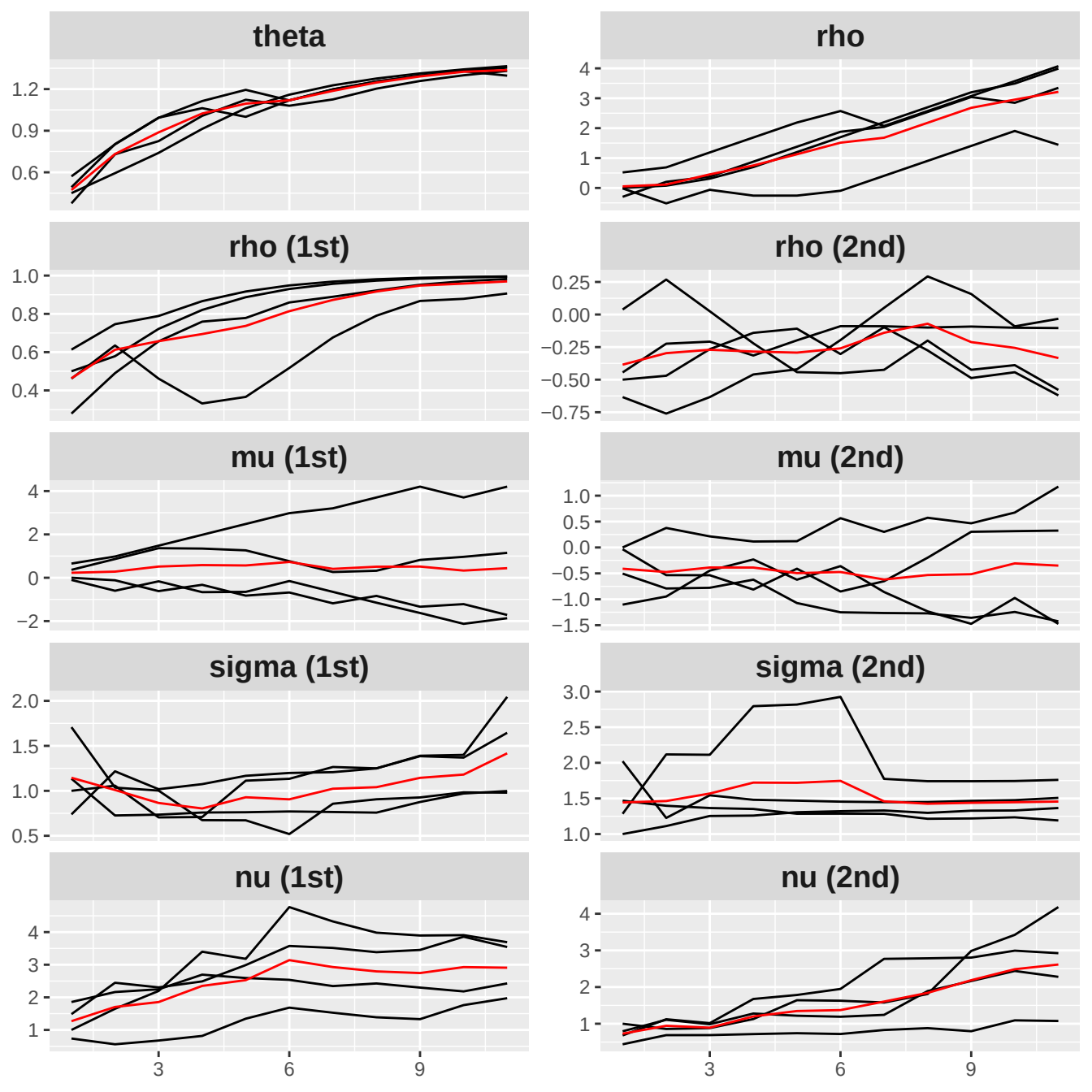
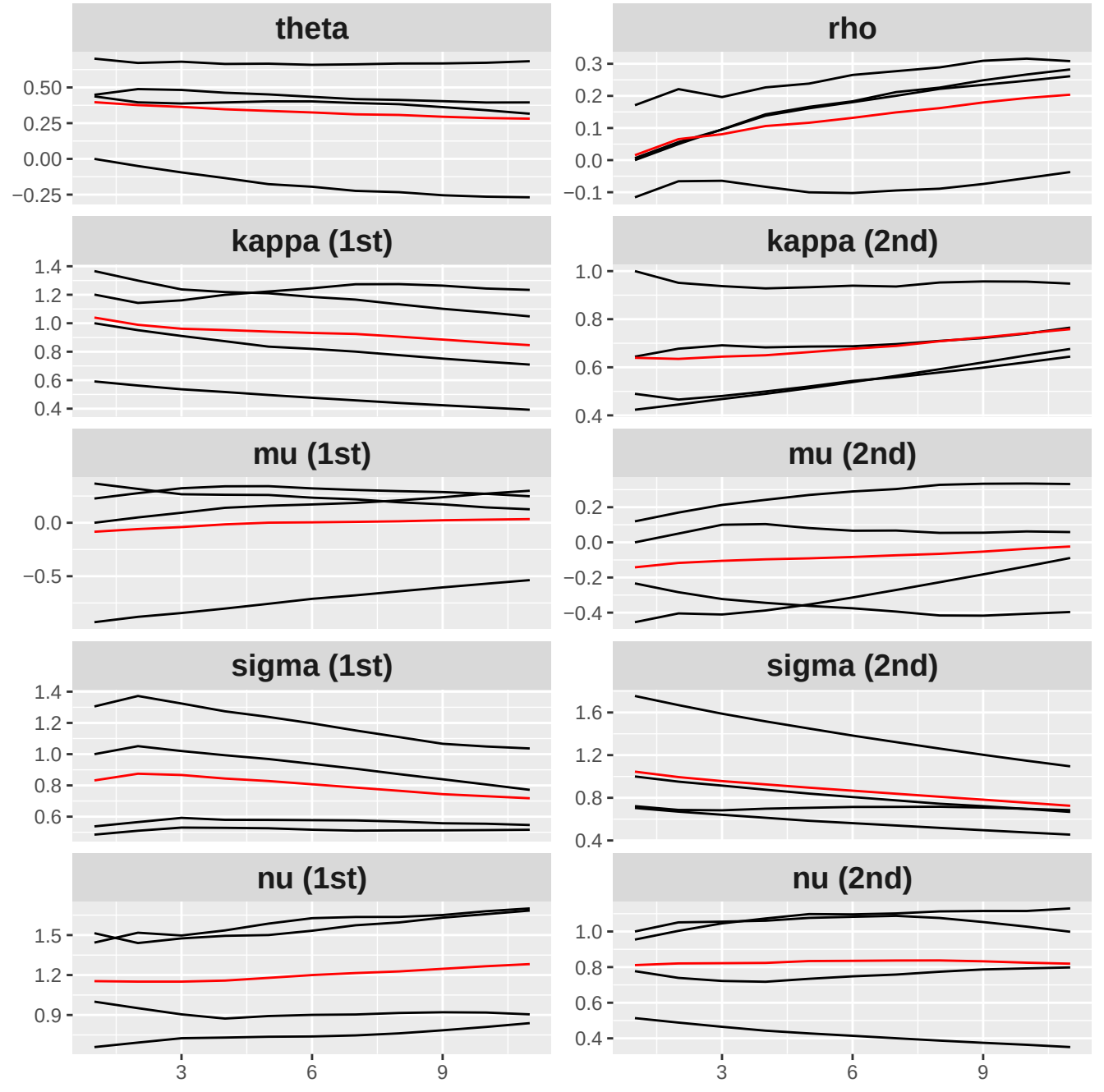
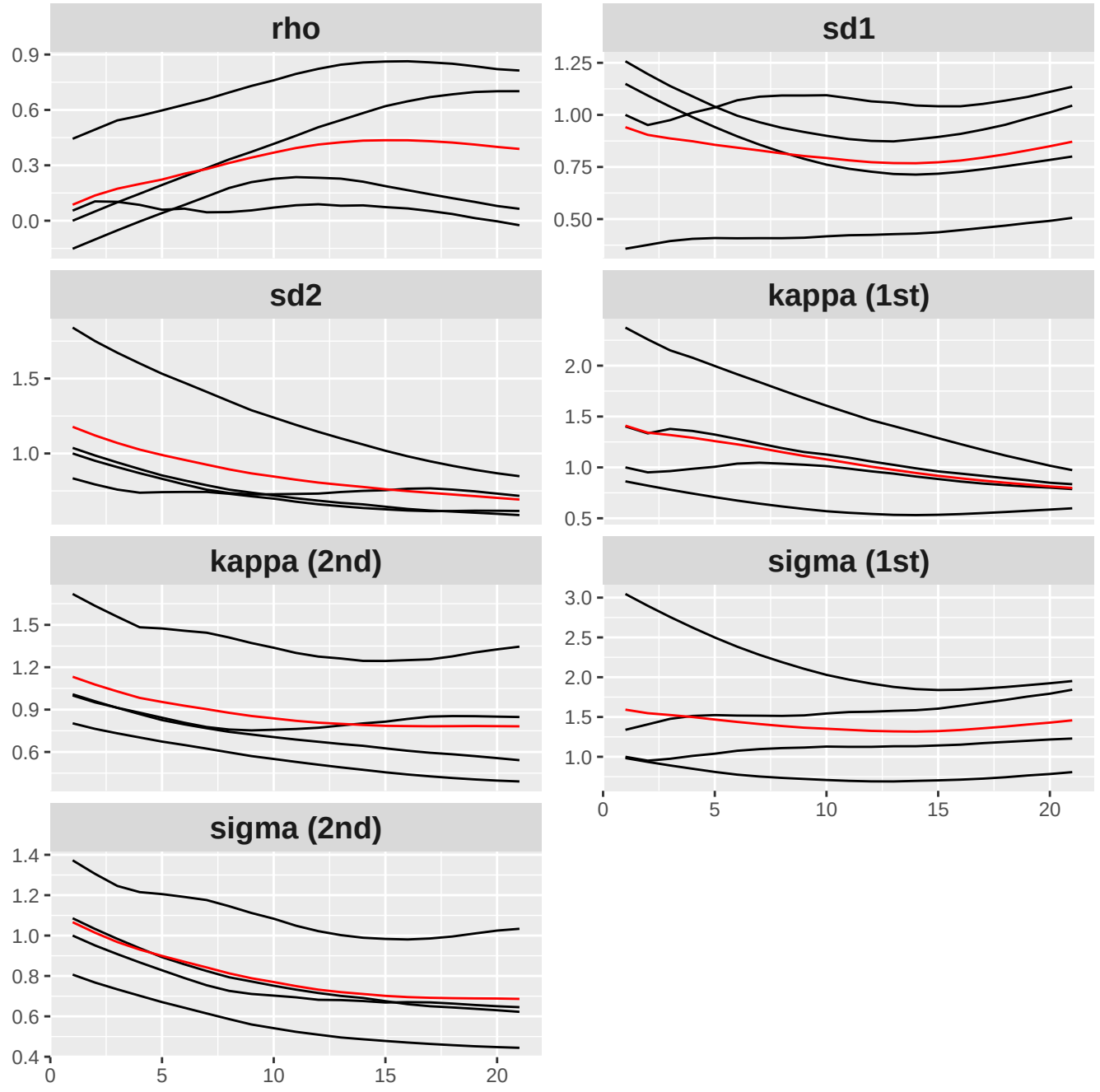
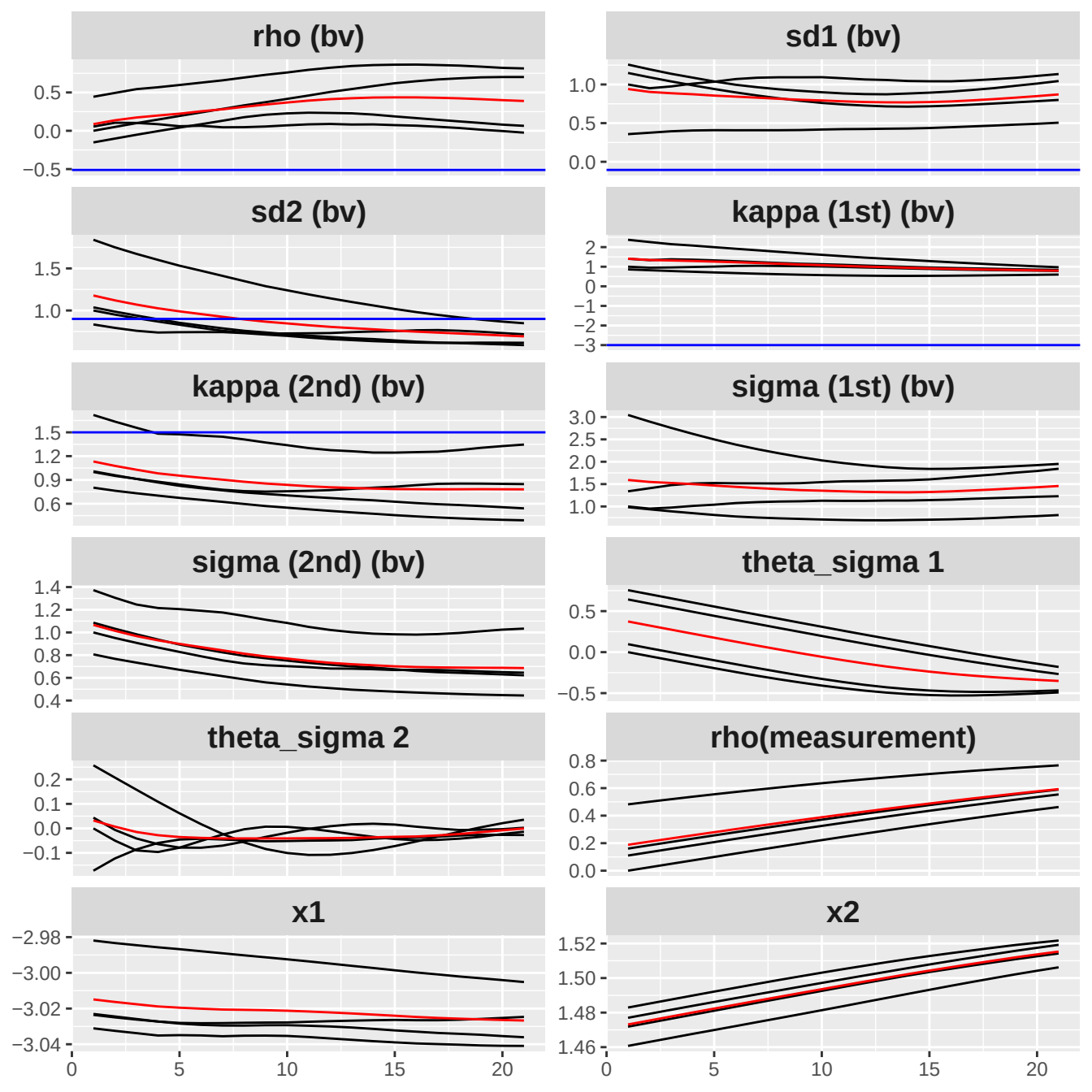
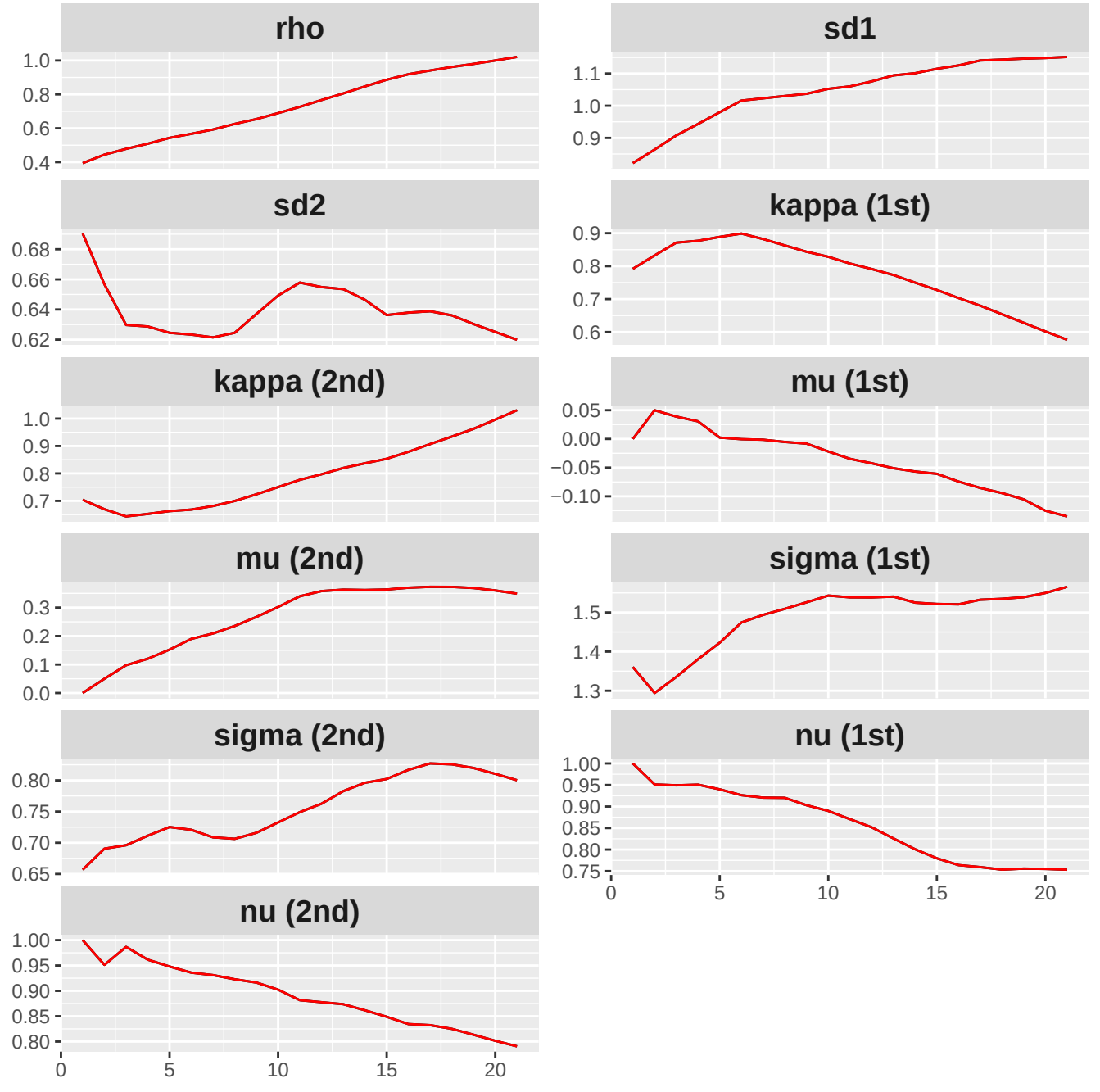
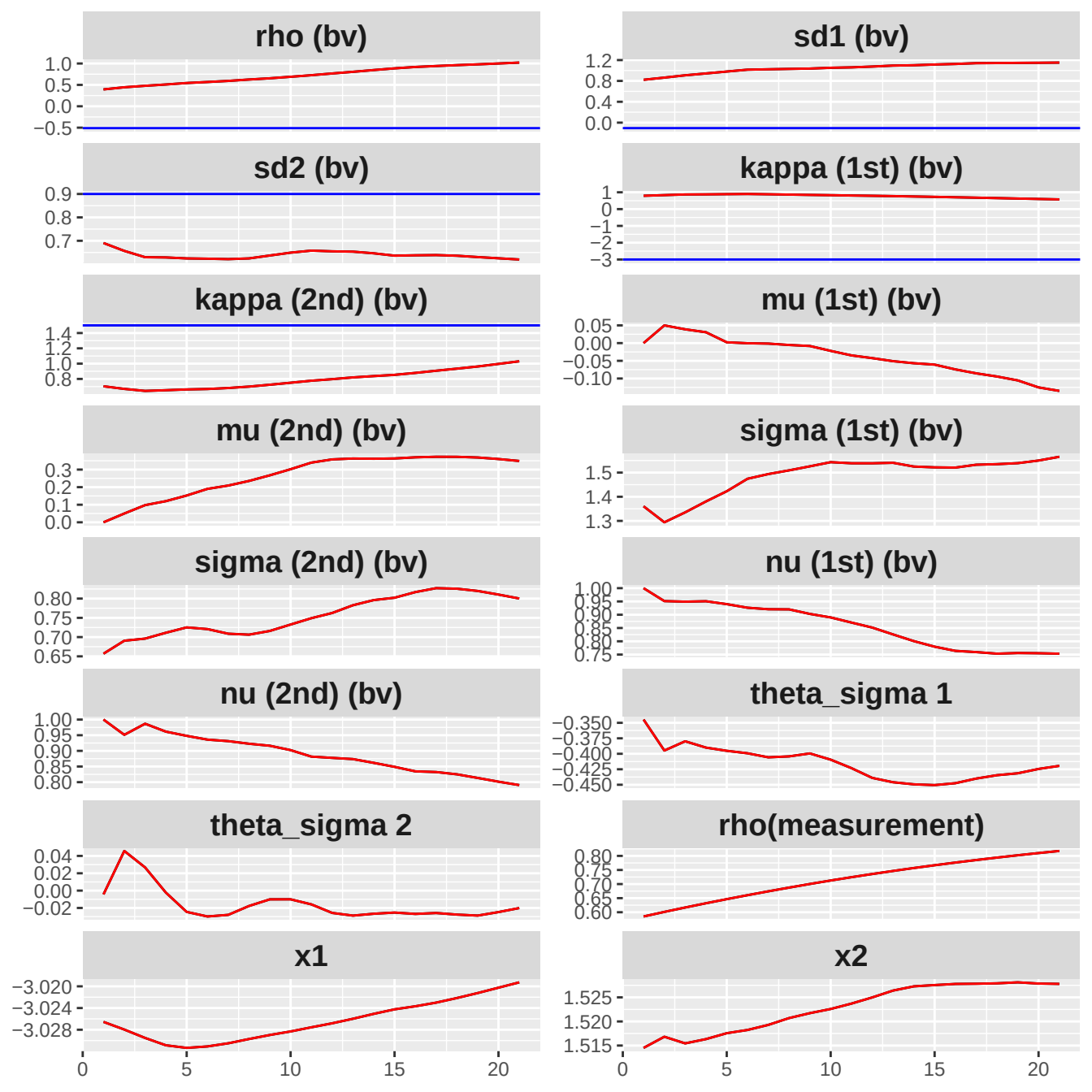

theta
rho
rho (1st)
rho (2nd)
mu (1st)
mu (2nd)
sigma (1st)
sigma (2nd)
nu (1st)
nu (2nd)
3
6
9

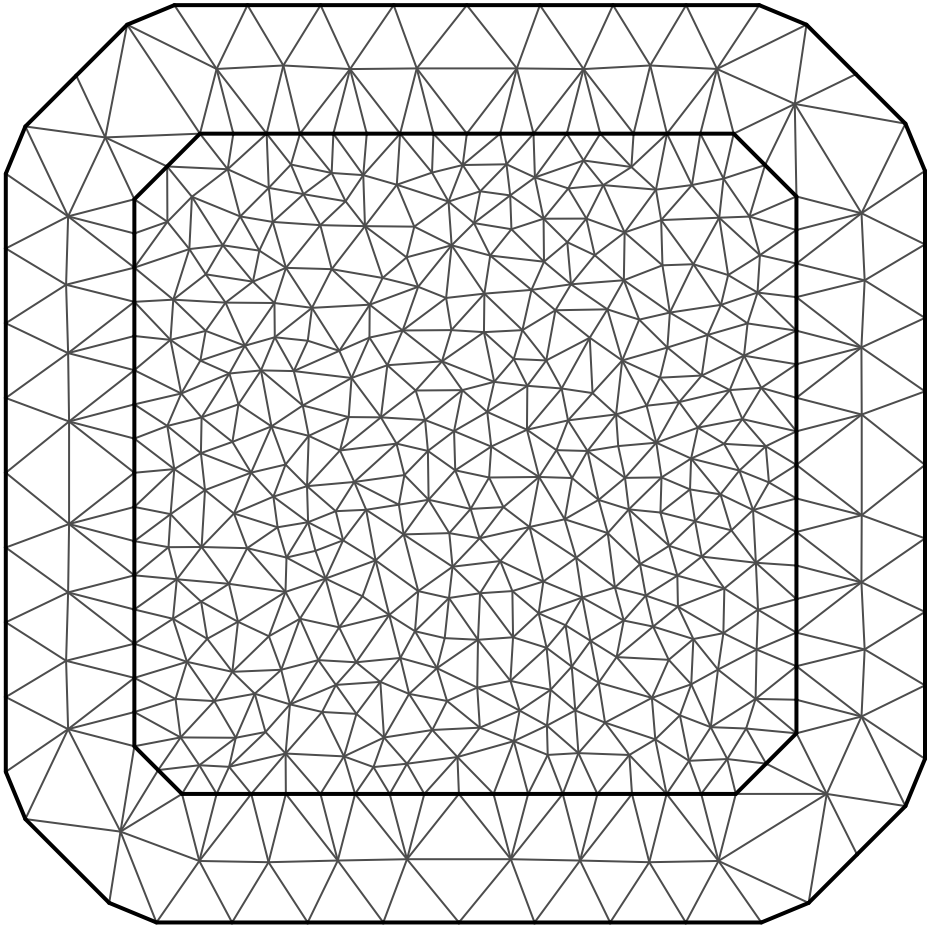

theta
0.50
0.25
0.00
−0.25
rho
0.3
0.2
0.1
0.0
−0.1
kappa (1st)
1.4
1.2
1.0
0.8
0.6
0.4
kappa (2nd)
1.0
0.8
0.6
0.4
mu (1st)
0.0
−0.5
mu (2nd)
0.2
0.0
−0.2
−0.4
sigma (1st)
1.4
1.2
1.0
0.8
0.6
sigma (2nd)
1.6
1.2
0.8
0.4
nu (1st)
1.5
1.2
0.9
nu (2nd)
1.0
0.8
0.6
0.4
3
6
9
3
6
9

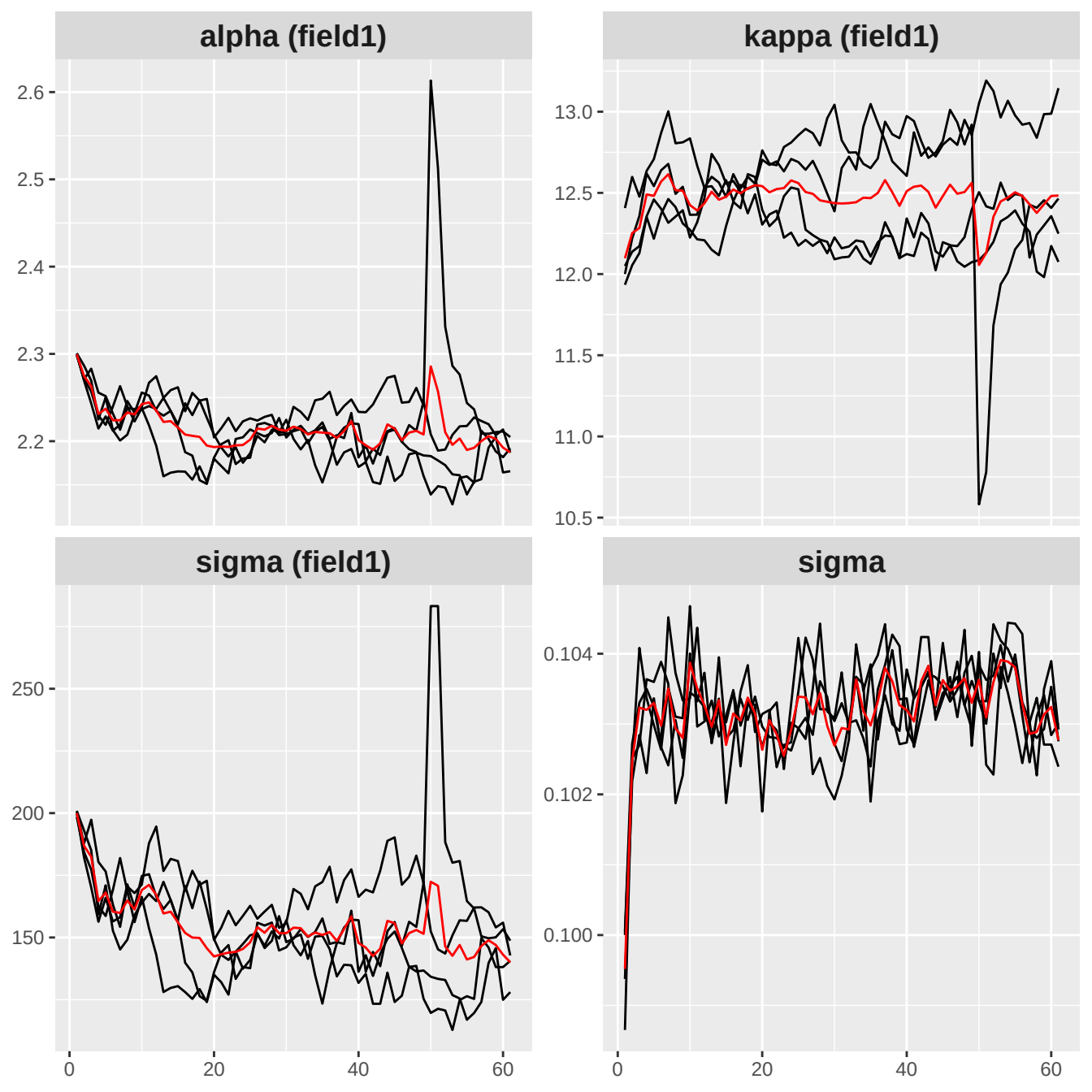

rho
0.9
0.6
0.3
0.0
sd1
1.25
1.00
0.75
0.50
sd2
1.5
1.0
kappa (1st)
2.0
1.5
1.0
0.5
kappa (2nd)
1.5
1.2
0.9
0.6
sigma (1st)
3.0
2.5
2.0
1.5
1.0
0
5
10
15
20
sigma (2nd)
1.4
1.2
1.0
0.8
0.6
0.4
0
5
10
15
20

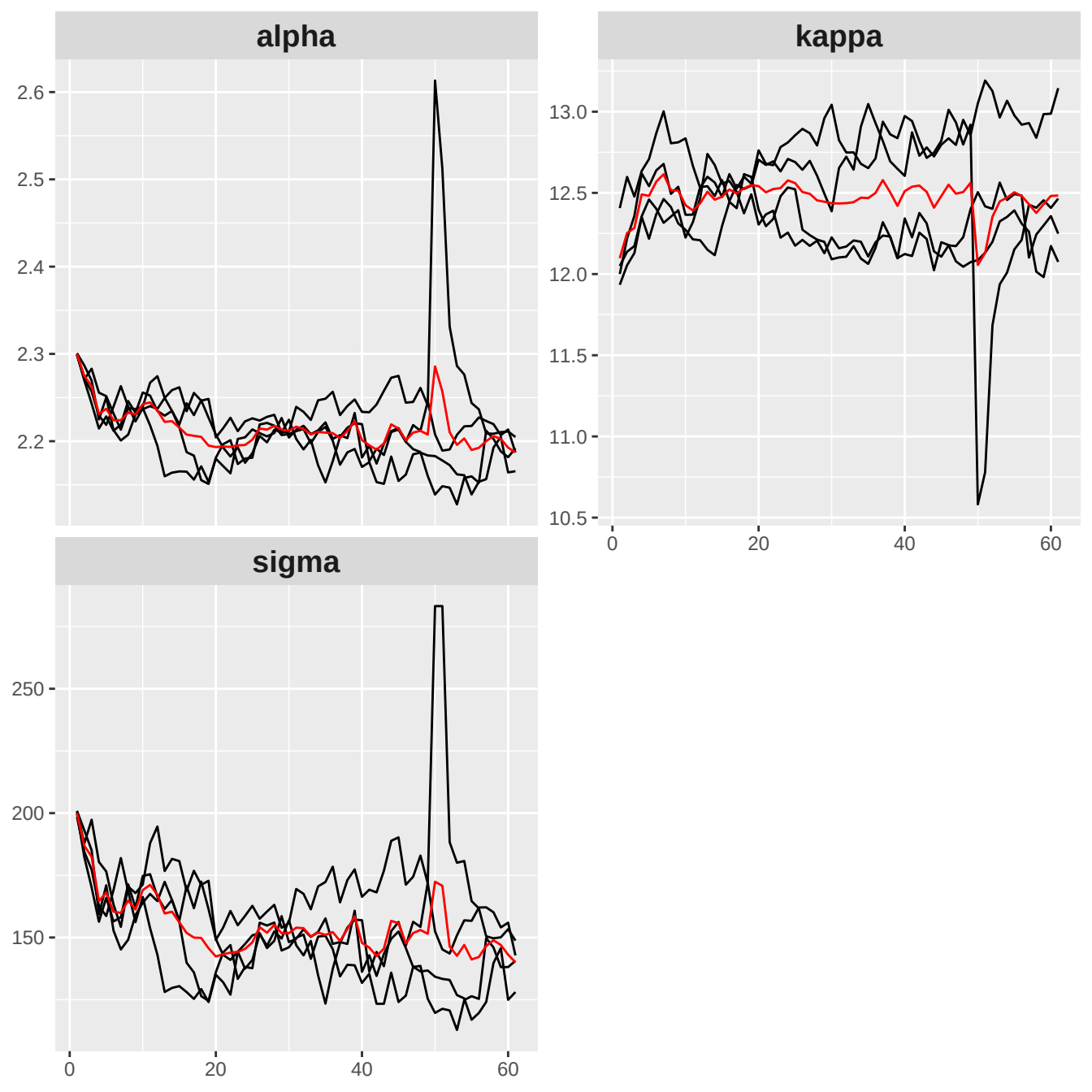

rho (bv)
sd1 (bv)
sd2 (bv)
kappa (1st) (bv)
kappa (2nd) (bv)
sigma (1st) (bv)
sigma (2nd) (bv)
theta_sigma 1
theta_sigma 2
rho(measurement)
x1
x2

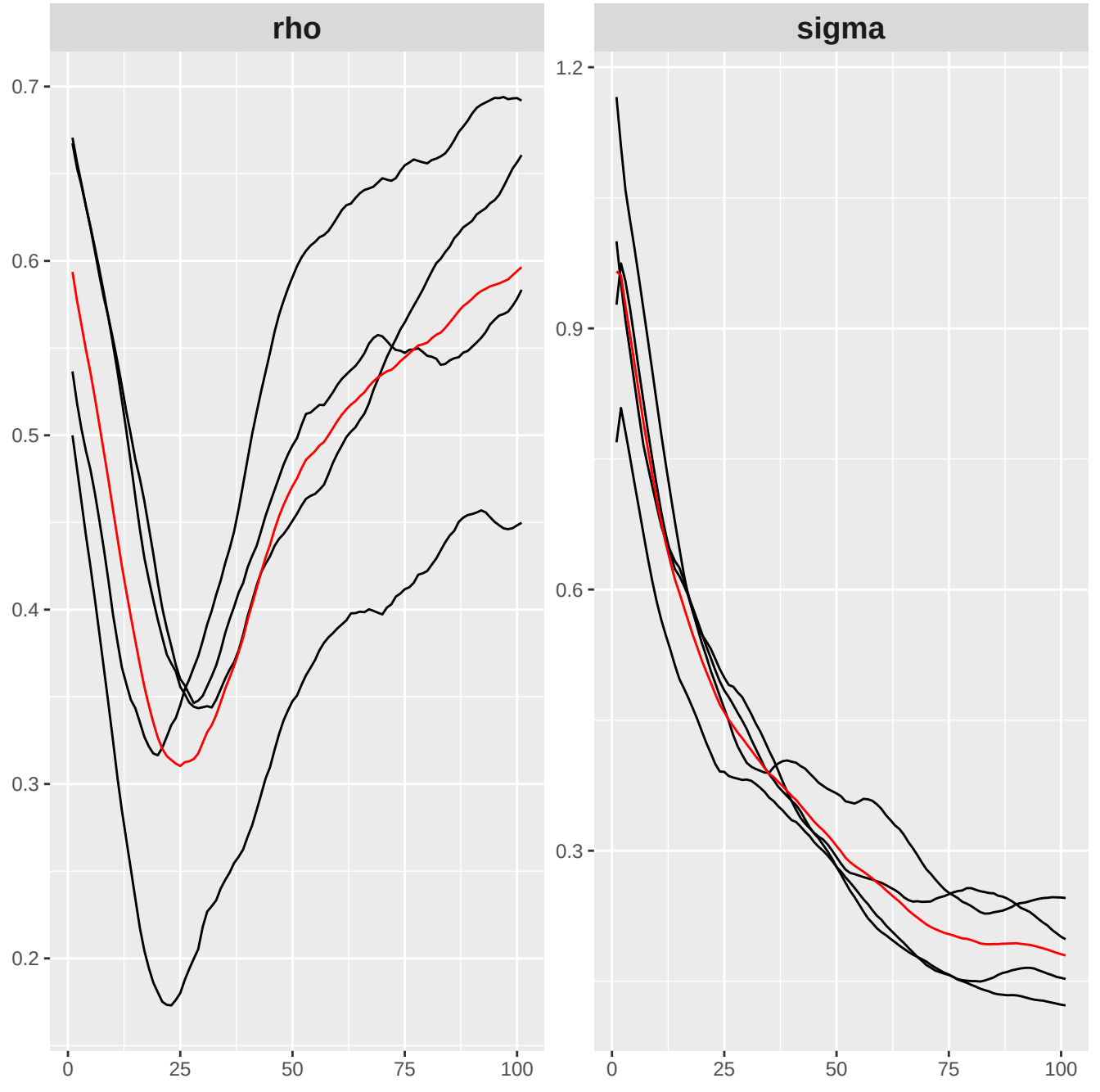

rho
1.0
0.8
0.6
0.4
sd1
1.1
1.0
0.9
sd2
0.68
0.66
0.64
0.62
kappa (1st)
0.9
0.8
0.7
0.6
kappa (2nd)
1.0
0.9
0.8
0.7
mu (1st)
0.05
0.00
−0.05
−0.10
mu (2nd)
0.3
0.2
0.1
0.0
sigma (1st)
1.5
1.4
1.3
sigma (2nd)
0.80
0.75
0.70
0.65
nu (1st)
1.00
0.95
0.90
0.85
0.80
0.75
0
5
10
15
20
nu (2nd)
1.00
0.95
0.90
0.85
0.80
0
5
10
15
20

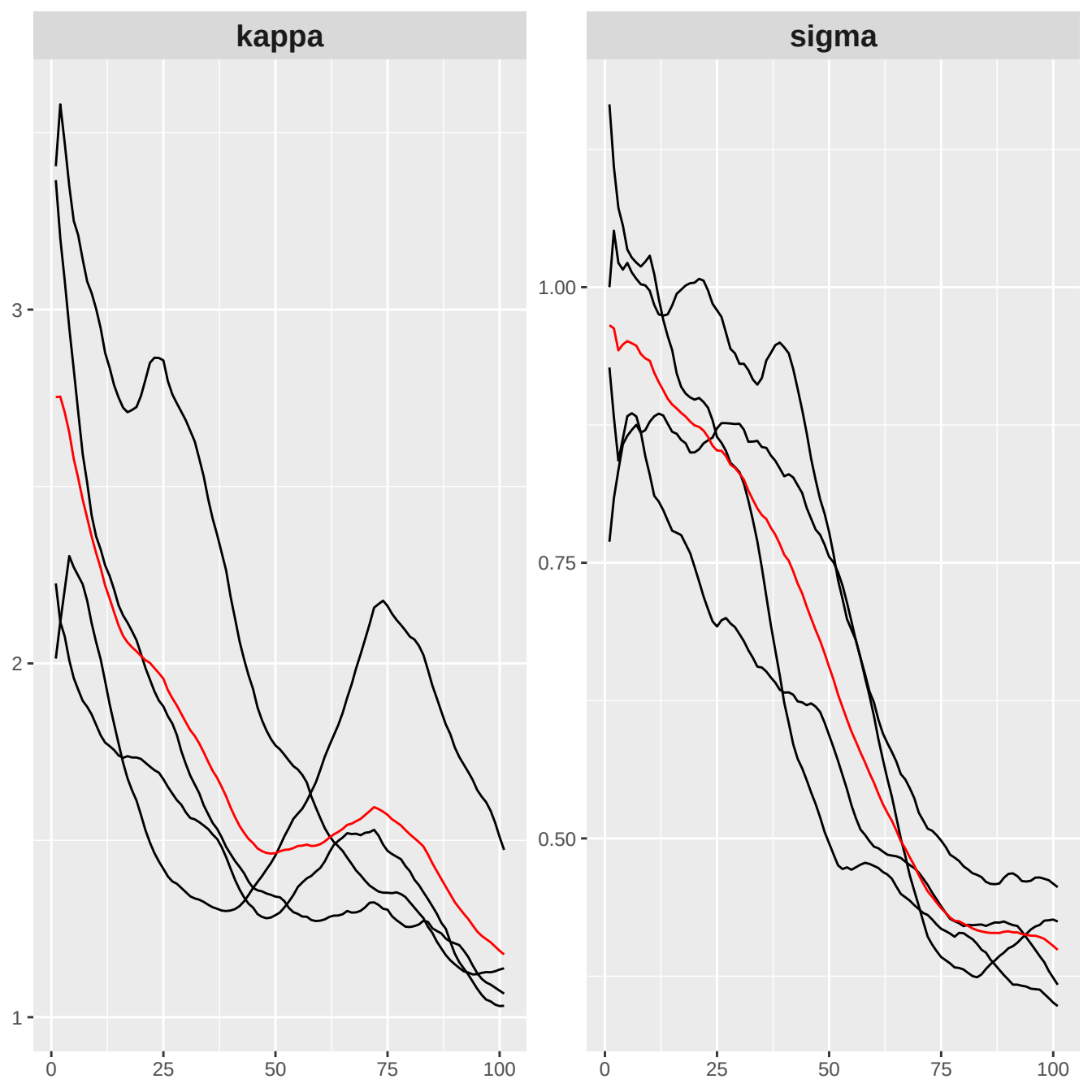

rho (bv)
1.0
0.5
0.0
−0.5
sd1 (bv)
1.2
0.8
0.4
0.0
sd2 (bv)
0.9
0.8
0.7
kappa (1st) (bv)
1
0
−1
−2
−3
kappa (2nd) (bv)
1.4
1.2
1.0
0.8
mu (1st) (bv)
0.05
0.00
−0.05
−0.10
mu (2nd) (bv)
0.3
0.2
0.1
0.0
sigma (1st) (bv)
1.5
1.4
1.3
sigma (2nd) (bv)
0.80
0.75
0.70
0.65
nu (1st) (bv)
1.00
0.95
0.90
0.85
0.80
0.75
nu (2nd) (bv)
1.00
0.95
0.90
0.85
0.80
theta_sigma 1
−0.350
−0.375
−0.400
−0.425
−0.450
theta_sigma 2
0.04
0.02
0.00
−0.02
rho(measurement)
0.80
0.75
0.70
0.65
0.60
x1
−3.020
−3.024
−3.028
x2
1.525
1.520
1.515
0
5
10
15
20

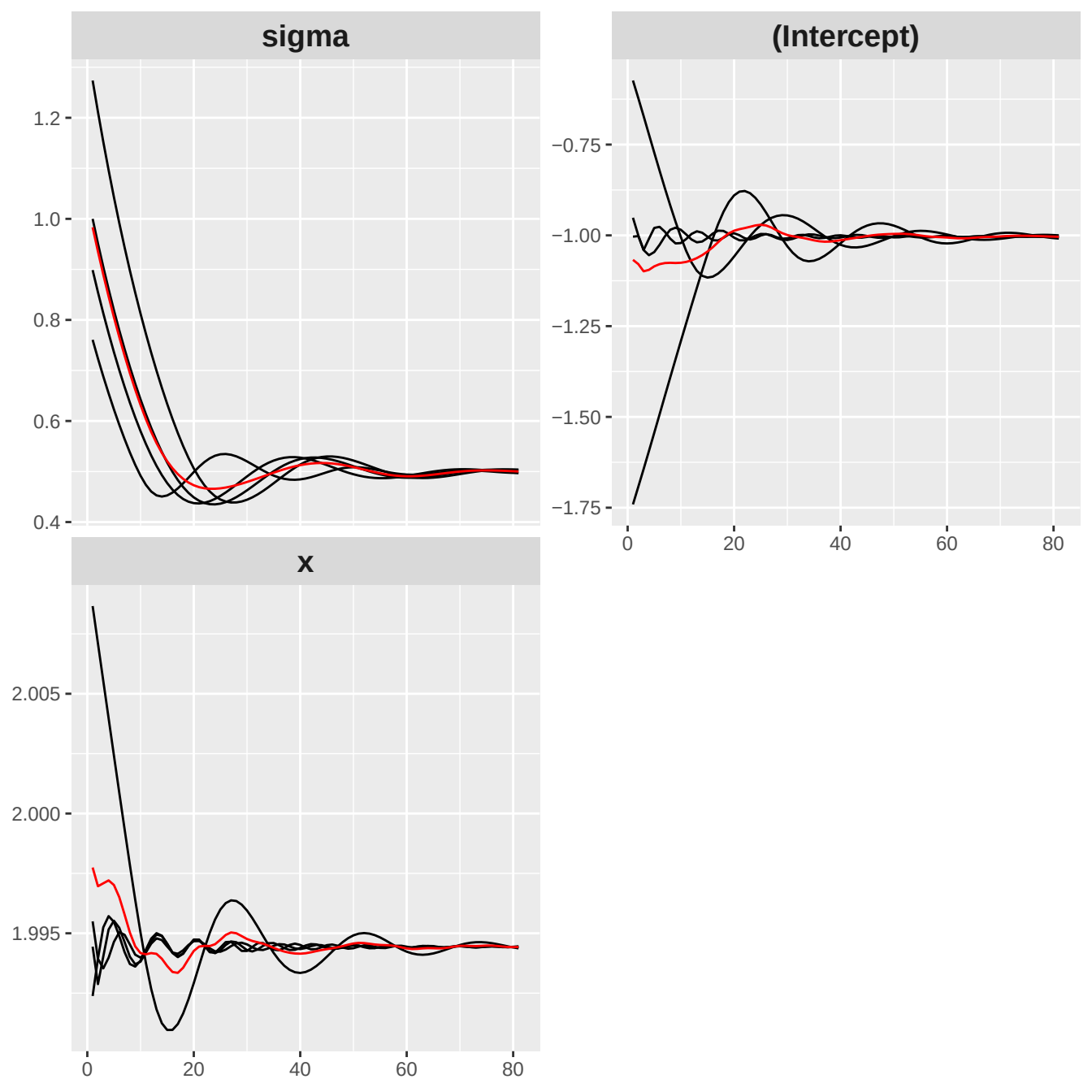


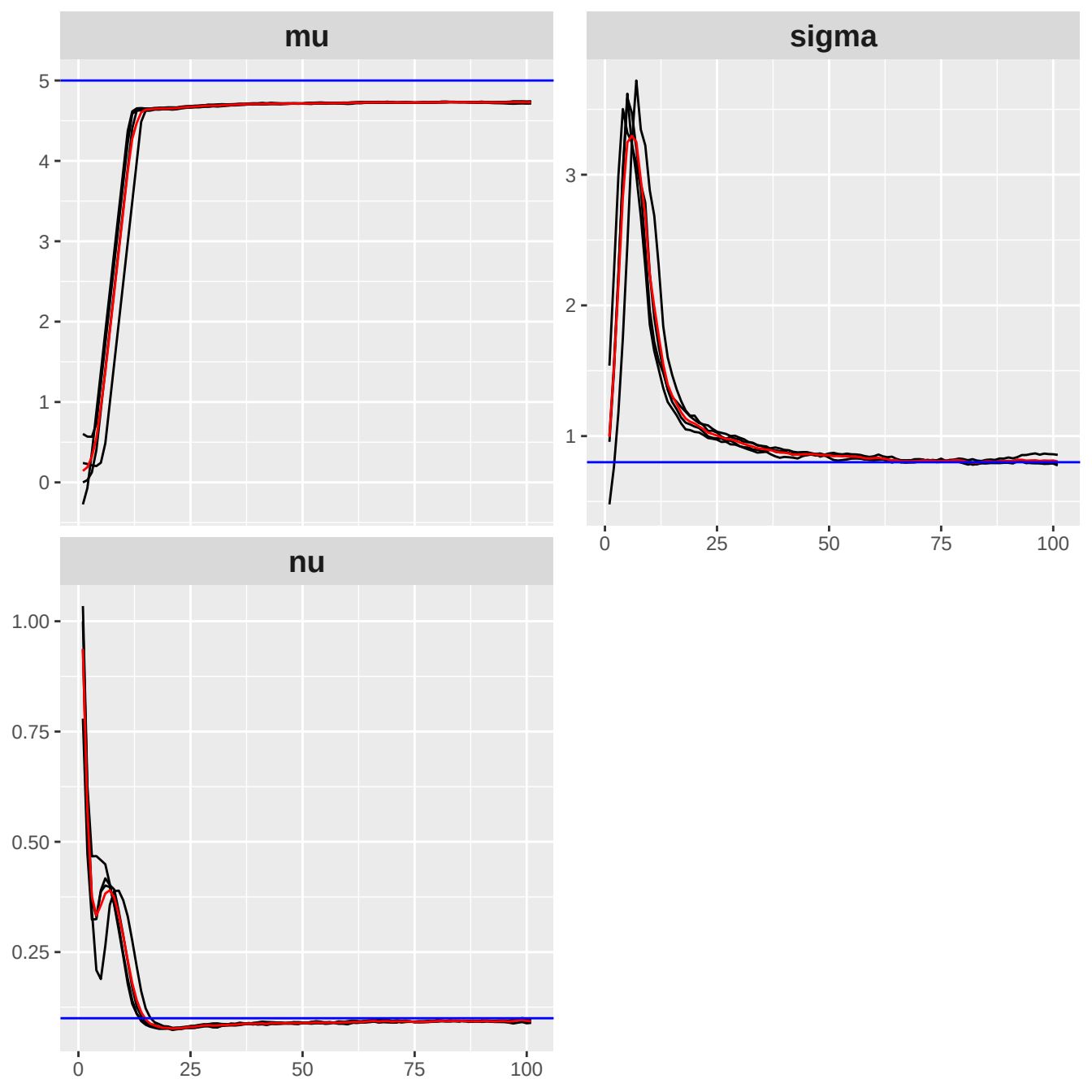

alpha (field1)
2.6
2.5
2.4
2.3
2.2
kappa (field1)
13.0
12.5
12.0
11.5
11.0
10.5
sigma (field1)
250
200
150
0
20
40
60
sigma
0.104
0.102
0.100
0
20
40
60

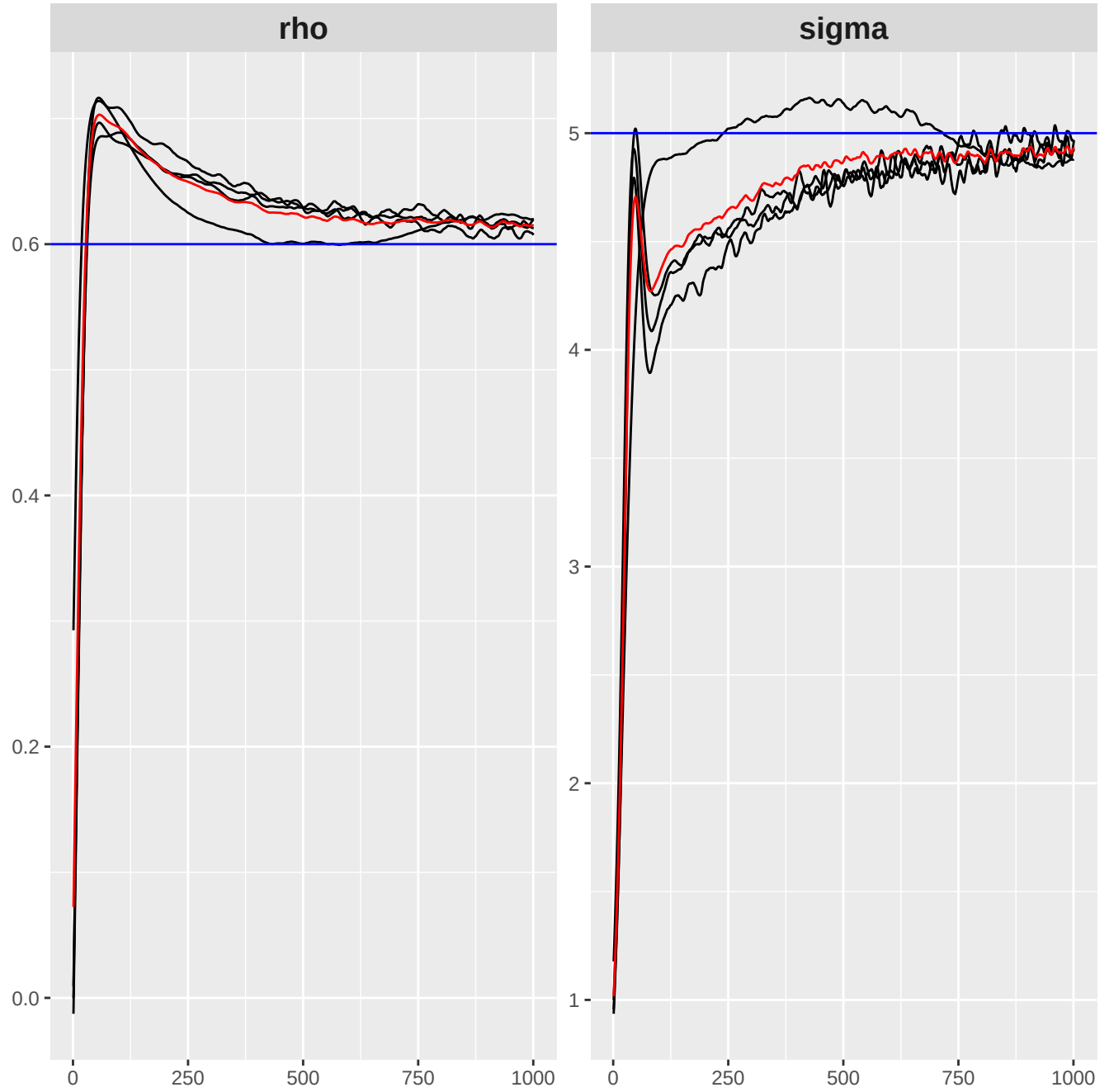

alpha
2.6
2.5
2.4
2.3
2.2
kappa
13.0
12.5
12.0
11.5
11.0
10.5
0
20
40
60
sigma
250
200
150
0
20
40
60

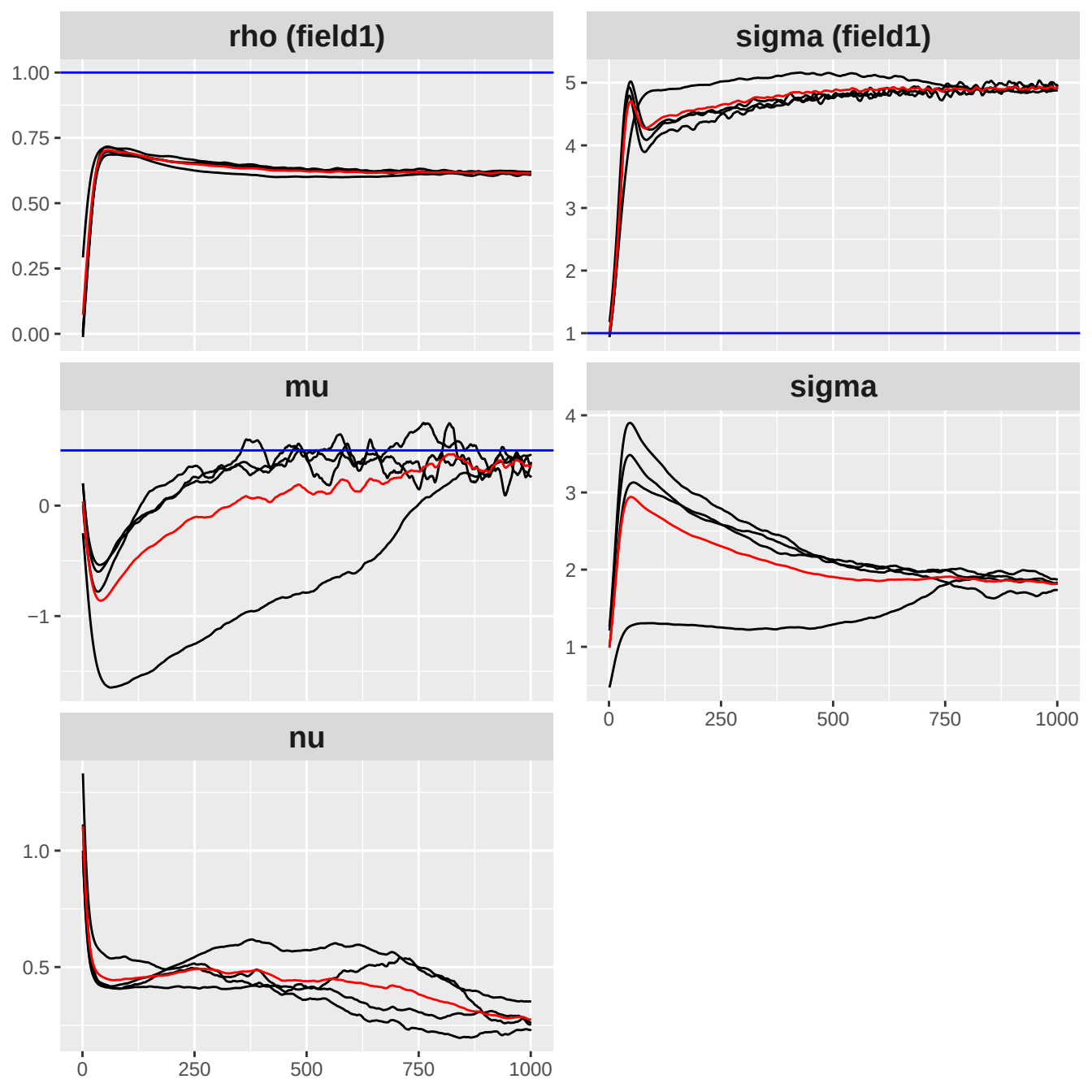

rho
sigma
0.7
0.6
0.5
0.4
0.3
0.2
1.2
0.9
0.6
0.3
0
25
50
75
100

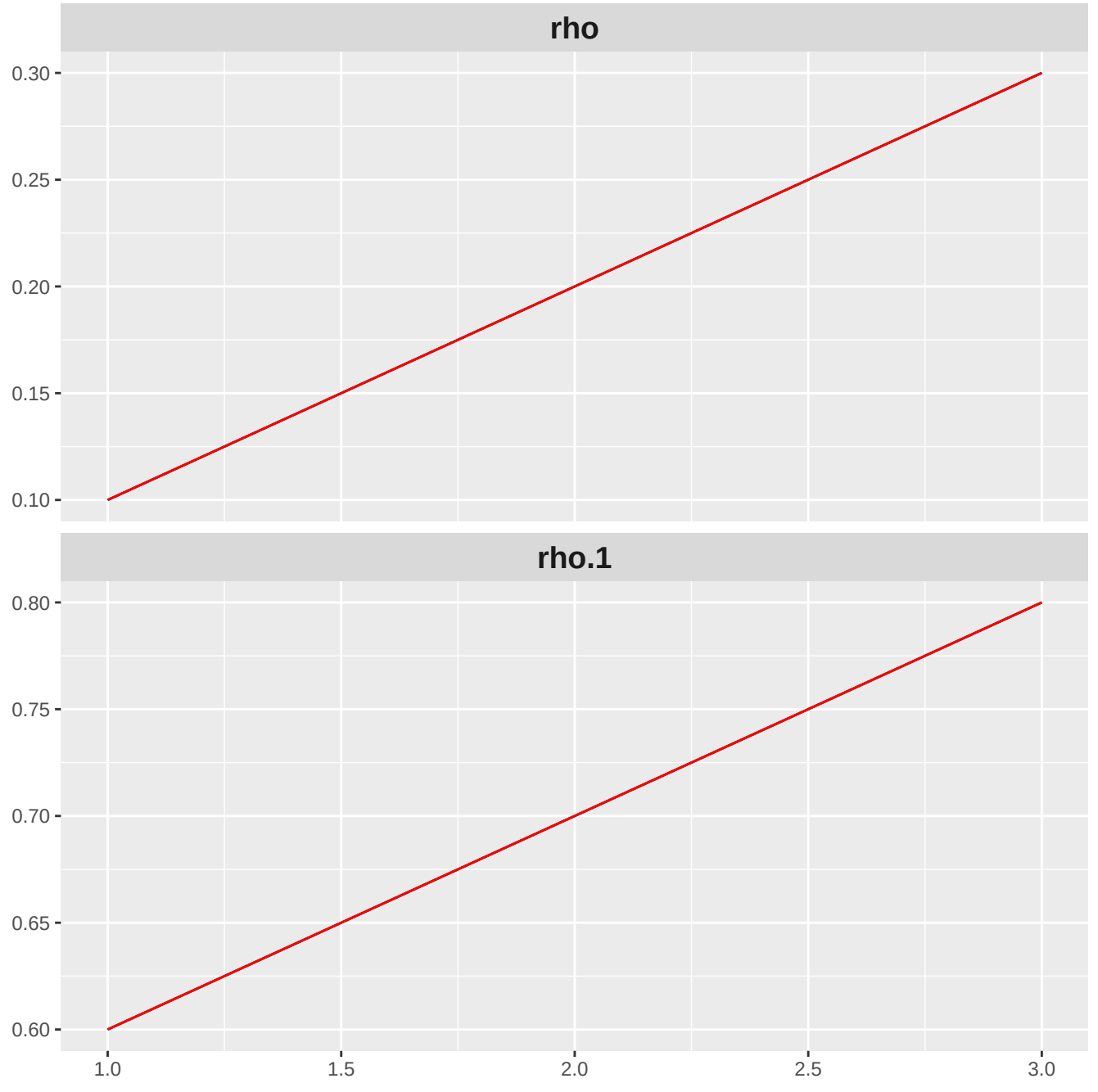

kappa
sigma
3
2
1
1.00
0.75
0.50
0
25
50
75
100


sigma
1.2
1.0
0.8
0.6
0.4
(Intercept)
−0.75
−1.00
−1.25
−1.50
−1.75
0
20
40
60
80
x
2.005
2.000
1.995
0
20
40
60
80


mu
sigma
nu
5
4
3
2
1
0
3
2
1
1.00
0.75
0.50
0.25
0
25
50
75
100


rho
sigma
0.0
0.2
0.4
0.6
1
2
3
4
5
0
250
500
750
1000


rho (field1)
1.00
0.75
0.50
0.25
0.00
sigma (field1)
5
4
3
2
1
mu
0
−1
sigma
4
3
2
1
nu
1.0
0.5
0
250
500
750
1000


rho
0.30
0.25
0.20
0.15
0.10
rho.1
0.80
0.75
0.70
0.65
0.60
1.0
1.5
2.0
2.5
3.0