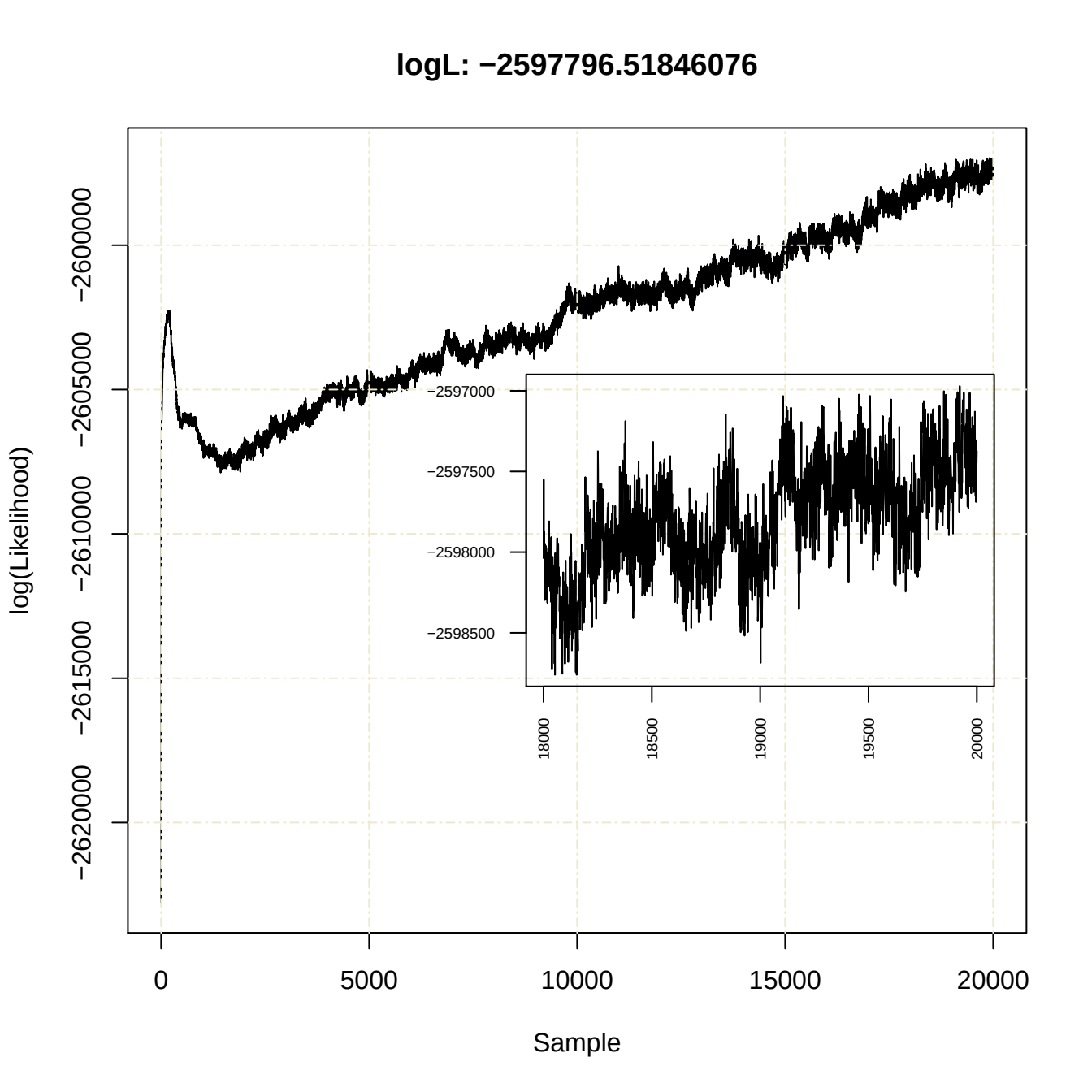
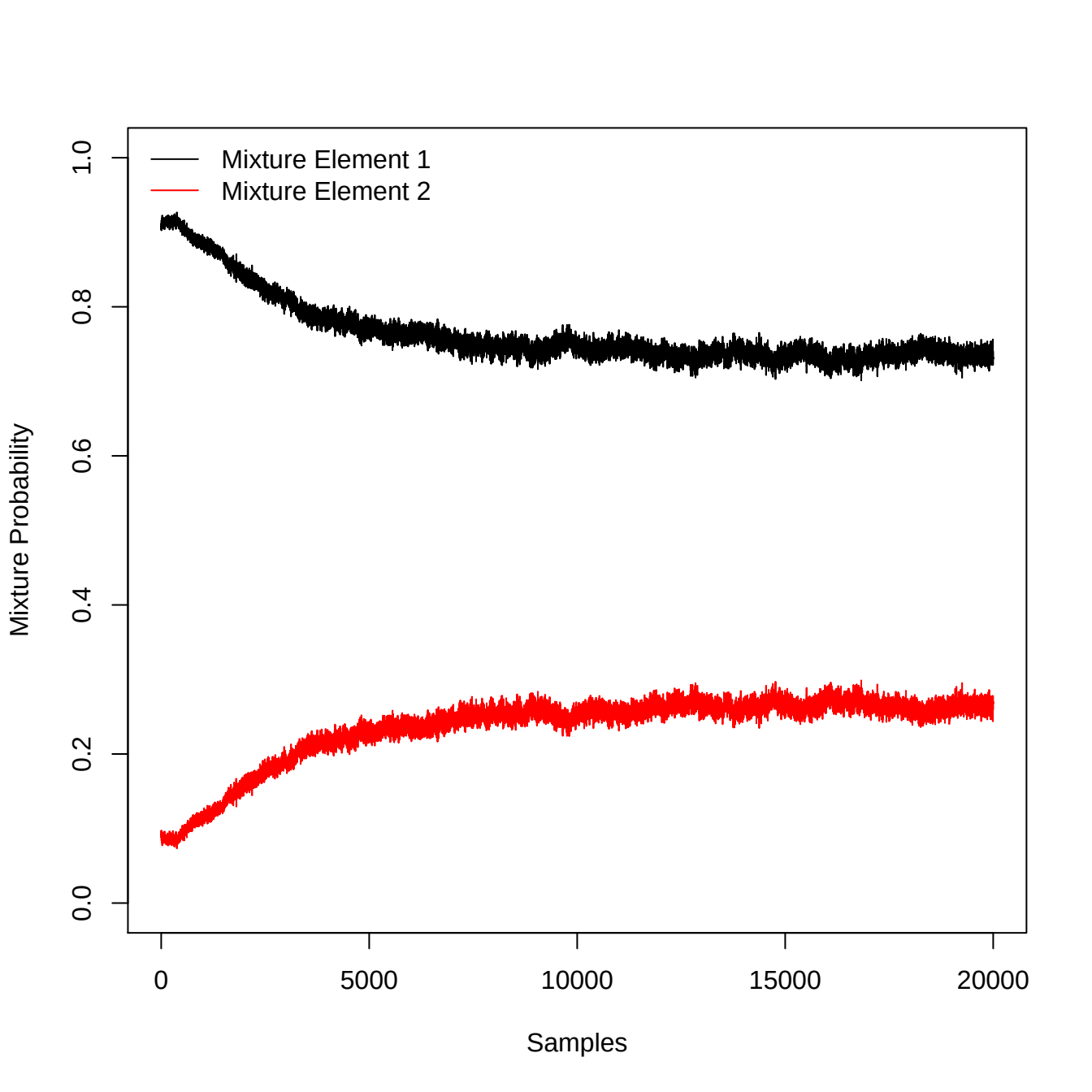
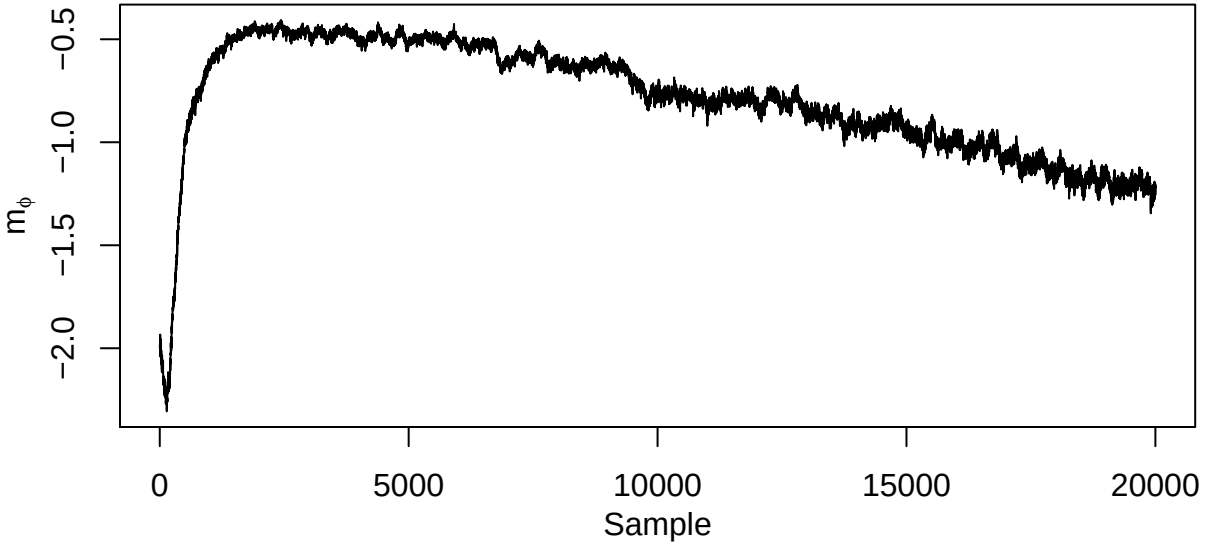
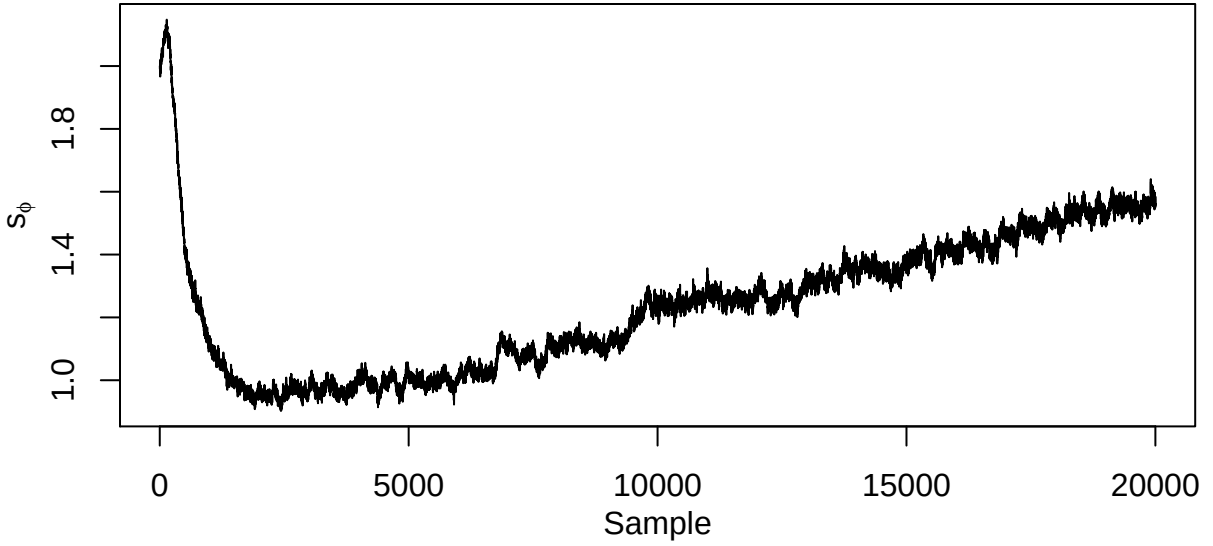
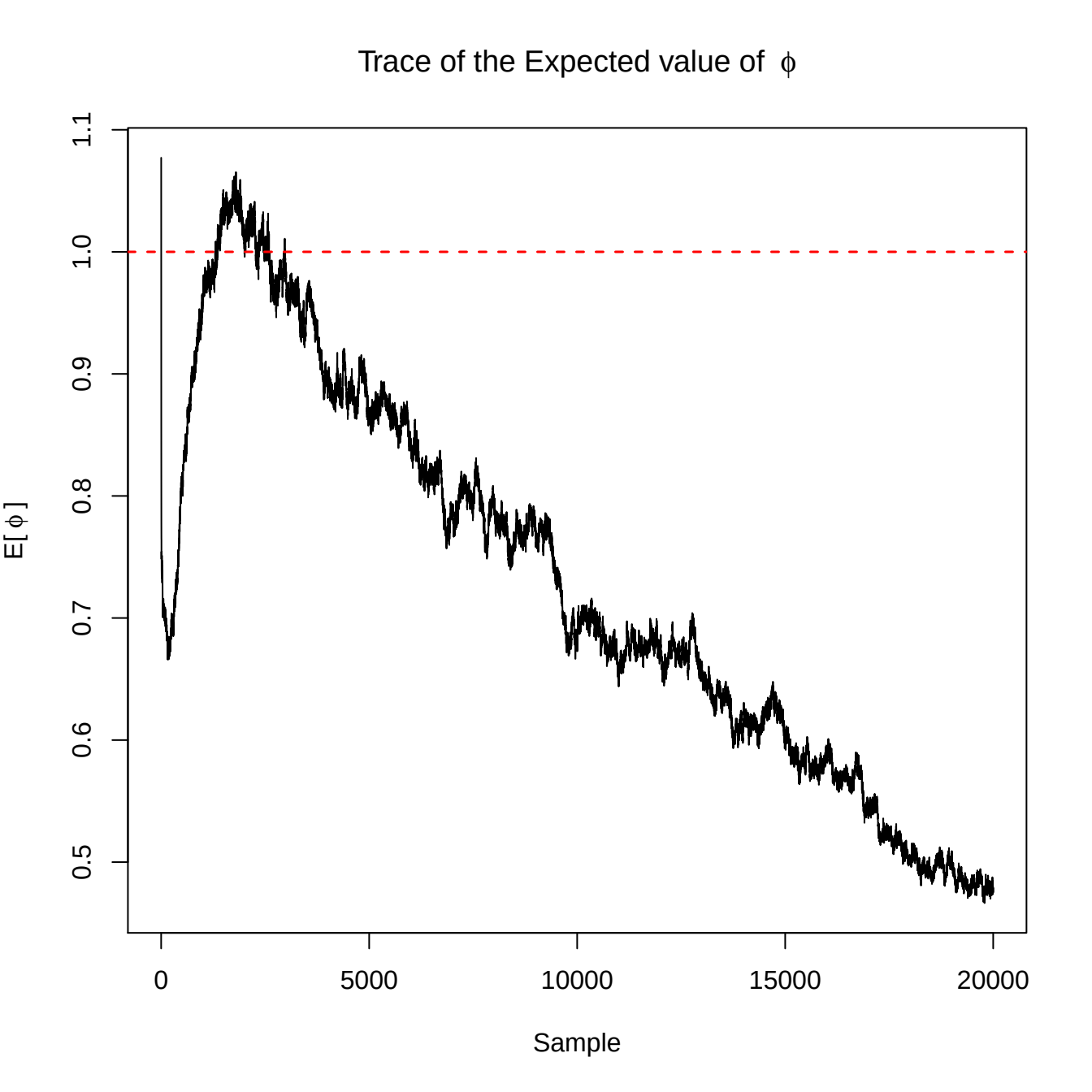
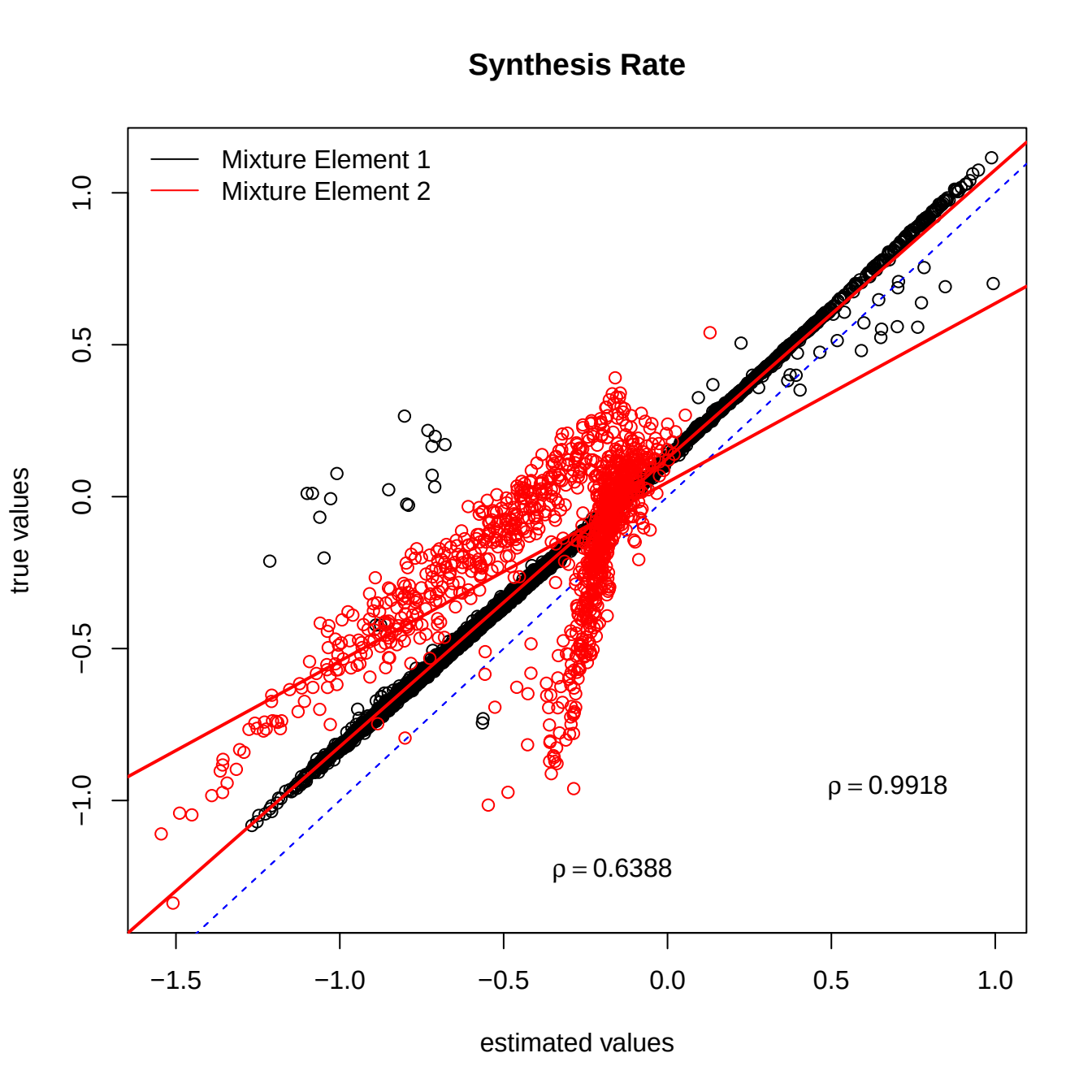

logL: −2597796.51846076
log(Likelihood)
−2600000
−2605000
−2610000
−2615000
−2620000
0
5000
10000
15000
20000
Sample
−2597000
−2597500
−2598000
−2598500
18000
18500
19000
19500
20000

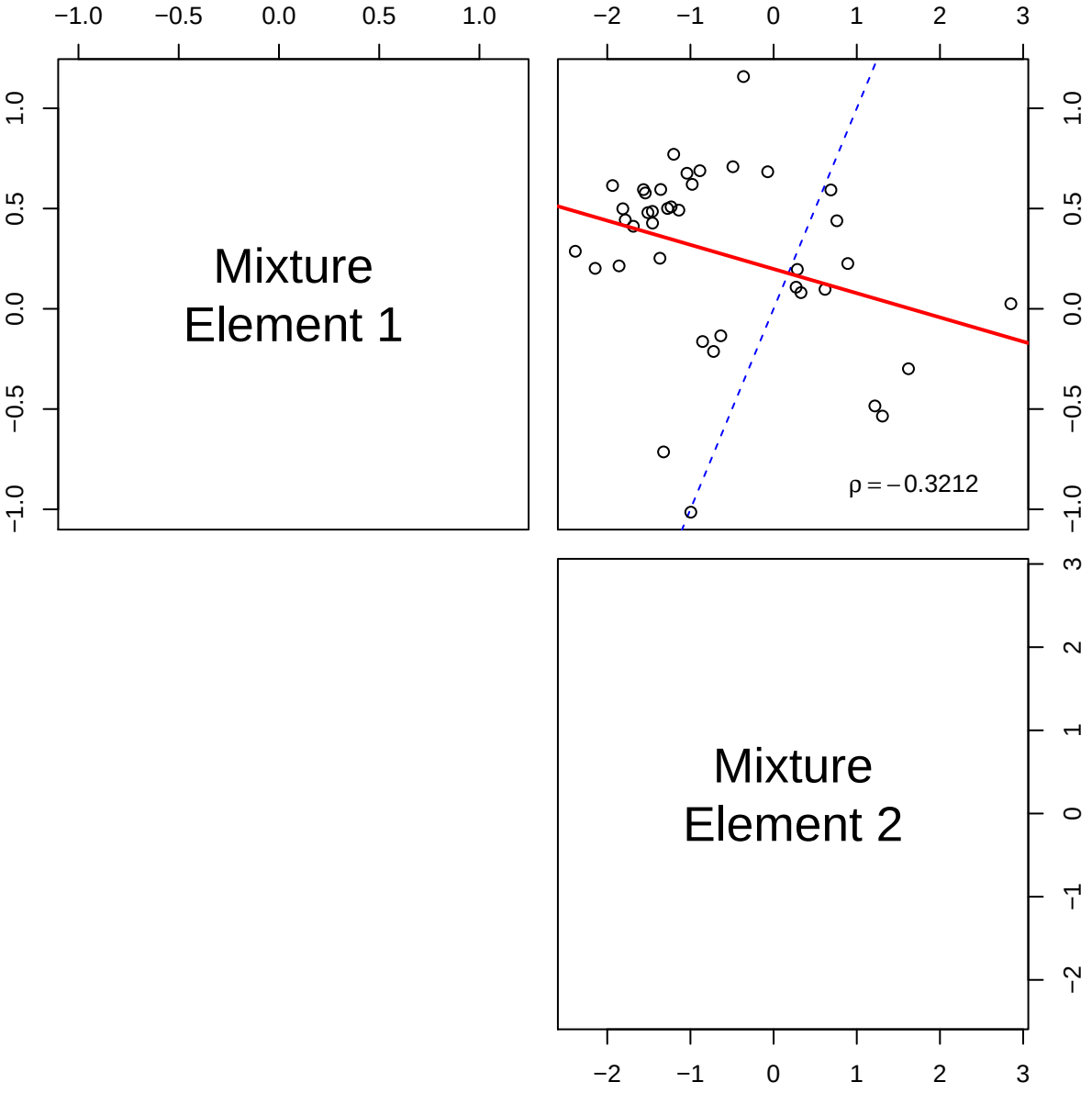

Mixture Element 1
Mixture Element 2
Mixture Probability
0.0
0.2
0.4
0.6
0.8
1.0
0
5000
10000
15000
20000
Samples

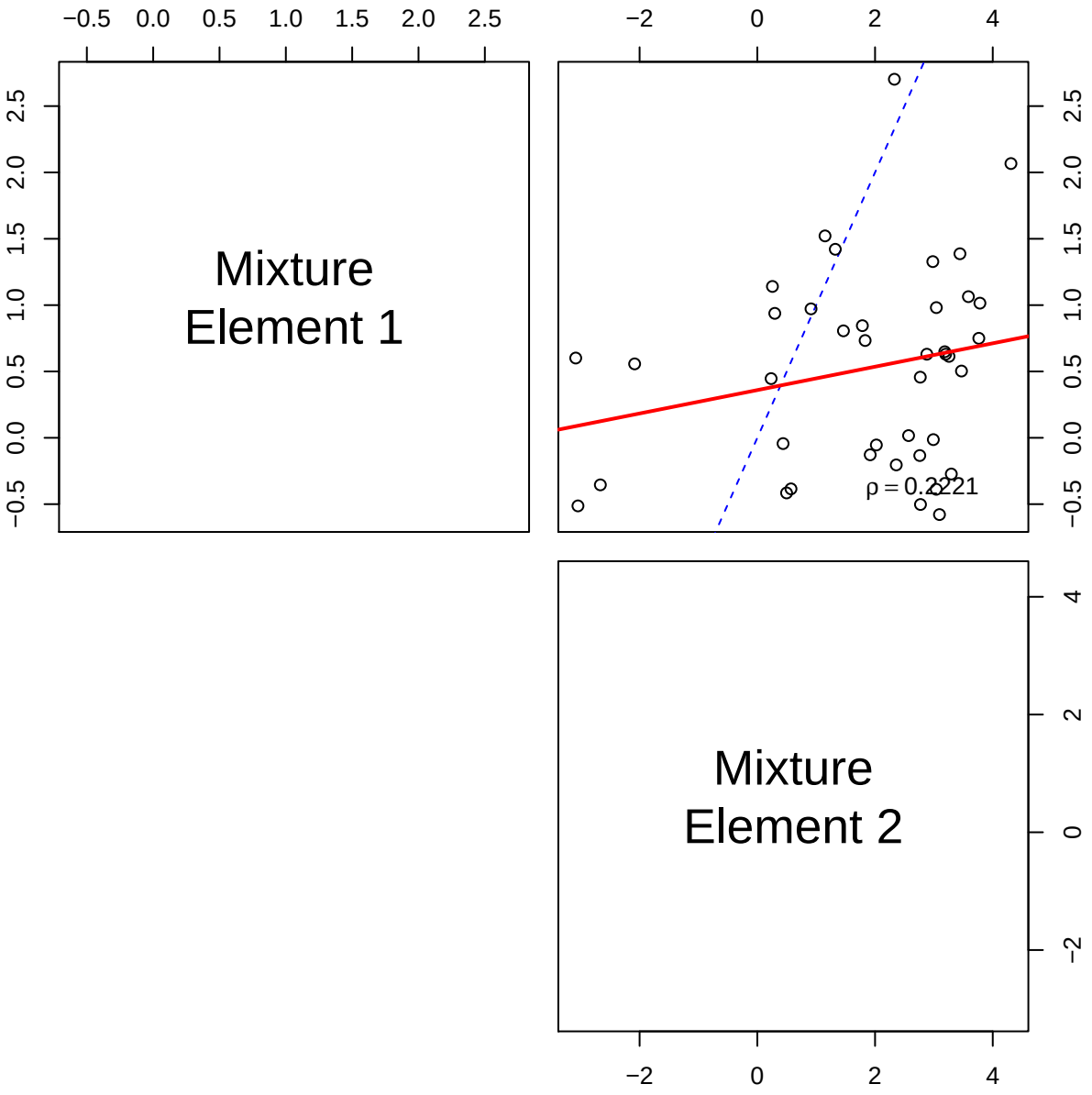

m_ϕ
−0.5
−1.0
−1.5
−2.0
0
5000
10000
15000
20000
Sample


s_ϕ
1.0
1.4
1.8
0
5000
10000
15000
20000
Sample


Trace of the Expected value of ϕ
E[ϕ]
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
5000
10000
15000
20000
Sample


Synthesis Rate
Mixture Element 1
Mixture Element 2
ρ = 0.9918
ρ = 0.6388
true values
estimated values
−1.5
−1.0
−0.5
0.0
0.5
1.0


−1.0
−0.5
0.0
0.5
1.0
−2
−1
0
1
2
3
Mixture
Element 1
ρ = −0.3212
Mixture
Element 2


−0.5
0.0
0.5
1.0
1.5
2.0
2.5
−2
0
2
4
Mixture
Element 1
ρ = 0.2221
Mixture
Element 2