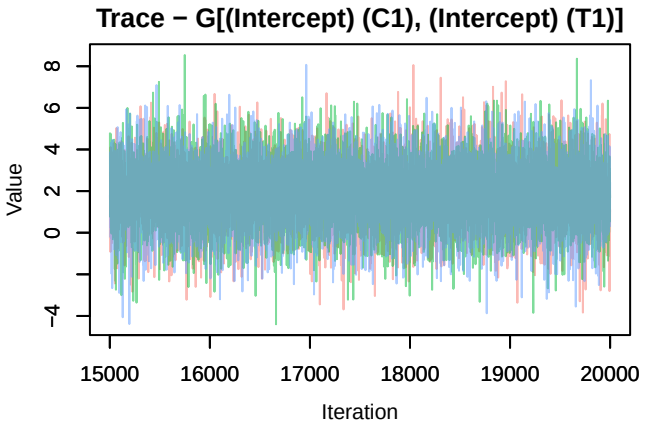
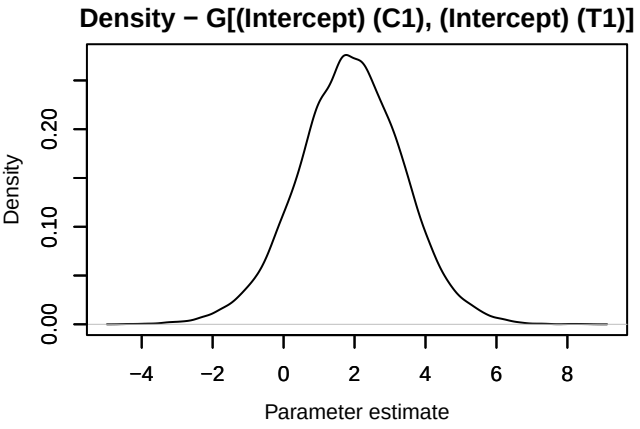
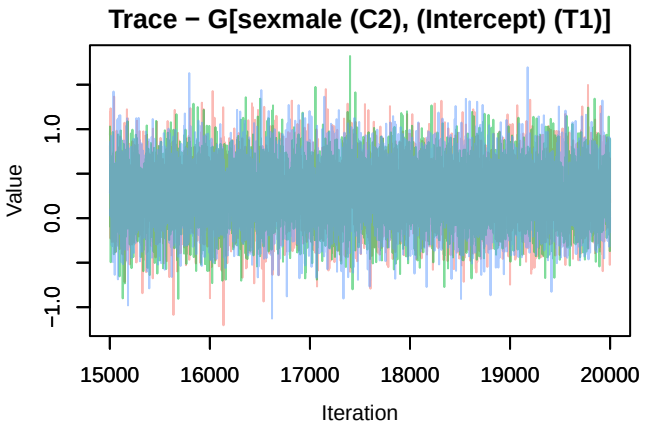
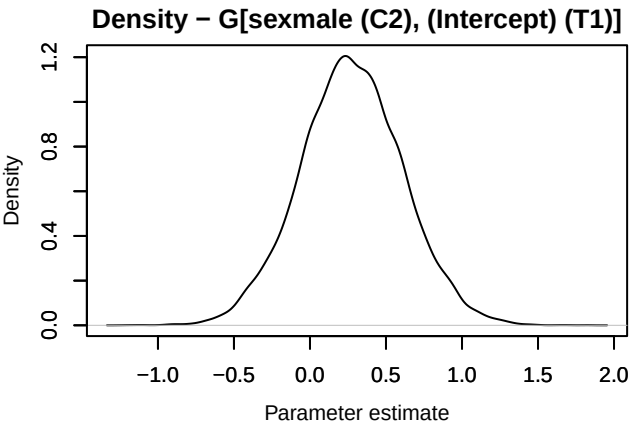
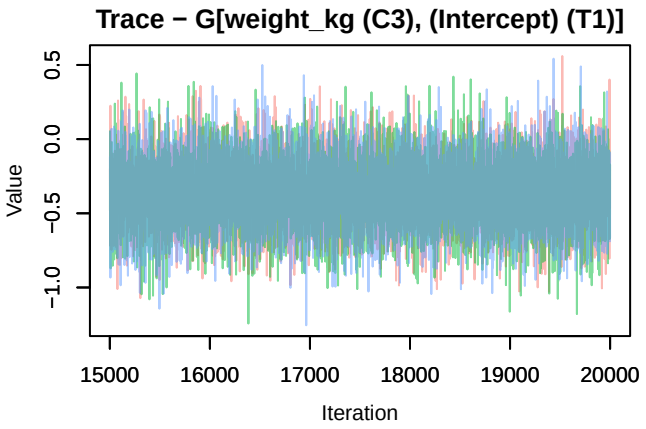
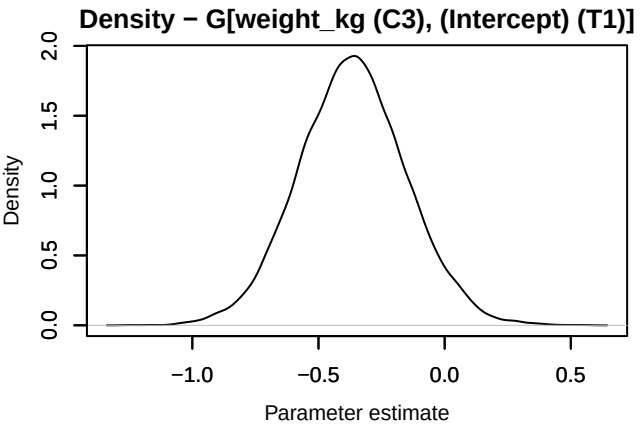

Trace − G[(Intercept) (C1), (Intercept) (T1)]
Value
Iteration
15000
16000
17000
18000
19000
20000

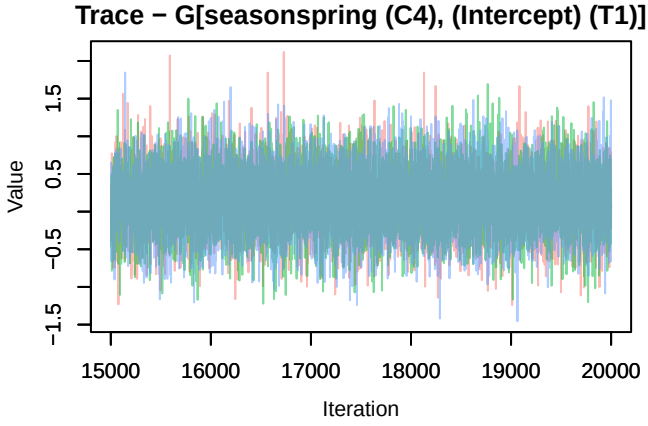

Density − G[(Intercept) (C1), (Intercept) (T1)]
Density
Parameter estimate

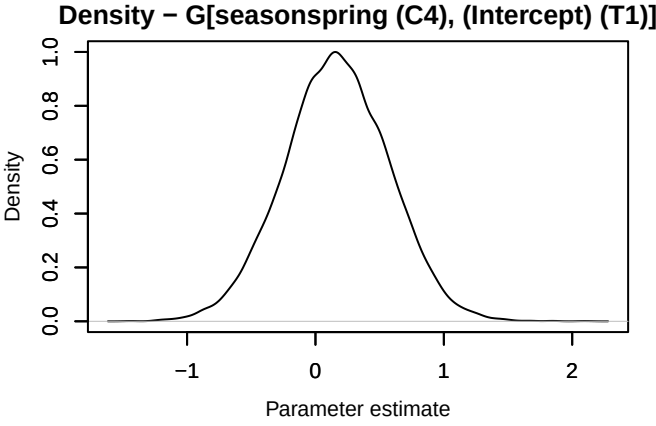

Trace − G[sexmale (C2), (Intercept) (T1)]
Value
Iteration
15000
16000
17000
18000
19000
20000

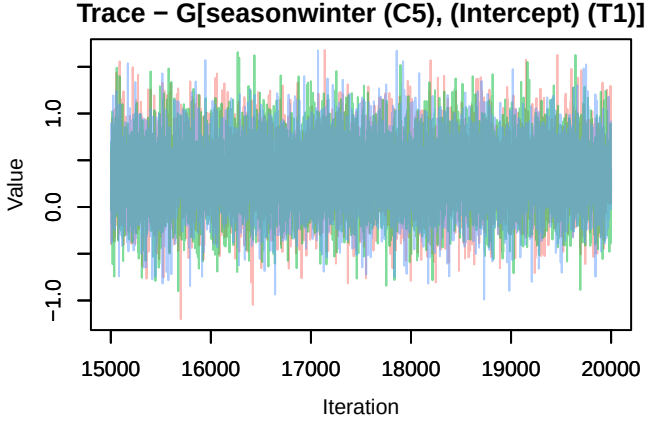

Density − G[sexmale (C2), (Intercept) (T1)]
Density
Parameter estimate

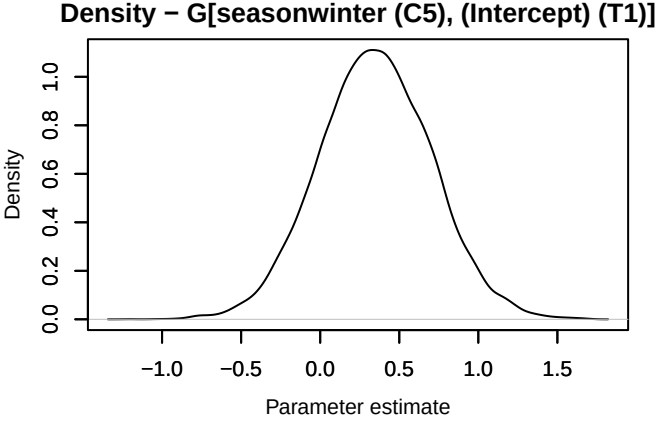

Trace − G[weight_kg (C3), (Intercept) (T1)]
Value
Iteration
15000
16000
17000
18000
19000
20000

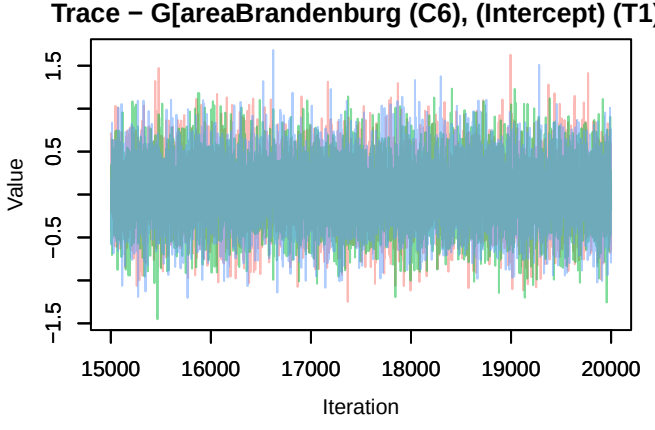

Density − G[weight_kg (C3), (Intercept) (T1)]
Density
Parameter estimate

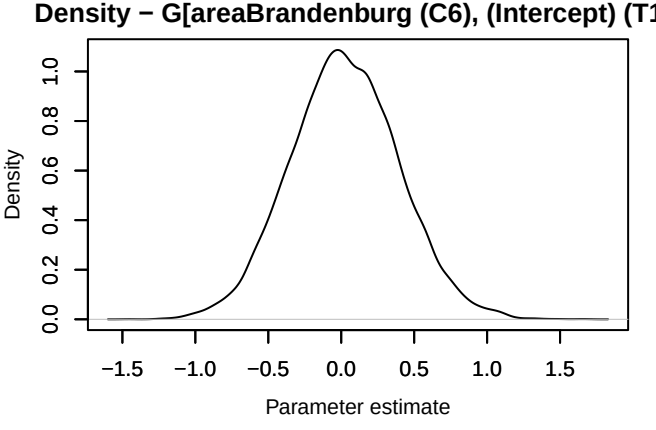

Trace − G[seasonspring (C4), (Intercept) (T1)]
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.5
−0.5
0.5
1.5

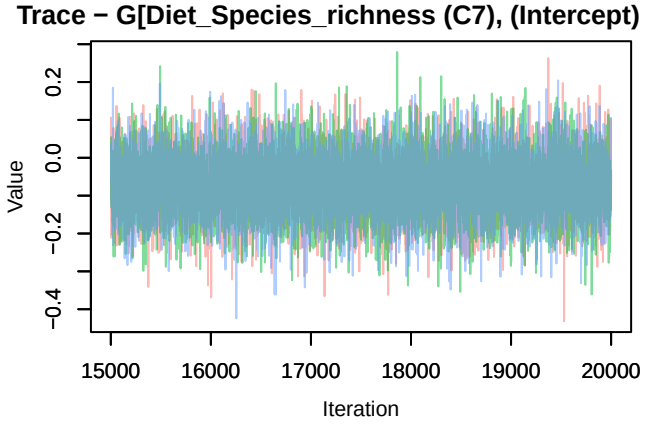

Density − G[seasonspring (C4), (Intercept) (T1)]
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
1.0
−1
0
1
2

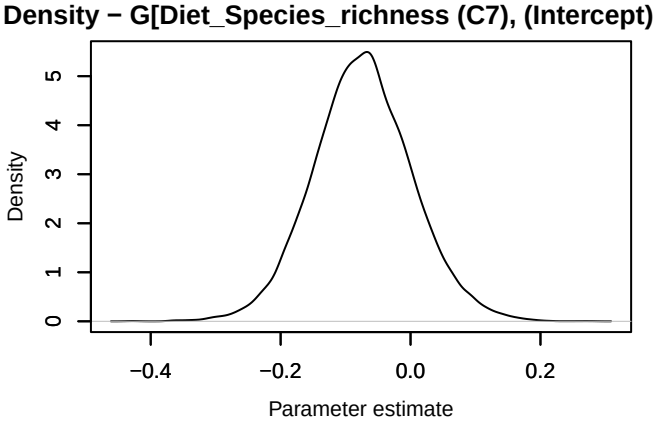

Trace − G[seasonwinter (C5), (Intercept) (T1)]
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.0
0.0
1.0

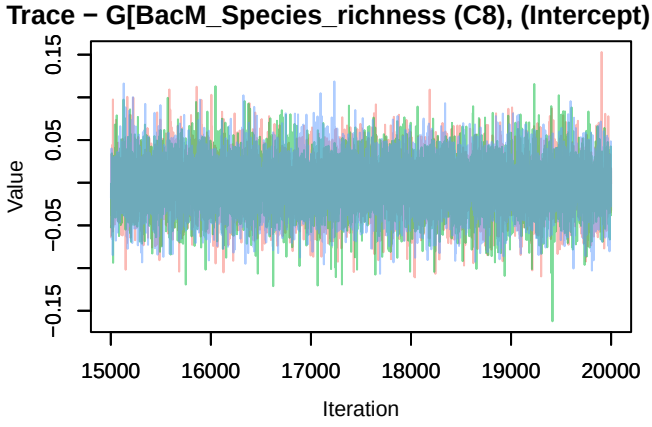

Density − G[seasonwinter (C5), (Intercept) (T1)]
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
1.5

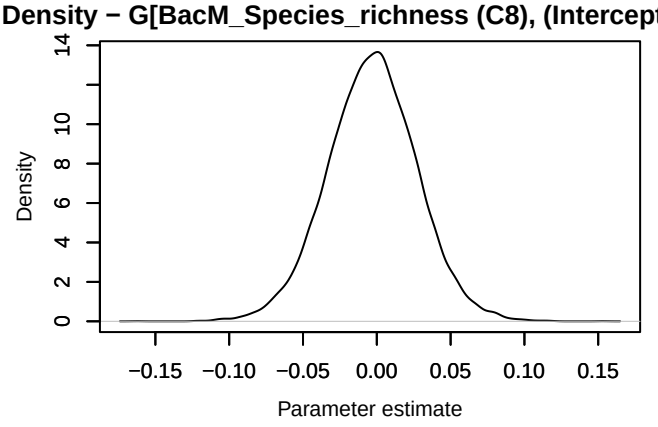

Trace − G[areaBrandenburg (C6), (Intercept) (T1
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.5
−0.5
0.5
1.5

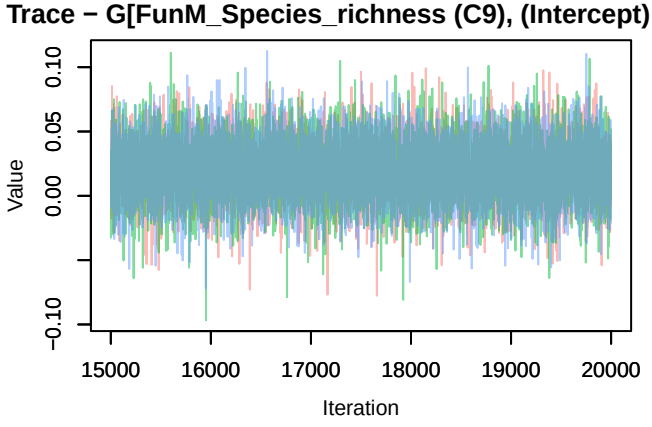

Density − G[areaBrandenburg (C6), (Intercept) (T1
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
1.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5

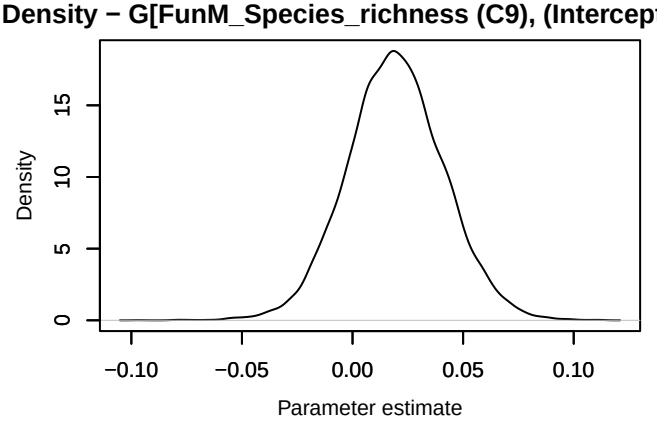

Trace − G[Diet_Species_richness (C7), (Intercept) (
Value
0.2
0.0
−0.2
−0.4
15000
16000
17000
18000
19000
20000
Iteration

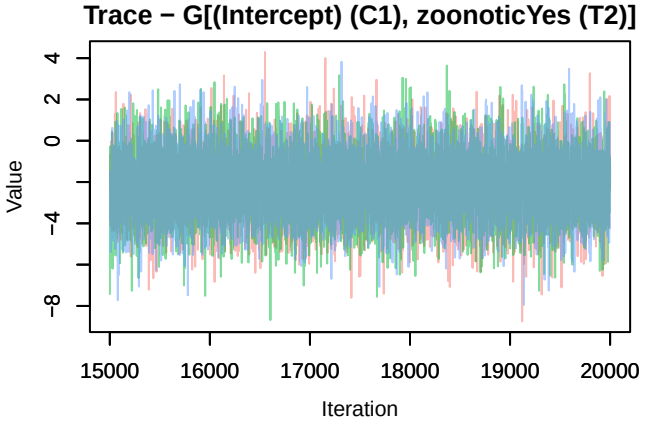

Density − G[Diet_Species_richness (C7), (Intercept)
Density
0
1
2
3
4
5
−0.4
−0.2
0.0
0.2
Parameter estimate

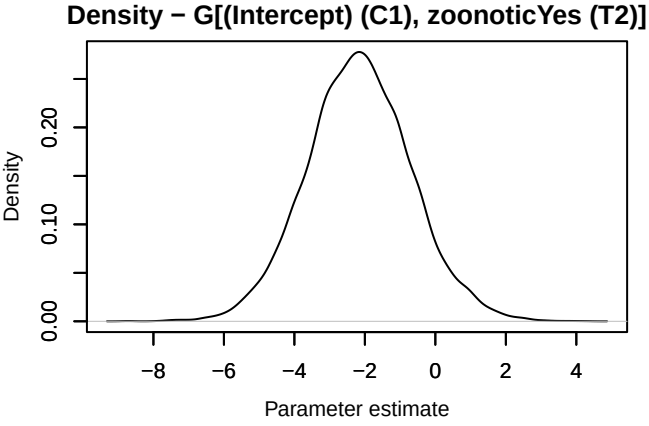

Trace − G[BacM_Species_richness (C8), (Intercept)
Value
0.15
0.05
−0.05
−0.15
15000
16000
17000
18000
19000
20000
Iteration

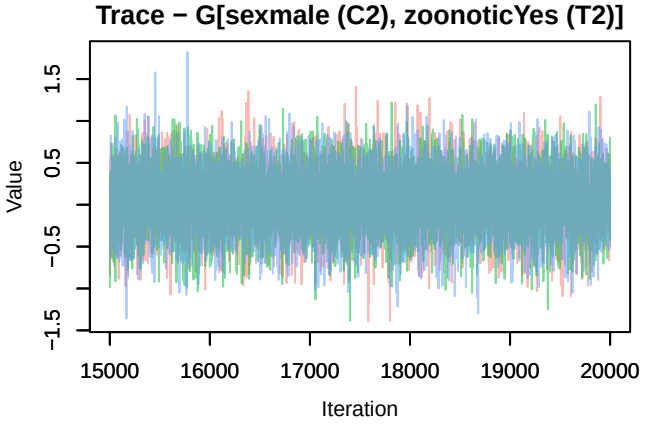

Density − G[BacM_Species_richness (C8), (Intercept)
Density
0
2
4
6
8
10
14
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15
Parameter estimate

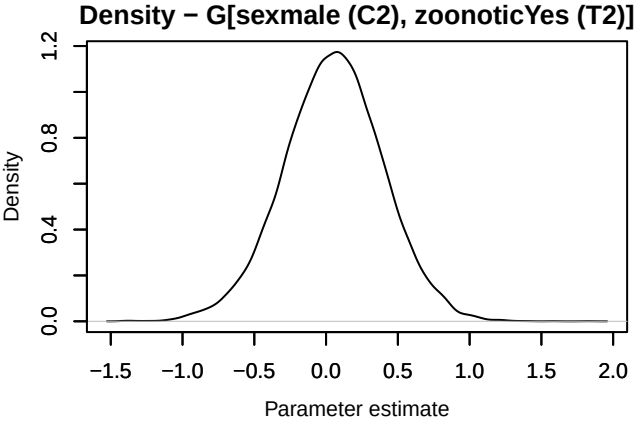

Trace − G[FunM_Species_richness (C9), (Intercept)
Value
0.10
0.05
0.00
−0.10
15000
16000
17000
18000
19000
20000
Iteration

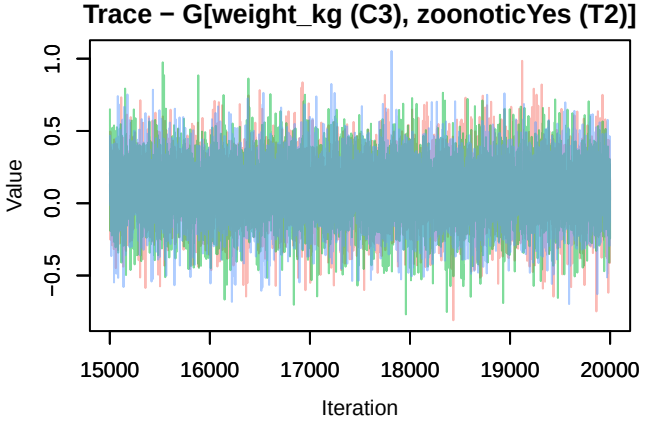

Density − G[FunM_Species_richness (C9), (Intercept)
Density
0
5
10
15
−0.10
−0.05
0.00
0.05
0.10
Parameter estimate

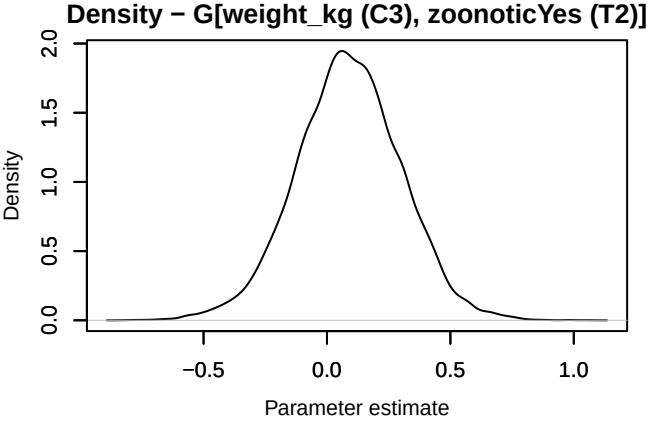

Trace − G[(Intercept) (C1), zoonoticYes (T2)]
Value
Iteration
15000
16000
17000
18000
19000
20000
4
2
0
−4
−8

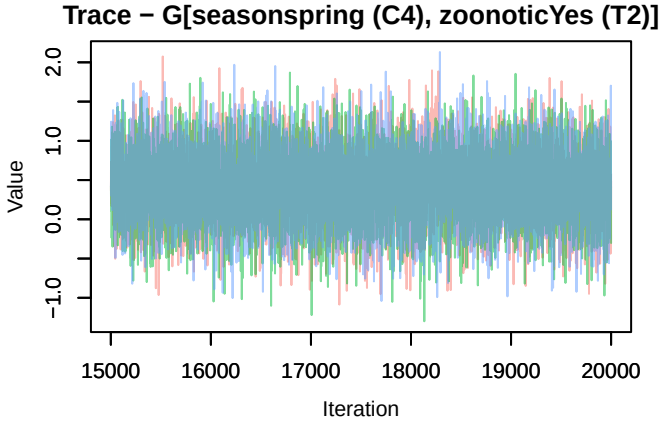

Density − G[(Intercept) (C1), zoonoticYes (T2)]
Density
Parameter estimate
0.00
0.10
0.20
−8
−6
−4
−2
0
2
4

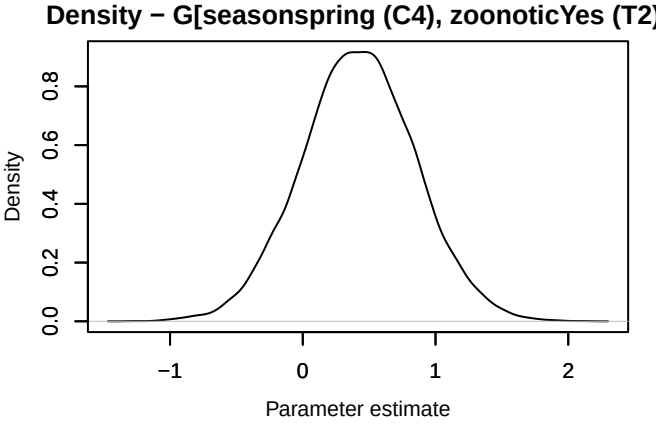

Trace − G[sexmale (C2), zoonoticYes (T2)]
Value
Iteration
15000
16000
17000
18000
19000
20000
1.5
0.5
−0.5
−1.5

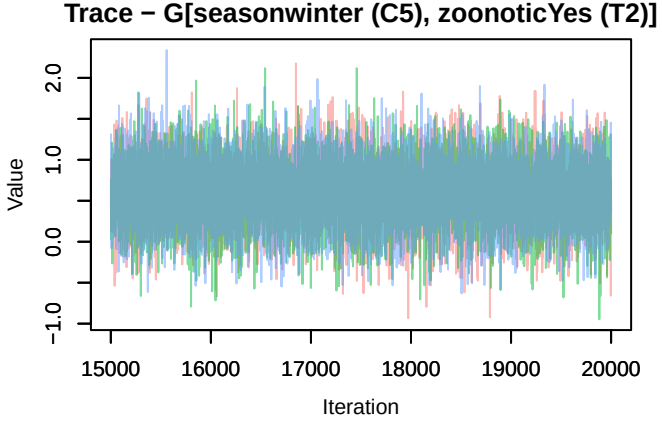

Density − G[sexmale (C2), zoonoticYes (T2)]
Density
Parameter estimate
0.0
0.4
0.8
1.2
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0

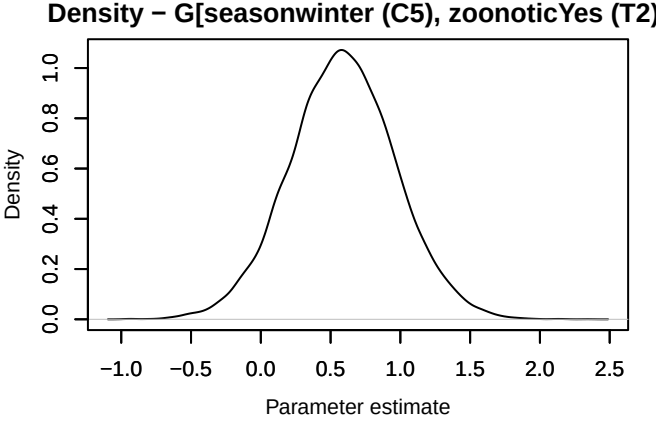

Trace − G[weight_kg (C3), zoonoticYes (T2)]
Value
Iteration
15000
16000
17000
18000
19000
20000
1.0
0.5
0.0
−0.5

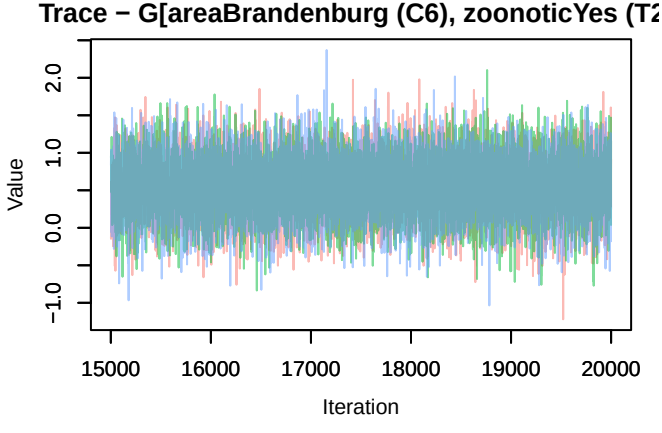

Density − G[weight_kg (C3), zoonoticYes (T2)]
Density
Parameter estimate
0.0
0.5
1.0
1.5
2.0
−0.5
0.0
0.5
1.0

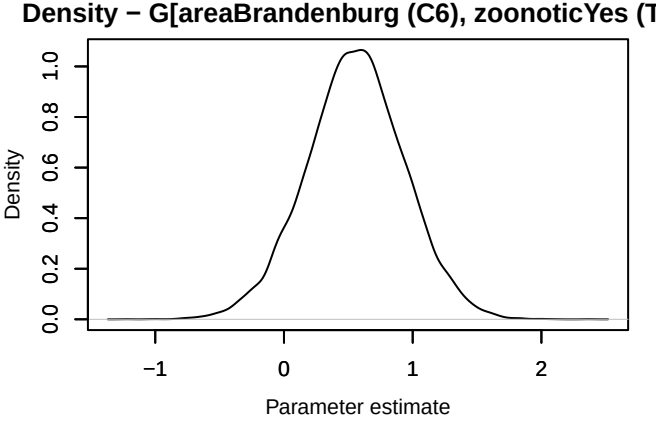

Trace − G[seasonspring (C4), zoonoticYes (T2)]
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.0
0.0
1.0
2.0

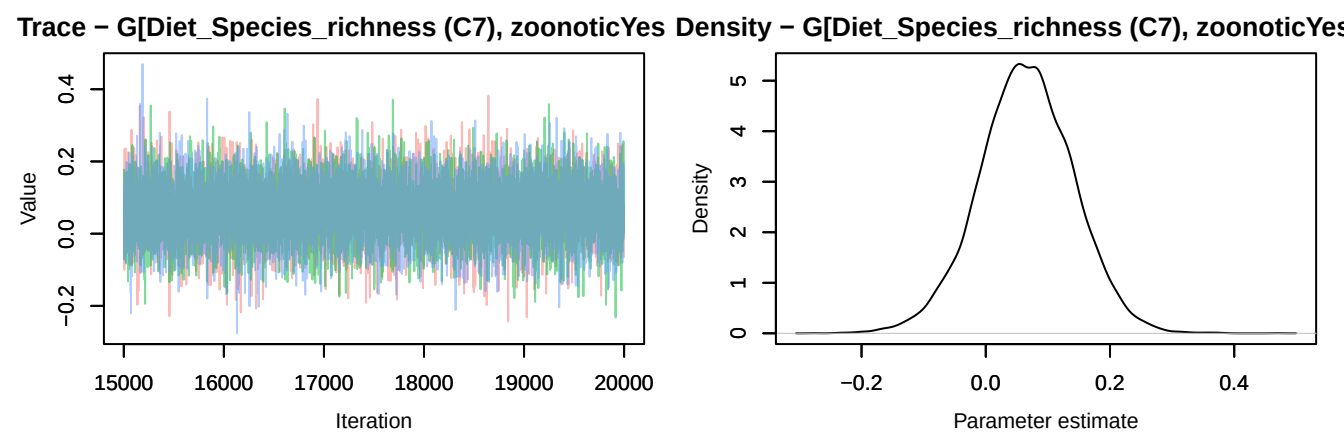

Density − G[seasonspring (C4), zoonoticYes (T2)]
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
−1
0
1
2

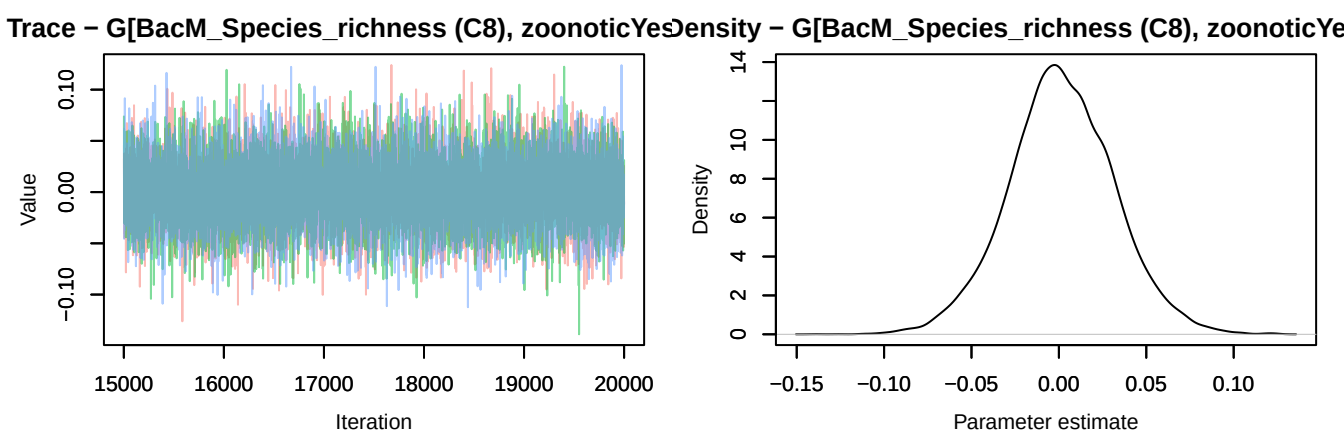

Trace − G[seasonwinter (C5), zoonoticYes (T2)]
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.0
0.0
1.0
2.0

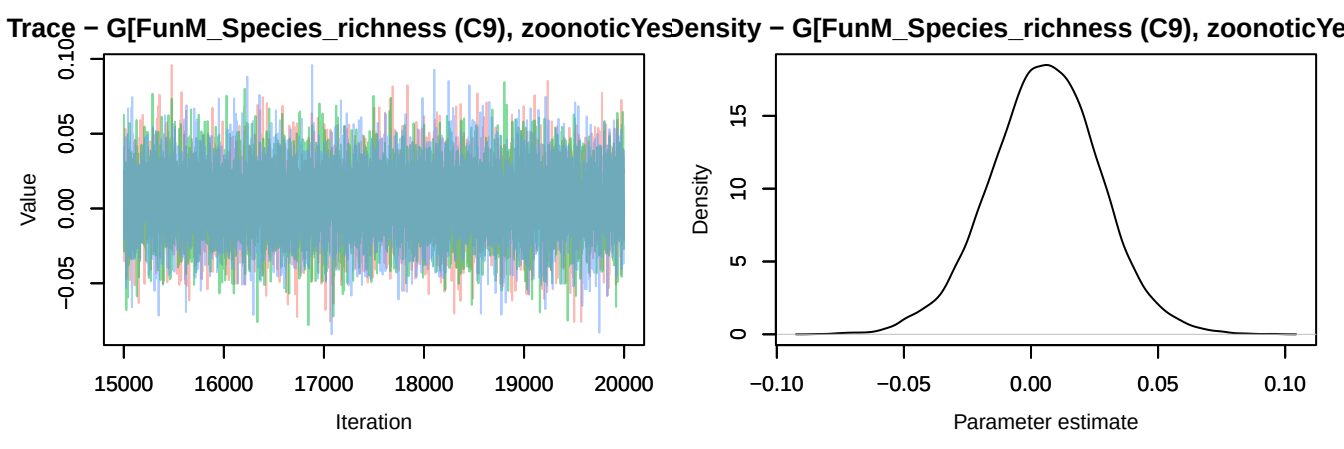

Density − G[seasonwinter (C5), zoonoticYes (T2)]
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
1.0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5

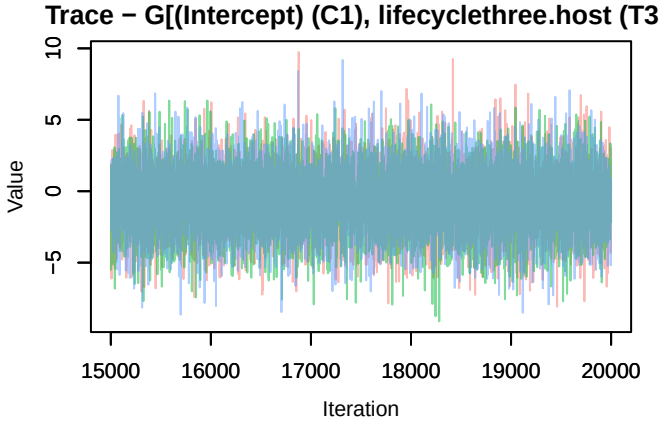

Trace − G[areaBrandenburg (C6), zoonoticYes (T2
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.0
0.0
1.0
2.0

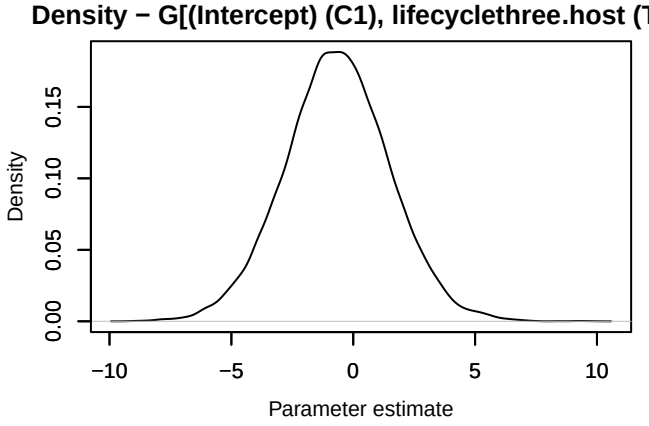

Density − G[areaBrandenburg (C6), zoonoticYes (T
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
1.0
−1
0
1
2

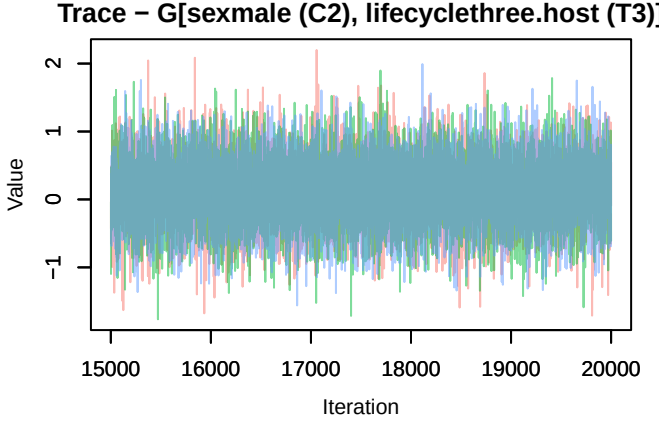

Trace − G[Diet_Species_richness (C7), zoonoticYes
Density − G[Diet_Species_richness (C7), zoonoticYes
Value
Iteration
Density
Parameter estimate

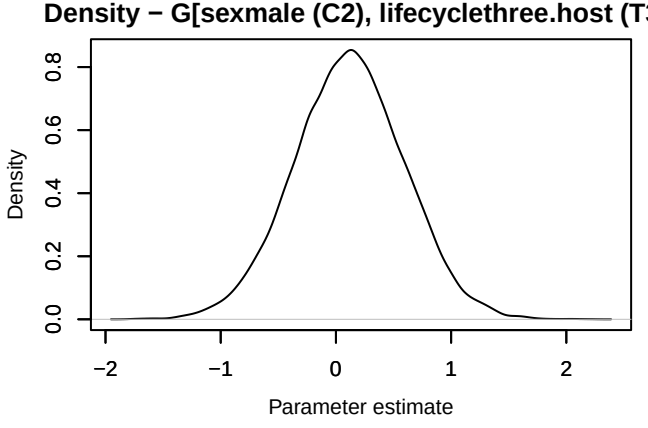

Trace − G[BacM_Species_richness (C8), zoonoticYes
Density − G[BacM_Species_richness (C8), zoonoticYe
Value
Iteration
Density
Parameter estimate

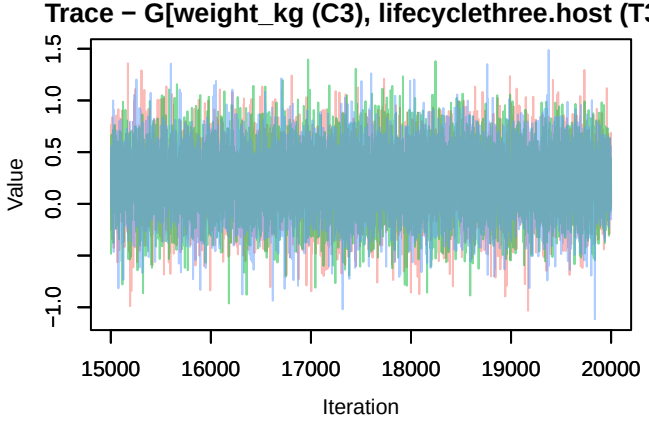

Trace − G[FunM_Species_richness (C9), zoonoticYes
Density − G[FunM_Species_richness (C9), zoonoticYe
Value
Iteration
Density
Parameter estimate

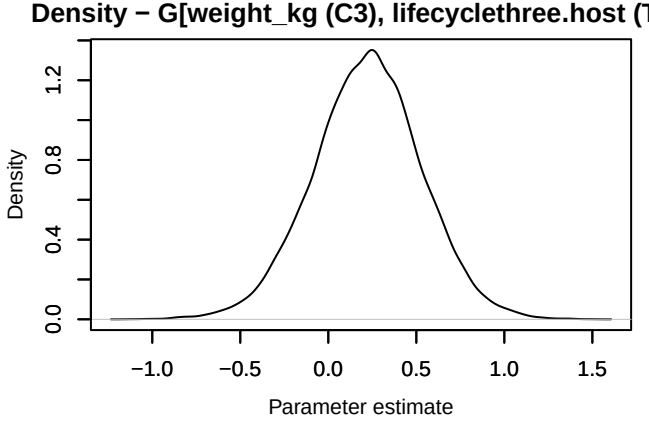

Trace − G[(Intercept) (C1), lifecyclethree.host (T3
Value
10
5
0
−5
15000
16000
17000
18000
19000
20000
Iteration

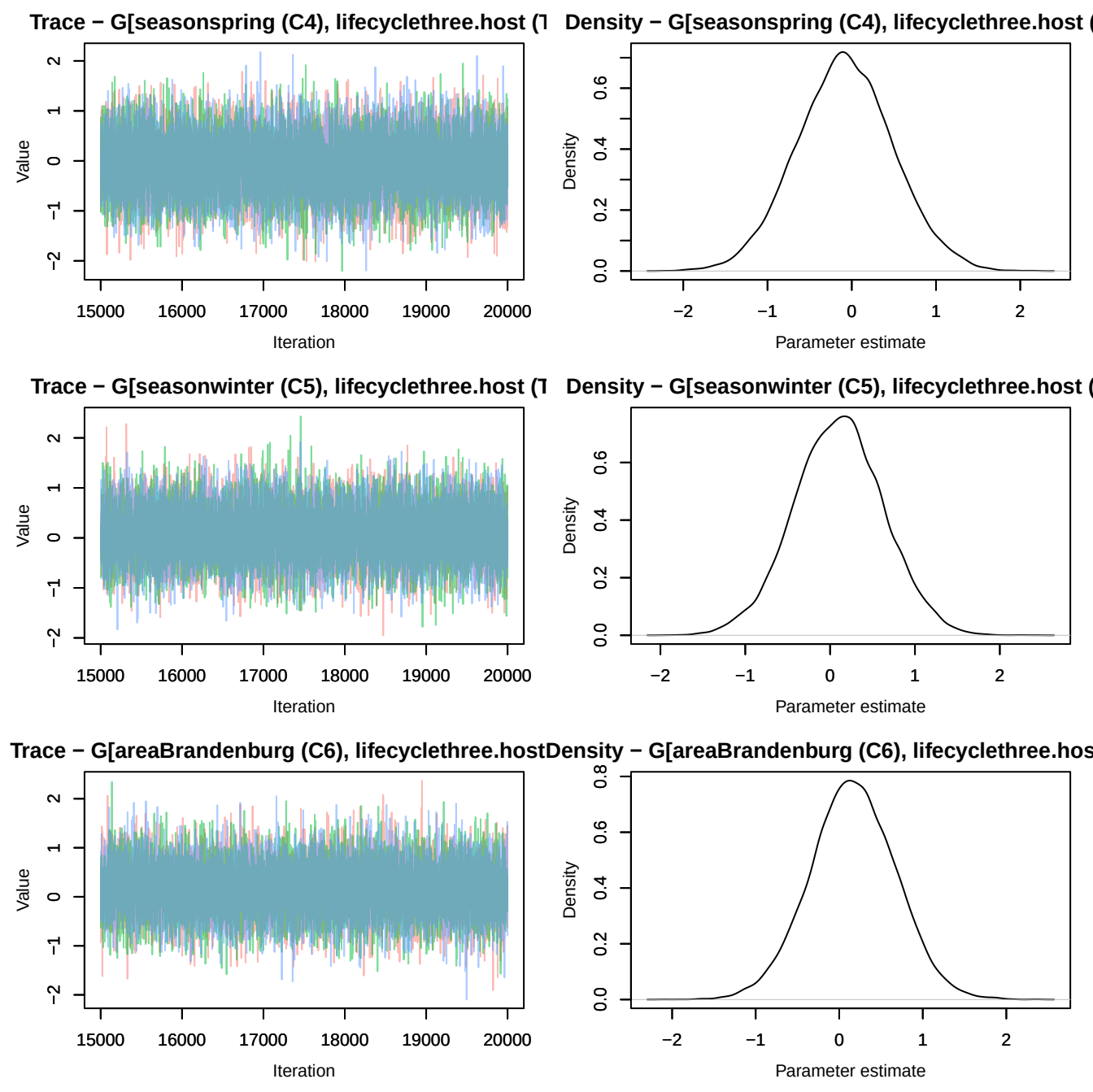

Density − G[(Intercept) (C1), lifecyclethree.host (T
Density
0.15
0.10
0.05
0.00
−10
−5
0
5
10
Parameter estimate

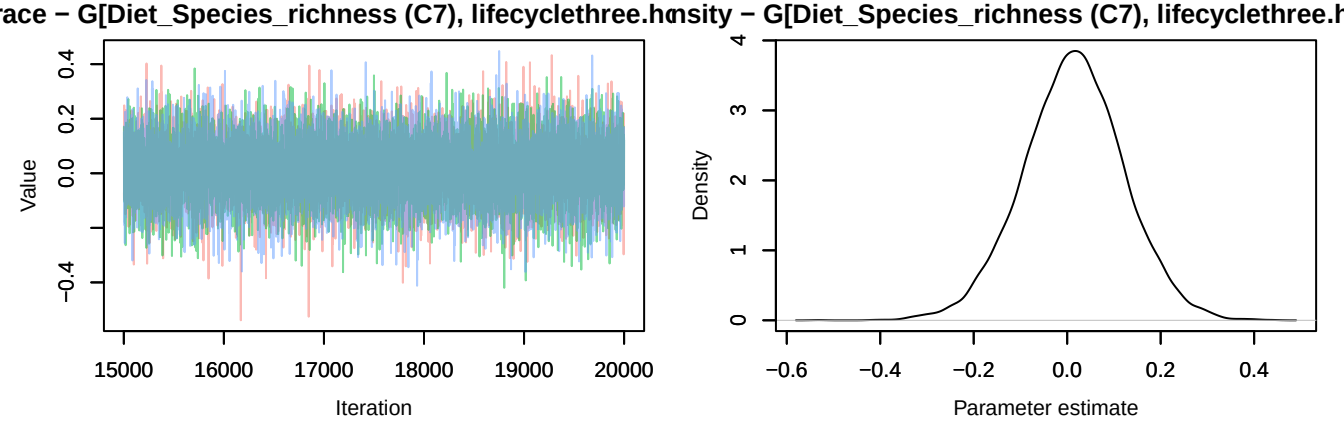

Trace − G[sexmale (C2), lifecyclethree.host (T3)
Value
2
1
0
−1
15000
16000
17000
18000
19000
20000
Iteration

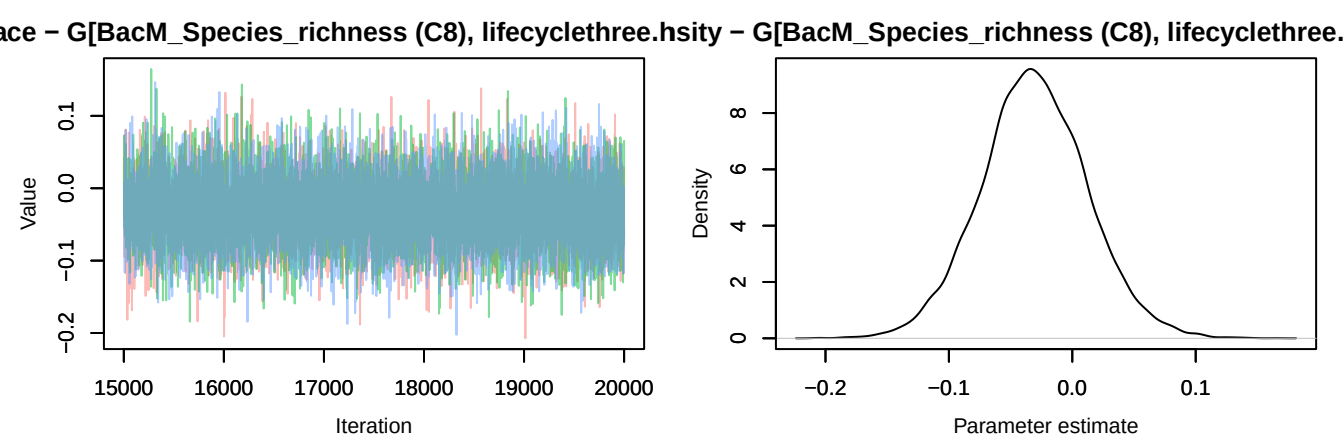

Density − G[sexmale (C2), lifecyclethree.host (T3
Density
0.8
0.6
0.4
0.2
0.0
−2
−1
0
1
2
Parameter estimate

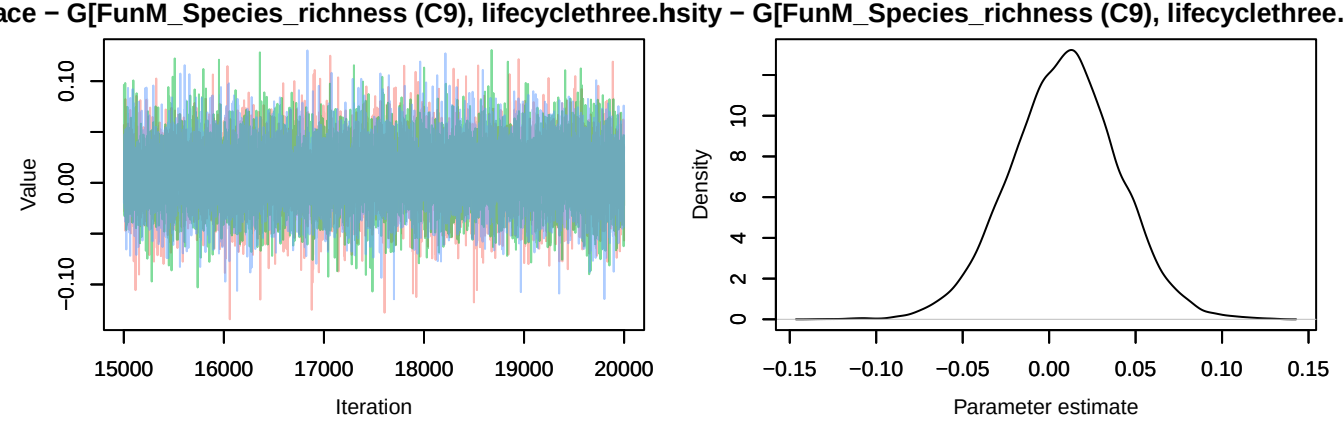

Trace − G[weight_kg (C3), lifecyclethree.host (T3
Value
1.5
1.0
0.5
0.0
−1.0
15000
16000
17000
18000
19000
20000
Iteration

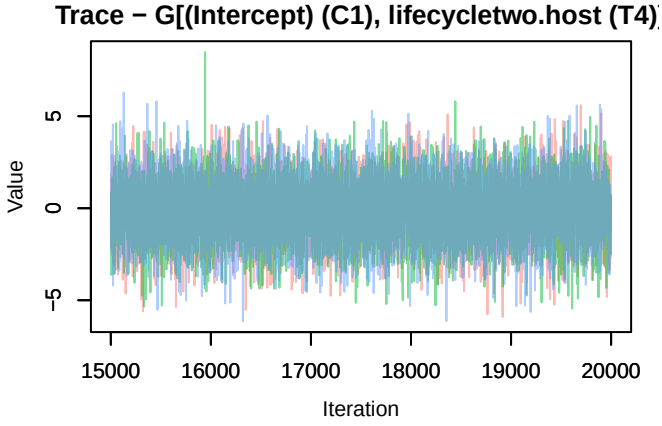

Density − G[weight_kg (C3), lifecyclethree.host (T
Density
1.2
0.8
0.4
0.0
−1.0
−0.5
0.0
0.5
1.0
1.5
Parameter estimate

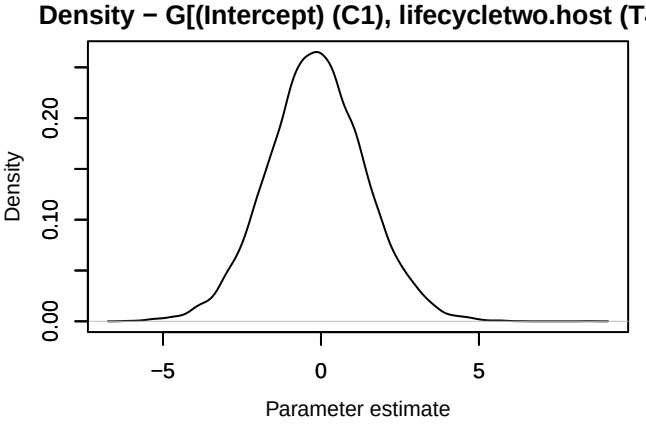

Trace − G[seasonspring (C4), lifecyclethree.host (T
Density − G[seasonspring (C4), lifecyclethree.host (
Value
Iteration
Density
Parameter estimate
Trace − G[seasonwinter (C5), lifecyclethree.host (T
Density − G[seasonwinter (C5), lifecyclethree.host (
Value
Iteration
Density
Parameter estimate
Trace − G[areaBrandenburg (C6), lifecyclethree.host
Density − G[areaBrandenburg (C6), lifecyclethree.hos
Value
Iteration
Density
Parameter estimate

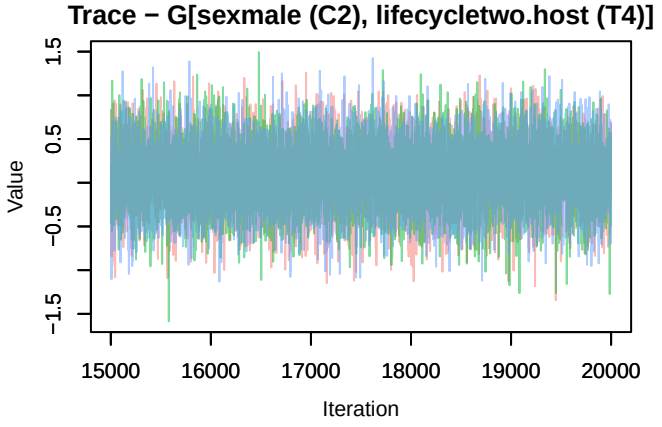

race − G[Diet_Species_richness (C7), lifecyclethree.h
nsity − G[Diet_Species_richness (C7), lifecyclethree.h
Value
Iteration
Density
Parameter estimate

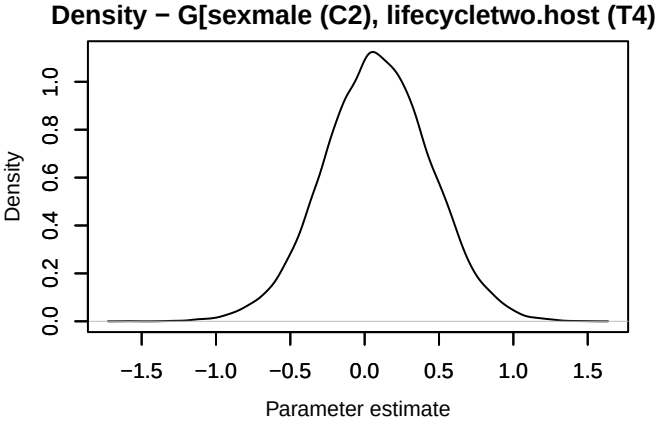

ace − G[BacM_Species_richness (C8), lifecyclethree.hsity − G[BacM_Species_richness (C8), lifecyclethree.
Value
Iteration
Density
Parameter estimate

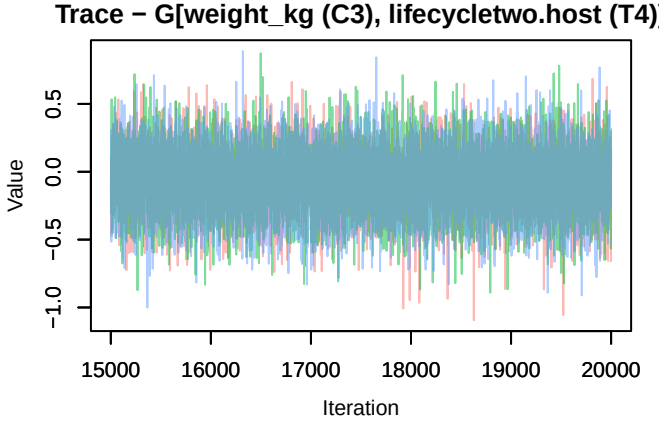

ace − G[FunM_Species_richness (C9), lifecyclethree.hsity − G[FunM_Species_richness (C9), lifecyclethree.
Value
Iteration
Density
Parameter estimate

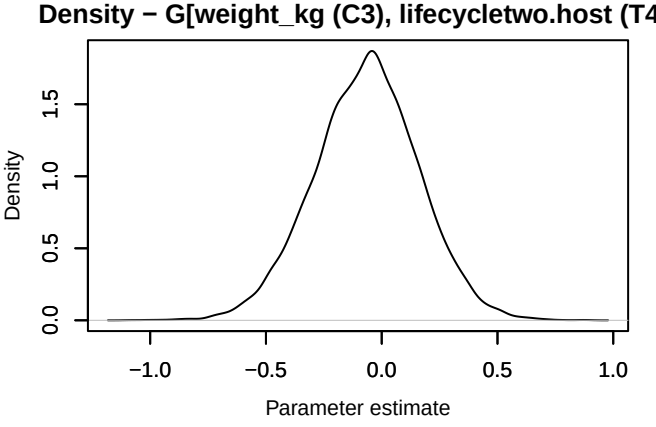

Trace − G[(Intercept) (C1), lifecycletwo.host (T4)]
Value
5
0
−5
15000
16000
17000
18000
19000
20000
Iteration

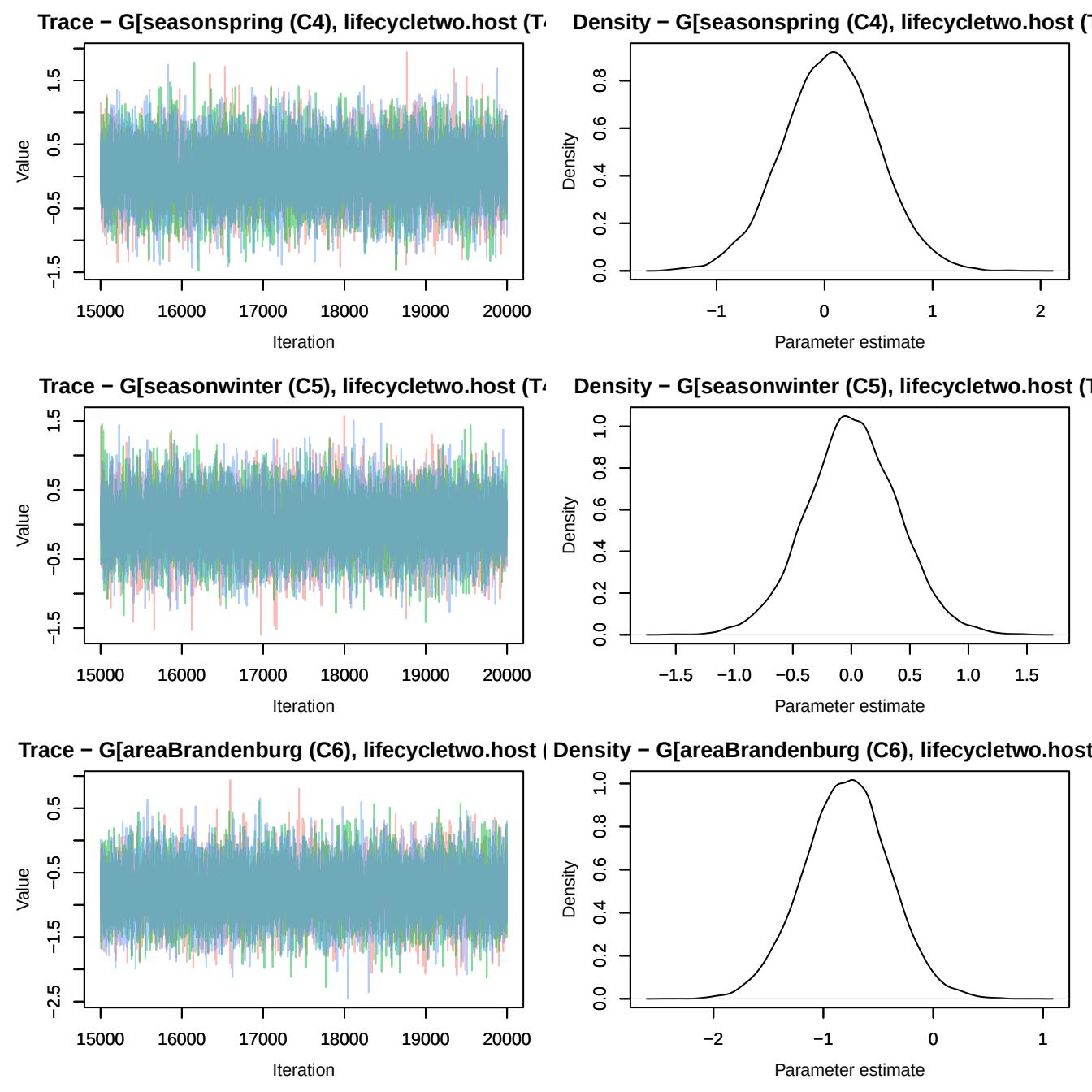

Density − G[(Intercept) (C1), lifecycletwo.host (T4
Density
0.20
0.10
0.00
−5
0
5
Parameter estimate

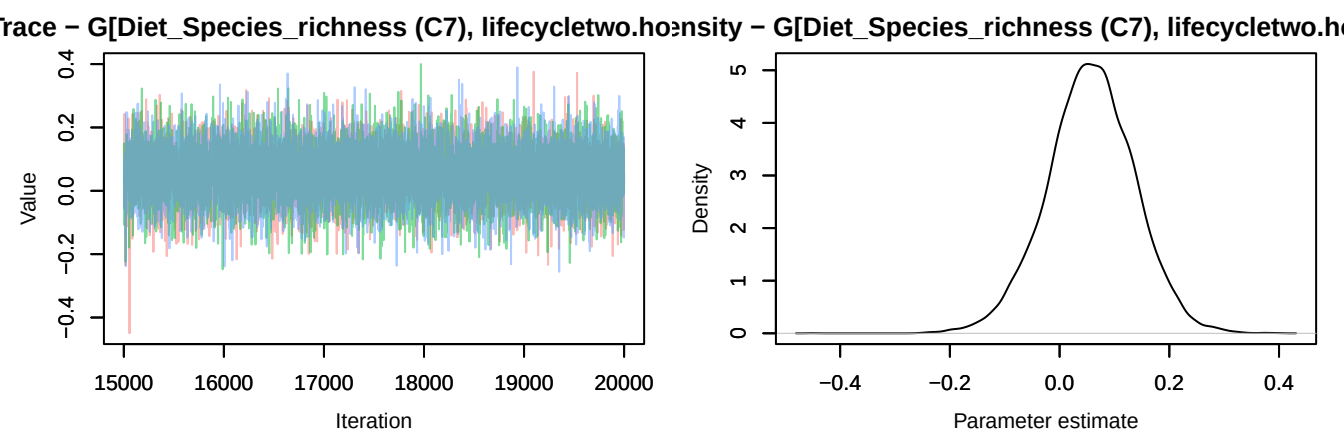

Trace − G[sexmale (C2), lifecycletwo.host (T4)]
Value
1.5
0.5
−0.5
−1.5
15000
16000
17000
18000
19000
20000
Iteration

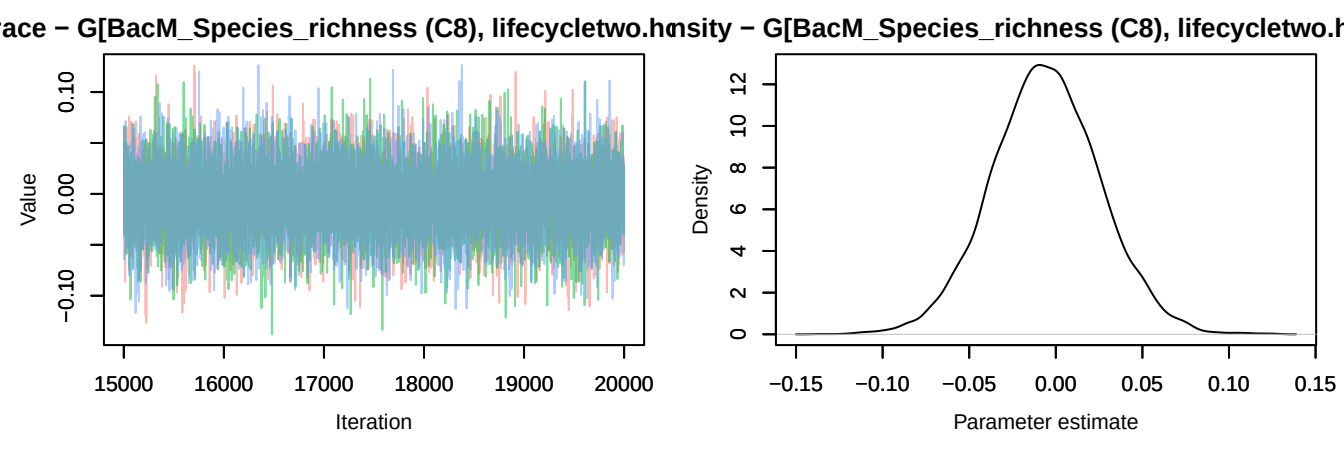

Density − G[sexmale (C2), lifecycletwo.host (T4)
Density
1.0
0.8
0.6
0.4
0.2
0.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
Parameter estimate

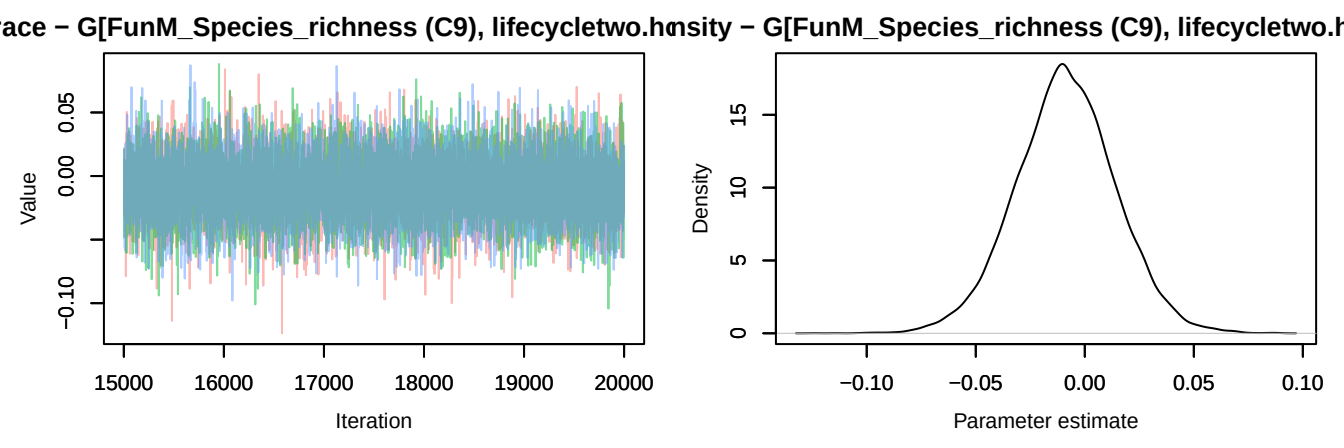

Trace − G[weight_kg (C3), lifecycletwo.host (T4)]
Value
0.5
0.0
−0.5
−1.0
15000
16000
17000
18000
19000
20000
Iteration

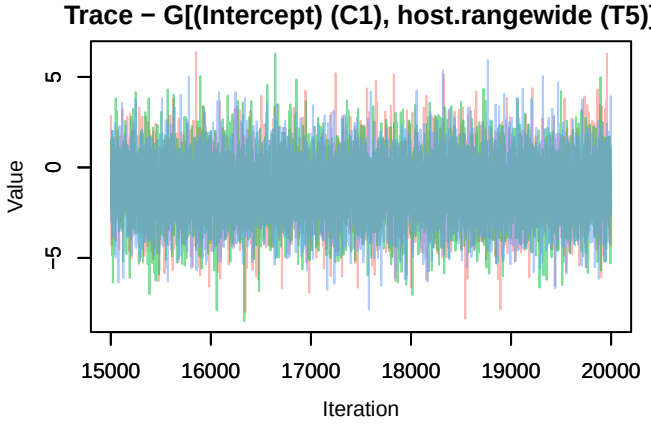

Density − G[weight_kg (C3), lifecycletwo.host (T4
Density
1.5
1.0
0.5
0.0
−1.0
−0.5
0.0
0.5
1.0
Parameter estimate

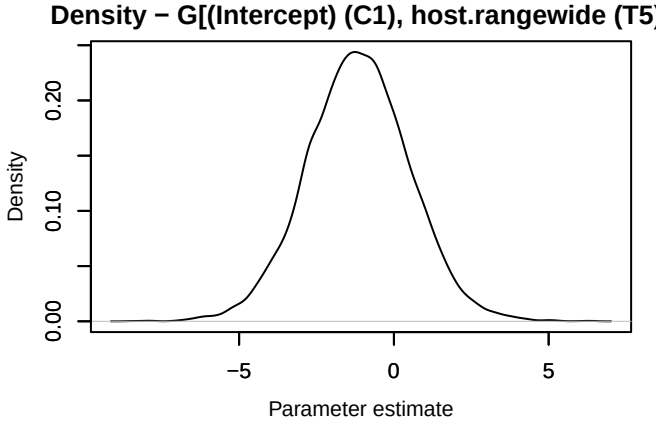

Trace − G[seasonspring (C4), lifecycletwo.host (T
Value
Iteration
Density − G[seasonspring (C4), lifecycletwo.host (T
Density
Parameter estimate
Trace − G[seasonwinter (C5), lifecycletwo.host (T
Value
Iteration
Density − G[seasonwinter (C5), lifecycletwo.host (T
Density
Parameter estimate
Trace − G[areaBrandenburg (C6), lifecycletwo.host (
Value
Iteration
Density − G[areaBrandenburg (C6), lifecycletwo.host
Density
Parameter estimate

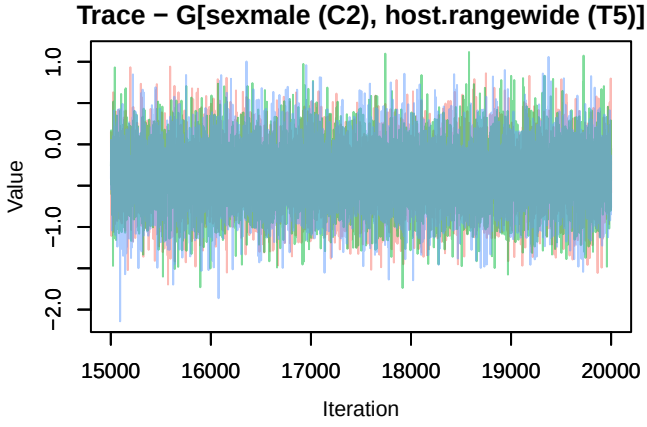

Trace − G[Diet_Species_richness (C7), lifecycletwo.ho
nsity − G[Diet_Species_richness (C7), lifecycletwo.h
Value
Iteration
Density
Parameter estimate

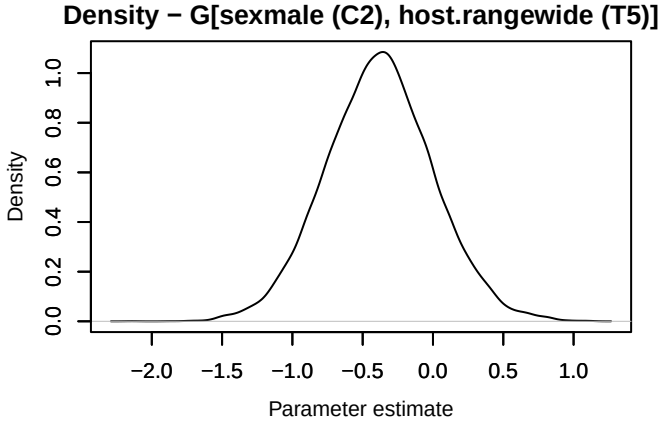

race − G[BacM_Species_richness (C8), lifecycletwo.ho
nsity − G[BacM_Species_richness (C8), lifecycletwo.h
Value
Iteration
Density
Parameter estimate

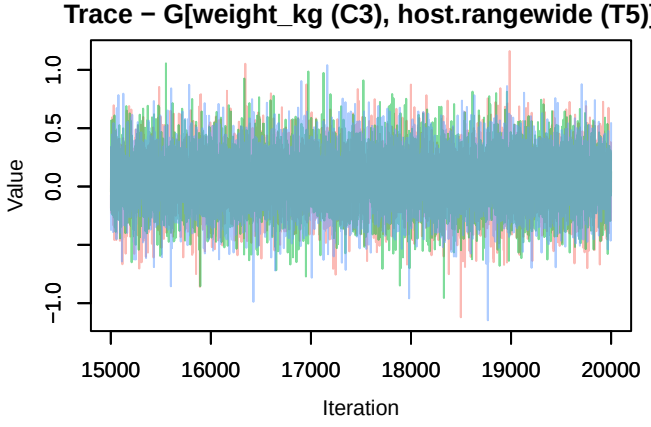

race − G[FunM_Species_richness (C9), lifecycletwo.ho
nsity − G[FunM_Species_richness (C9), lifecycletwo.h
Value
Iteration
Density
Parameter estimate

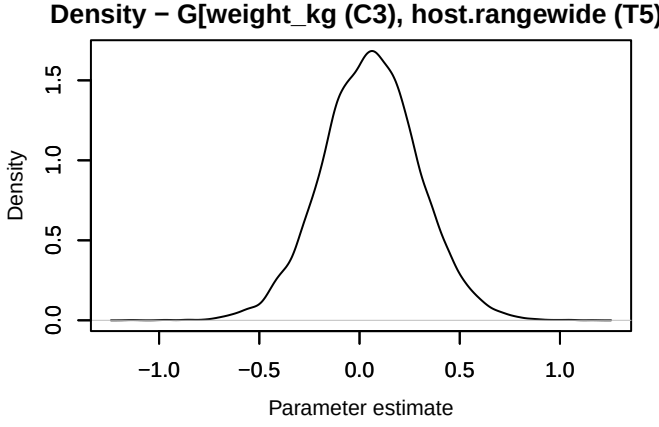

Trace − G[(Intercept) (C1), host.rangewide (T5)]
Value
5
0
−5
15000
16000
17000
18000
19000
20000
Iteration

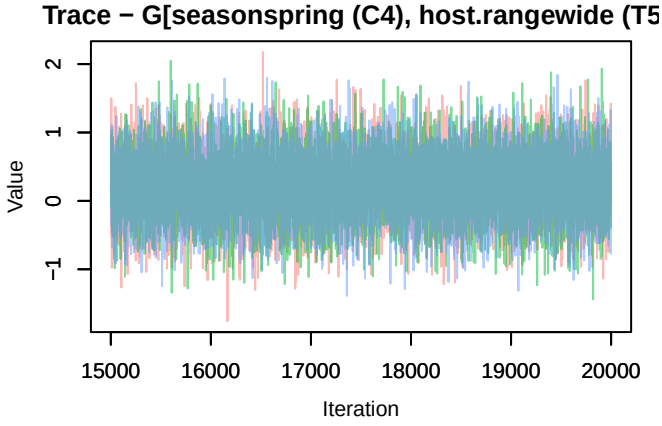

Density − G[(Intercept) (C1), host.rangewide (T5)]
Density
0.20
0.10
0.00
−5
0
5
Parameter estimate

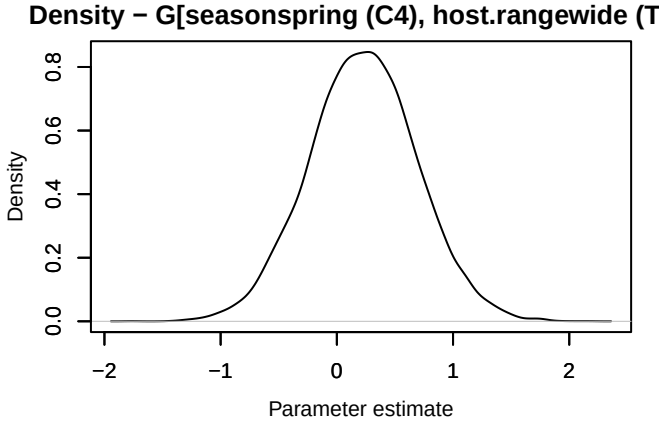

Trace − G[sexmale (C2), host.rangewide (T5)]
Value
1.0
0.0
−1.0
−2.0
15000
16000
17000
18000
19000
20000
Iteration

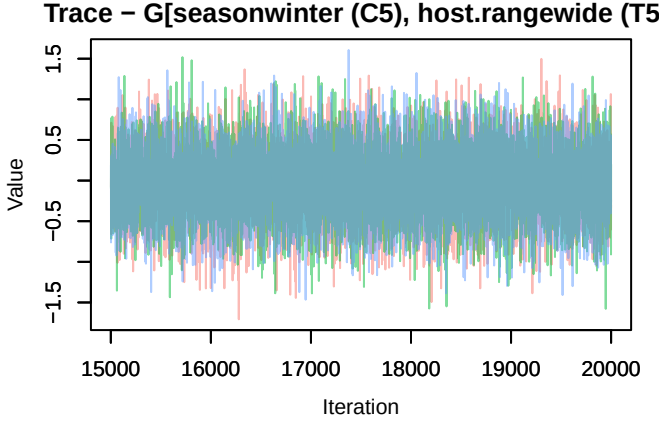

Density − G[sexmale (C2), host.rangewide (T5)]
Density
1.0
0.8
0.6
0.4
0.2
0.0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
Parameter estimate

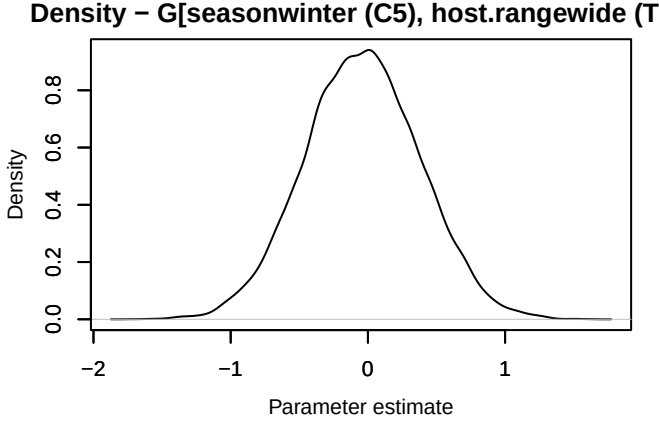

Trace − G[weight_kg (C3), host.rangewide (T5)]
Value
1.0
0.5
0.0
−1.0
15000
16000
17000
18000
19000
20000
Iteration

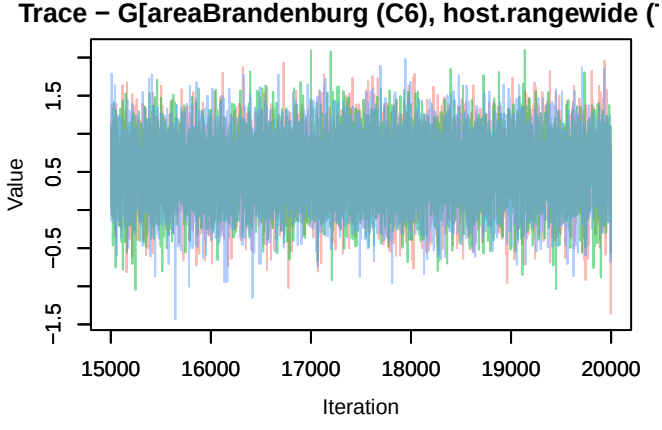

Density − G[weight_kg (C3), host.rangewide (T5)]
Density
1.5
1.0
0.5
0.0
−1.0
−0.5
0.0
0.5
1.0
Parameter estimate

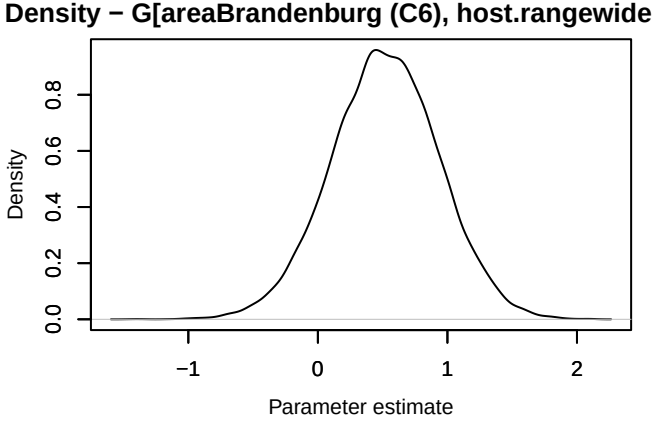

Trace − G[seasonspring (C4), host.rangewide (T5
Value
Iteration
15000
16000
17000
18000
19000
20000
−1
0
1
2

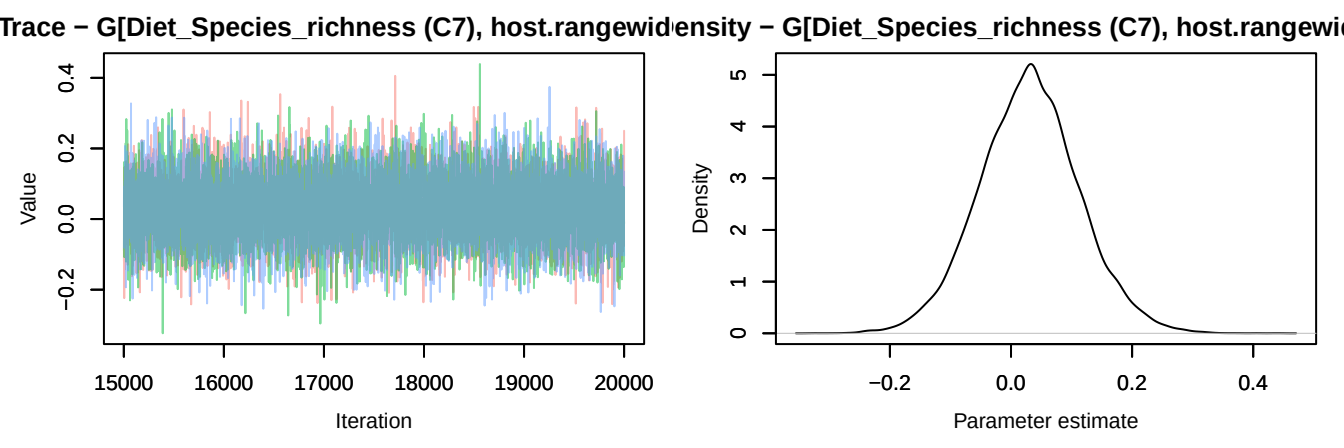

Density − G[seasonspring (C4), host.rangewide (T
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
−2
−1
0
1
2

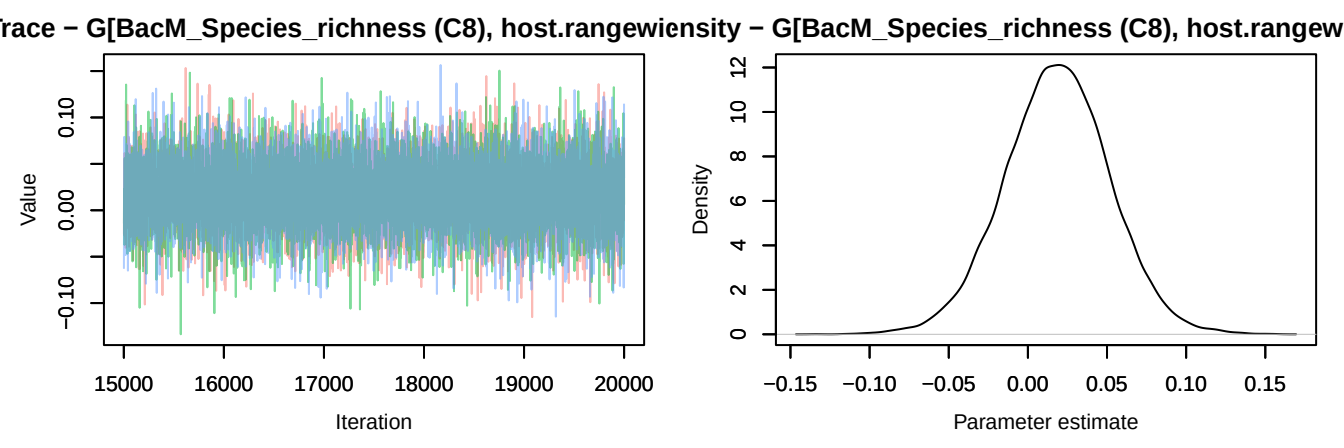

Trace − G[seasonwinter (C5), host.rangewide (T5
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.5
−0.5
0.5
1.5

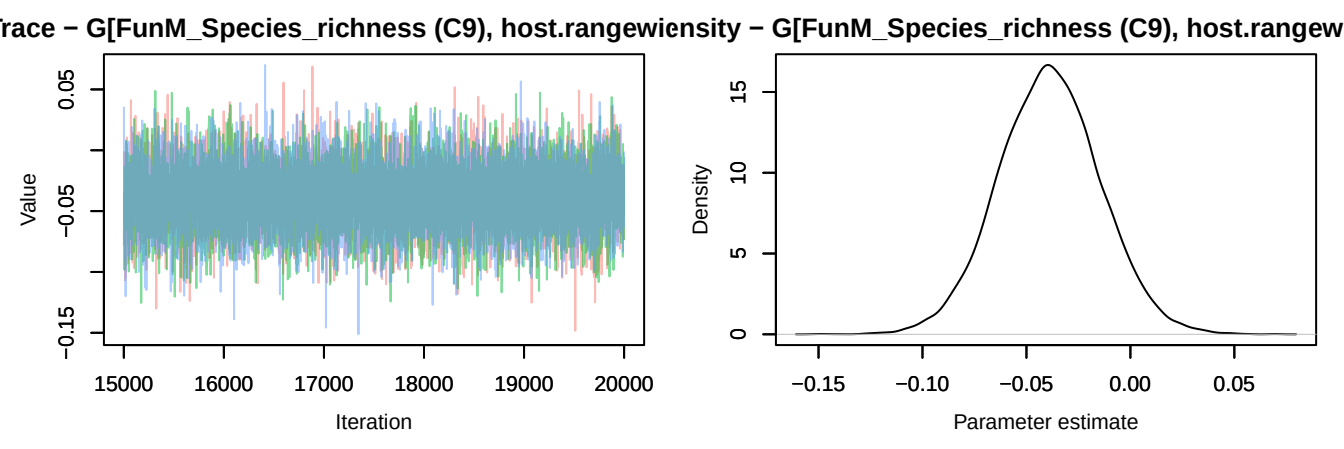

Density − G[seasonwinter (C5), host.rangewide (T
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
−2
−1
0
1


Trace − G[areaBrandenburg (C6), host.rangewide (
Value
Iteration
15000
16000
17000
18000
19000
20000
−1.5
−0.5
0.5
1.5


Density − G[areaBrandenburg (C6), host.rangewide
Density
Parameter estimate
0.0
0.2
0.4
0.6
0.8
−1
0
1
2


Trace − G[Diet_Species_richness (C7), host.rangewid
ensity − G[Diet_Species_richness (C7), host.rangewi
Value
Iteration
Density
Parameter estimate


Trace − G[BacM_Species_richness (C8), host.rangewi
ensity − G[BacM_Species_richness (C8), host.rangew
Value
Iteration
Density
Parameter estimate


Trace − G[FunM_Species_richness (C9), host.rangewi
ensity − G[FunM_Species_richness (C9), host.rangew
Value
Iteration
Density
Parameter estimate