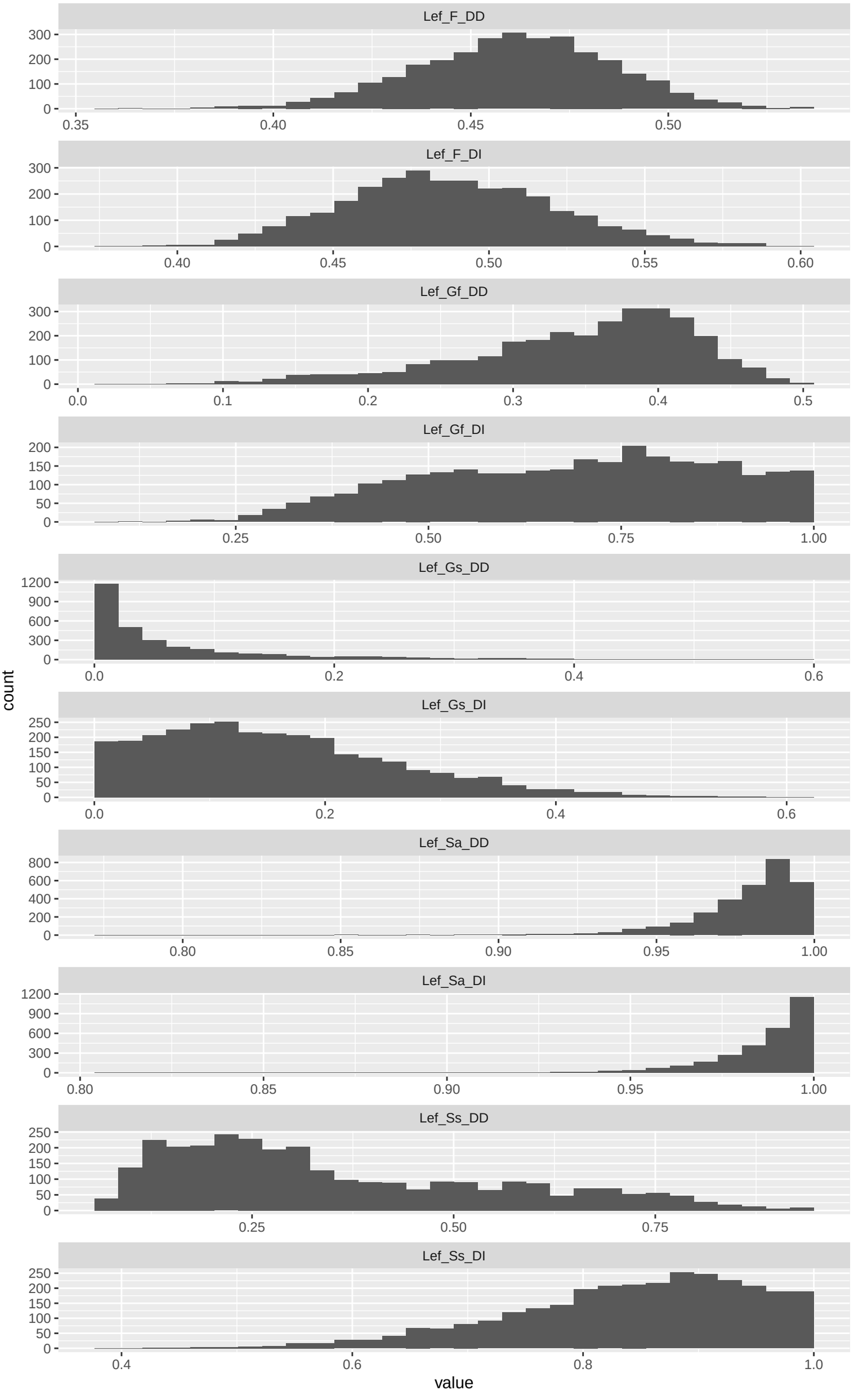
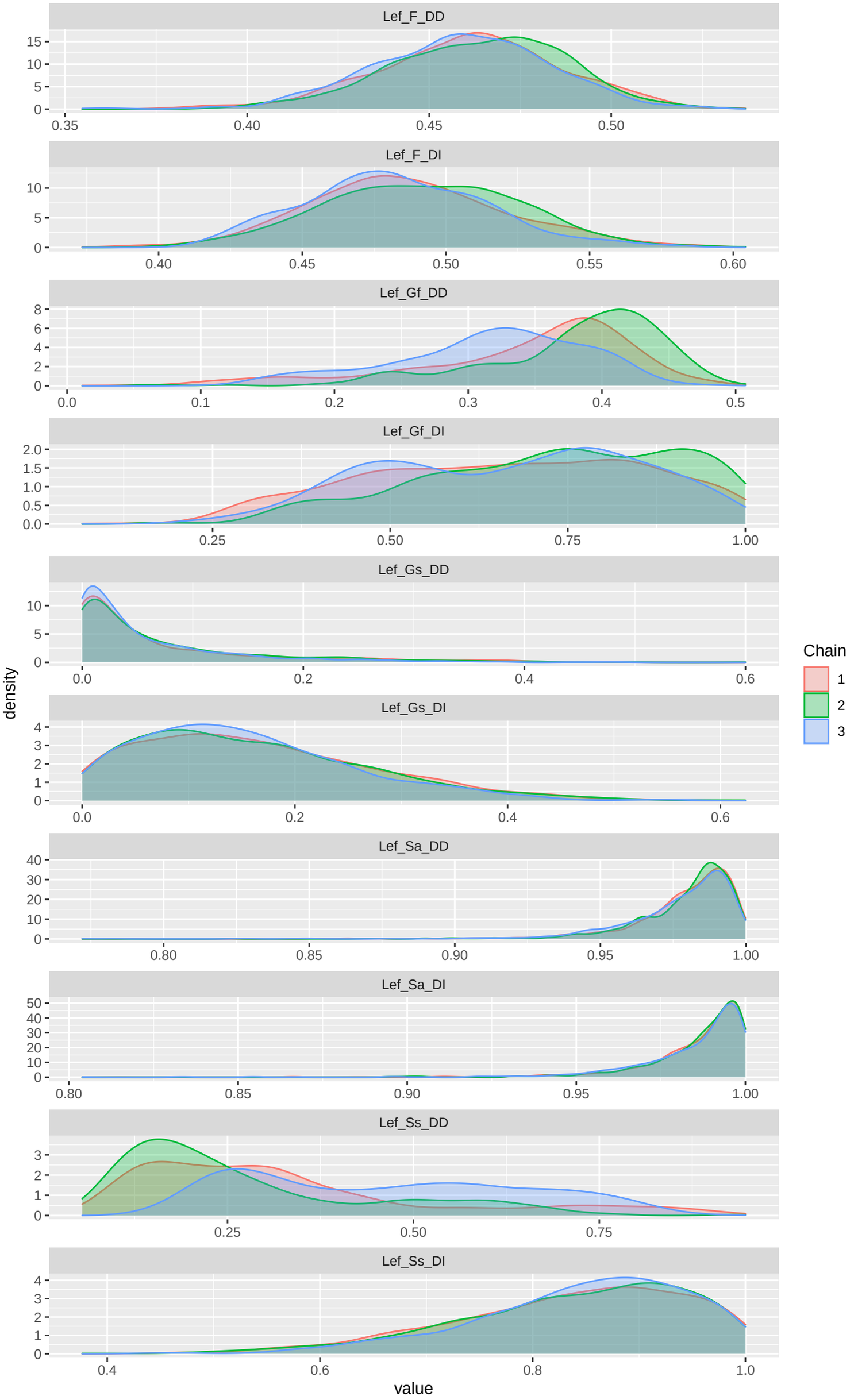
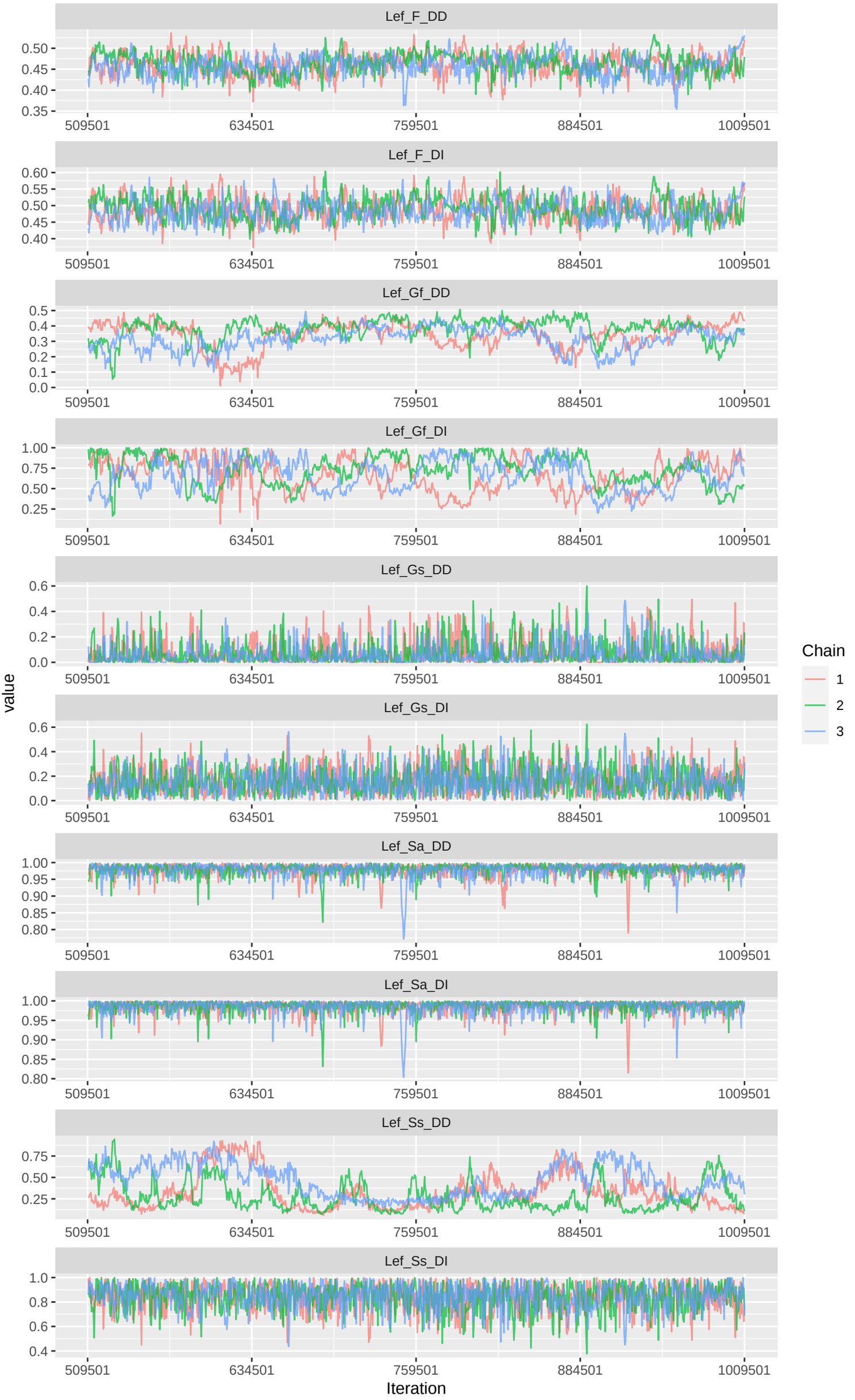
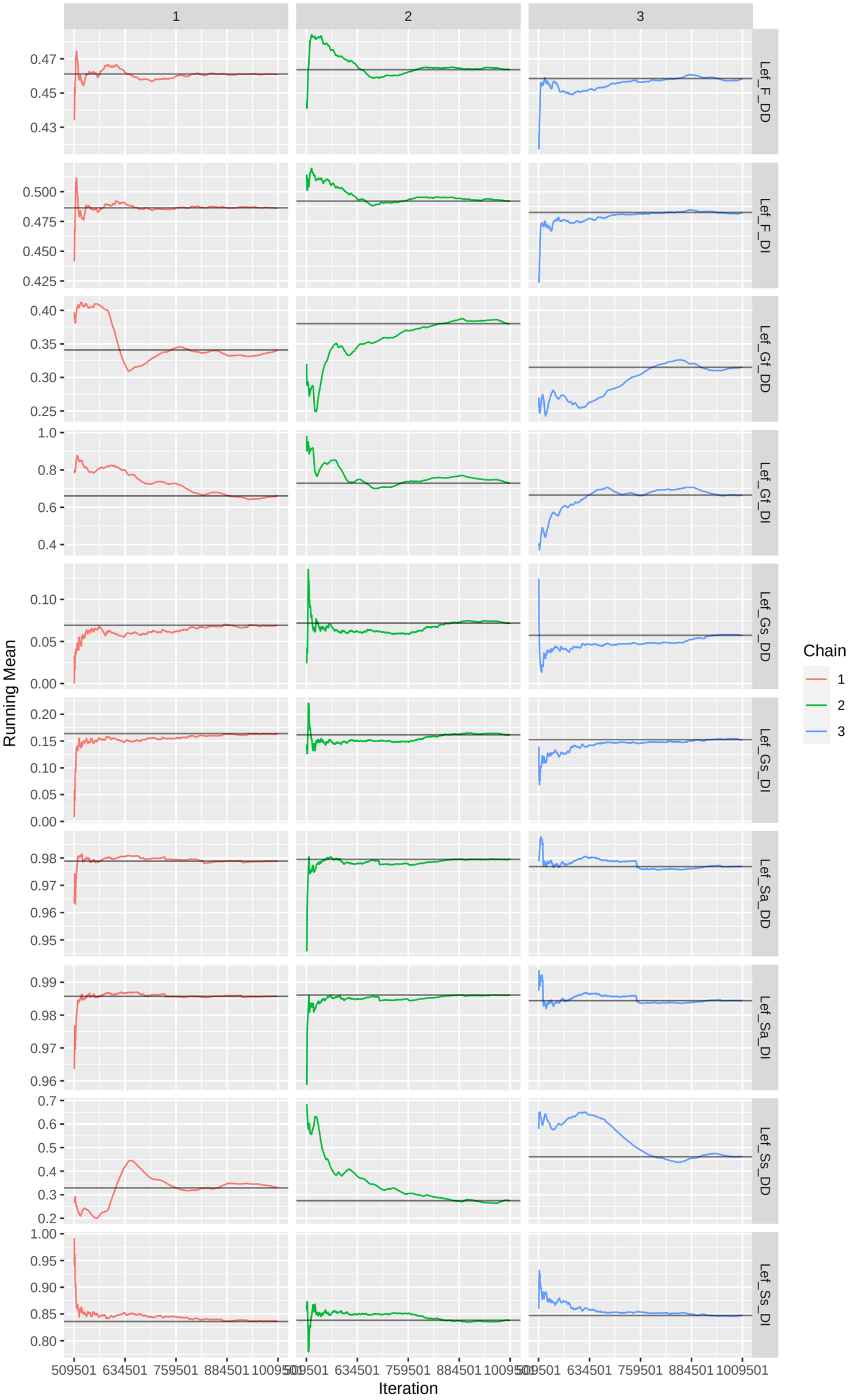
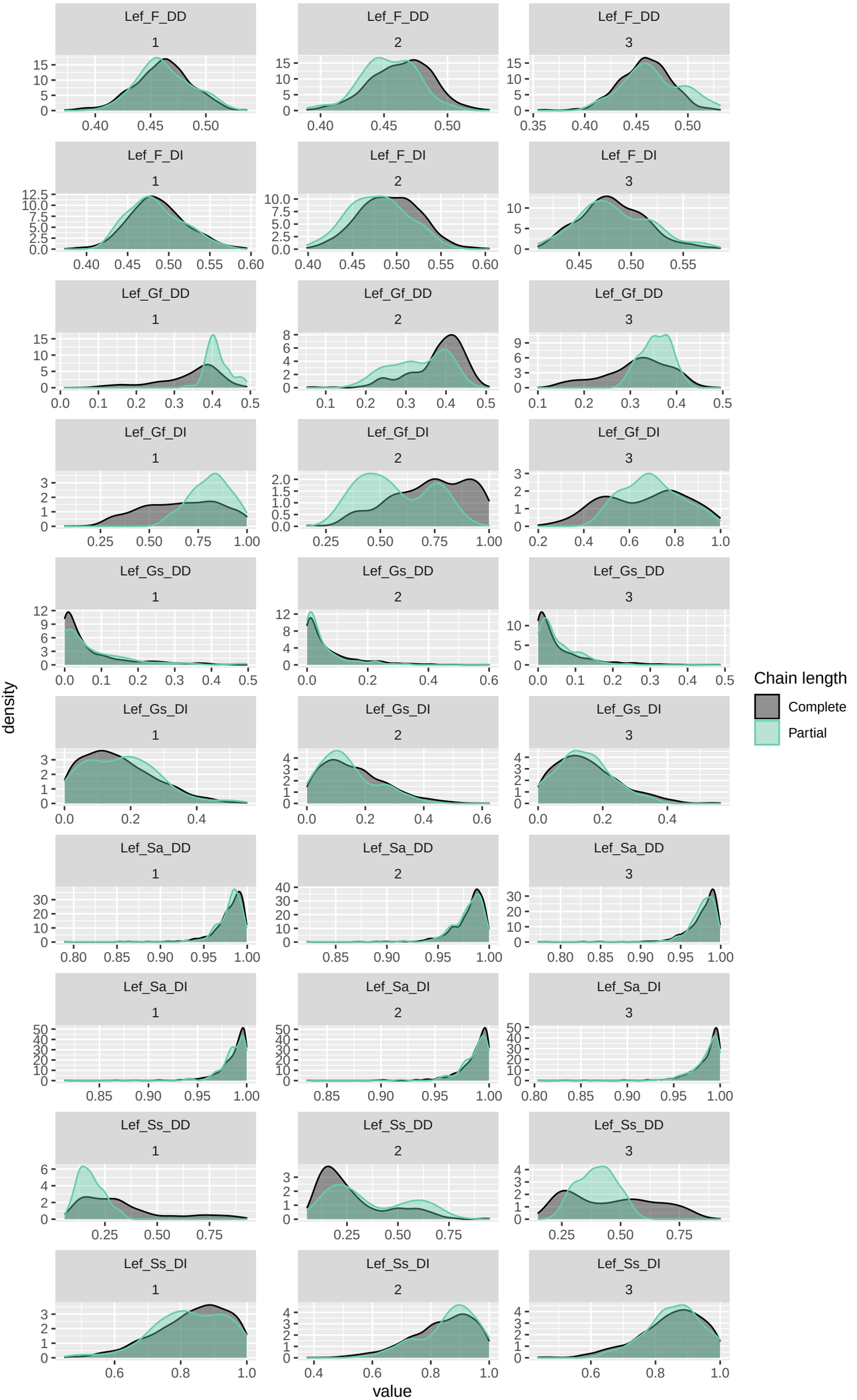
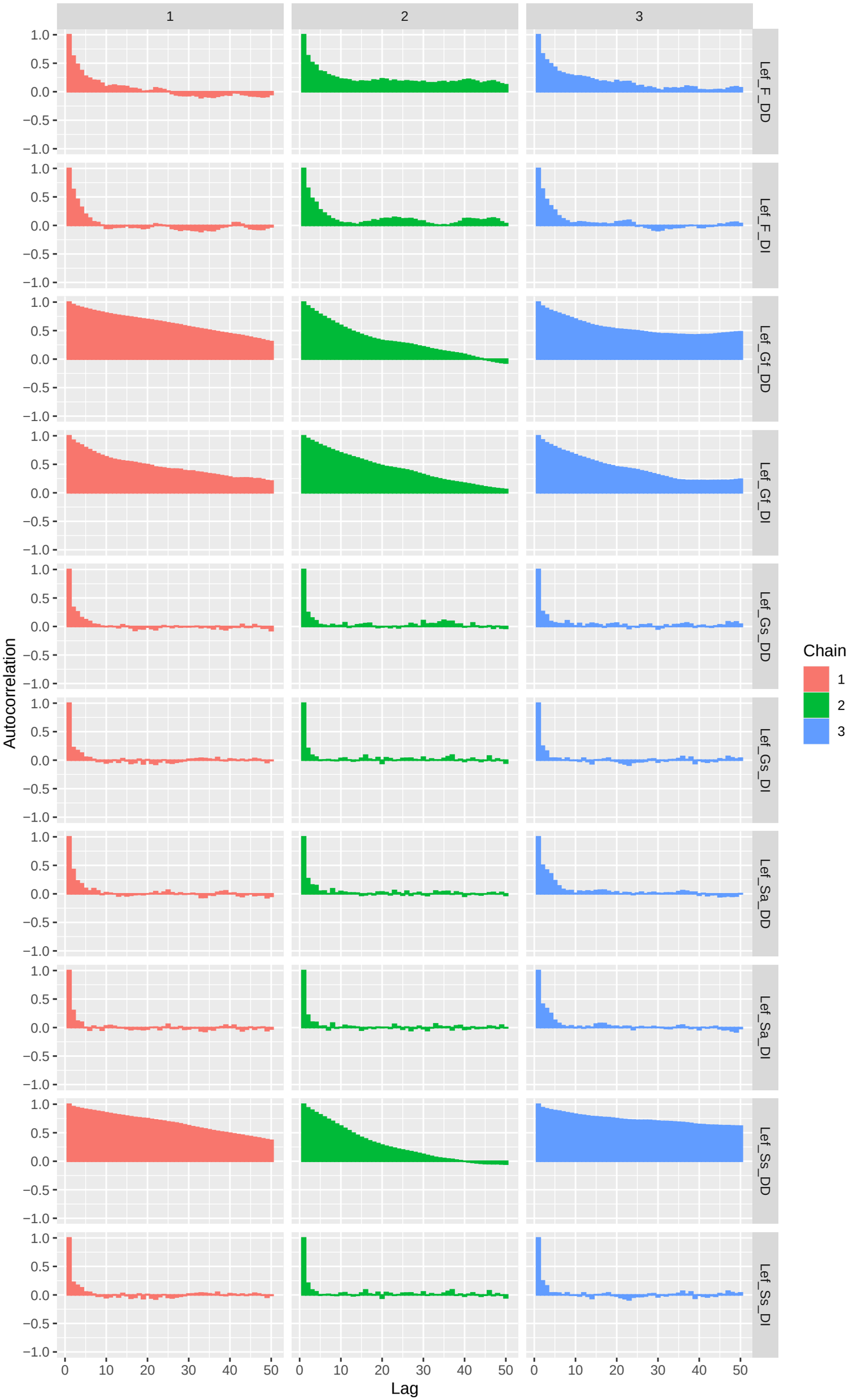

Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
count
value

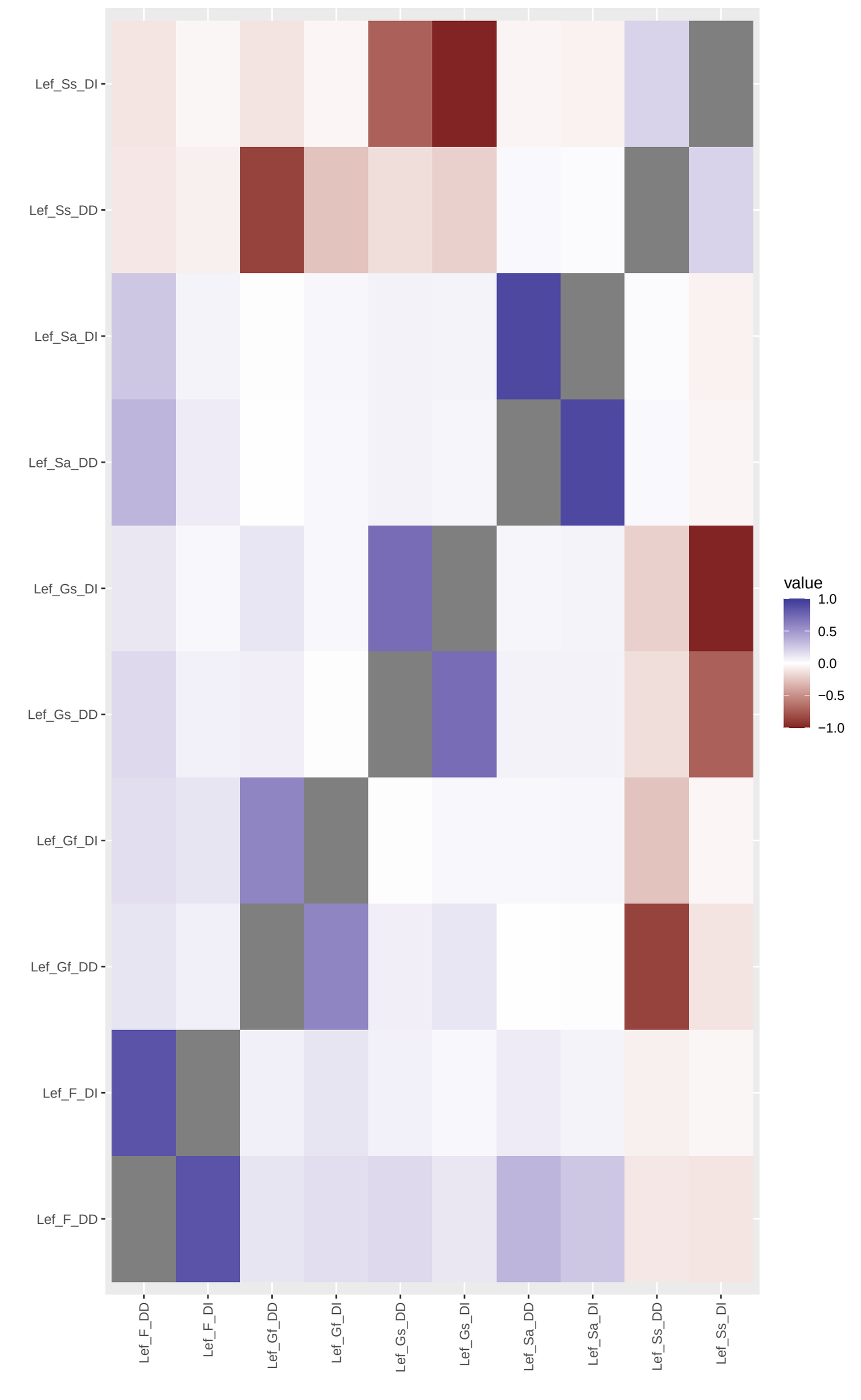

Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
density
value
Chain
1
2
3

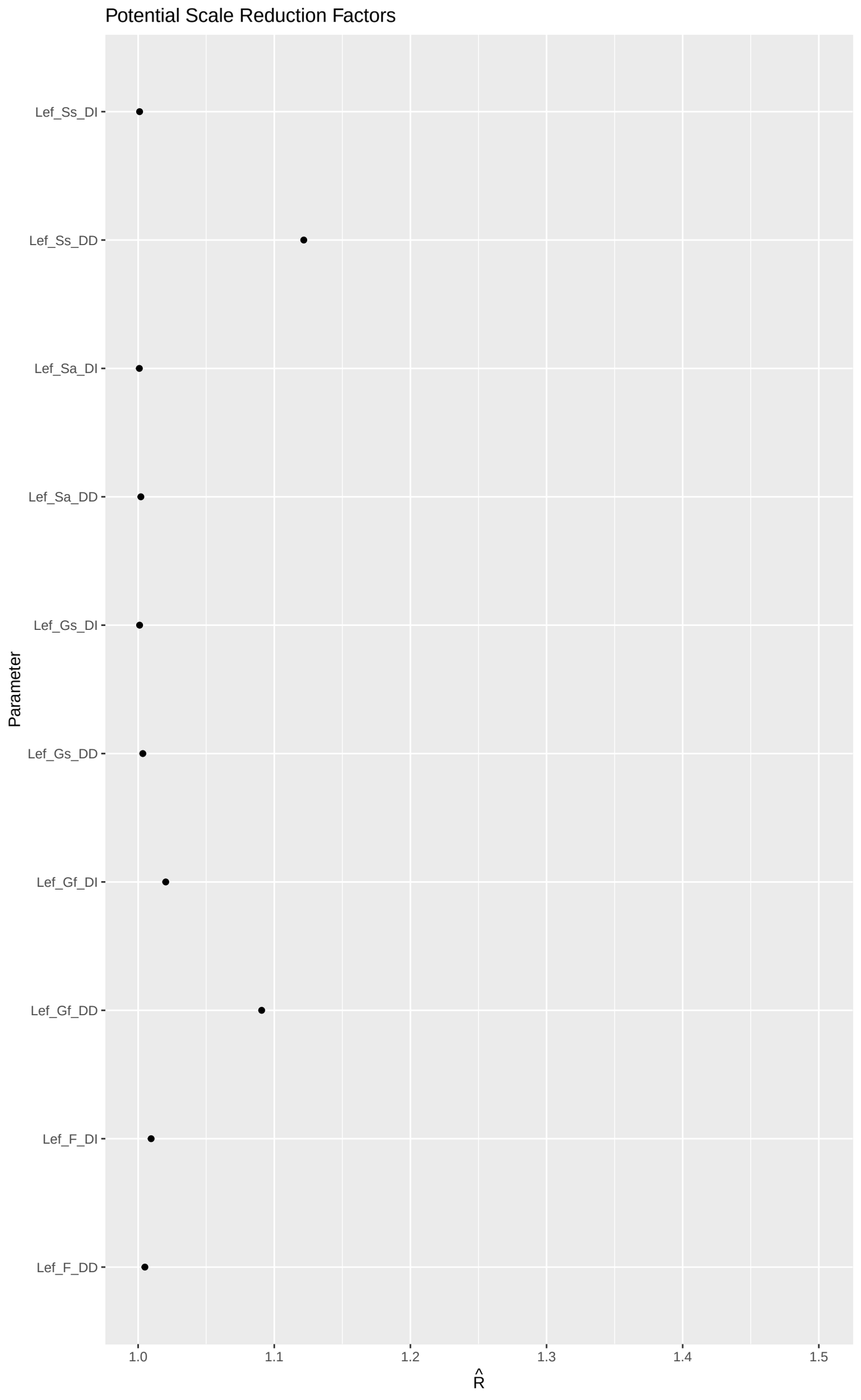

Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
509501
634501
759501
884501
1009501
value
Iteration
Chain
1
2
3

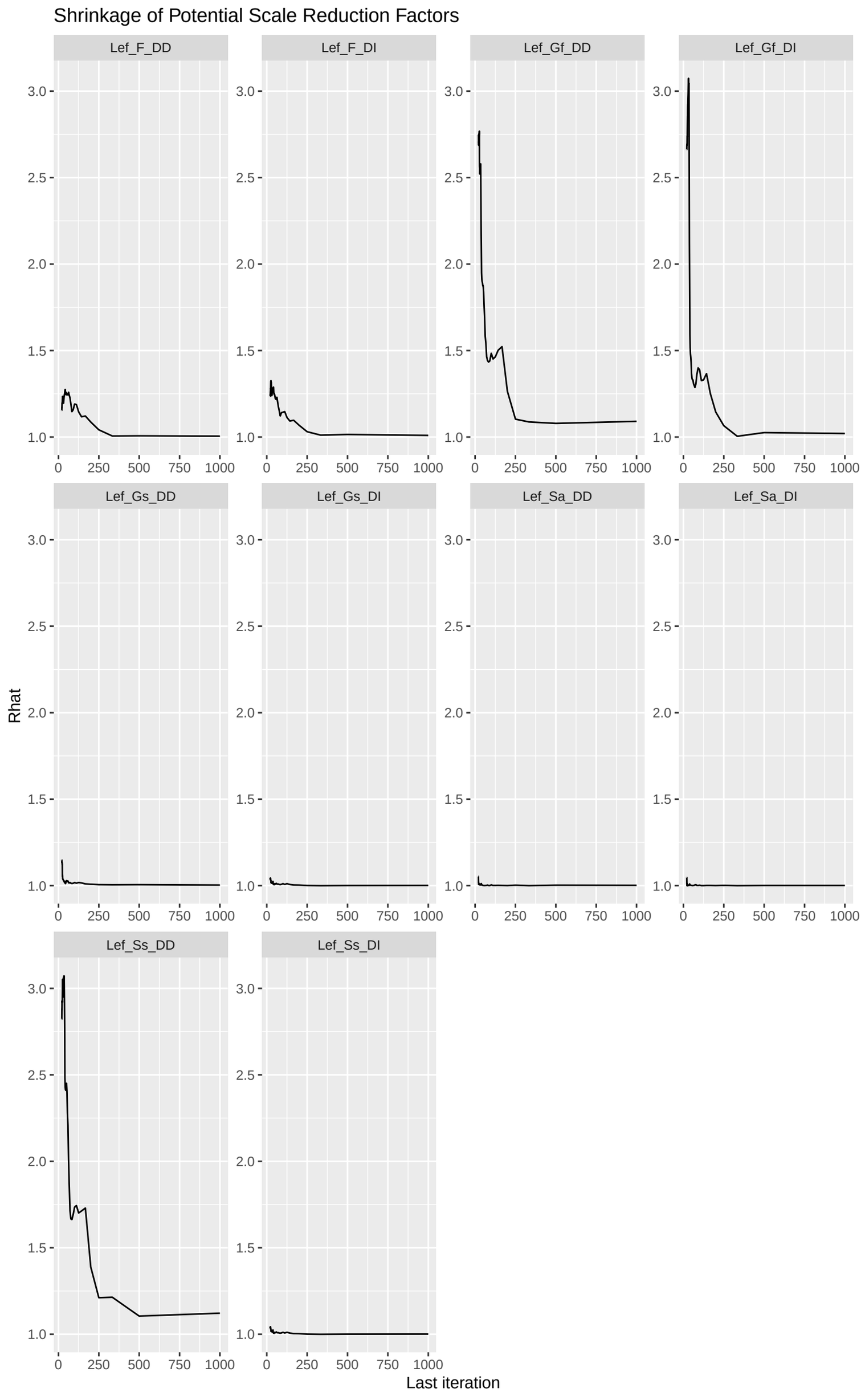

1
2
3
Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
Running Mean
Iteration
509501
634501
759501
884501
1009501
Chain
1
2
3

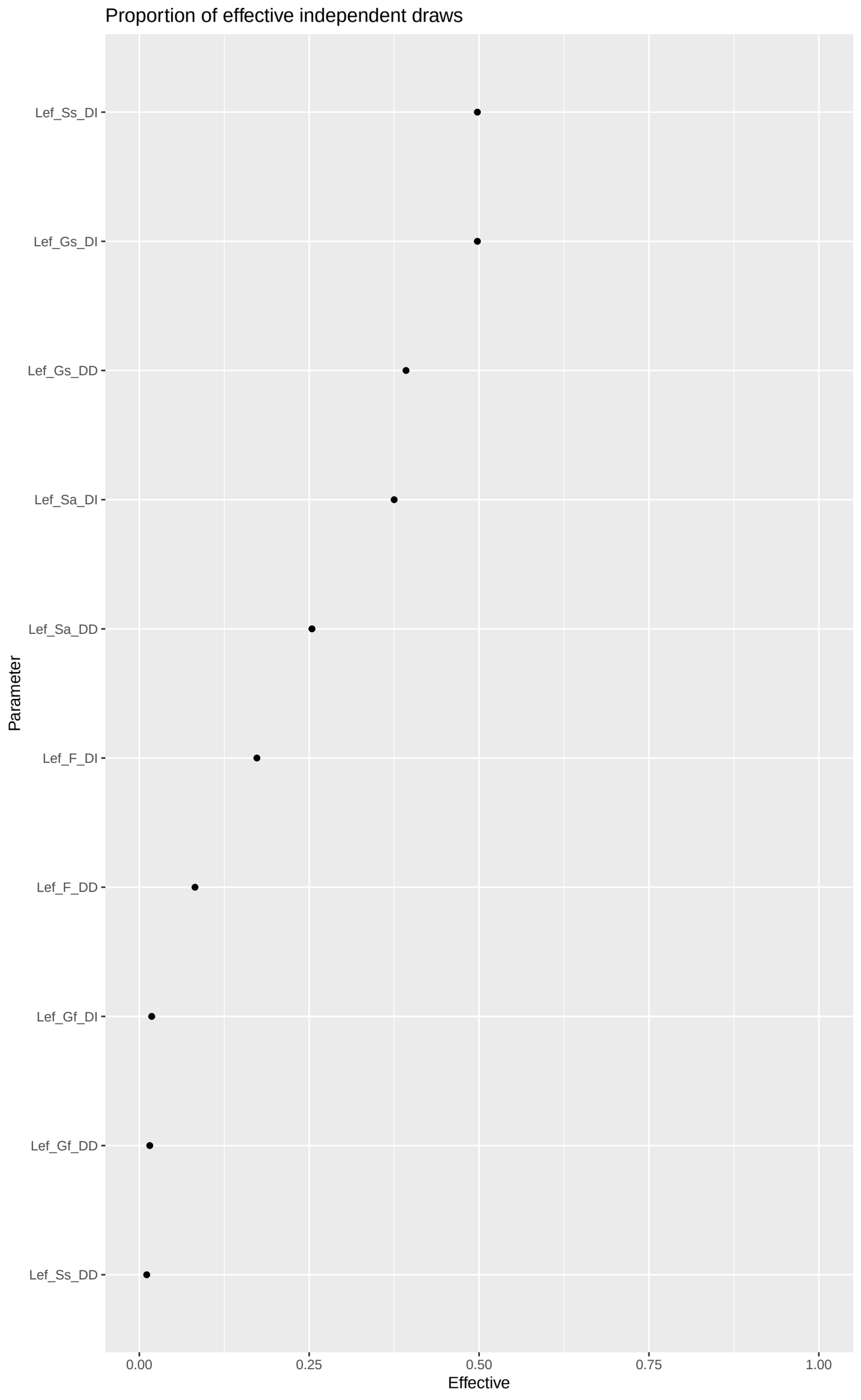

Lef_F_DD
1
2
3
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
density
value
Chain length
Complete
Partial

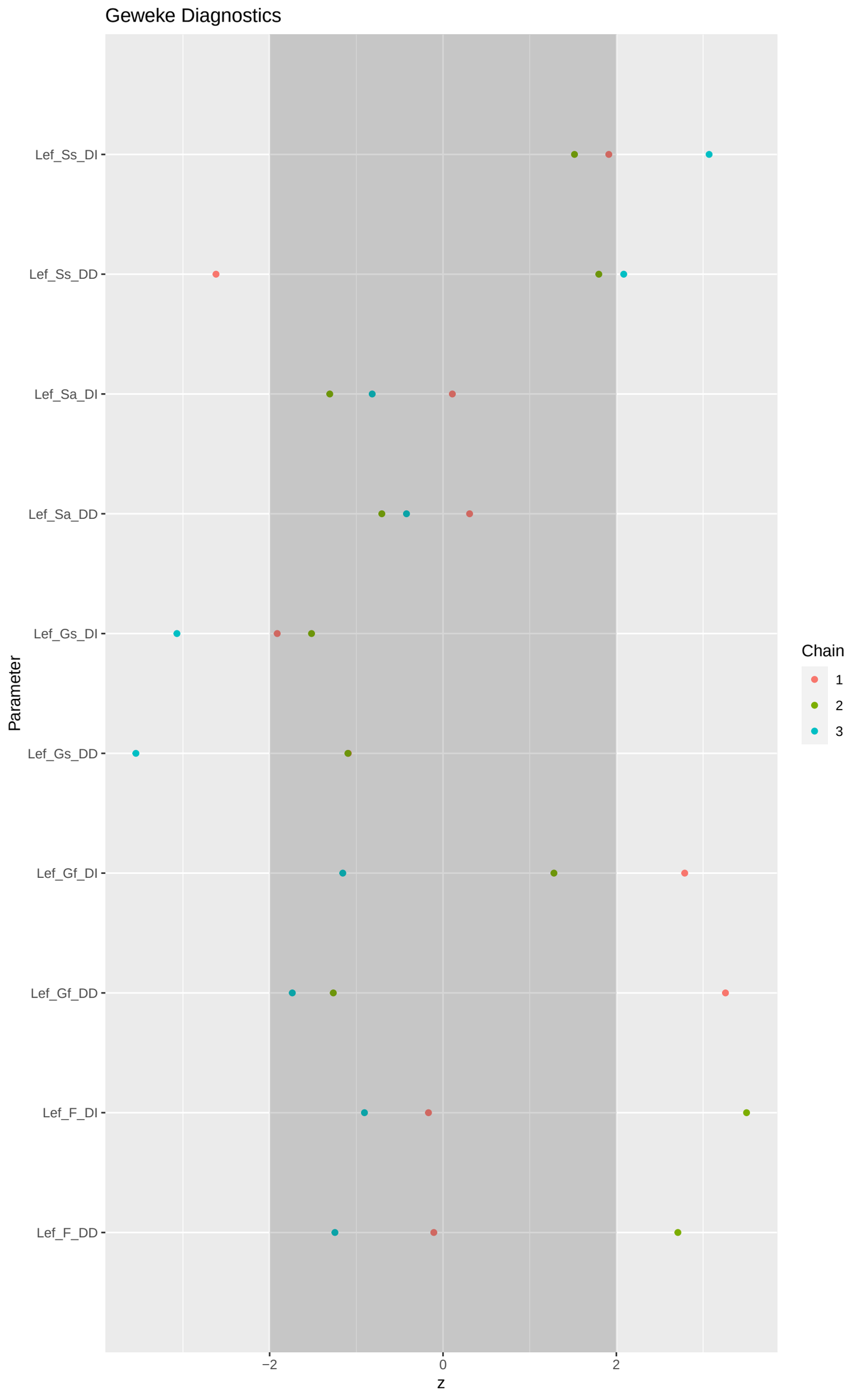

1
2
3
Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3


Lef_Ss_DI
Lef_Ss_DD
Lef_Sa_DI
Lef_Sa_DD
Lef_Gs_DI
Lef_Gs_DD
Lef_Gf_DI
Lef_Gf_DD
Lef_F_DI
Lef_F_DD
Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
Lef_Ss_DI
Lef_Ss_DD
Lef_Sa_DI
Lef_Sa_DD
Lef_Gs_DI
Lef_Gs_DD
Lef_Gf_DI
Lef_Gf_DD
Lef_F_DI
Lef_F_DD
Parameter
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Shrinkage of Potential Scale Reduction Factors
Lef_F_DD
Lef_F_DI
Lef_Gf_DD
Lef_Gf_DI
Lef_Gs_DD
Lef_Gs_DI
Lef_Sa_DD
Lef_Sa_DI
Lef_Ss_DD
Lef_Ss_DI
Rhat
Last iteration
3.0
2.5
2.0
1.5
1.0
0
250
500
750
1000


Proportion of effective independent draws
Lef_Ss_DI
Lef_Gs_DI
Lef_Gs_DD
Lef_Sa_DI
Lef_Sa_DD
Lef_F_DI
Lef_F_DD
Lef_Gf_DI
Lef_Gf_DD
Lef_Ss_DD
Parameter
0.00
0.25
0.50
0.75
1.00
Effective


Geweke Diagnostics
Lef_Ss_DI
Lef_Ss_DD
Lef_Sa_DI
Lef_Sa_DD
Lef_Gs_DI
Lef_Gs_DD
Lef_Gf_DI
Lef_Gf_DD
Lef_F_DI
Lef_F_DD
Parameter
−2
0
2
z
Chain
1
2
3