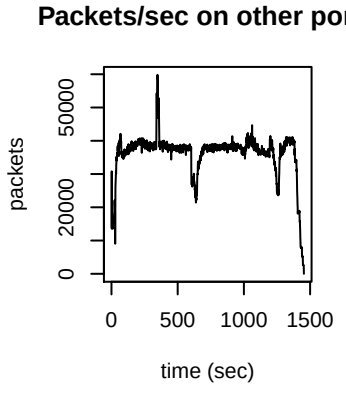
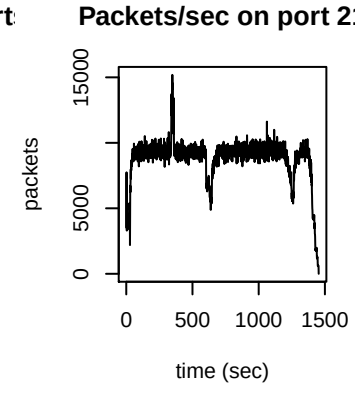
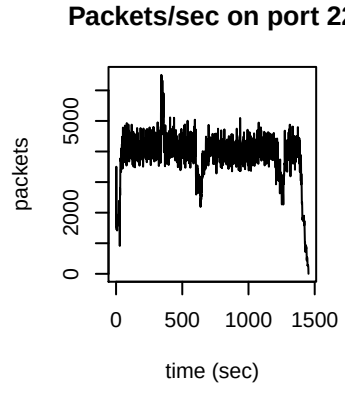
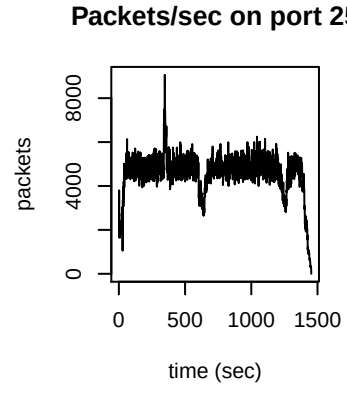
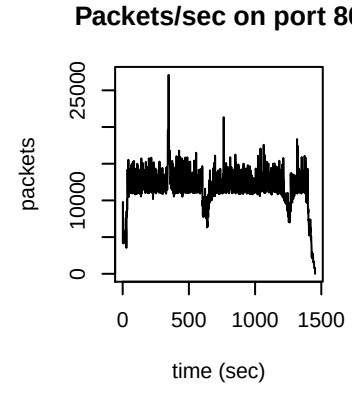
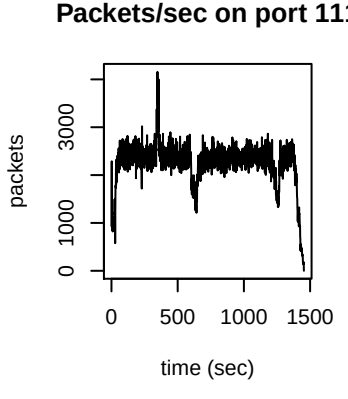

Packets/sec on other port
packets
0
20000
50000
0
500
1000
1500
time (sec)

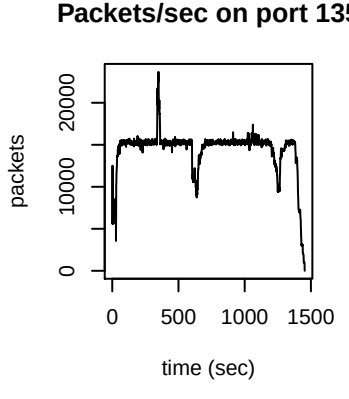

Packets/sec on port 21
packets
0
5000
15000
0
500
1000
1500
time (sec)

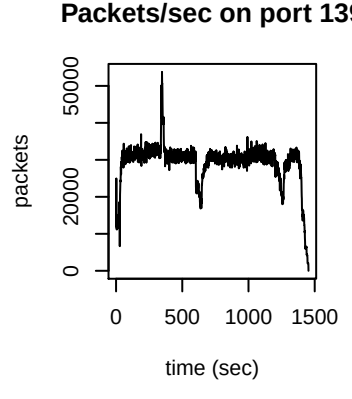

Packets/sec on port 22
packets
0
2000
5000
0
500
1000
1500
time (sec)

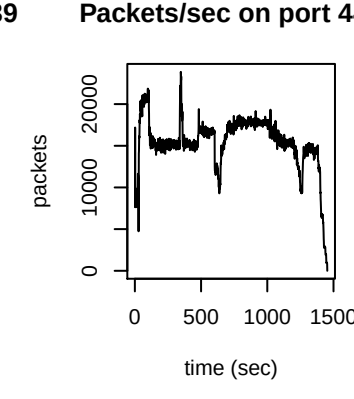

Packets/sec on port 25
packets
0
4000
8000
0
500
1000
1500
time (sec)

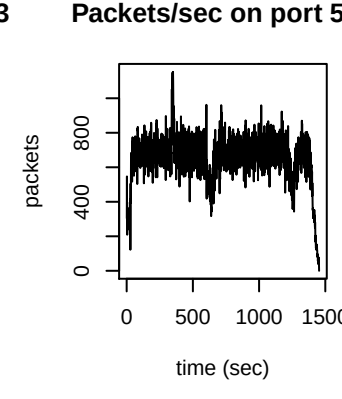

Packets/sec on port 80
packets
0
10000
25000
0
500
1000
1500
time (sec)

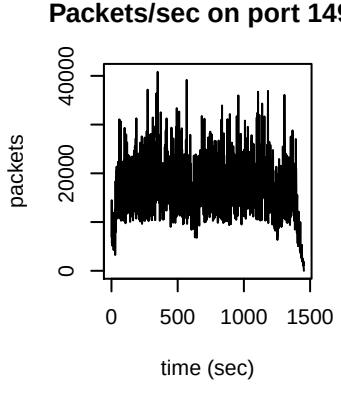

Packets/sec on port 111
packets
0
1000
3000
0
500
1000
1500
time (sec)

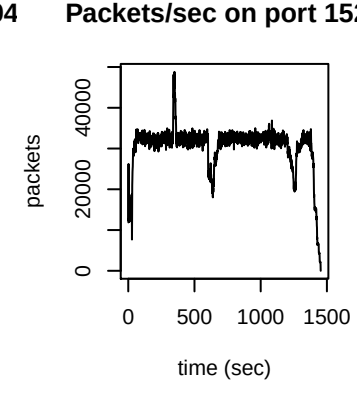

Packets/sec on port 135
packets
0
10000
20000
0
500
1000
1500
time (sec)

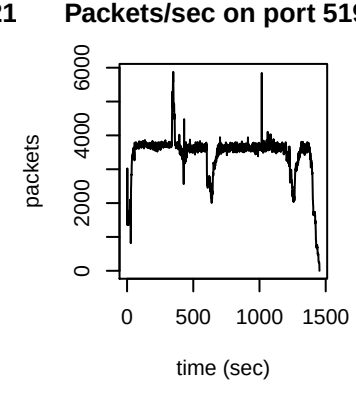

Packets/sec on port 139
packets
0
20000
50000
0
500
1000
1500
time (sec)

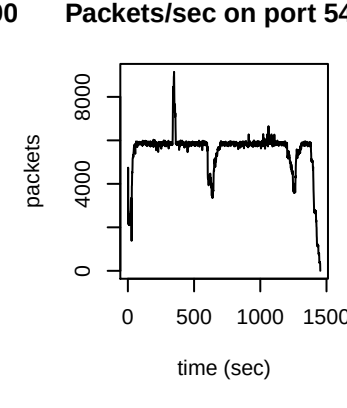

Packets/sec on port 443
packets
0
10000
20000
0
500
1000
1500
time (sec)

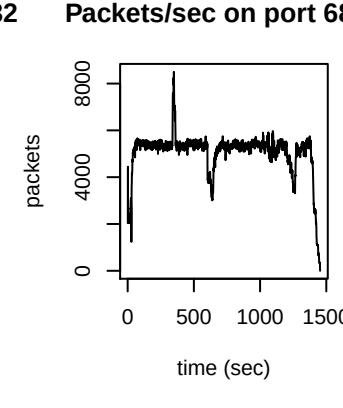

Packets/sec on port 554
packets
0
400
800
0
500
1000
1500
time (sec)

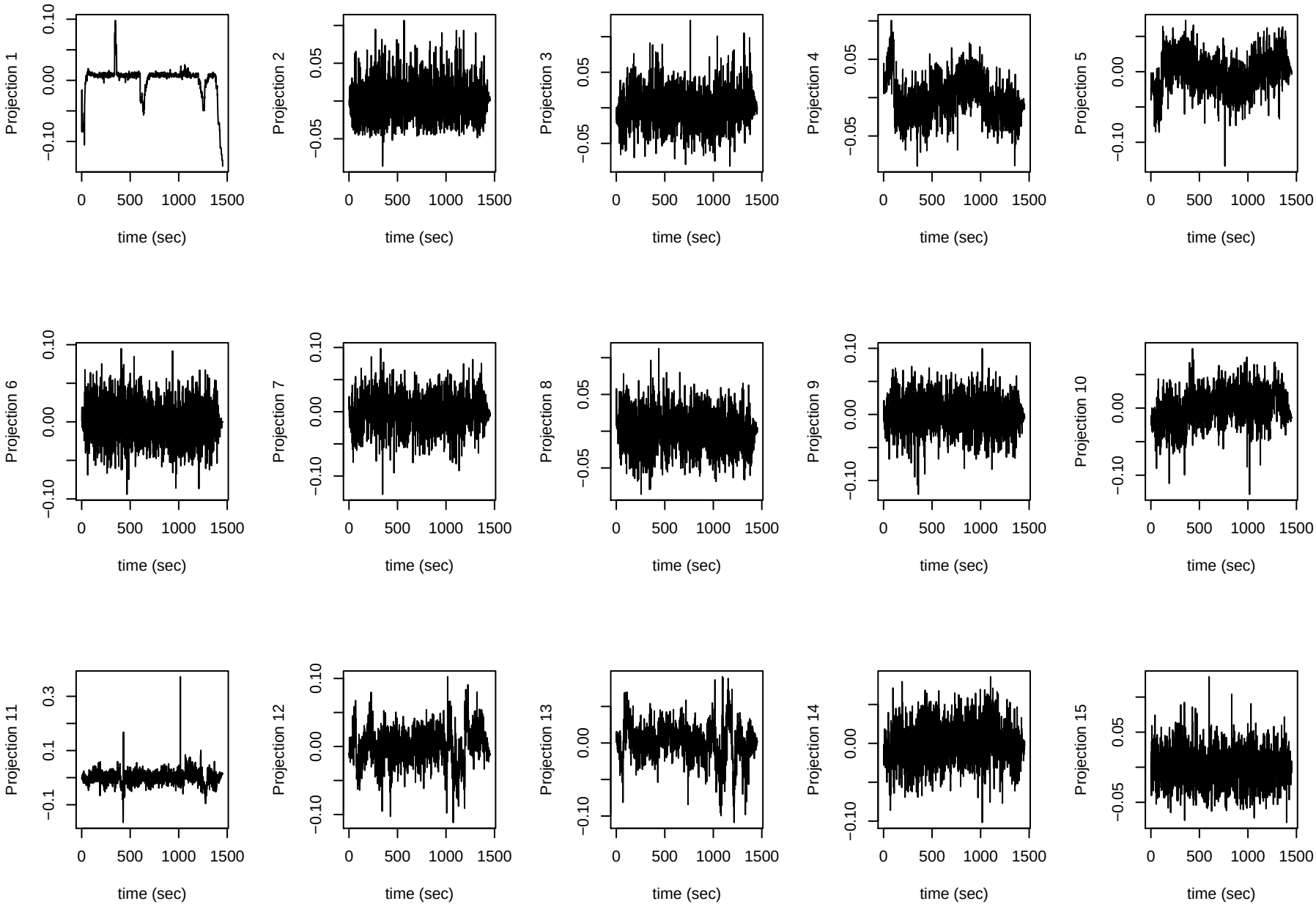

Packets/sec on port 1494
packets
0
20000
40000
0
500
1000
1500
time (sec)

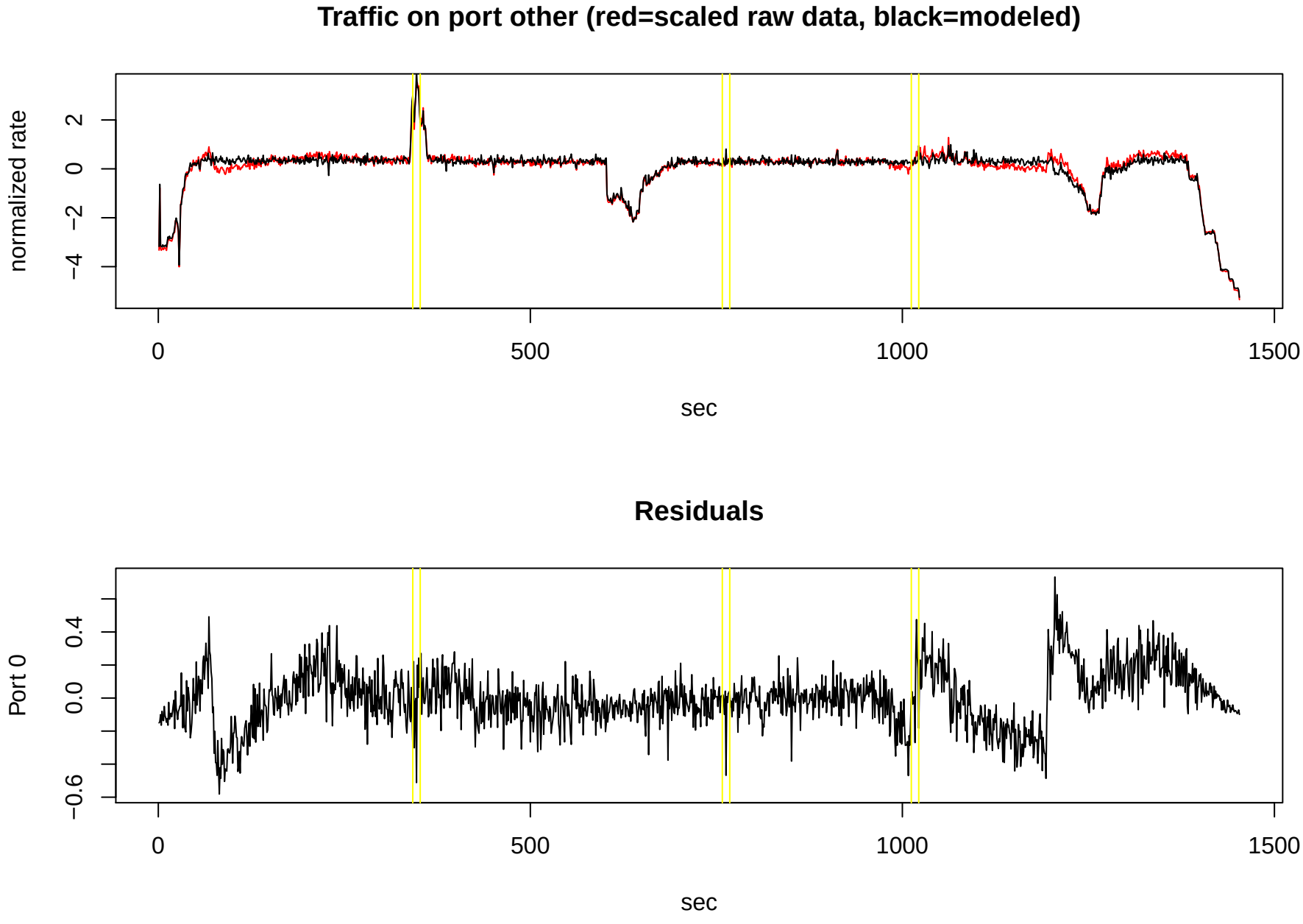

Packets/sec on port 1521
packets
0
20000
40000
0
500
1000
1500
time (sec)

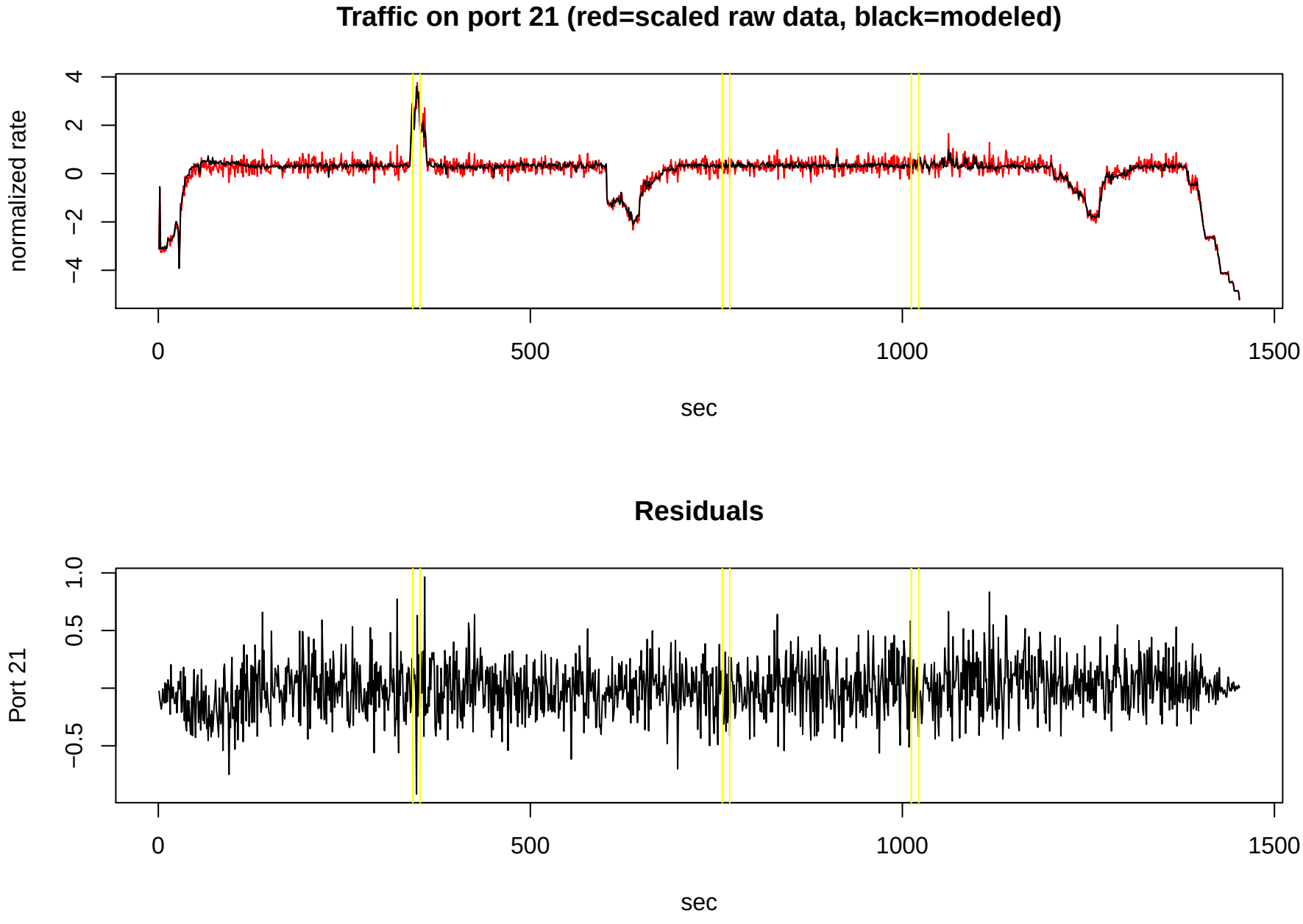

Packets/sec on port 5190
packets
0
2000
4000
6000
0
500
1000
1500
time (sec)

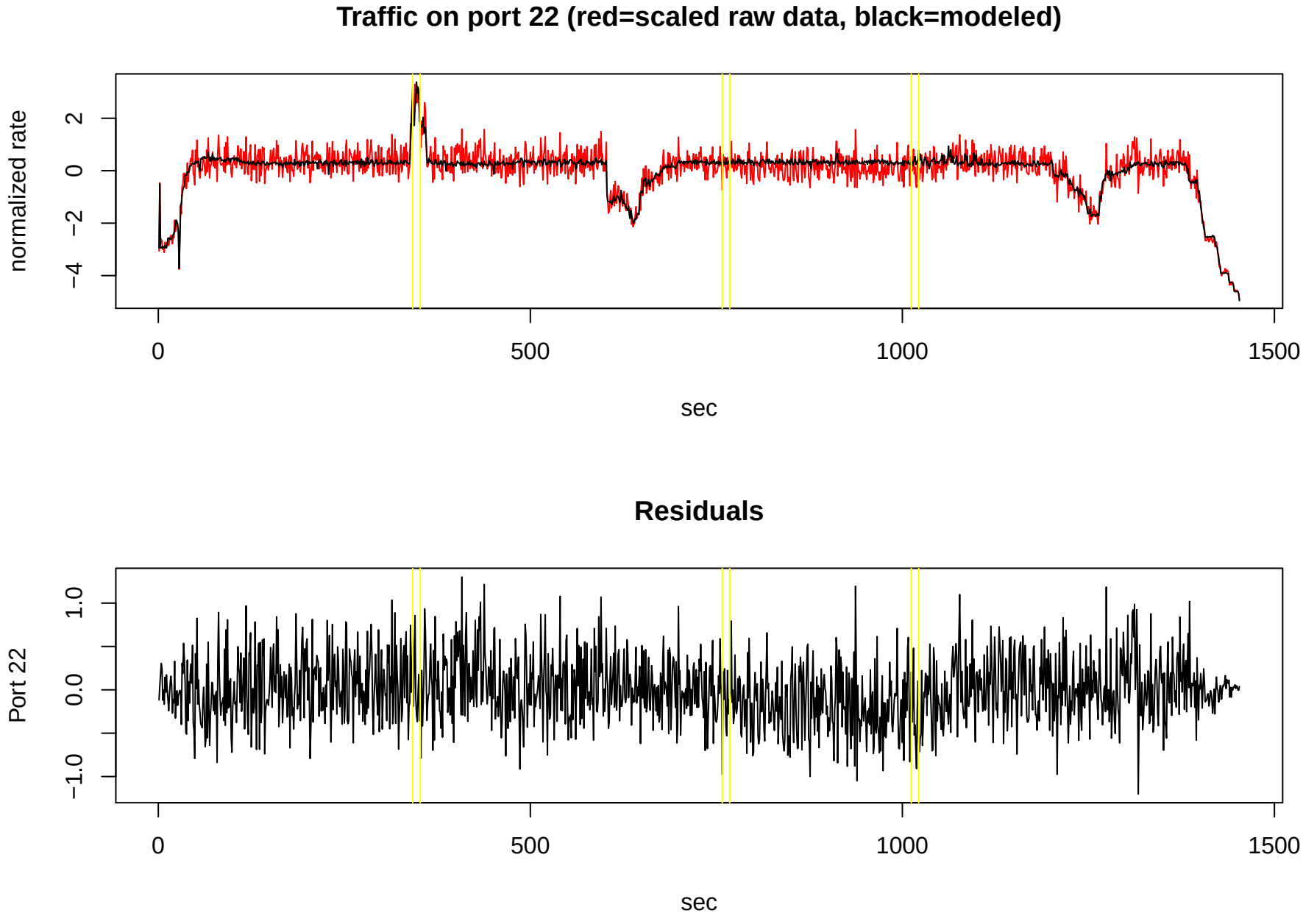

Packets/sec on port 5432
packets
0
4000
8000
0
500
1000
1500
time (sec)

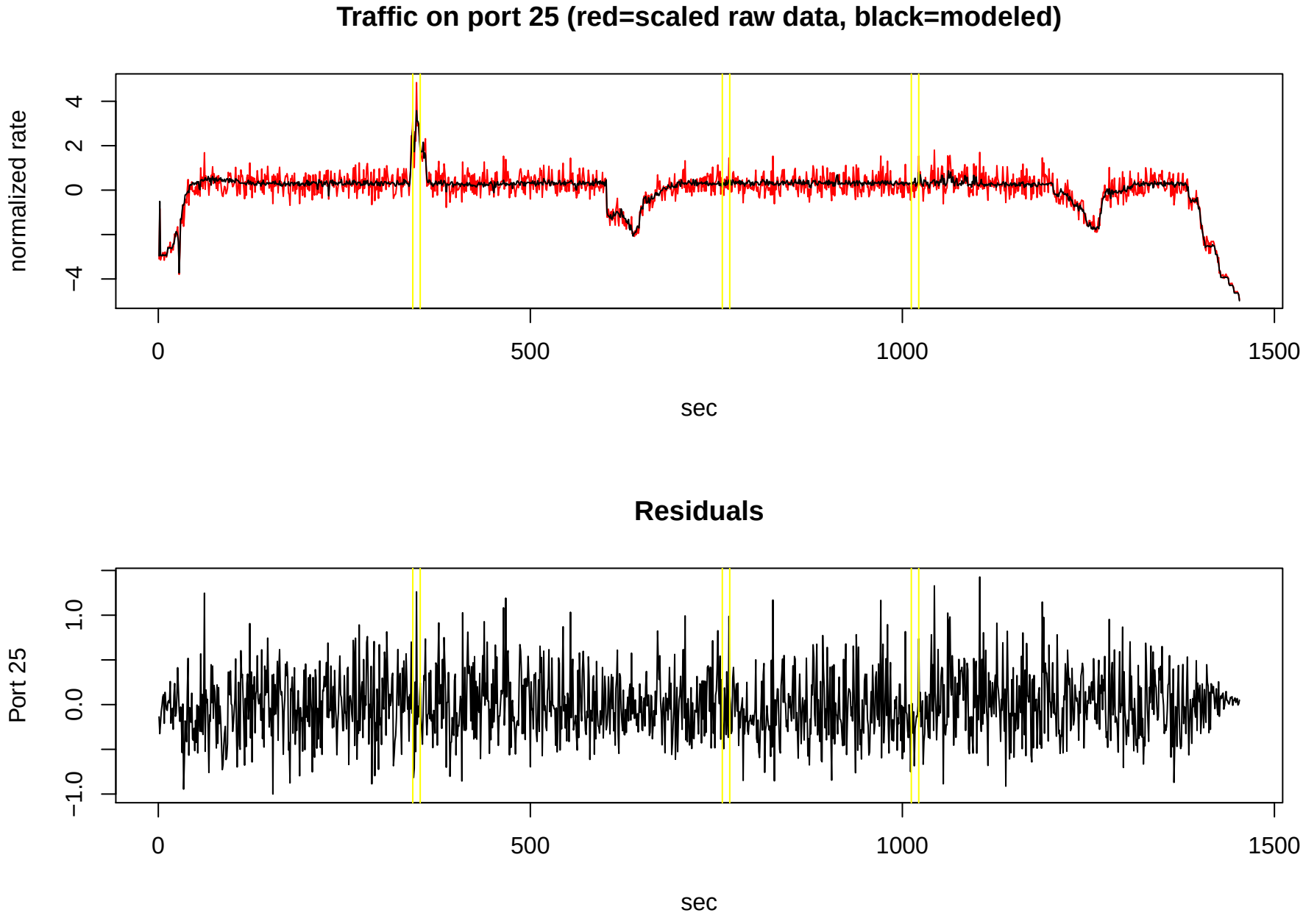

Packets/sec on port 6881
packets
0
4000
8000
0
500
1000
1500
time (sec)

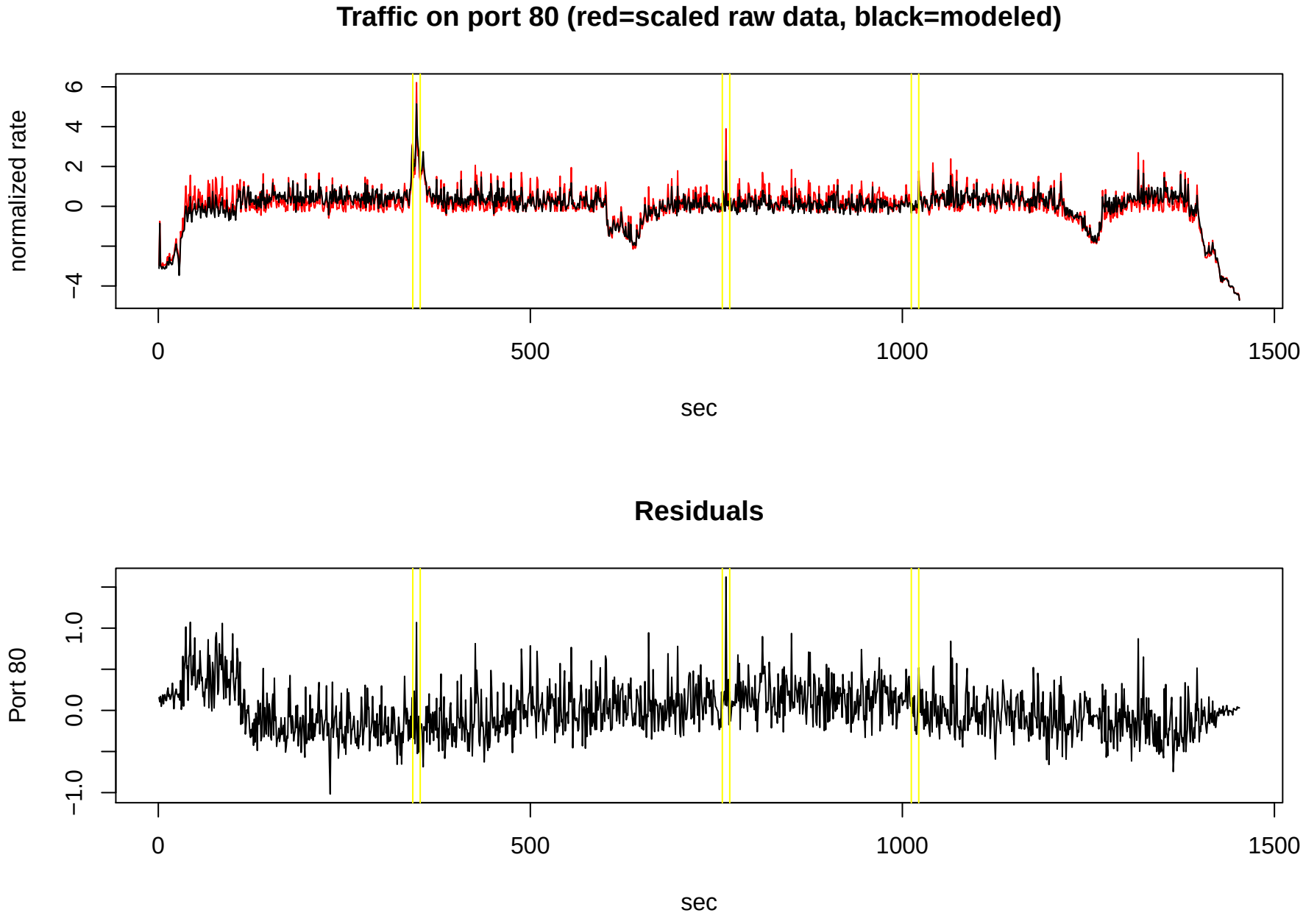

Projection 1
Projection 2
Projection 3
Projection 4
Projection 5
Projection 6
Projection 7
Projection 8
Projection 9
Projection 10
Projection 11
Projection 12
Projection 13
Projection 14
Projection 15
time (sec)
0
500
1000
1500

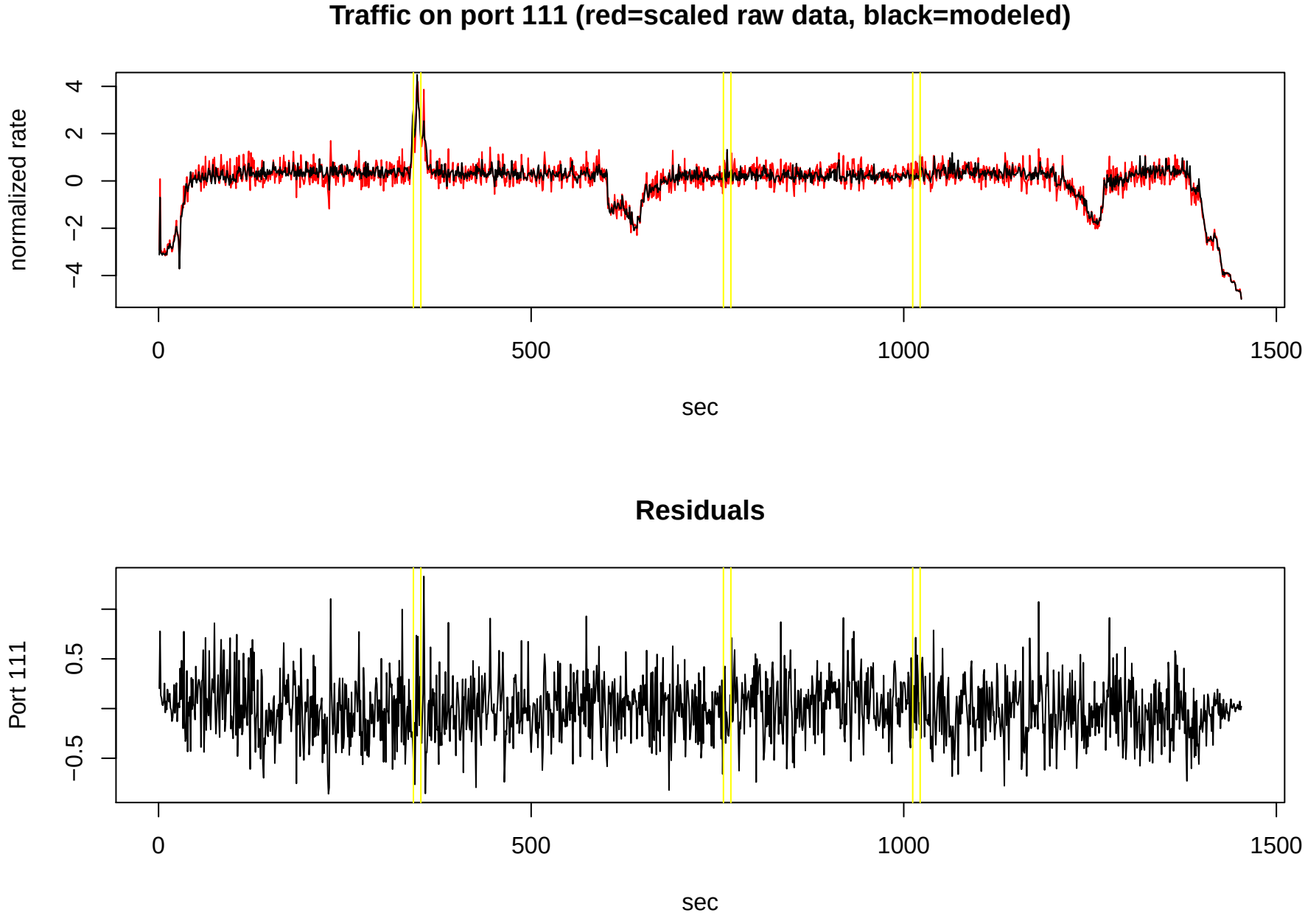

Traffic on port other (red=scaled raw data, black=modeled)
normalized rate
−4
−2
0
2
0
500
1000
1500
sec
Residuals
Port 0
−0.6
0.0
0.4
0
500
1000
1500
sec

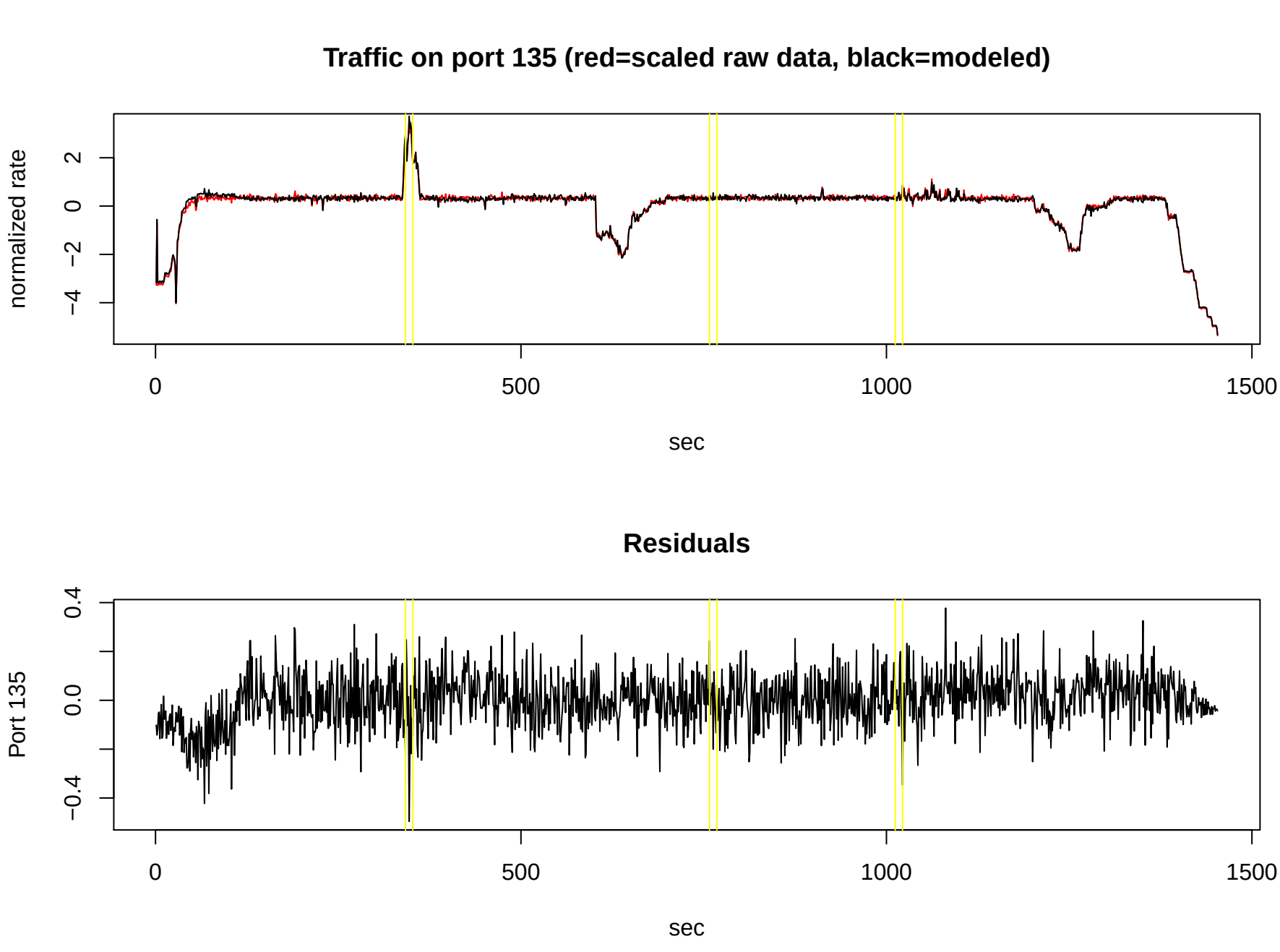

Traffic on port 21 (red=scaled raw data, black=modeled)
normalized rate
4
2
0
−2
−4
0
500
1000
1500
sec
Residuals
Port 21
1.0
0.5
−0.5
0
500
1000
1500
sec

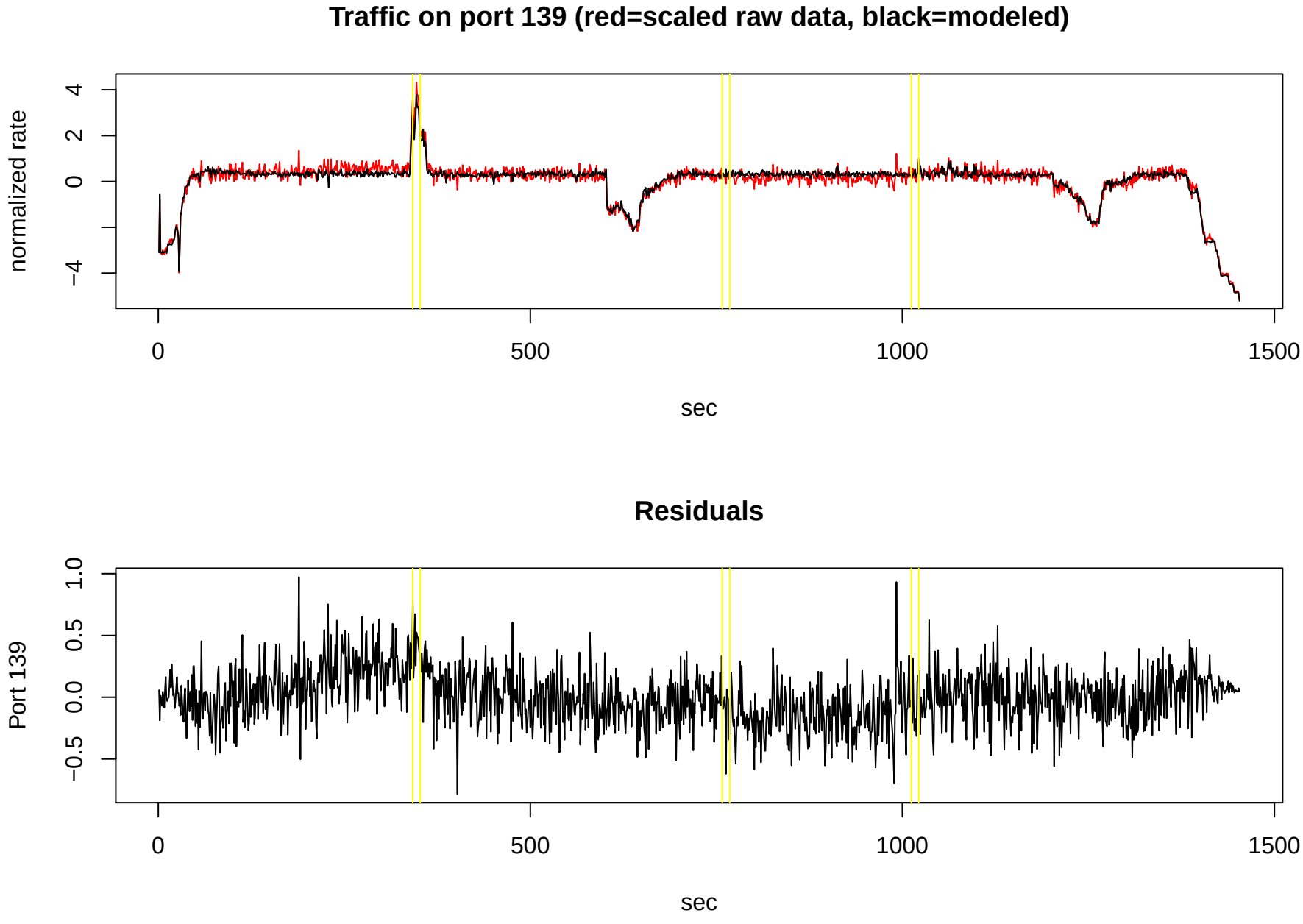

Traffic on port 22 (red=scaled raw data, black=modeled)
normalized rate
−4
−2
0
2
0
500
1000
1500
sec
Residuals
Port 22
−1.0
0.0
1.0
0
500
1000
1500
sec

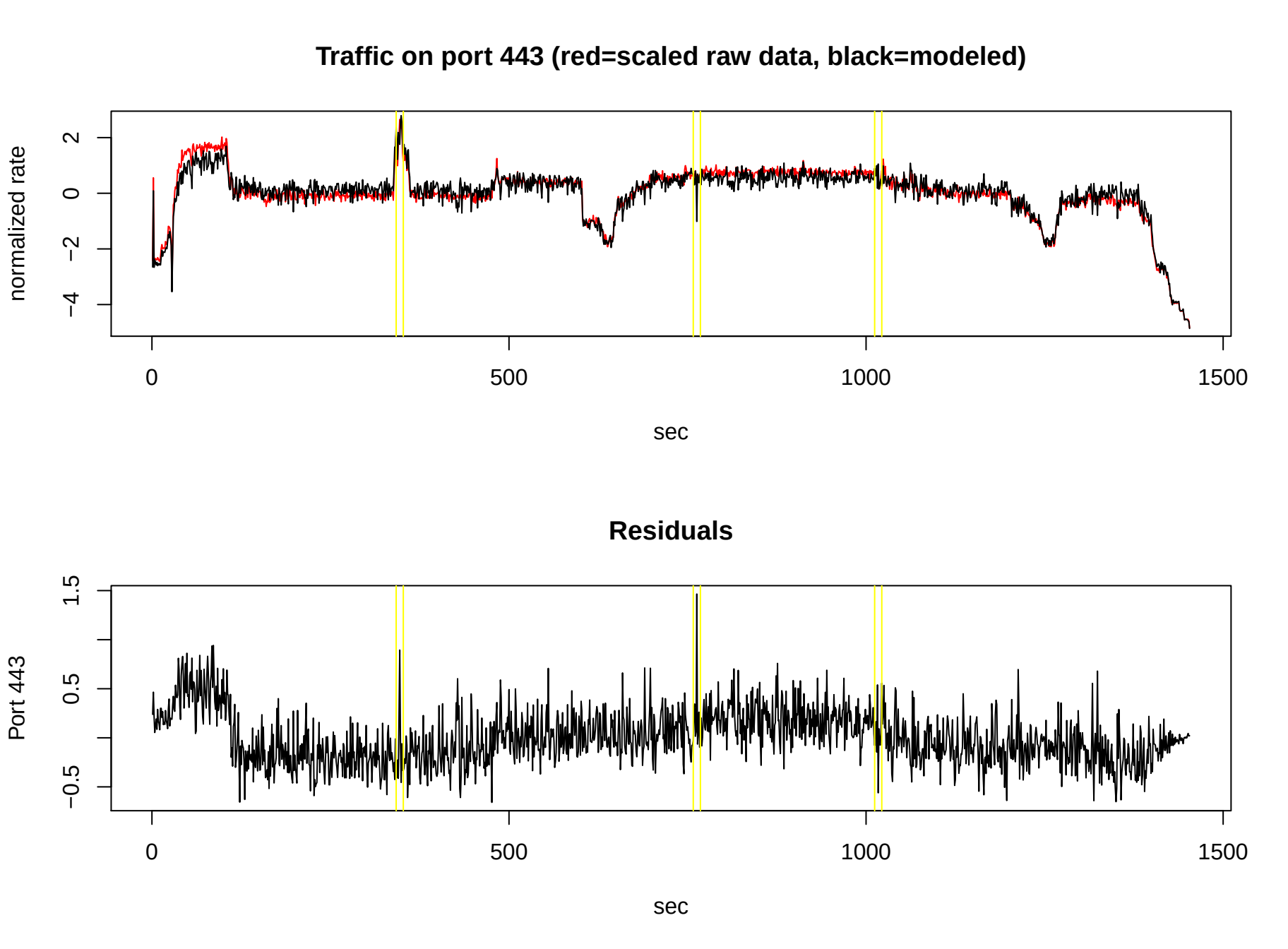

Traffic on port 25 (red=scaled raw data, black=modeled)
normalized rate
4
2
0
−4
0
500
1000
1500
sec
Residuals
Port 25
1.0
0.0
−1.0
0
500
1000
1500
sec

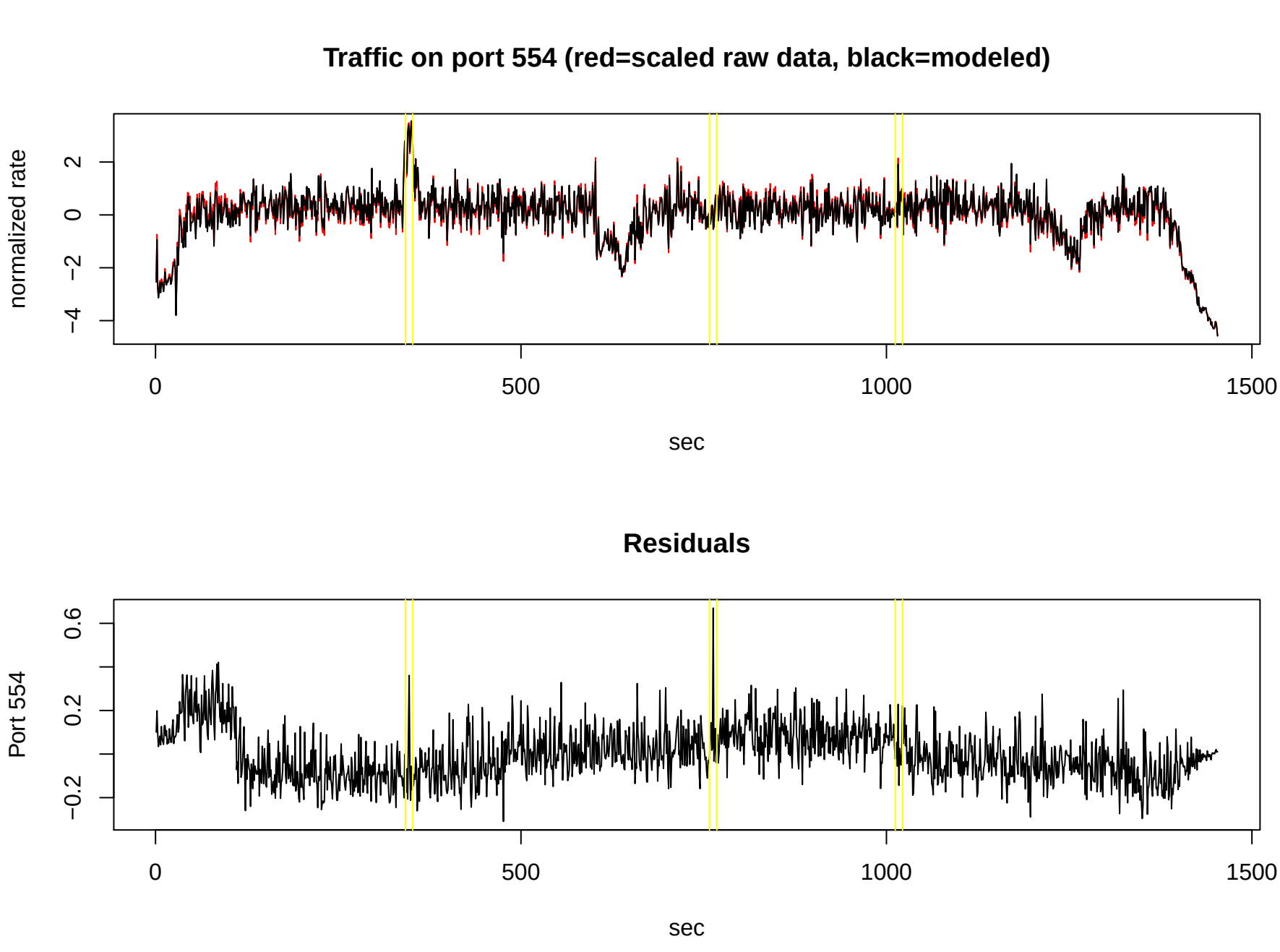

Traffic on port 80 (red=scaled raw data, black=modeled)
normalized rate
6
4
2
0
−4
0
500
1000
1500
sec
Residuals
Port 80
1.0
0.0
−1.0
0
500
1000
1500
sec

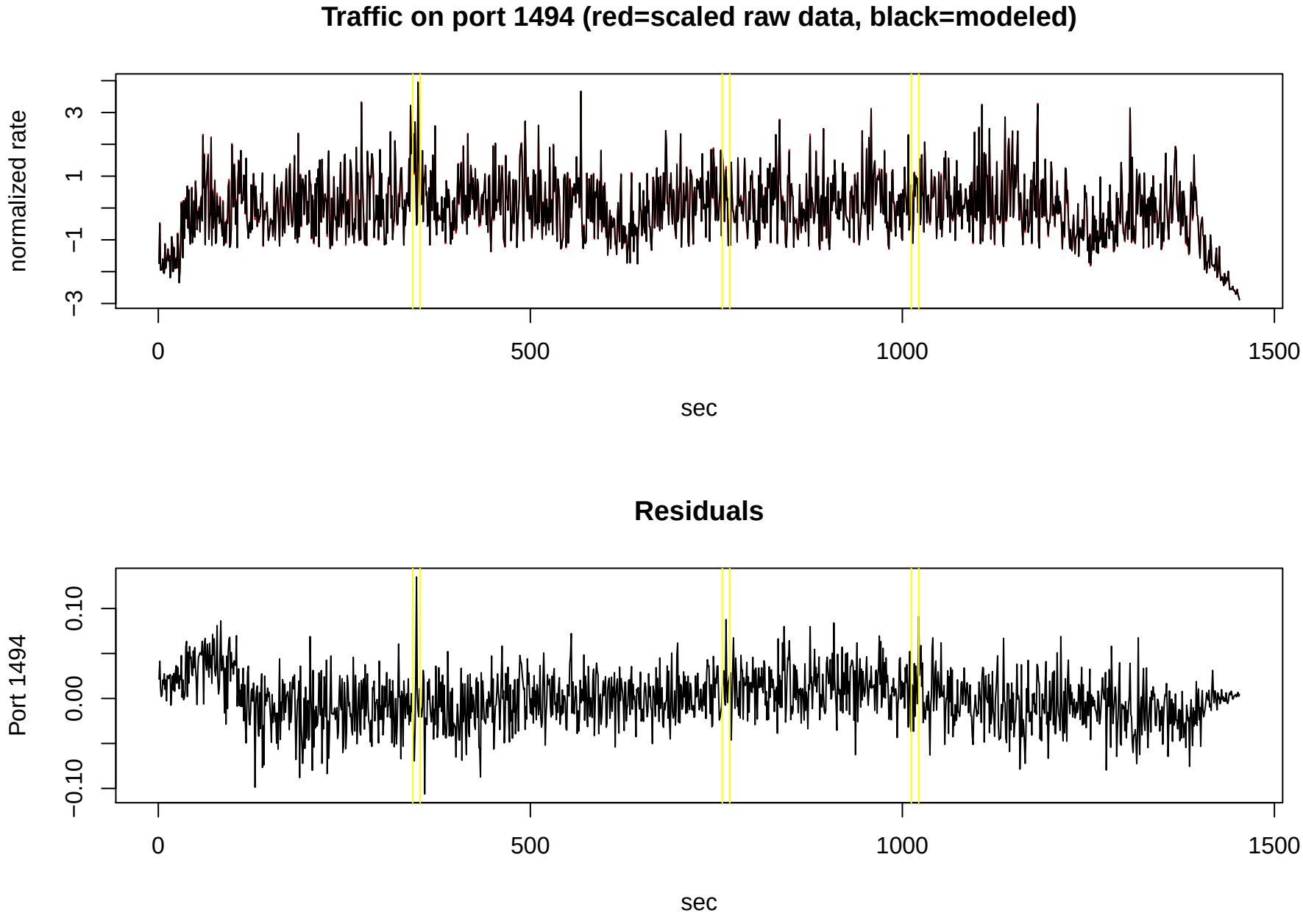

Traffic on port 111 (red=scaled raw data, black=modeled)
normalized rate
4
2
0
−2
−4
0
500
1000
1500
sec
Residuals
Port 111
0.5
−0.5
0
500
1000
1500
sec

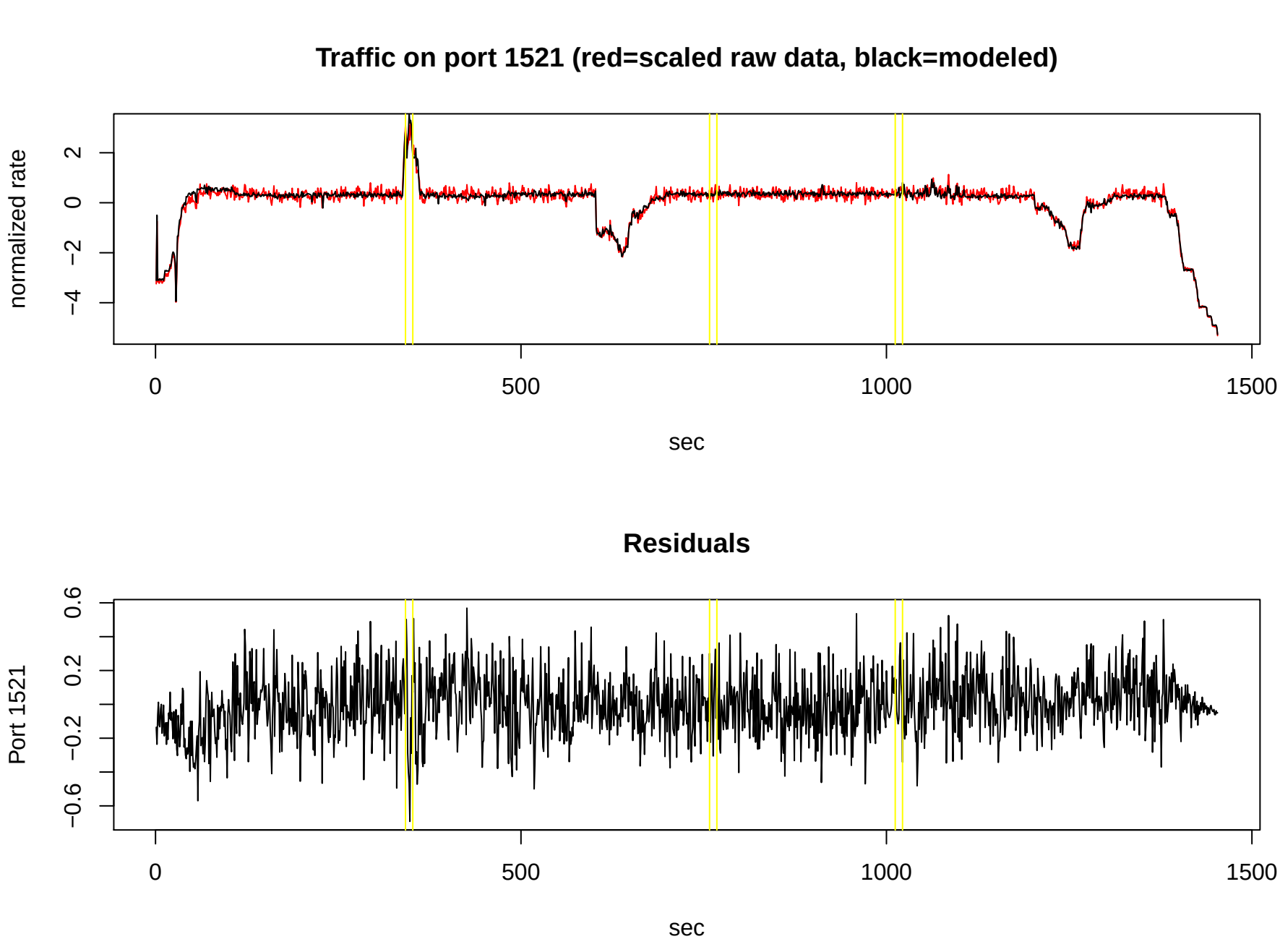

Traffic on port 135 (red=scaled raw data, black=modeled)
normalized rate
−4
−2
0
2
0
500
1000
1500
sec
Residuals
Port 135
−0.4
0.0
0.4
0
500
1000
1500
sec

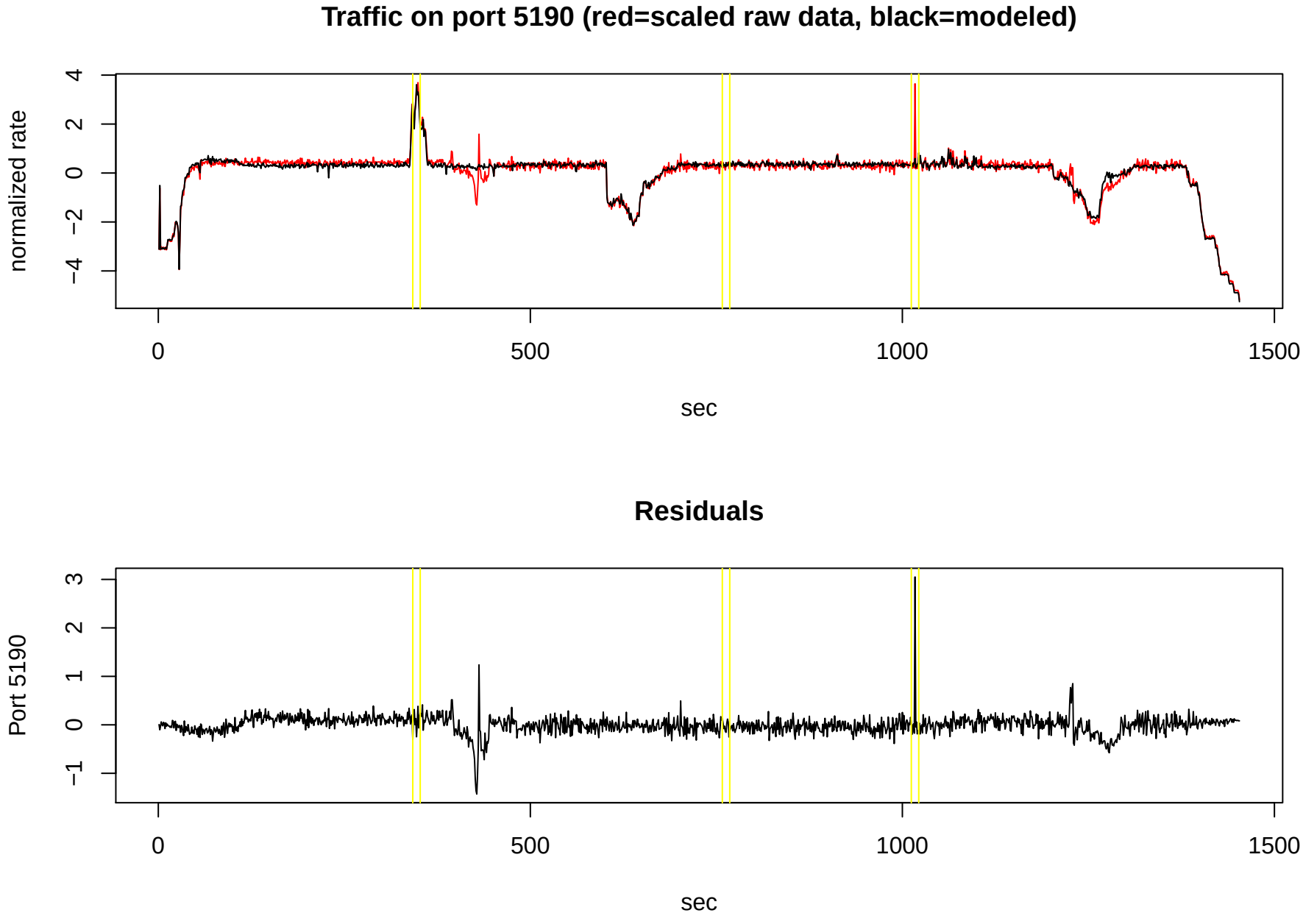

Traffic on port 139 (red=scaled raw data, black=modeled)
normalized rate
4
2
0
−4
0
500
1000
1500
sec
Residuals
Port 139
1.0
0.5
0.0
−0.5
0
500
1000
1500
sec

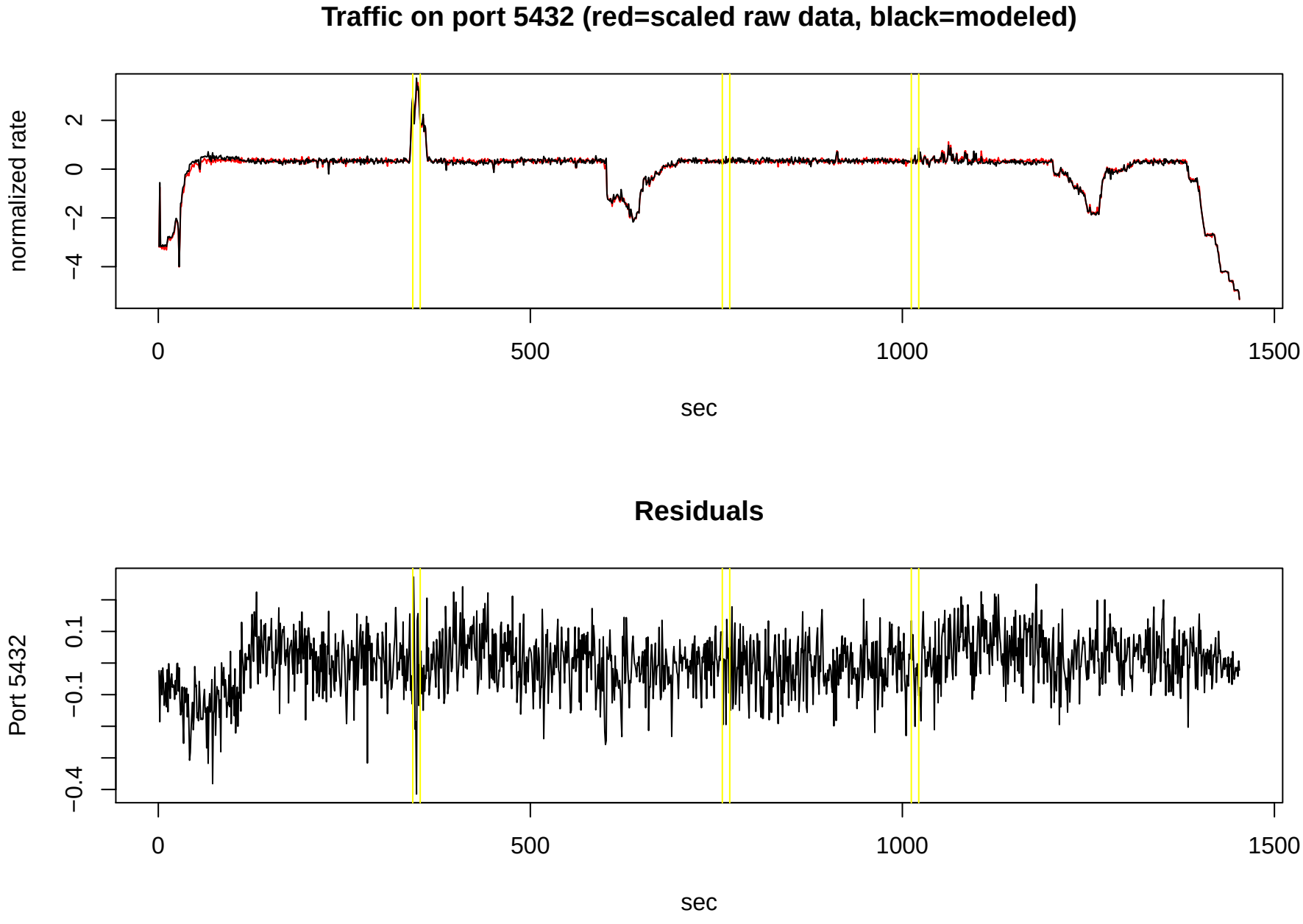

Traffic on port 443 (red=scaled raw data, black=modeled)
normalized rate
2
0
−2
−4
0
500
1000
1500
sec
Residuals
Port 443
1.5
0.5
−0.5
0
500
1000
1500
sec

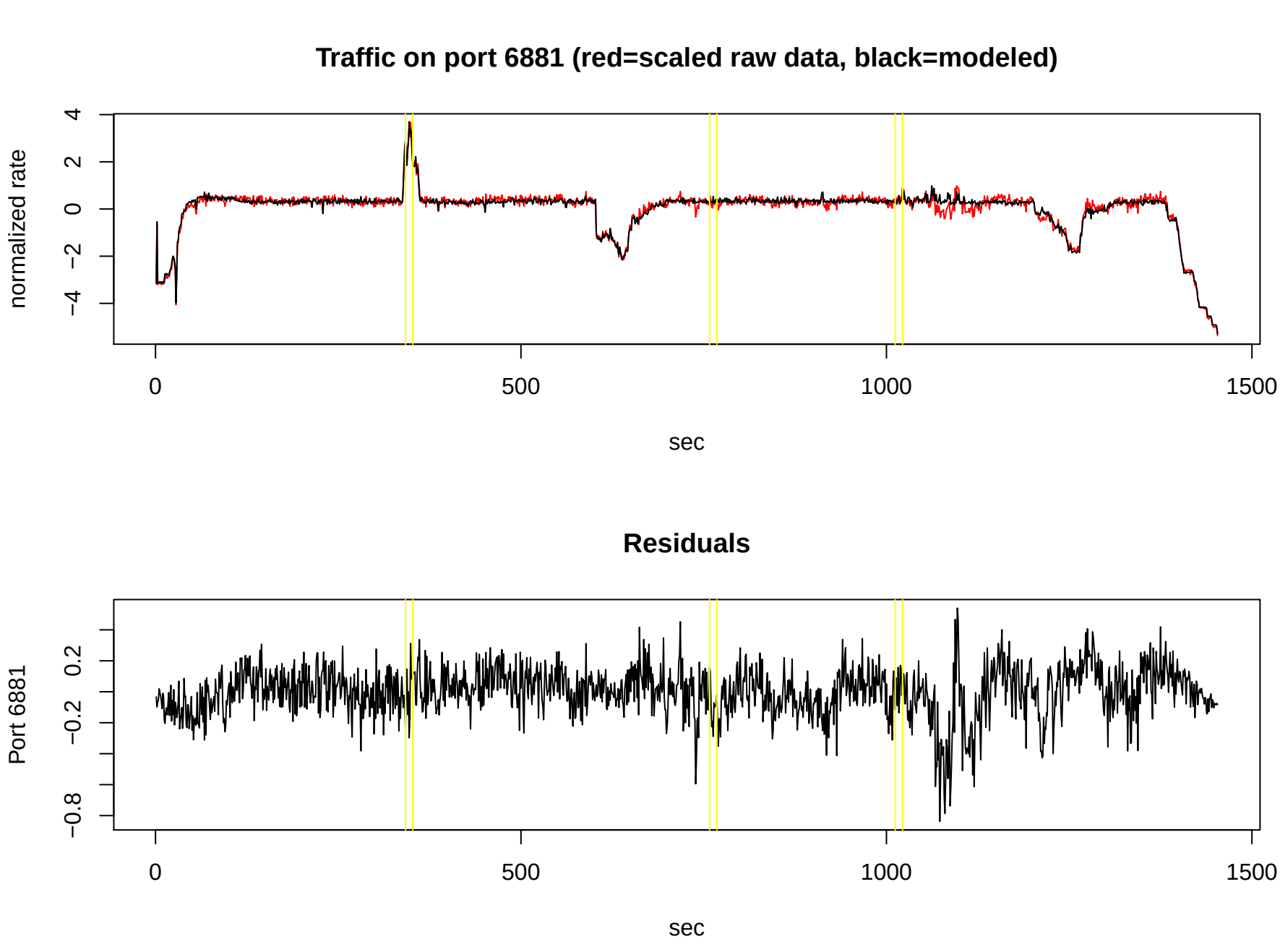

Traffic on port 554 (red=scaled raw data, black=modeled)
normalized rate
−4
−2
0
2
0
500
1000
1500
sec
Residuals
Port 554
−0.2
0.2
0.6
0
500
1000
1500
sec


Traffic on port 1494 (red=scaled raw data, black=modeled)
normalized rate
3
1
−1
−3
0
500
1000
1500
sec
Residuals
Port 1494
0.10
0.00
−0.10
0
500
1000
1500
sec


Traffic on port 1521 (red=scaled raw data, black=modeled)
normalized rate
−4
−2
0
2
0
500
1000
1500
sec
Residuals
Port 1521
−0.6
−0.2
0.2
0.6
0
500
1000
1500
sec


Traffic on port 5190 (red=scaled raw data, black=modeled)
normalized rate
4
2
0
−2
−4
0
500
1000
1500
sec
Residuals
Port 5190
3
2
1
0
−1
0
500
1000
1500
sec


Traffic on port 5432 (red=scaled raw data, black=modeled)
normalized rate
−4
−2
0
2
0
500
1000
1500
sec
Residuals
Port 5432
−0.4
−0.1
0.1
0
500
1000
1500
sec


Traffic on port 6881 (red=scaled raw data, black=modeled)
normalized rate
4
2
0
−2
−4
0
500
1000
1500
sec
Residuals
Port 6881
0.2
−0.2
−0.8
0
500
1000
1500
sec