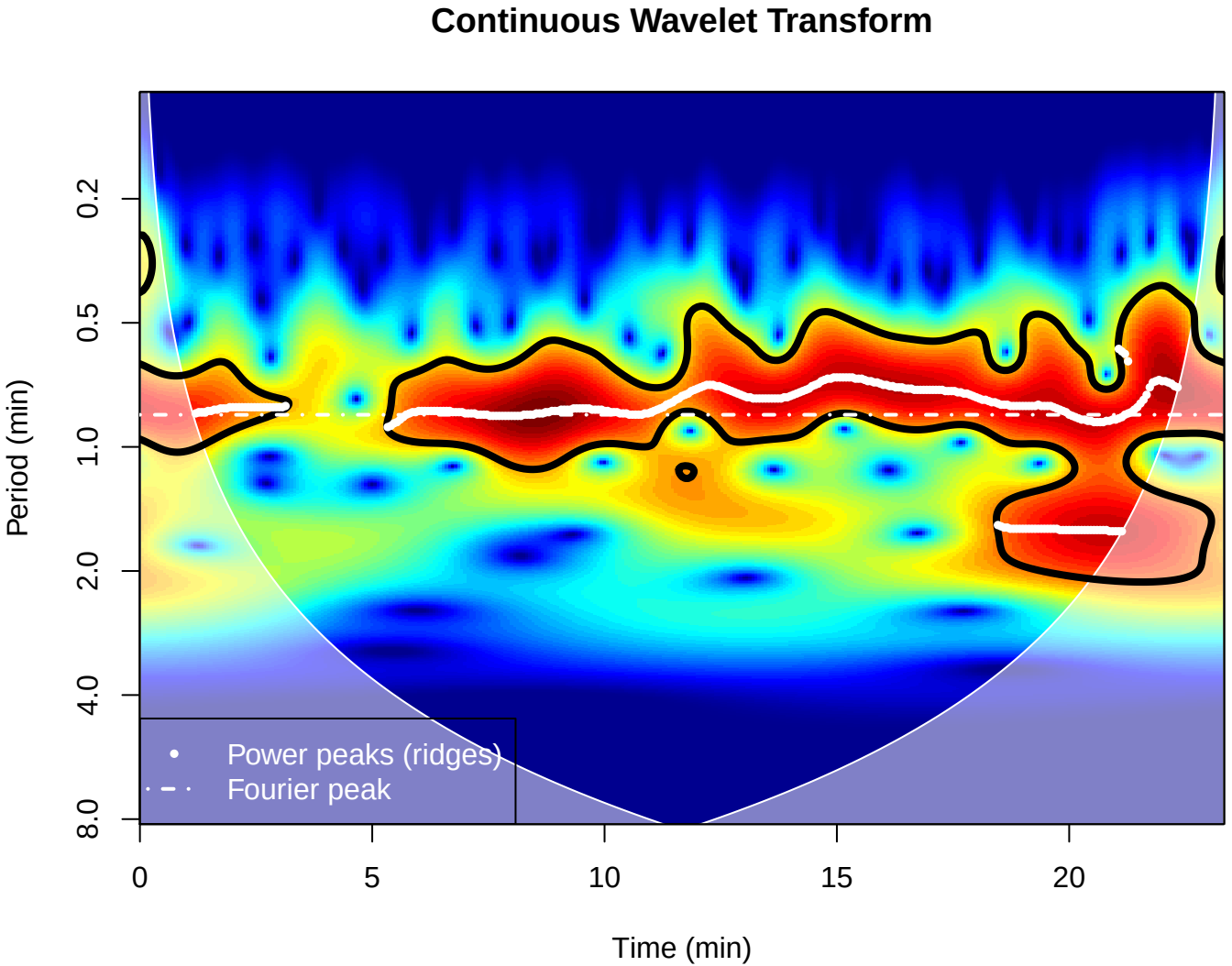

Prefiltering results
H+ flux (pmol cm−2 s−1)
15
10
5
0
−5
0
5
10
15
20
Time (min)
Raw
Interpolated
Smoothed


Filtering results
H+ flux (pmol cm−2 s−1)
0
2
4
6
8
10
12
14
0
5
10
15
20
Time (min)
Prefiltered
Filtered
Trend


Filtered and detrended series
H+ flux (pmol cm−2 s−1)
4
3
2
1
0
−1
−2
0
5
10
15
20
Time (min)


Continuous Wavelet Transform
Period (min)
0.2
0.5
1.0
2.0
4.0
8.0
0
5
10
15
20
Time (min)
Power peaks (ridges)
Fourier peak