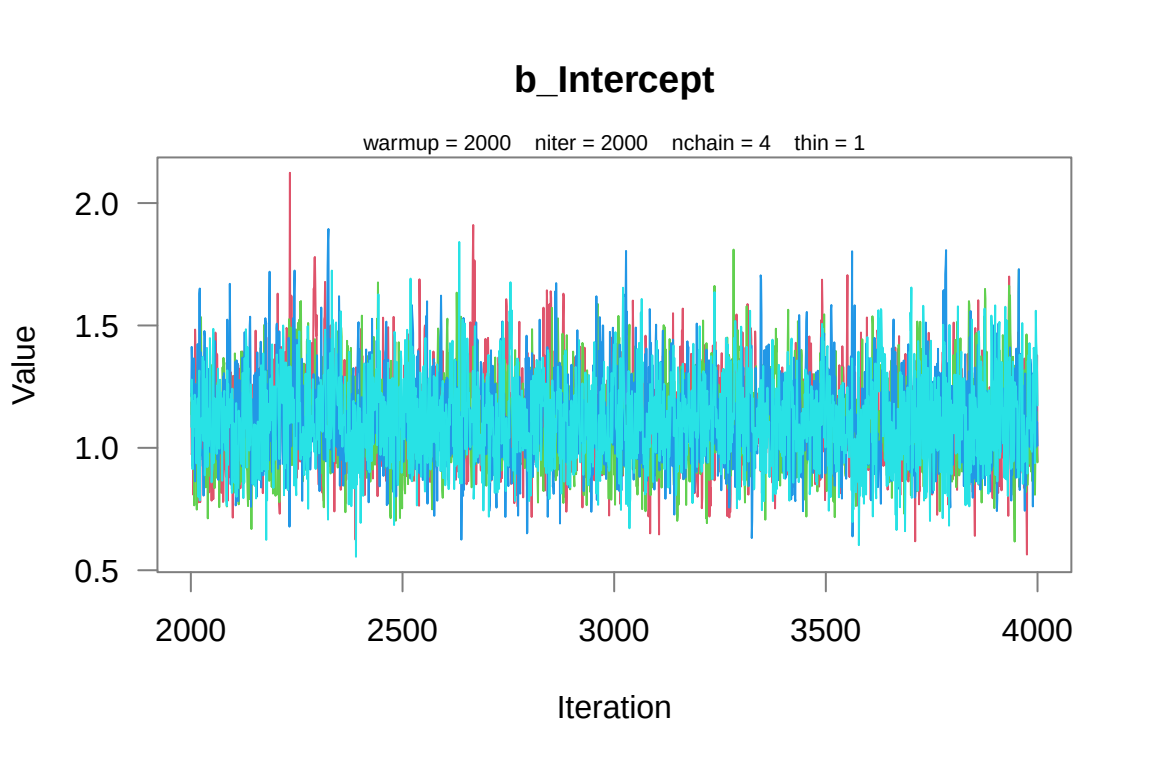
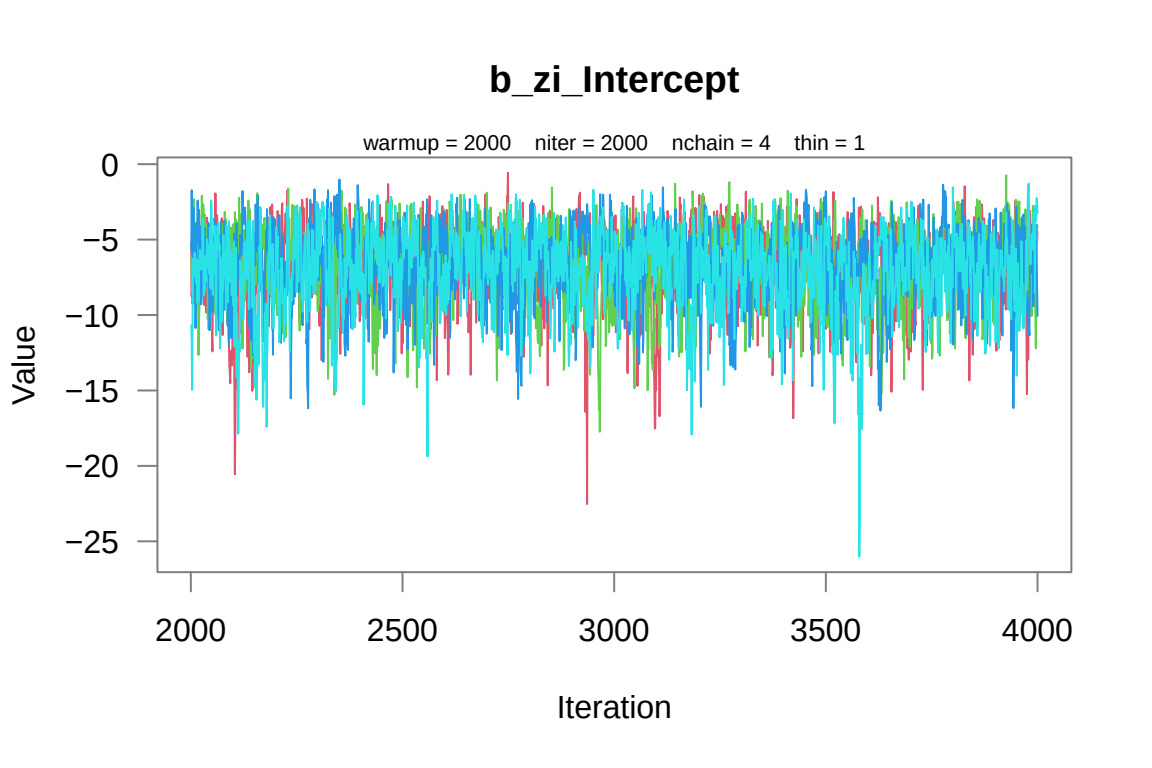
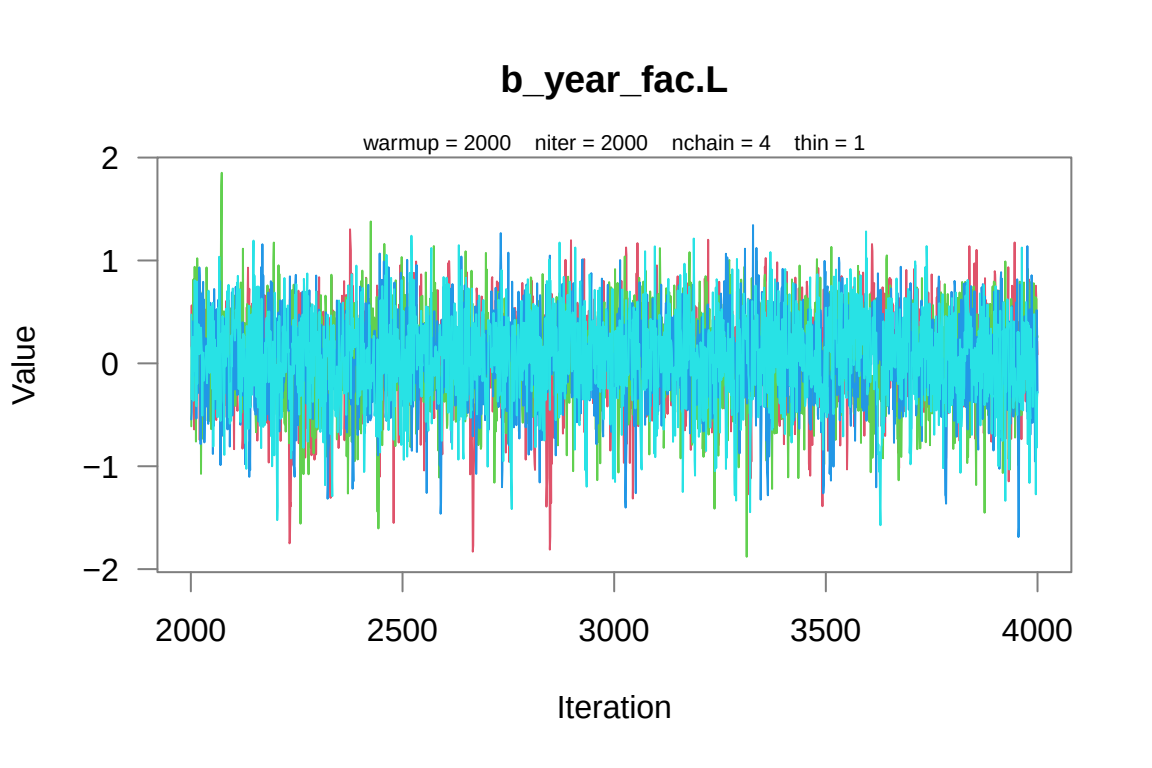
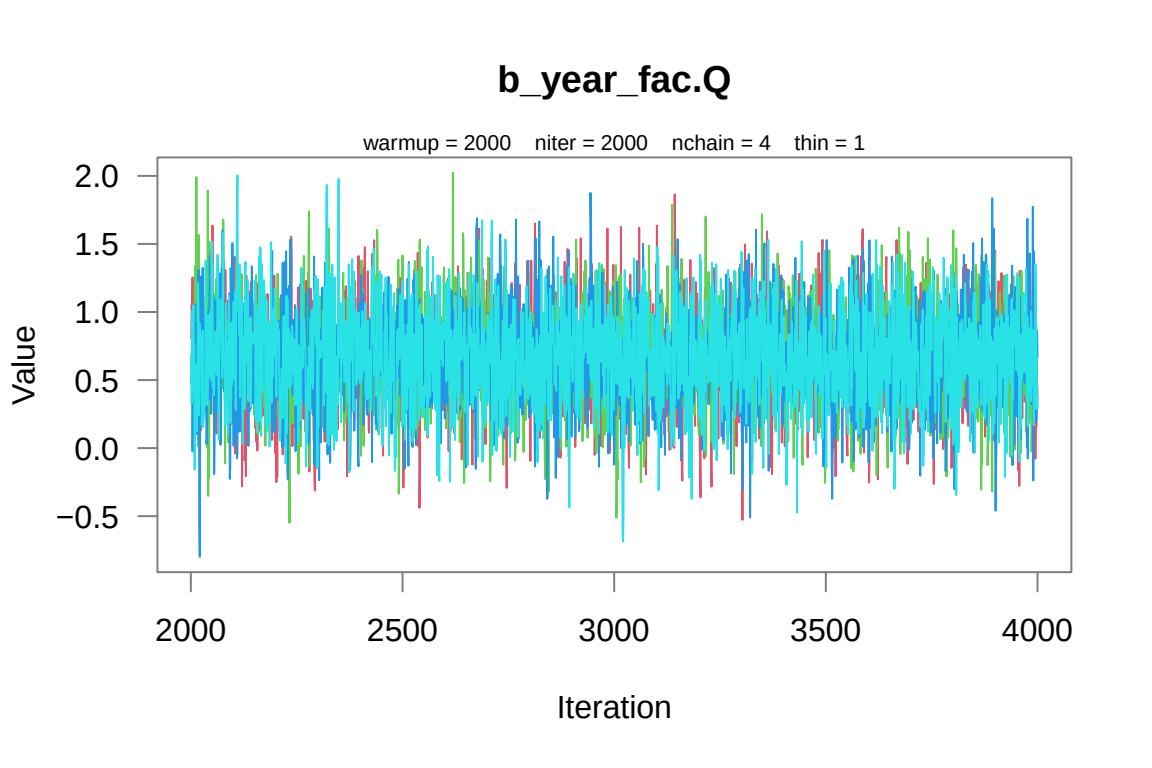
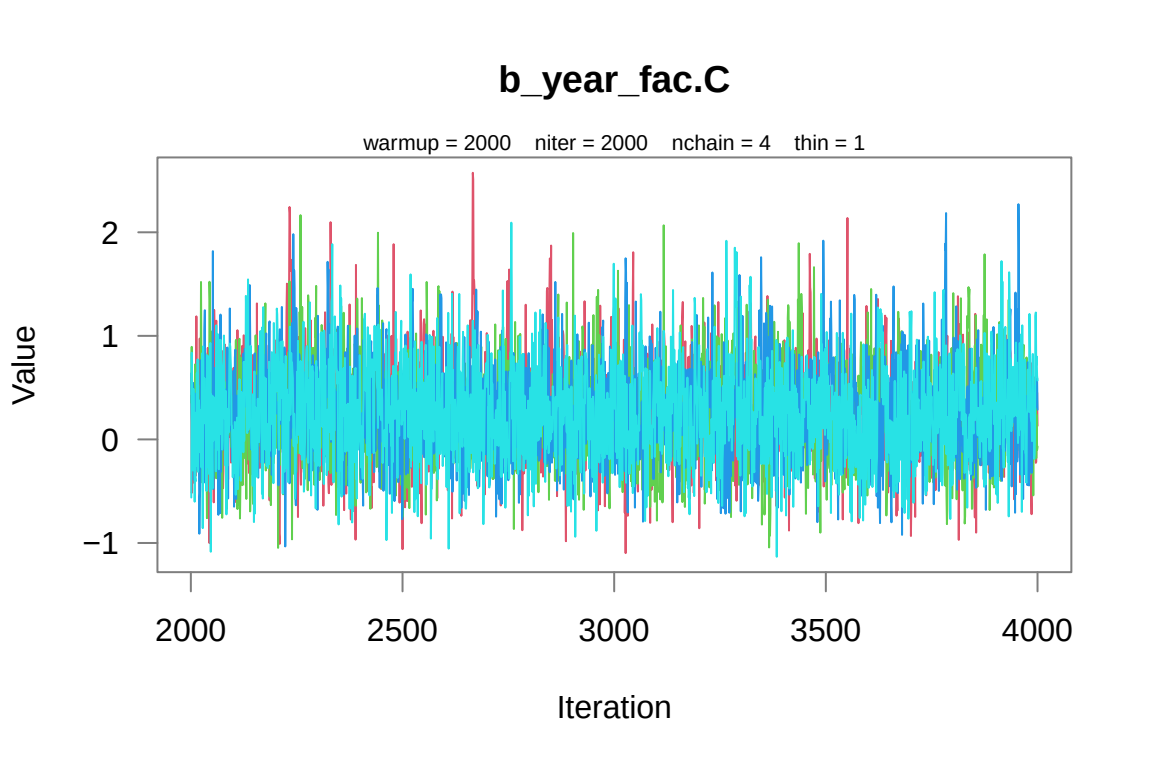
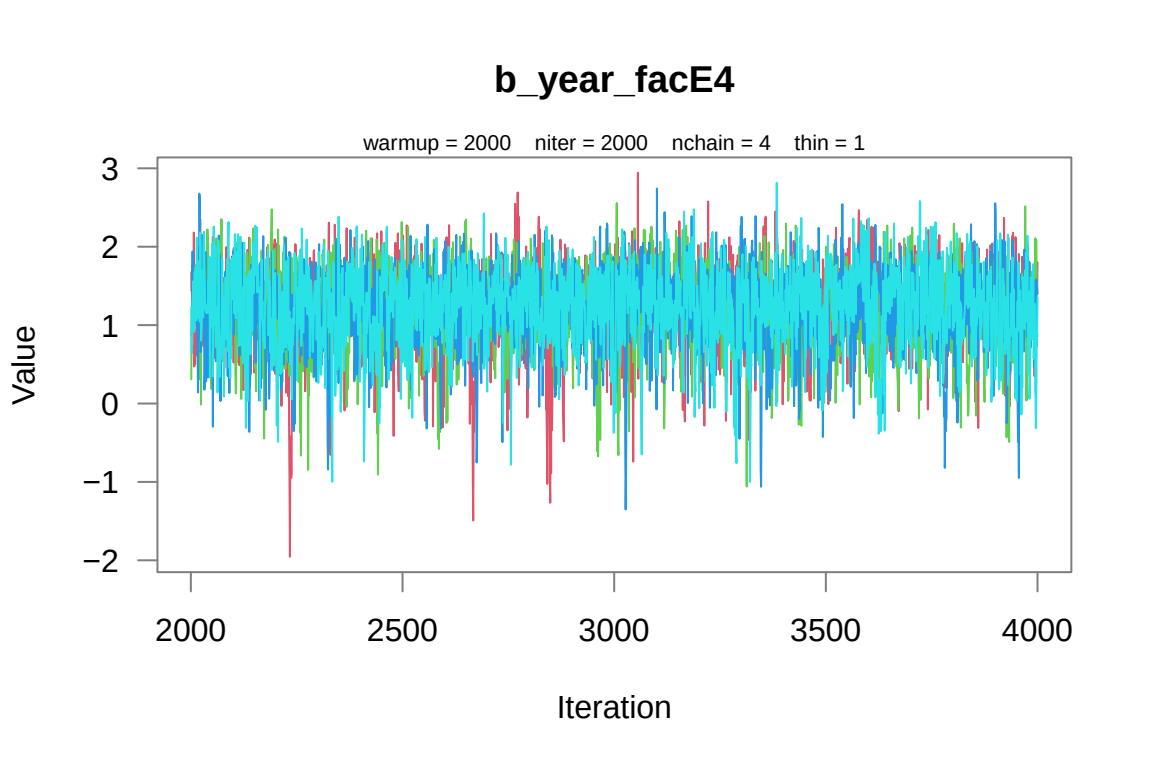

b_Intercept
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
2.0
1.5
1.0
0.5
2000
2500
3000
3500
4000
Iteration

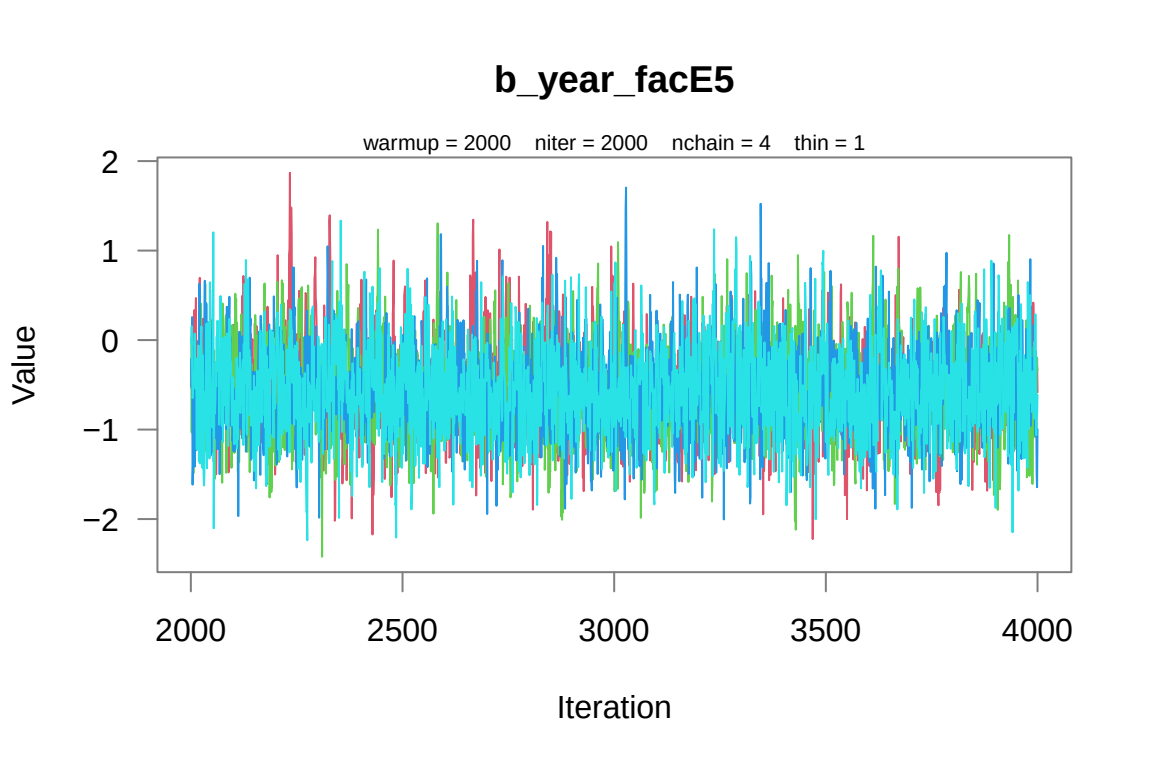

b_zi_Intercept
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
0
−5
−10
−15
−20
−25
2000
2500
3000
3500
4000
Iteration

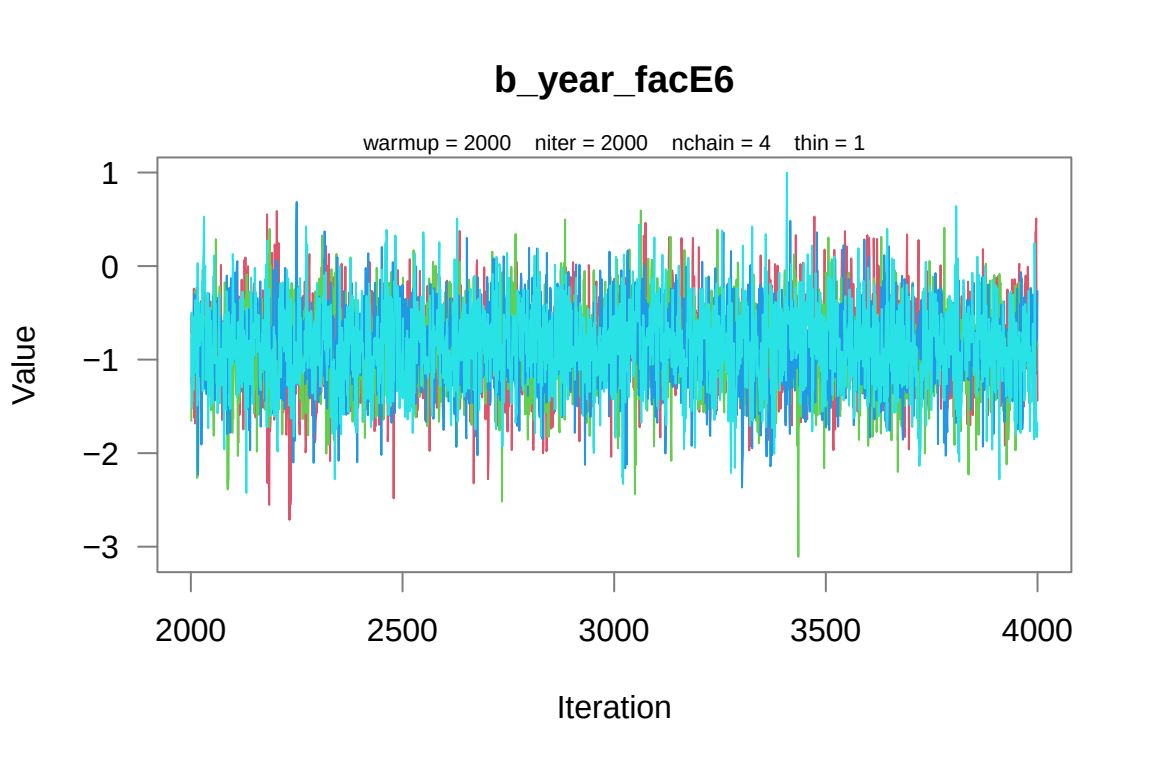

b_year_fac.L
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
2
1
0
−1
−2
2000
2500
3000
3500
4000
Iteration

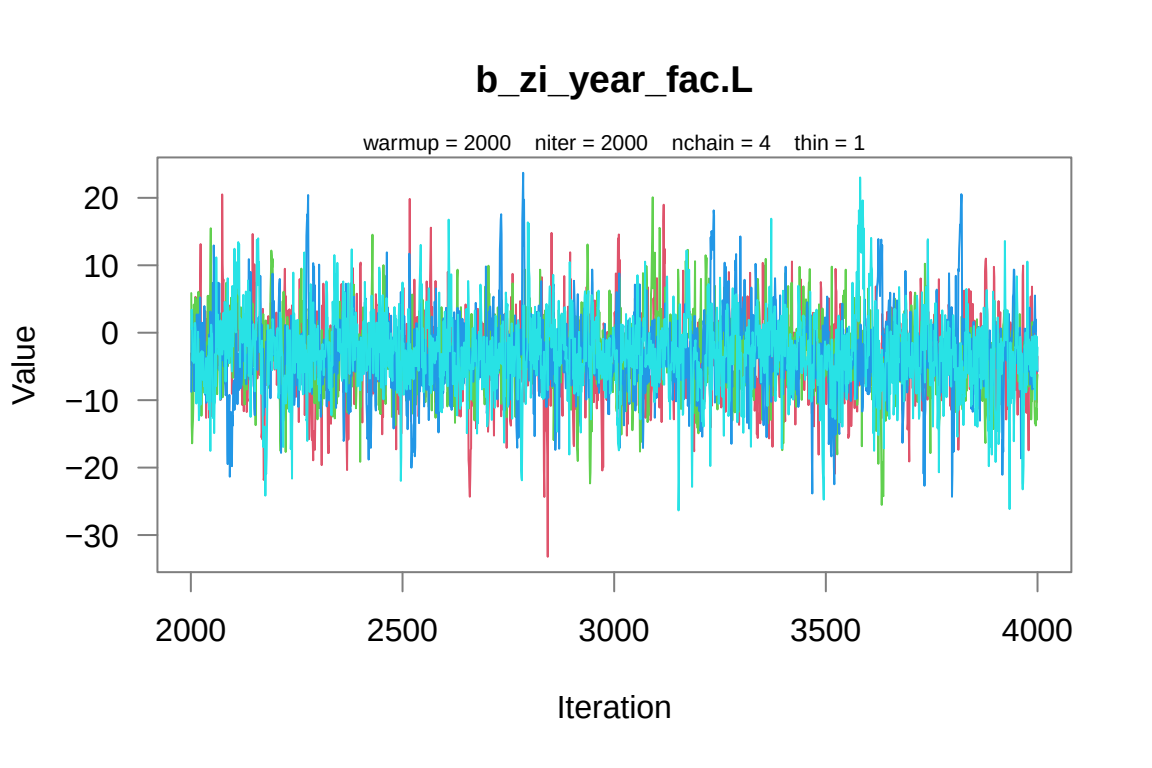

b_year_fac.Q
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
2.0
1.5
1.0
0.5
0.0
−0.5
2000
2500
3000
3500
4000
Iteration

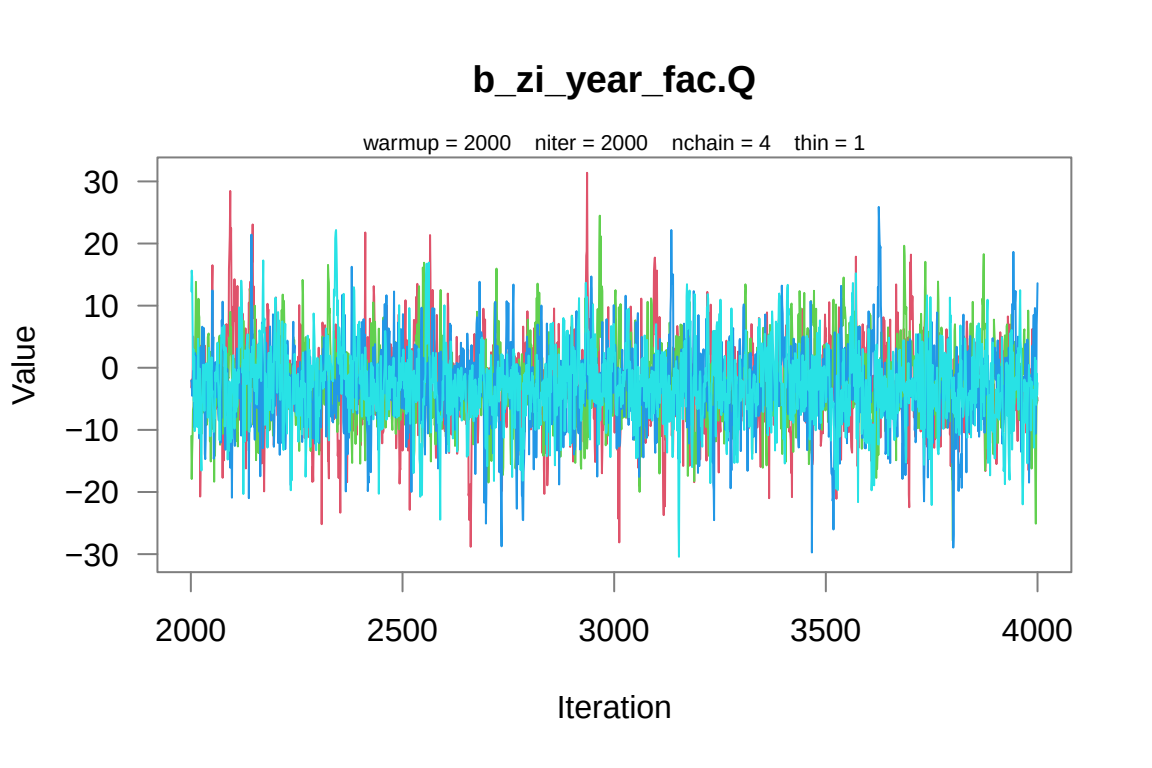

b_year_fac.C
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
2
1
0
−1
2000
2500
3000
3500
4000
Iteration

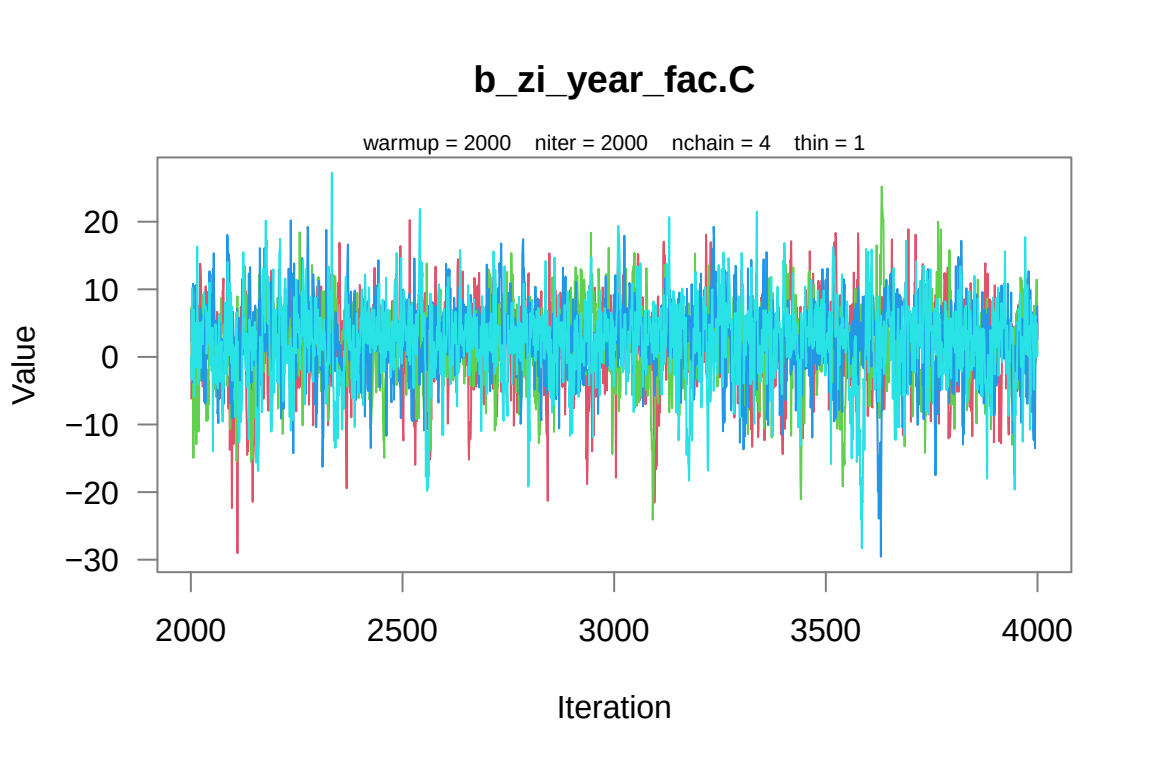

b_year_facE4
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
3
2
1
0
−1
−2
2000
2500
3000
3500
4000
Iteration

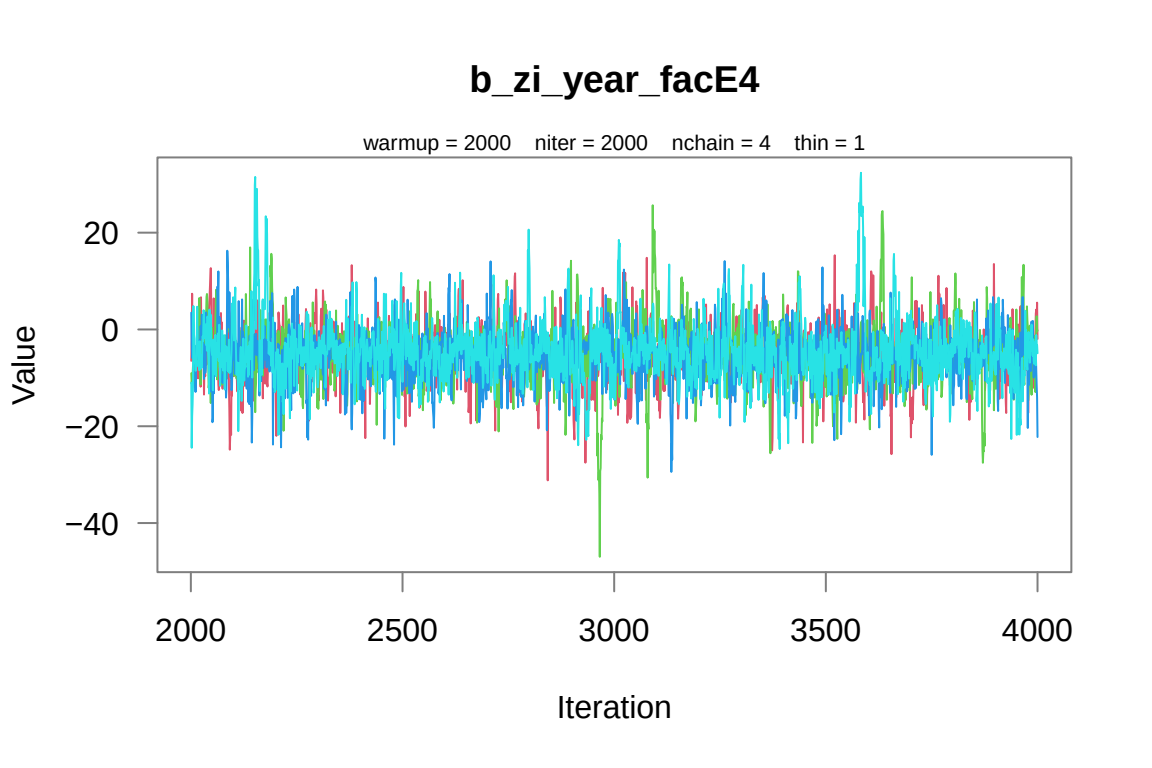

b_year_facE5
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
2
1
0
−1
−2
2000
2500
3000
3500
4000
Iteration

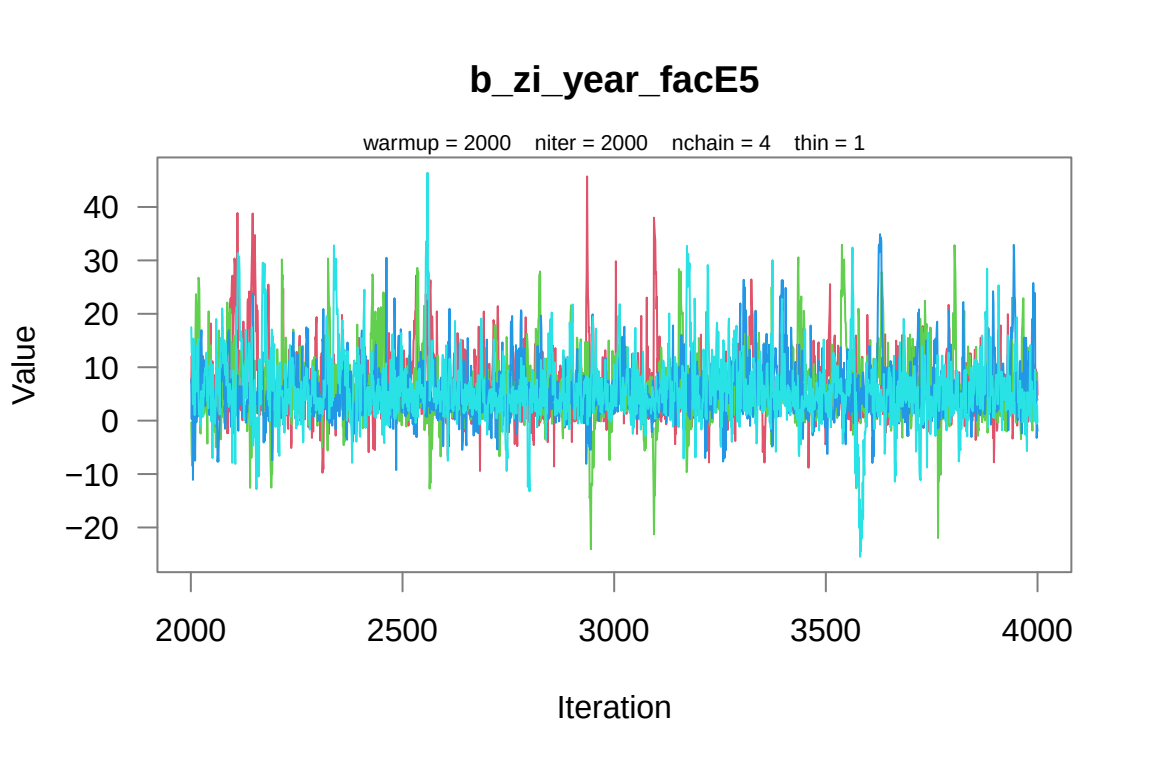

b_year_facE6
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
1
0
−1
−2
−3
2000
2500
3000
3500
4000
Iteration

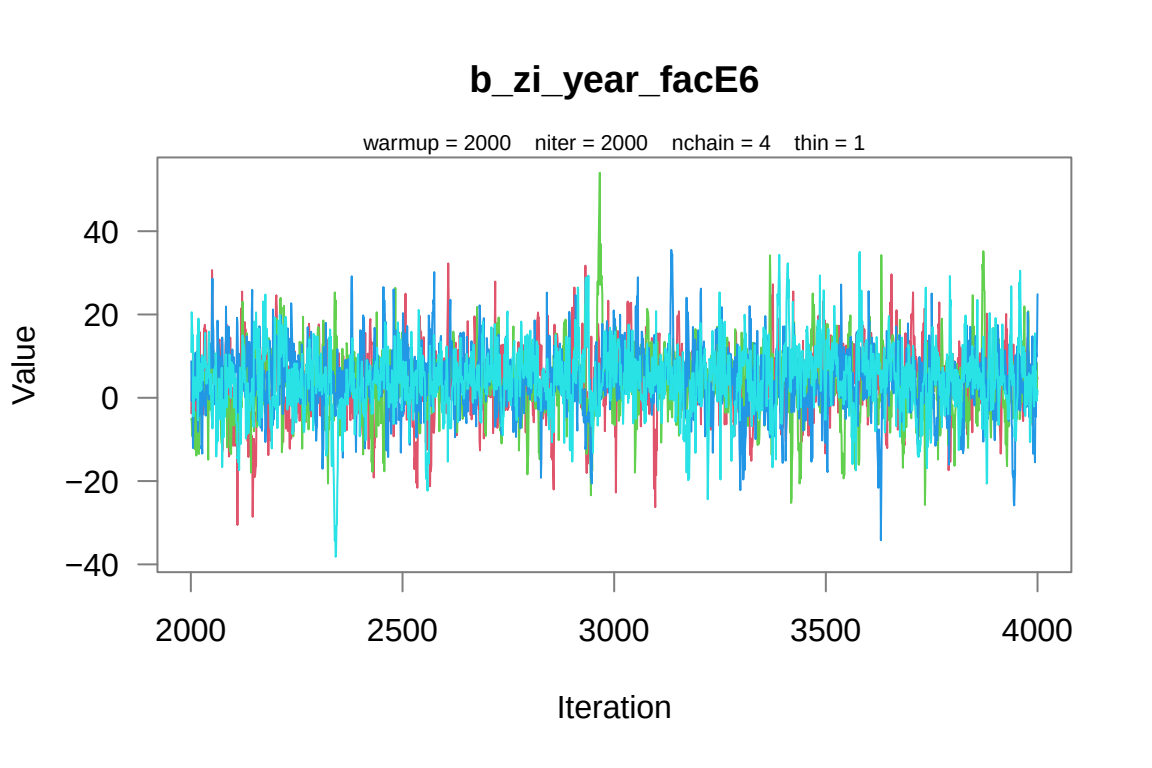

b_zi_year_fac.L
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
20
10
0
−10
−20
−30
2000
2500
3000
3500
4000
Iteration

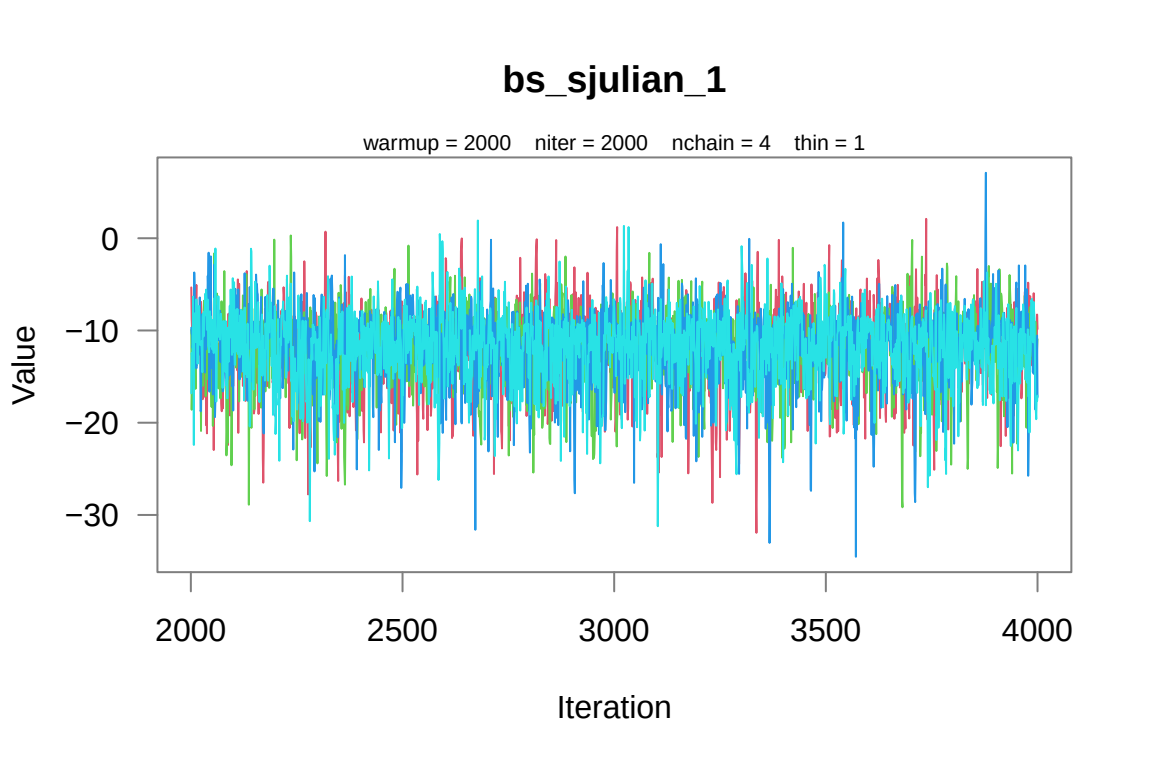

b_zi_year_fac.Q
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
30
20
10
0
−10
−20
−30
2000
2500
3000
3500
4000
Iteration

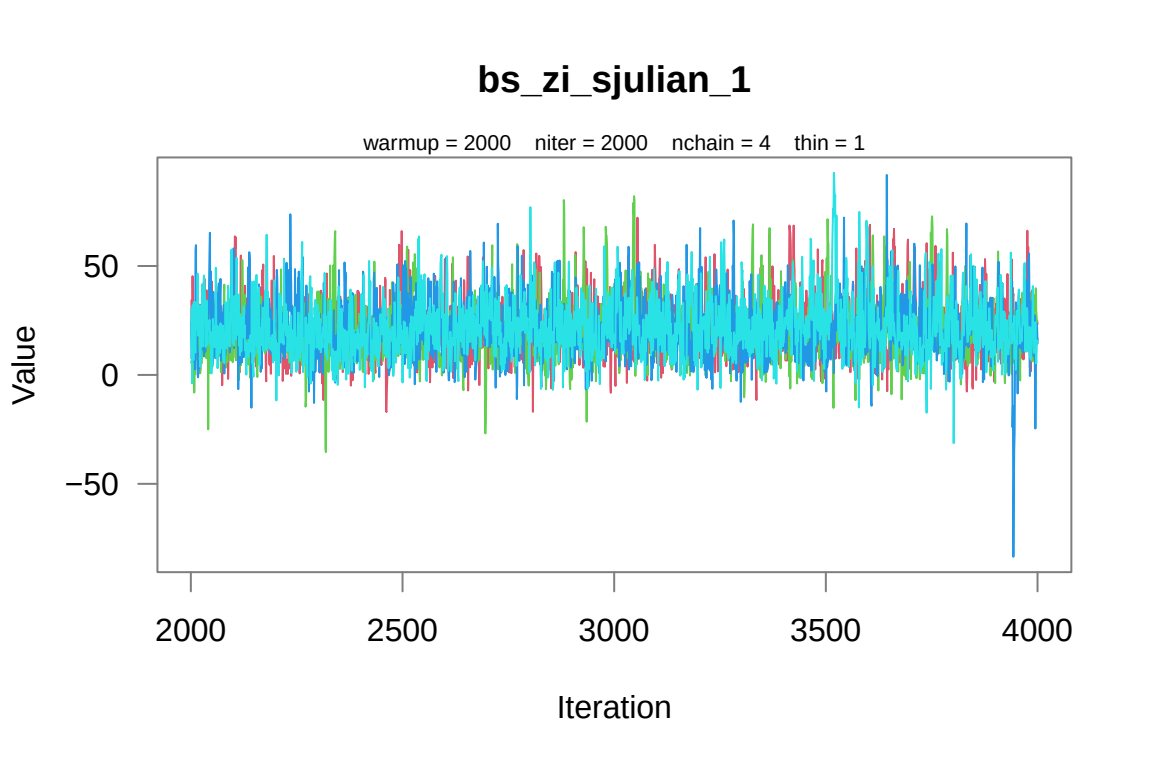

b_zi_year_fac.C
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
20
10
0
−10
−20
−30
2000
2500
3000
3500
4000
Iteration

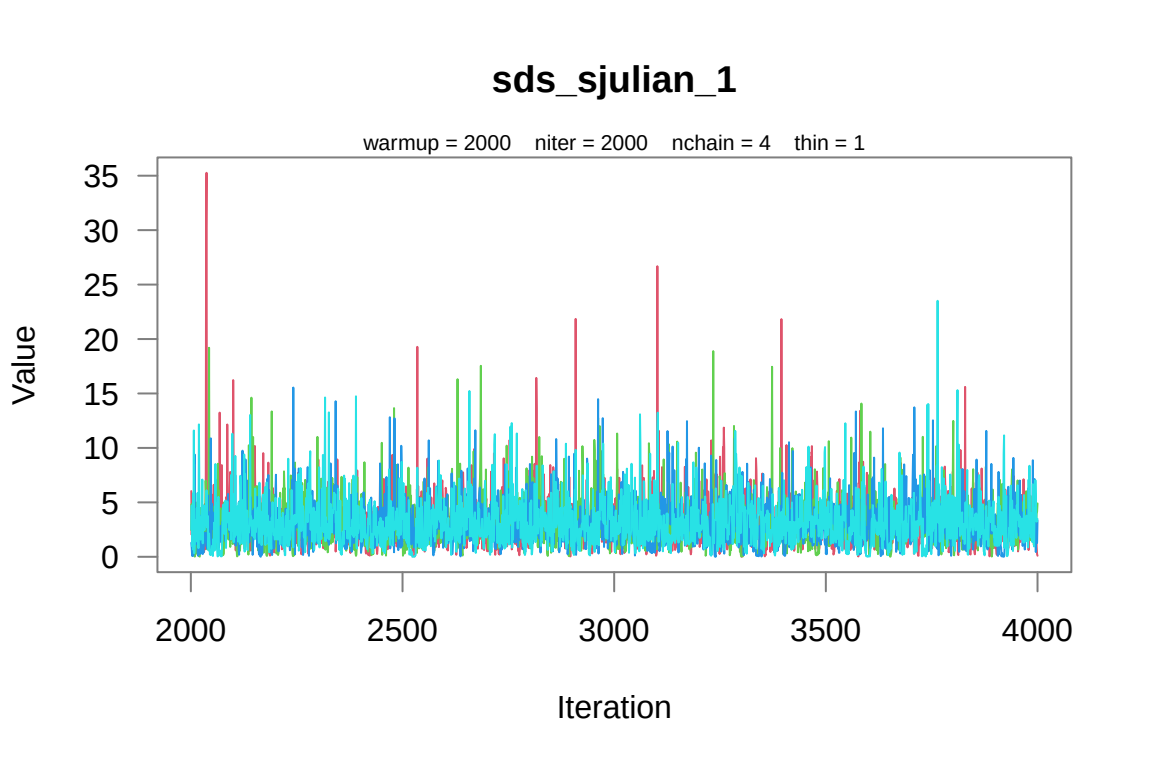

b_zi_year_facE4
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
20
0
−20
−40
2000
2500
3000
3500
4000
Iteration

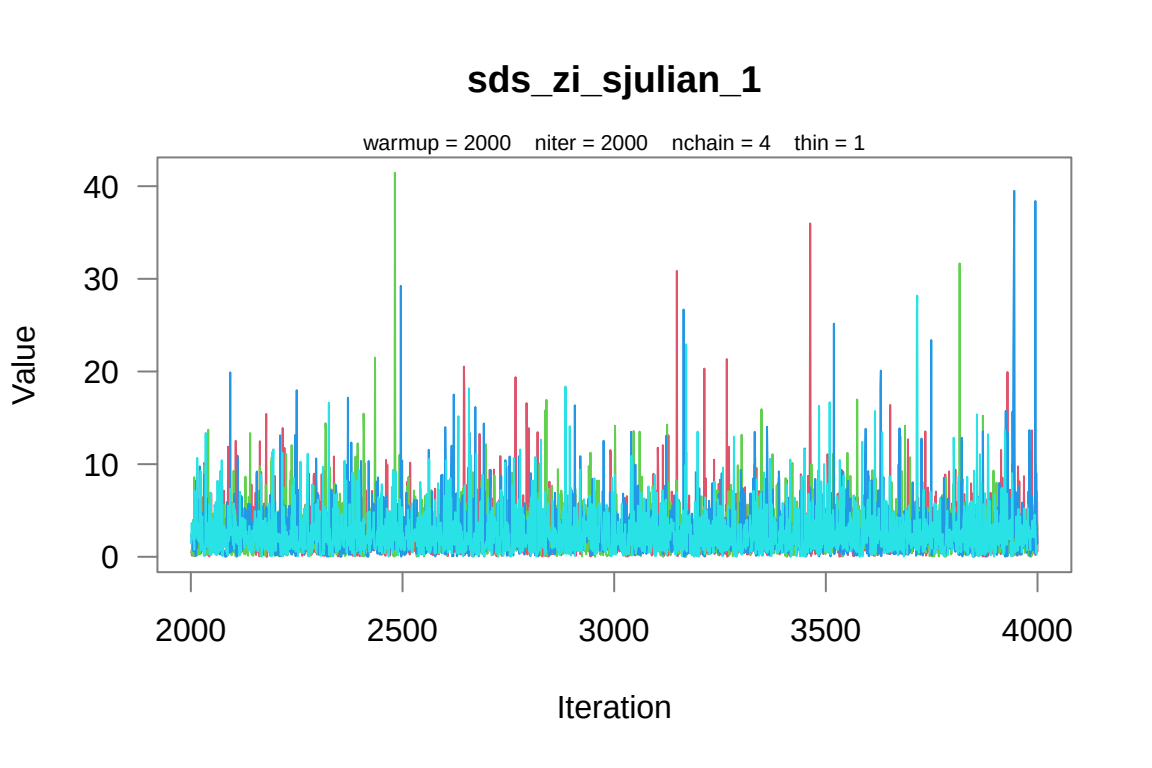

b_zi_year_facE5
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
40
30
20
10
0
−10
−20
2000
2500
3000
3500
4000
Iteration

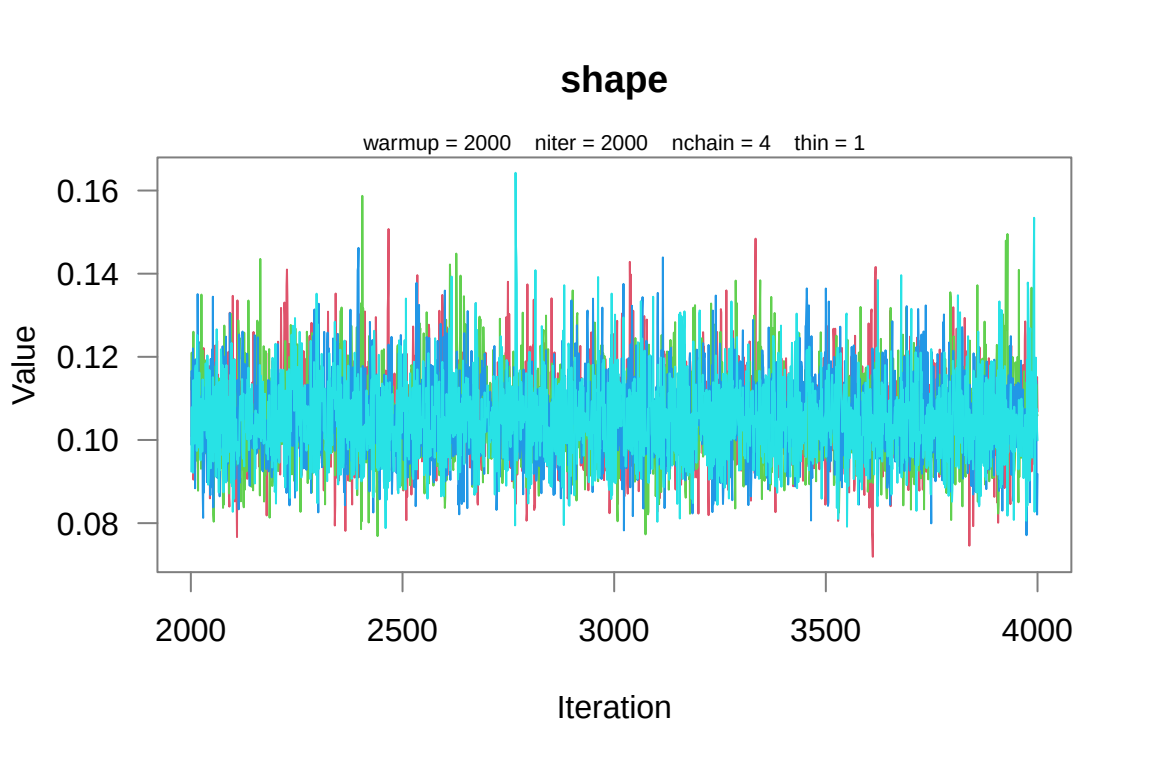

b_zi_year_facE6
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
40
20
0
−20
−40
2000
2500
3000
3500
4000
Iteration

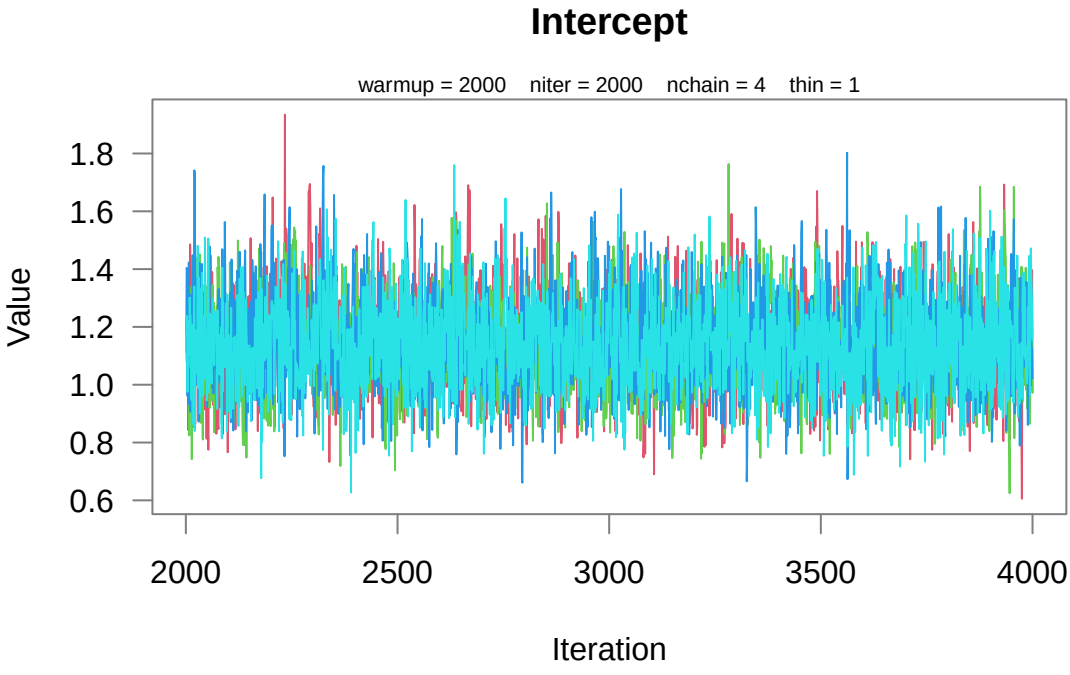

bs_sjulian_1
warmup = 2000 niter = 2000 nchain = 4 thin = 1
0
−10
−20
−30
Value
2000
2500
3000
3500
4000
Iteration

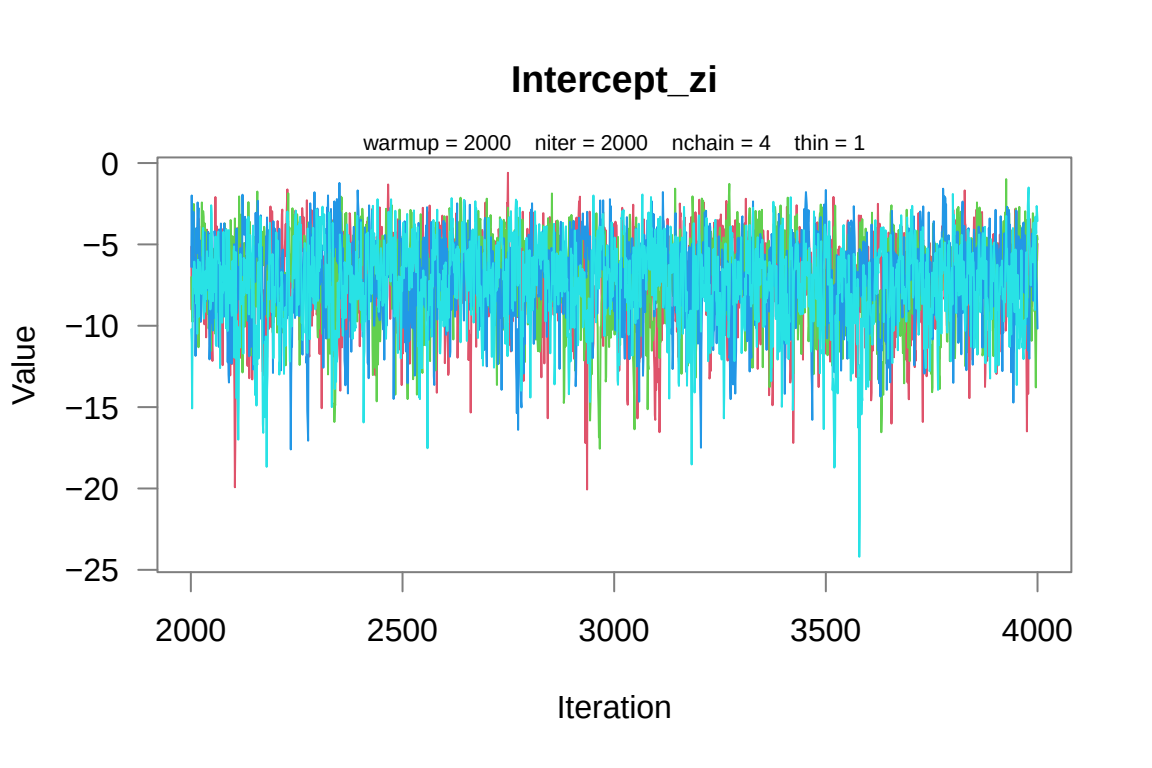

bs_zi_sjulian_1
warmup = 2000 niter = 2000 nchain = 4 thin = 1
50
0
−50
Value
2000
2500
3000
3500
4000
Iteration

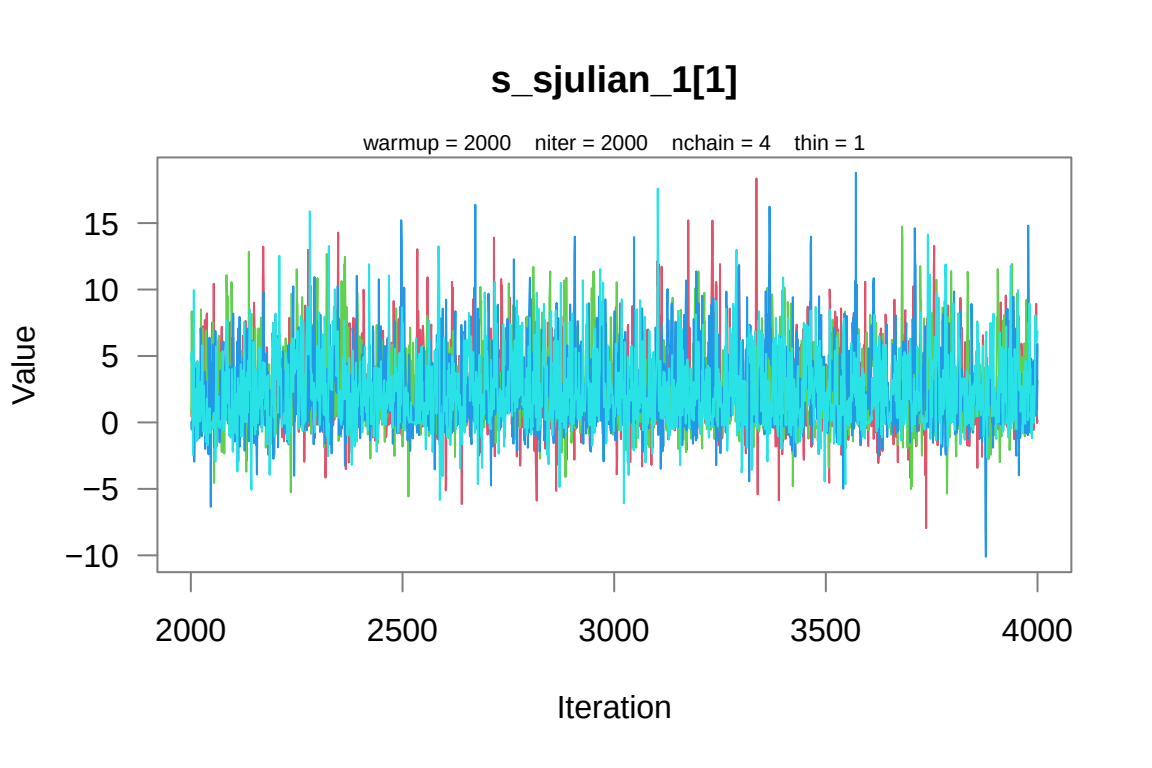

sds_sjulian_1
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
0
5
10
15
20
25
30
35
2000
2500
3000
3500
4000
Iteration

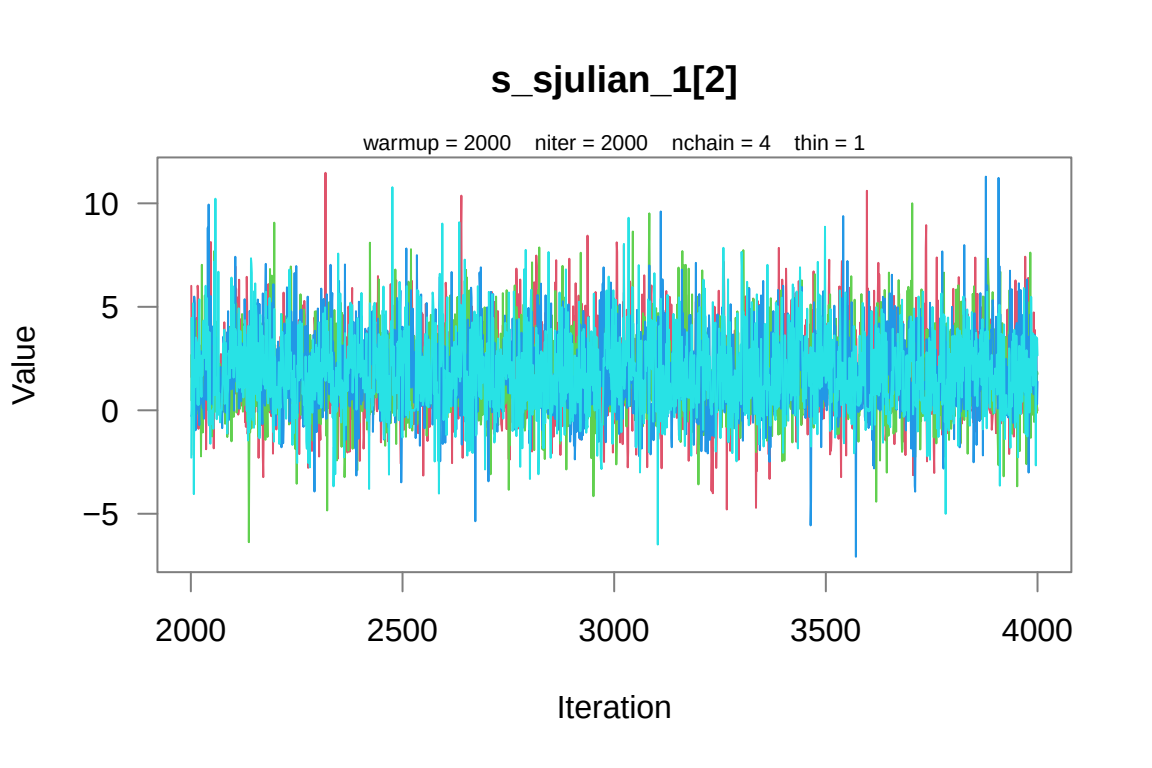

sds_zi_sjulian_1
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
0
10
20
30
40
2000
2500
3000
3500
4000
Iteration

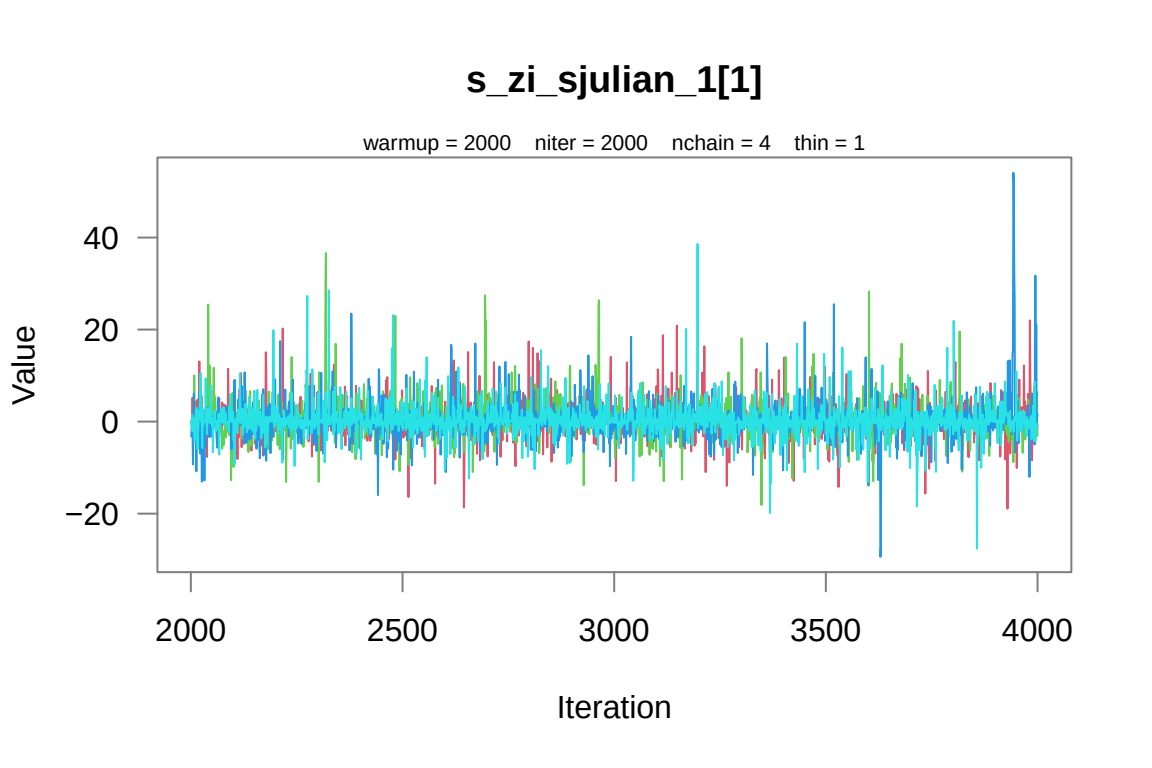

shape
warmup = 2000 niter = 2000 nchain = 4 thin = 1
0.16
0.14
0.12
0.10
0.08
Value
2000
2500
3000
3500
4000
Iteration

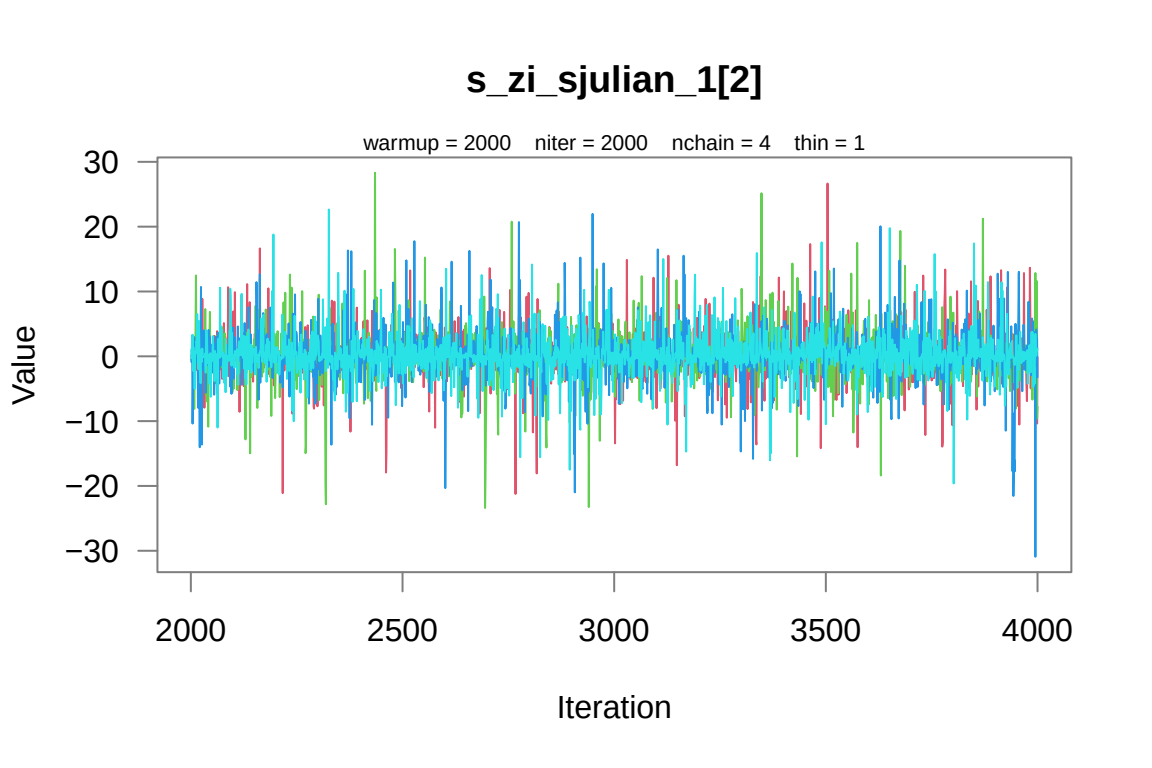

Intercept
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
1.8
1.6
1.4
1.2
1.0
0.8
0.6
2000
2500
3000
3500
4000
Iteration

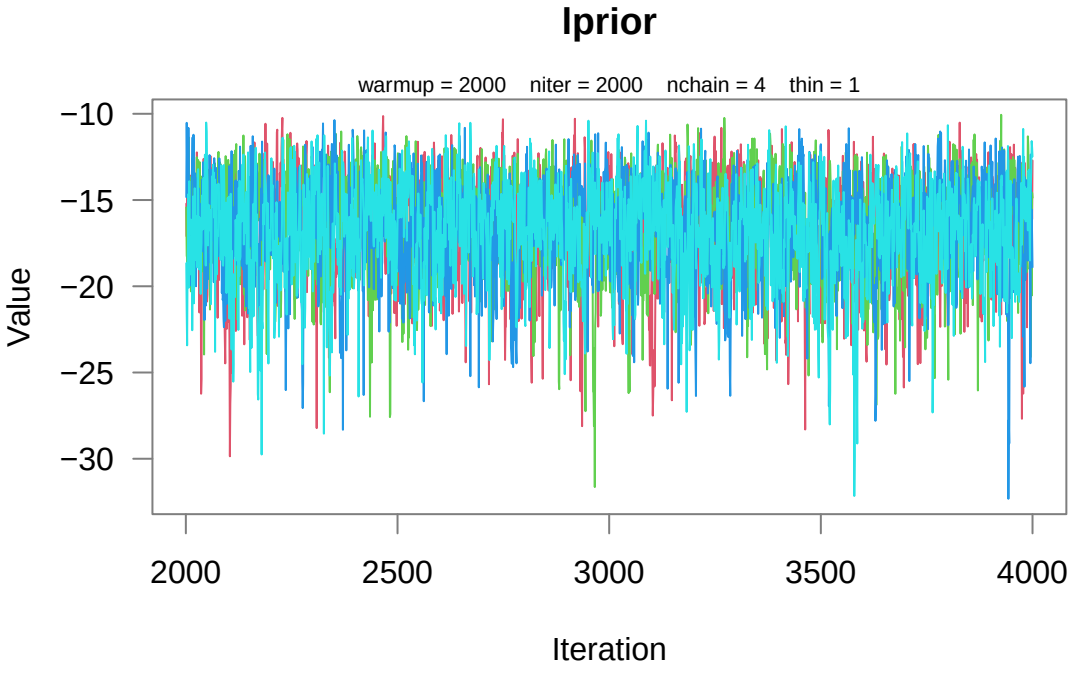

Intercept_zi
warmup = 2000 niter = 2000 nchain = 4 thin = 1
0
−5
−10
−15
−20
−25
Value
2000
2500
3000
3500
4000
Iteration

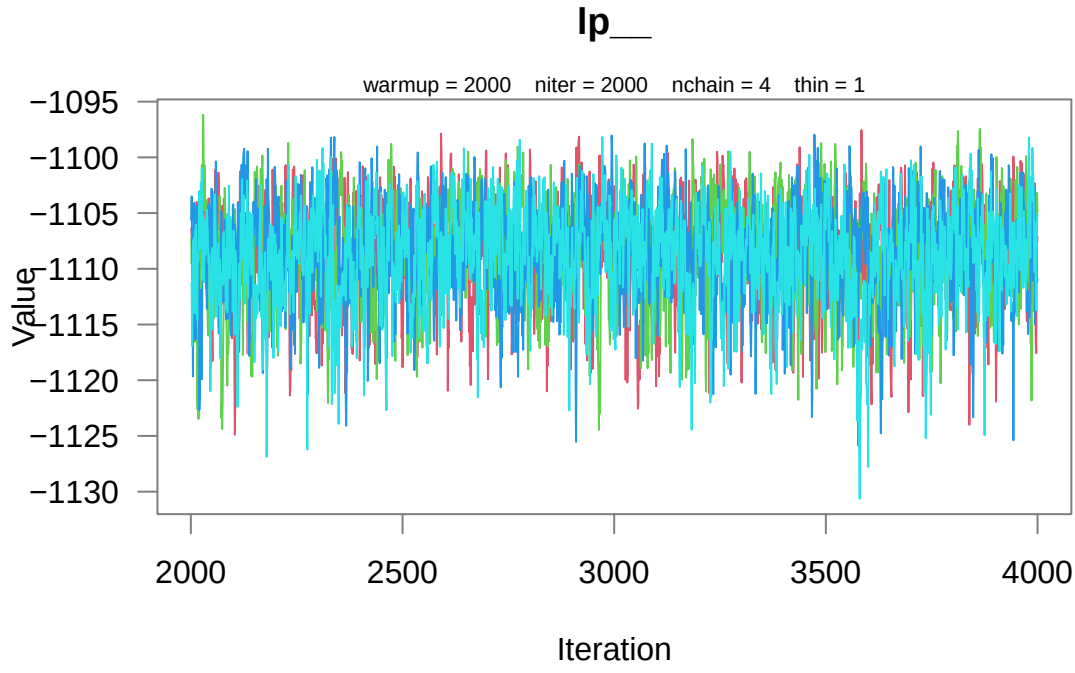

s_sjulian_1[1]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
15
10
5
0
−5
−10
2000
2500
3000
3500
4000
Iteration

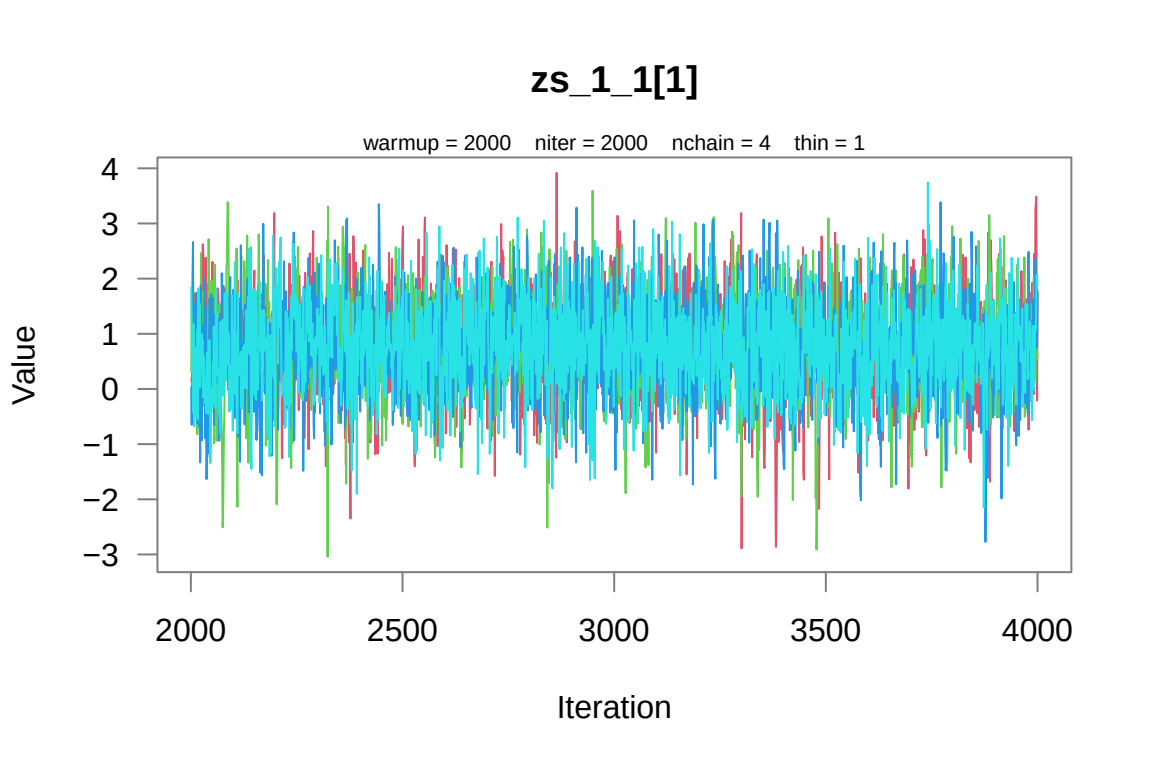

s_sjulian_1[2]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
10
5
0
−5
2000
2500
3000
3500
4000
Iteration

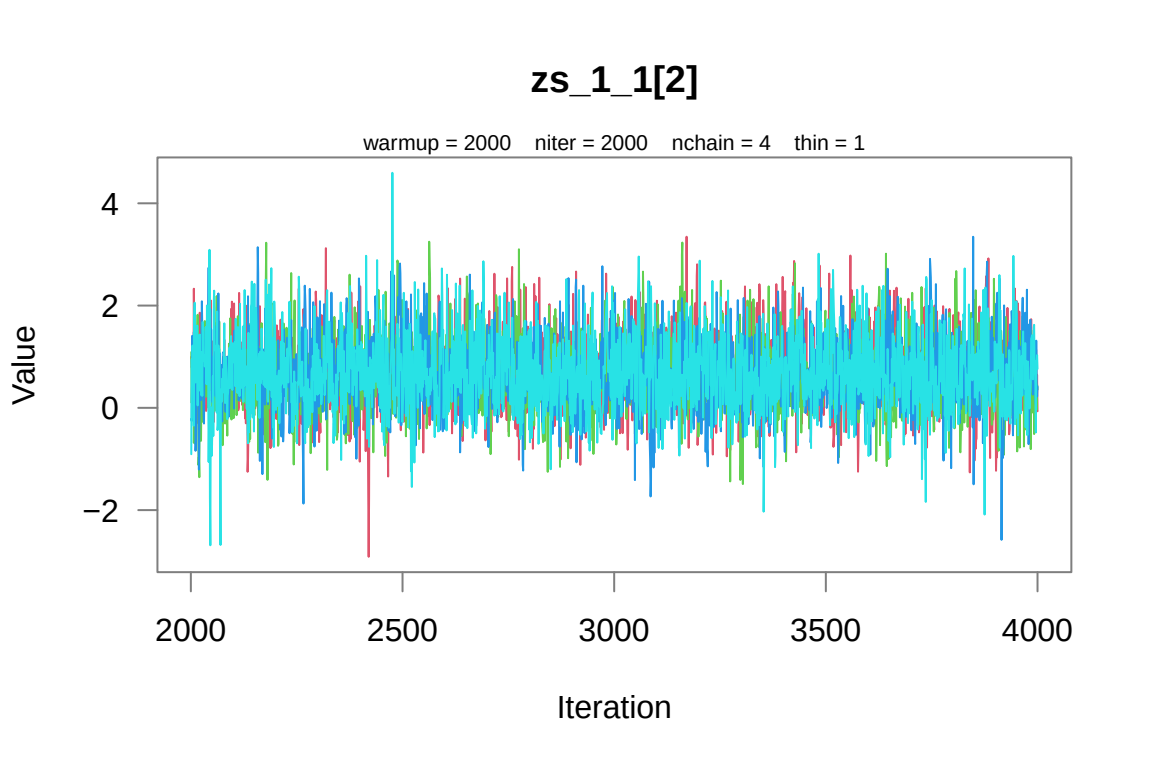

s_zi_sjulian_1[1]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
40
20
0
−20
2000
2500
3000
3500
4000
Iteration

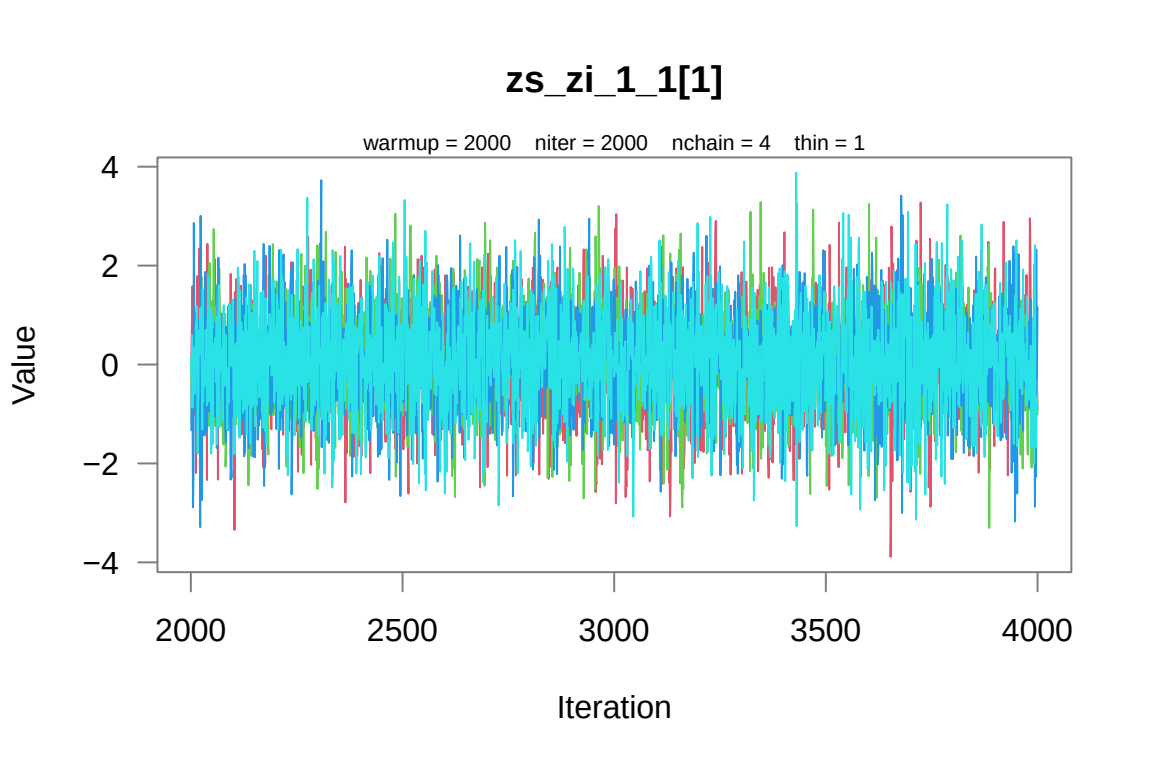

s_zi_sjulian_1[2]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
30
20
10
0
−10
−20
−30
2000
2500
3000
3500
4000
Iteration

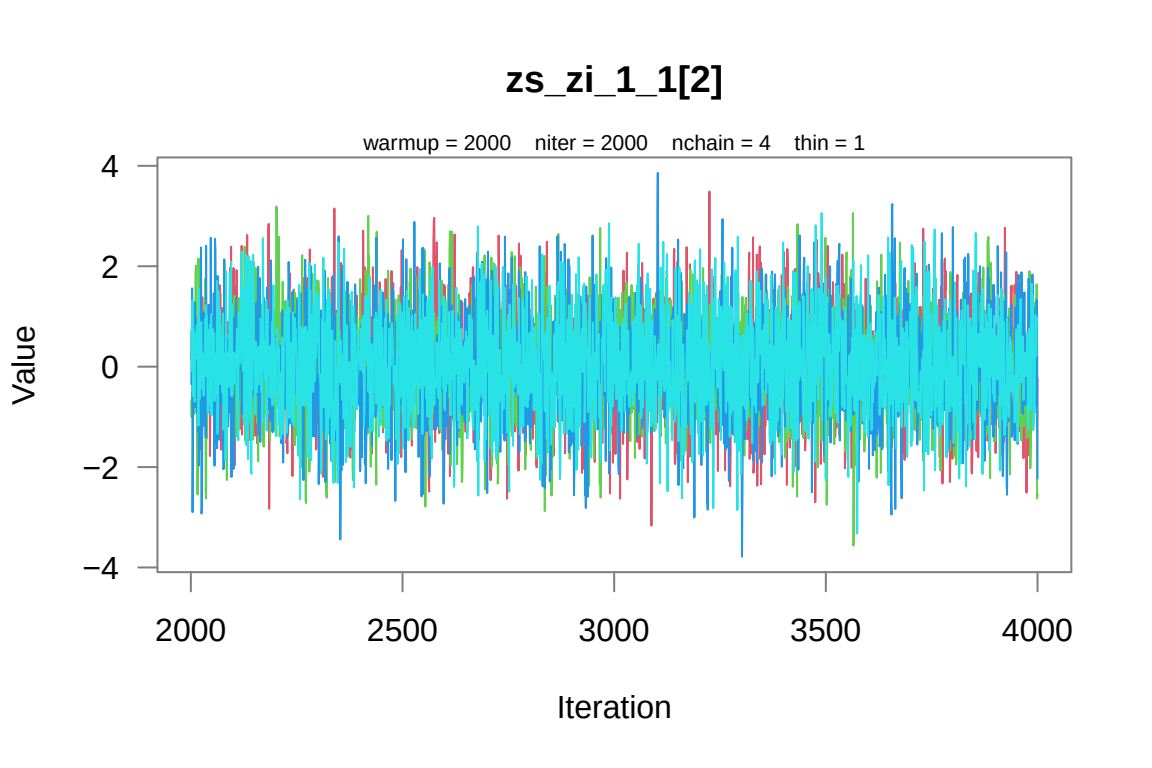

lprior
warmup = 2000 niter = 2000 nchain = 4 thin = 1
−10
−15
−20
−25
−30
Value
2000
2500
3000
3500
4000
Iteration


lp__
warmup = 2000 niter = 2000 nchain = 4 thin = 1
−1095
−1100
−1105
−1110
−1115
−1120
−1125
−1130
Value
2000
2500
3000
3500
4000
Iteration


zs_1_1[1]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
4
3
2
1
0
−1
−2
−3
2000
2500
3000
3500
4000
Iteration


zs_1_1[2]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
4
2
0
−2
2000
2500
3000
3500
4000
Iteration


zs_zi_1_1[1]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
4
2
0
−2
−4
Value
2000
2500
3000
3500
4000
Iteration


zs_zi_1_1[2]
warmup = 2000 niter = 2000 nchain = 4 thin = 1
Value
4
2
0
−2
−4
2000
2500
3000
3500
4000
Iteration