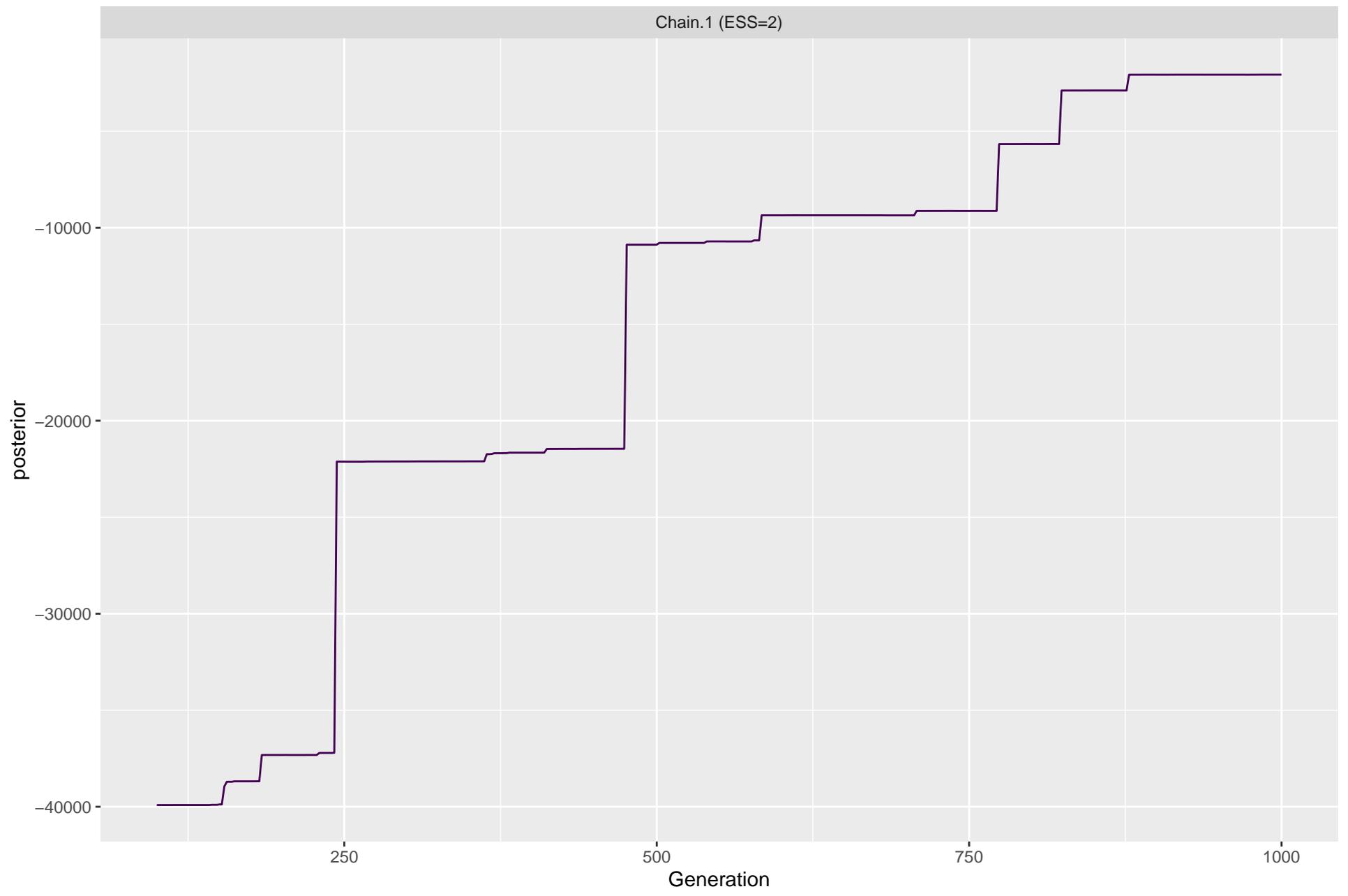


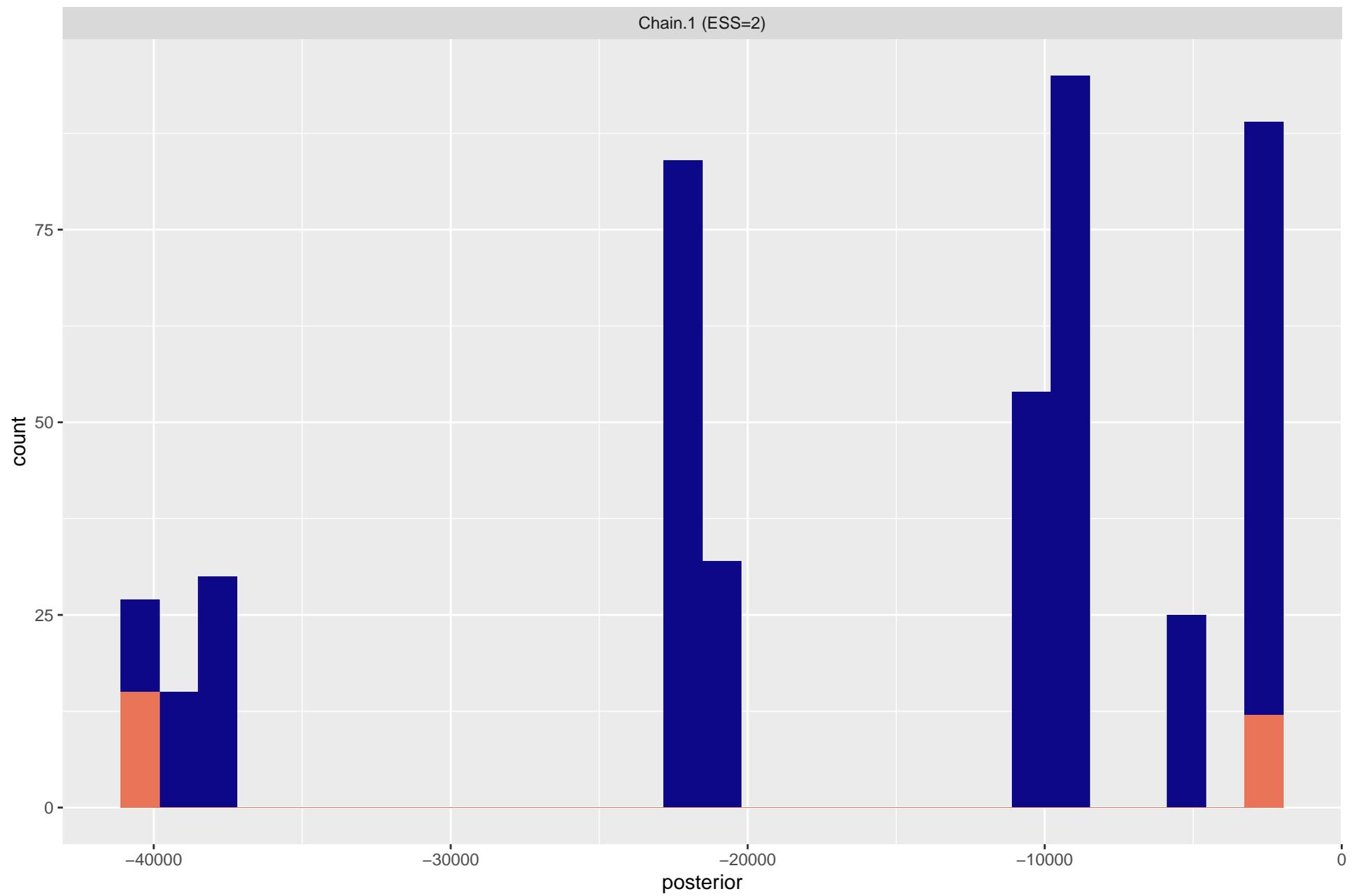
posterior trace

Chain.1 (ESS=2)



posterior trace

Chain.1 (ESS=2)



prior trace

Chain.1 (ESS=2)

prior

-35

-40

-45

-50

-55

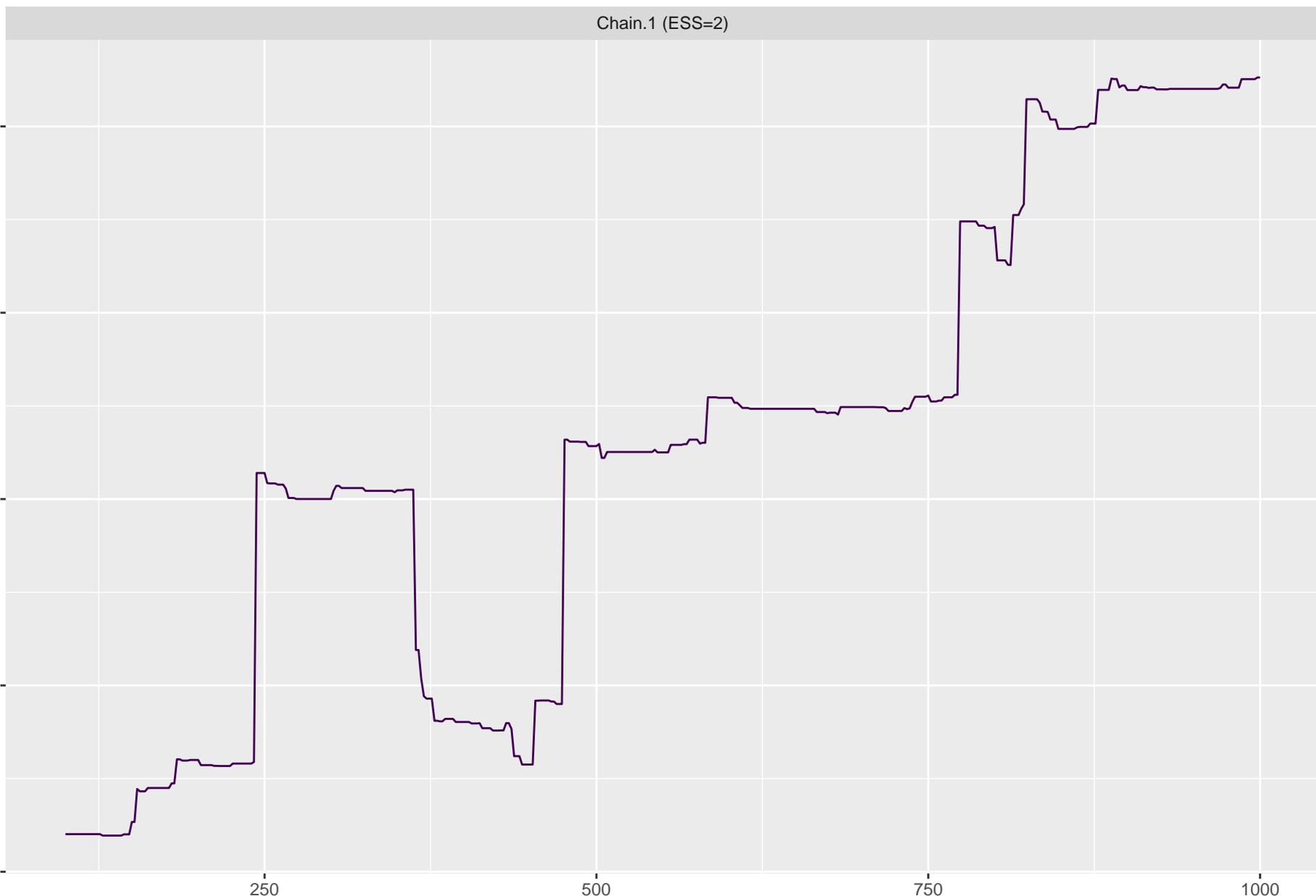
250

500

750

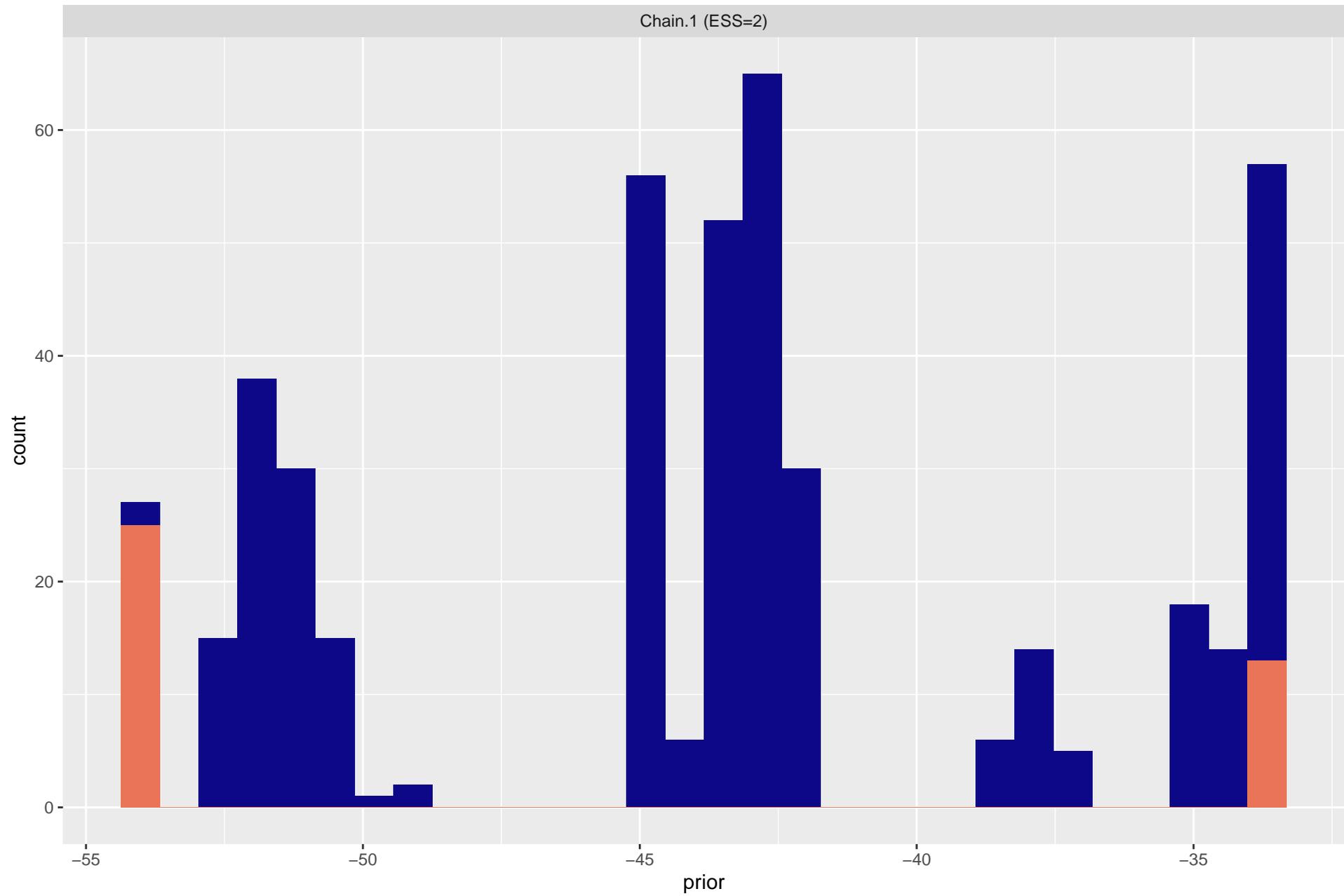
1000

Generation



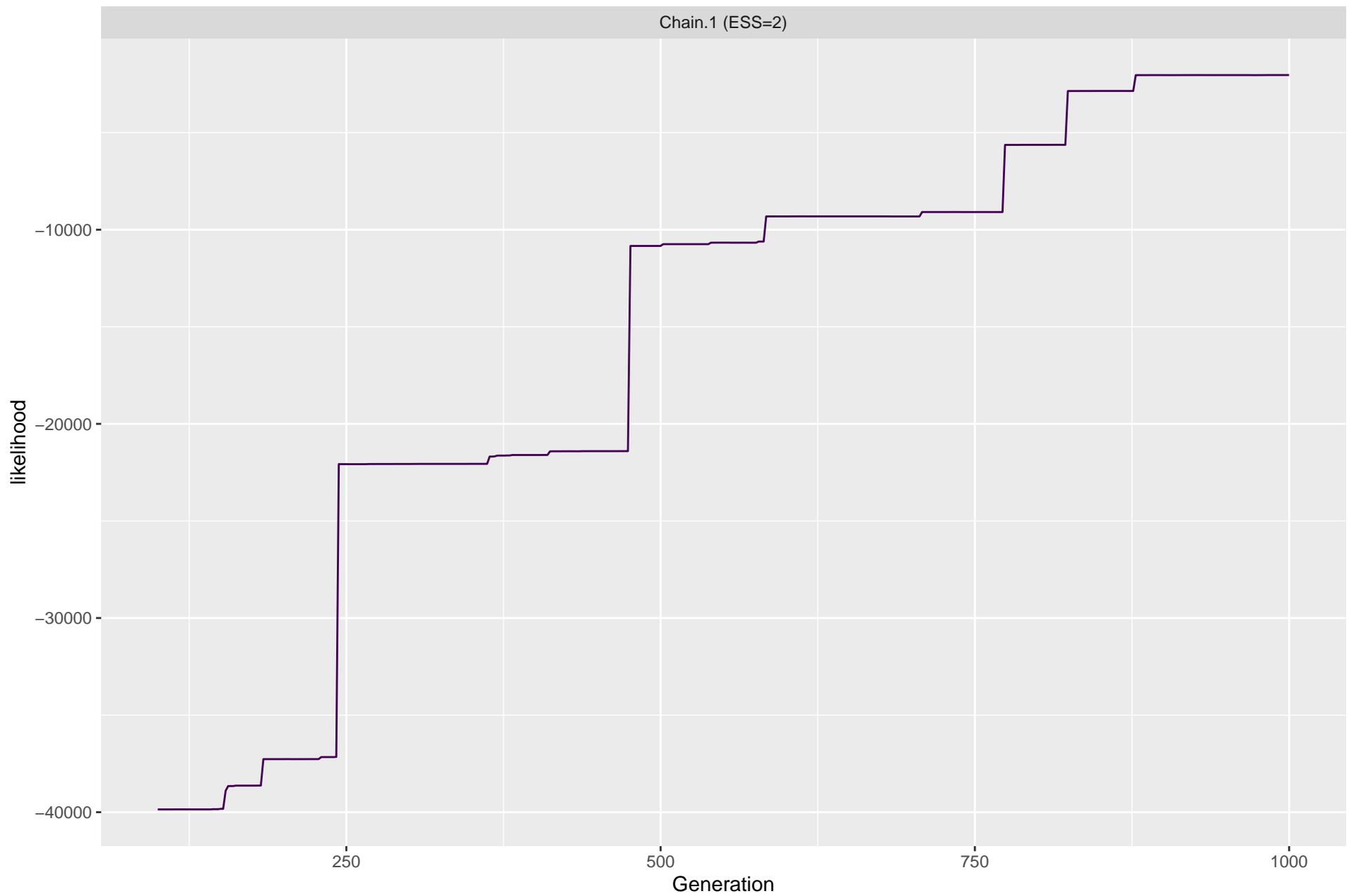
prior trace

Chain.1 (ESS=2)



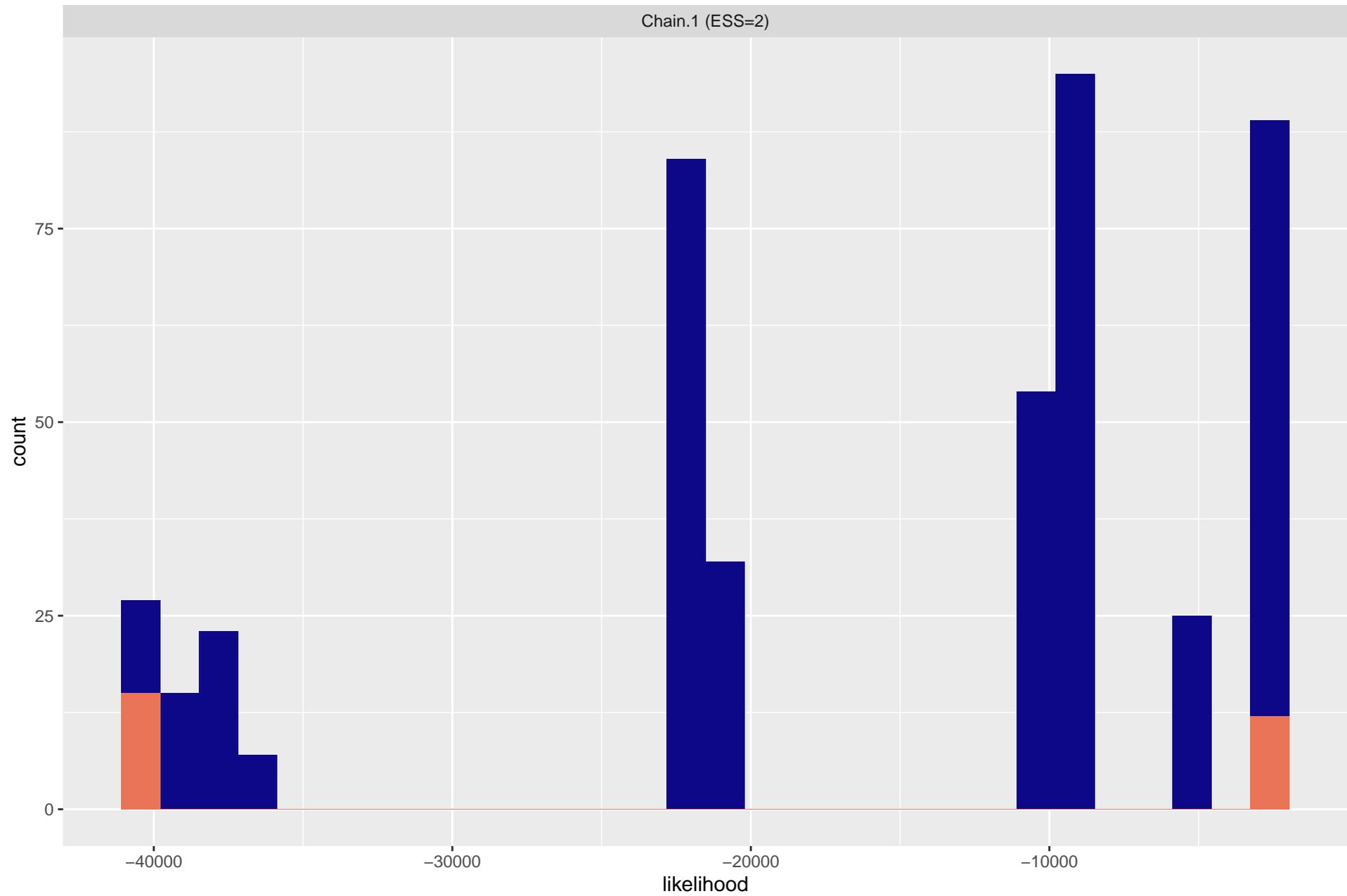
likelihood trace

Chain.1 (ESS=2)

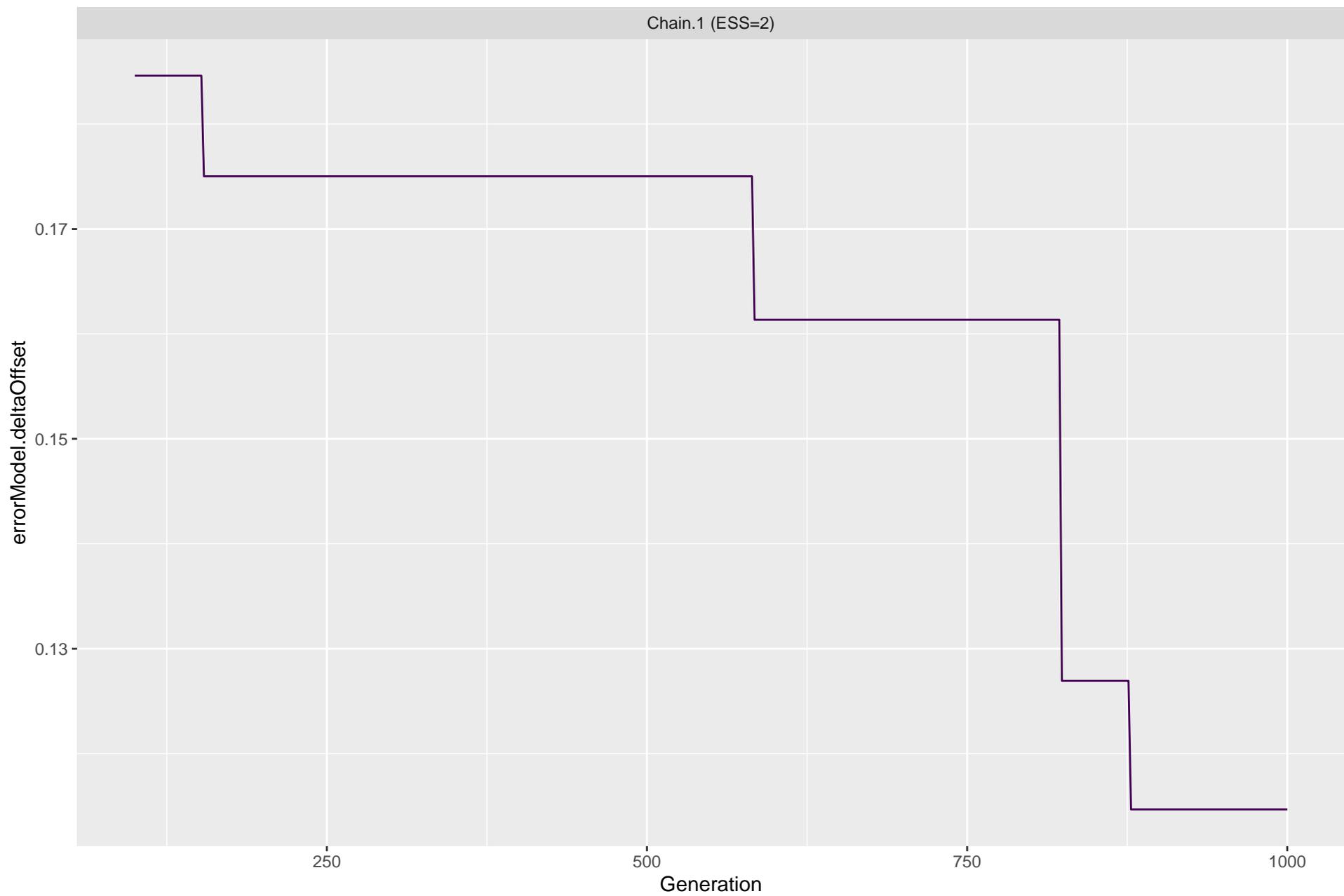


likelihood trace

Chain.1 (ESS=2)

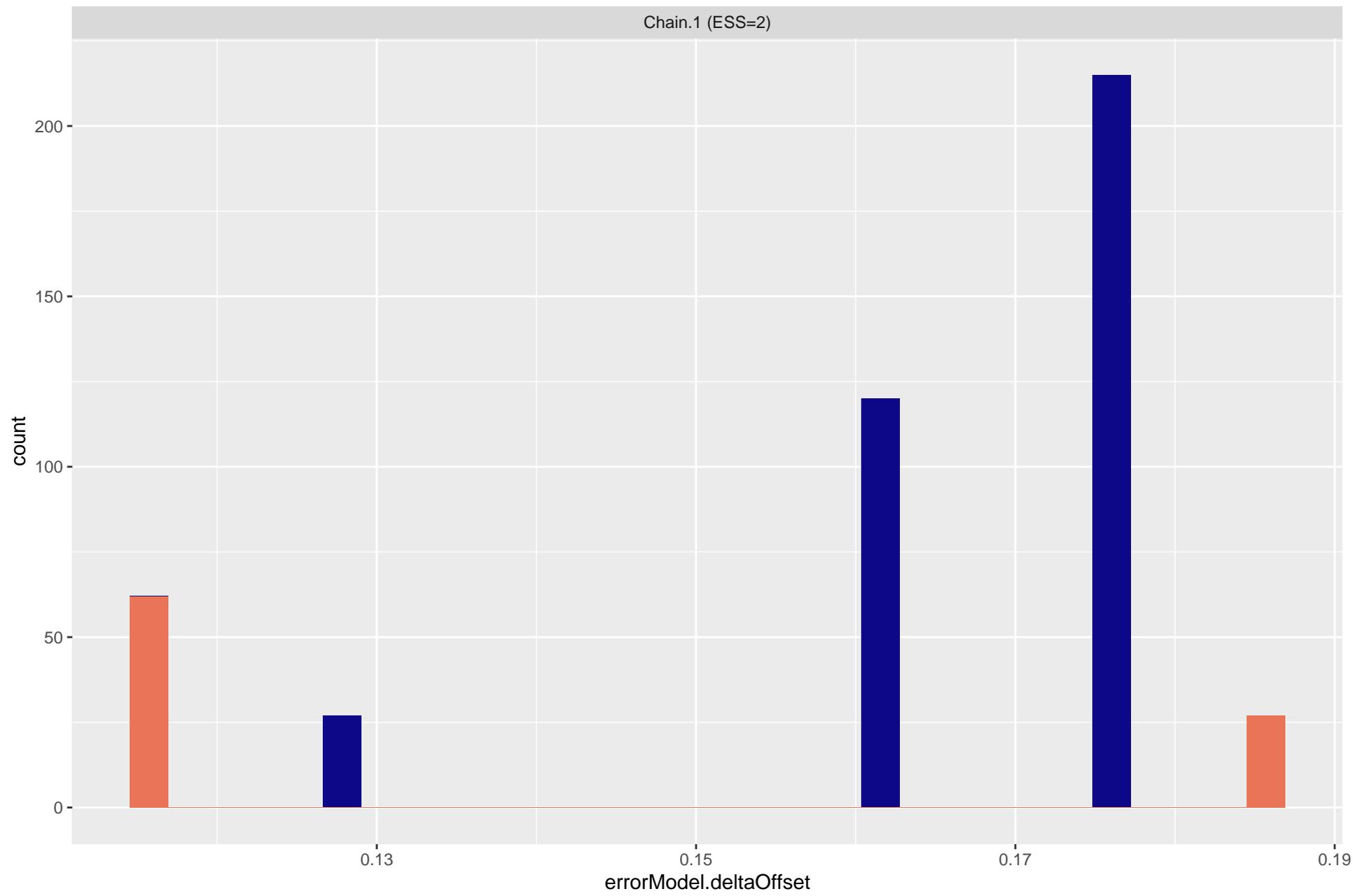


errorModel.deltaOffset trace

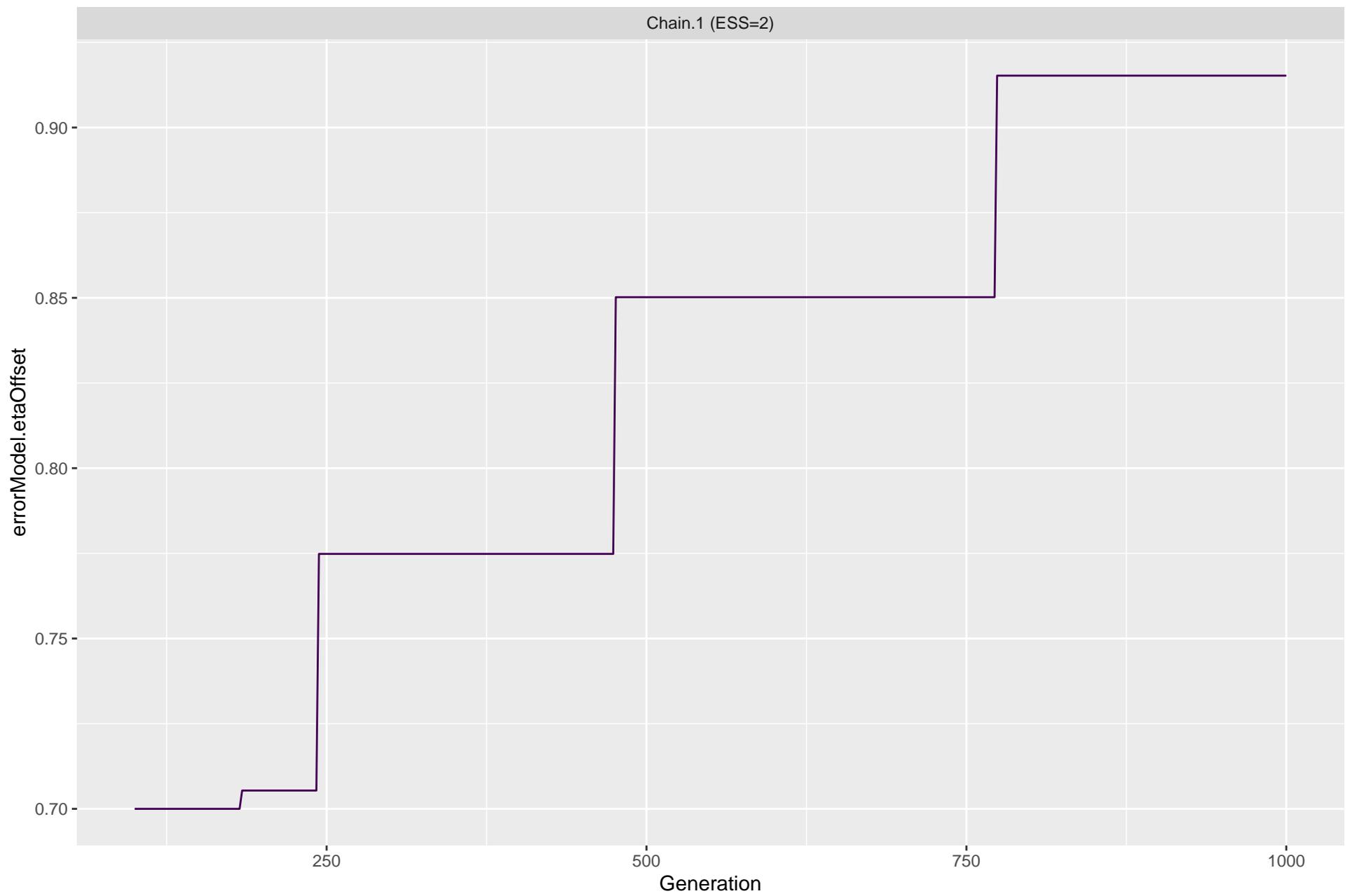


errorModel.deltaOffset trace

Chain.1 (ESS=2)

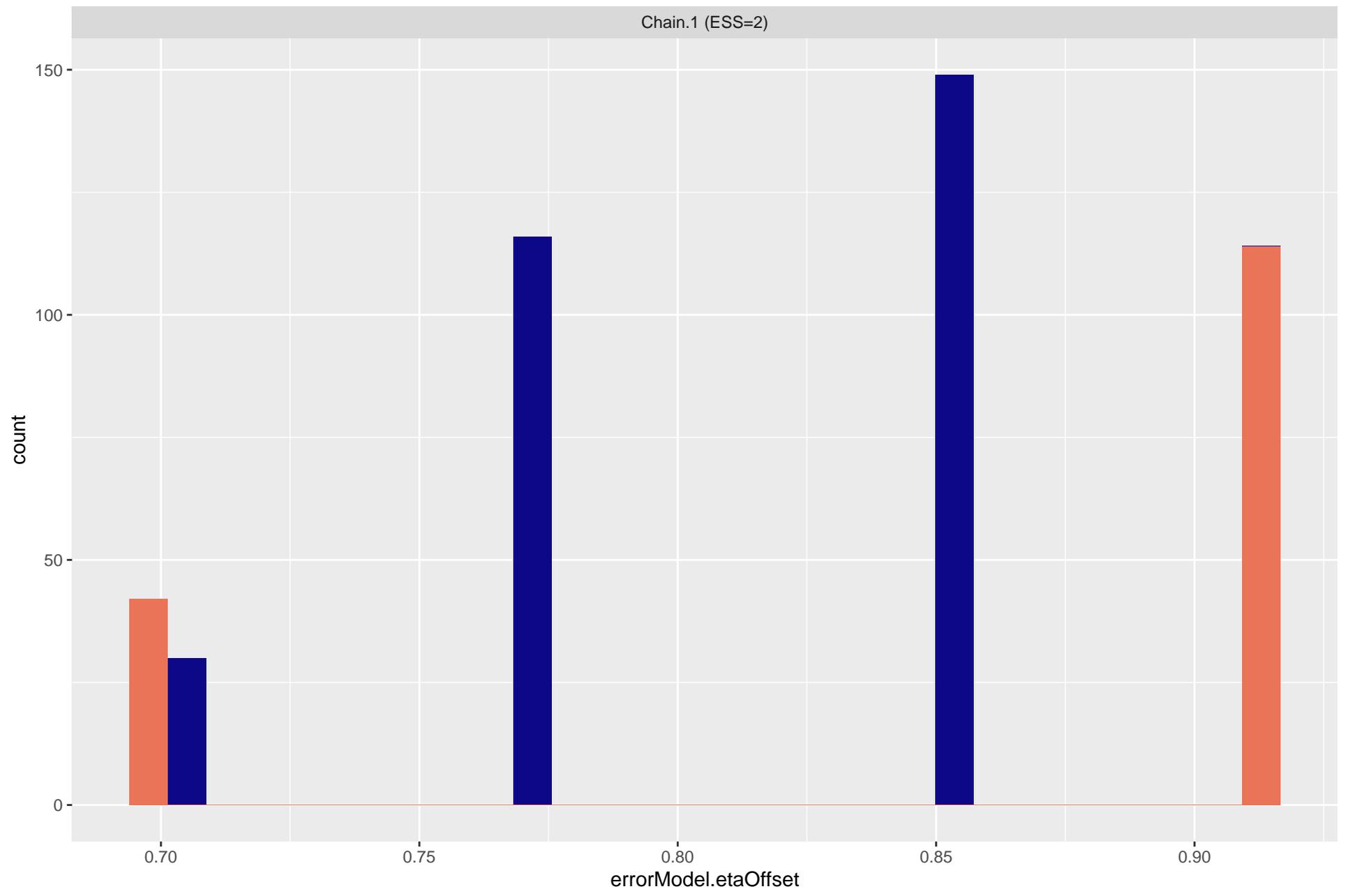


errorModel.etaOffset trace

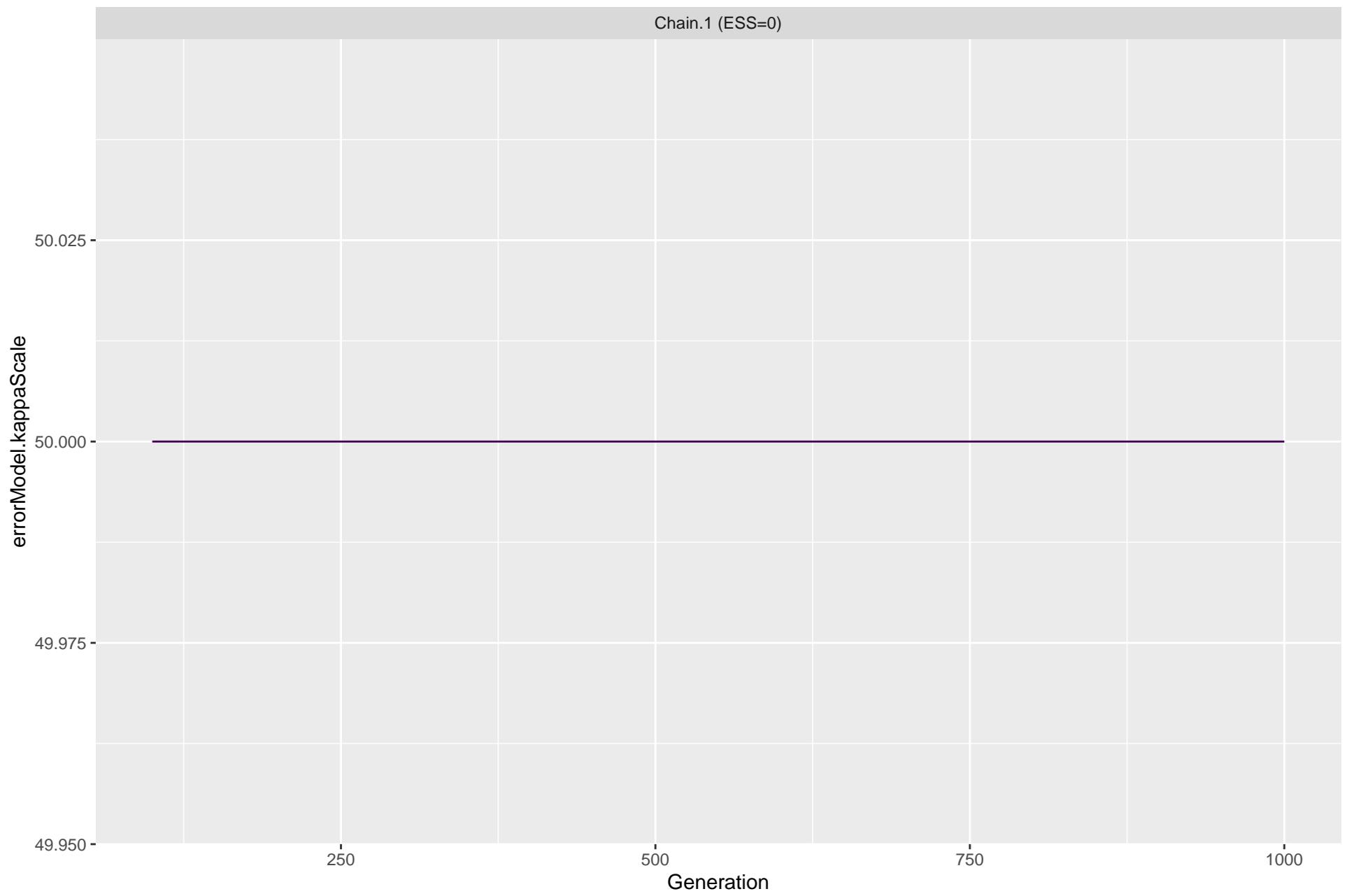


errorModel.etaOffset trace

Chain.1 (ESS=2)



errorModel.kappaScale trace



errorModel.kappaScale trace

Chain.1 (ESS=0)

count

400

300

200

100

0

49.950

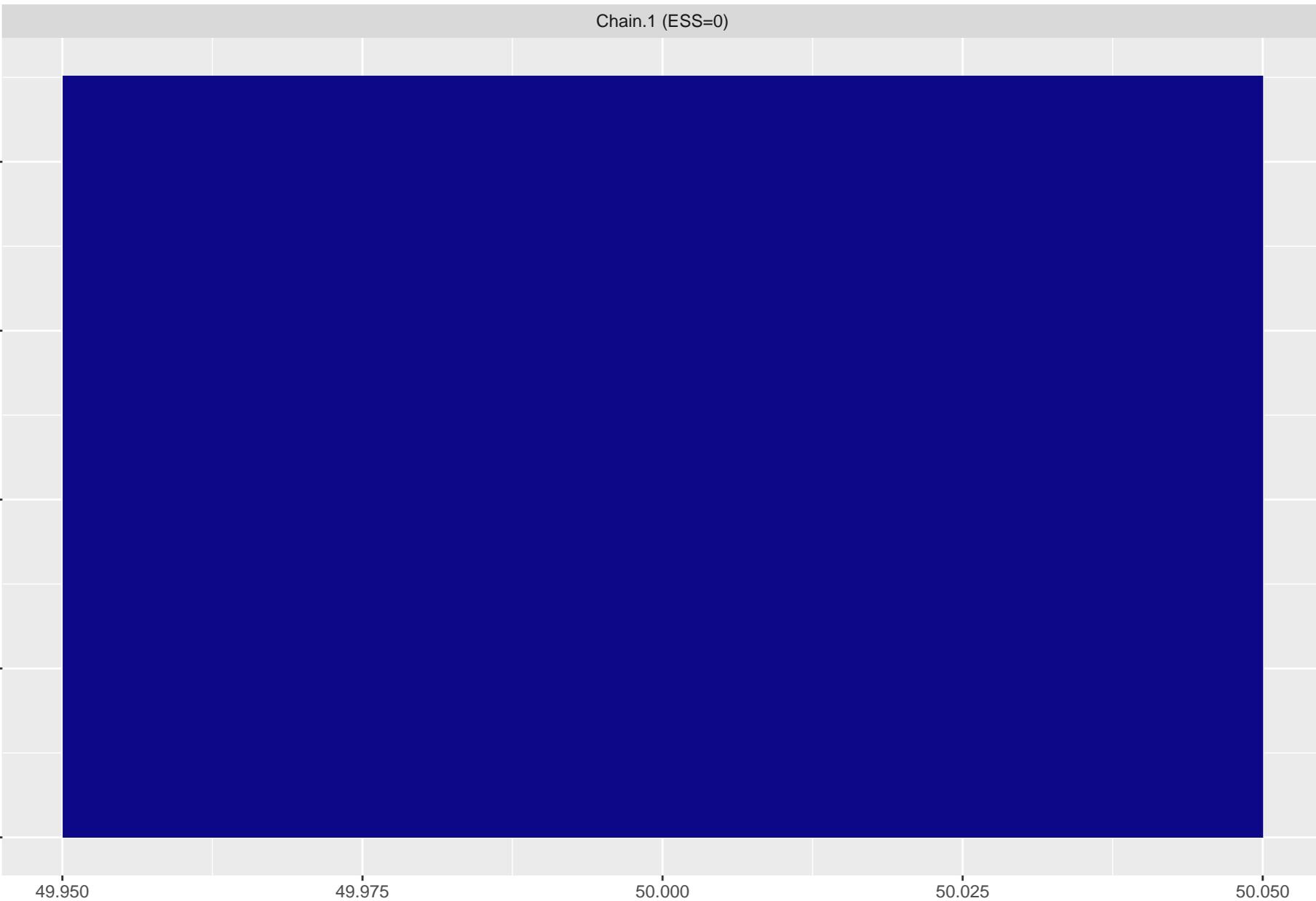
49.975

50.000

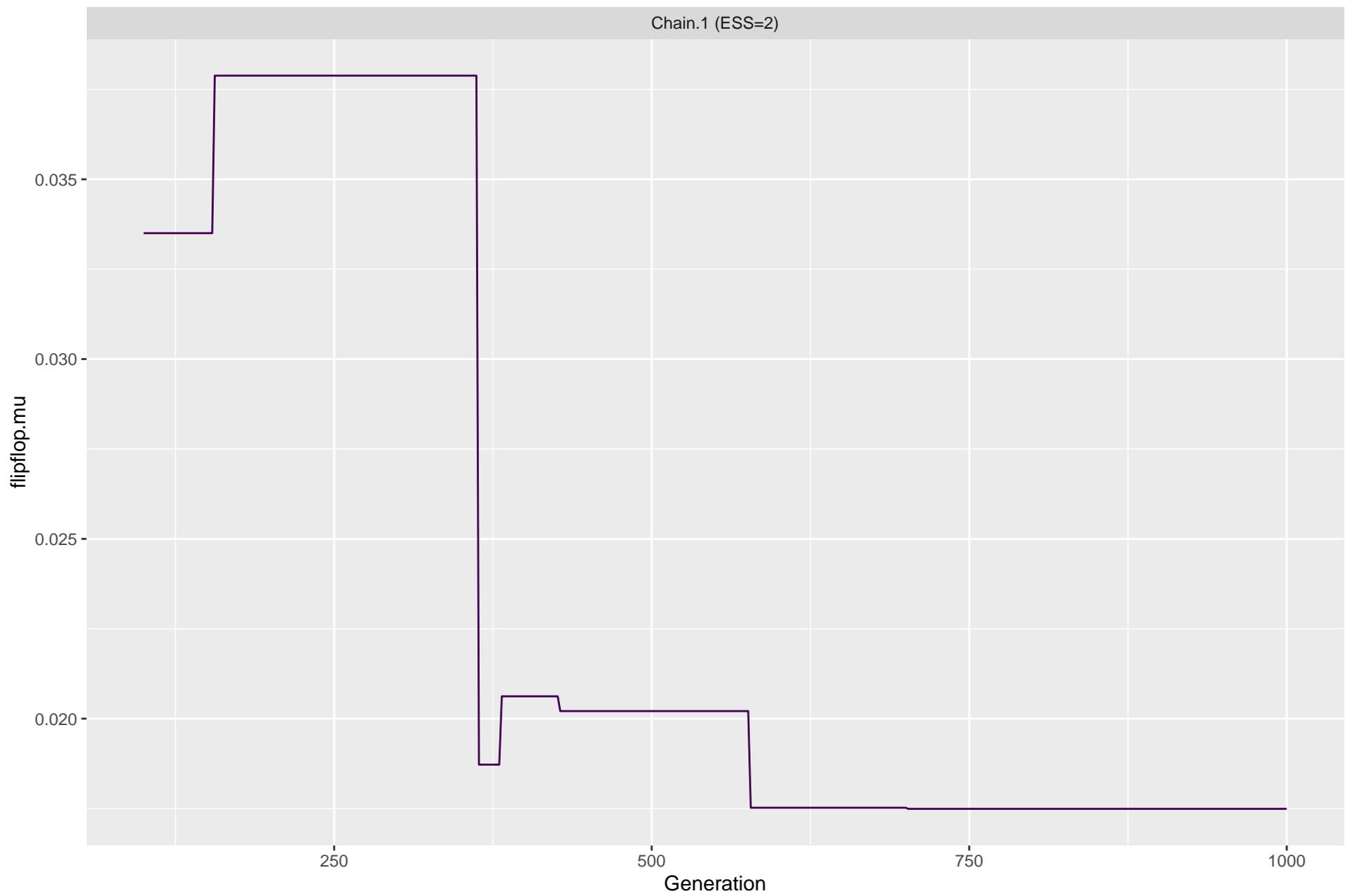
50.025

50.050

errorModel.kappaScale

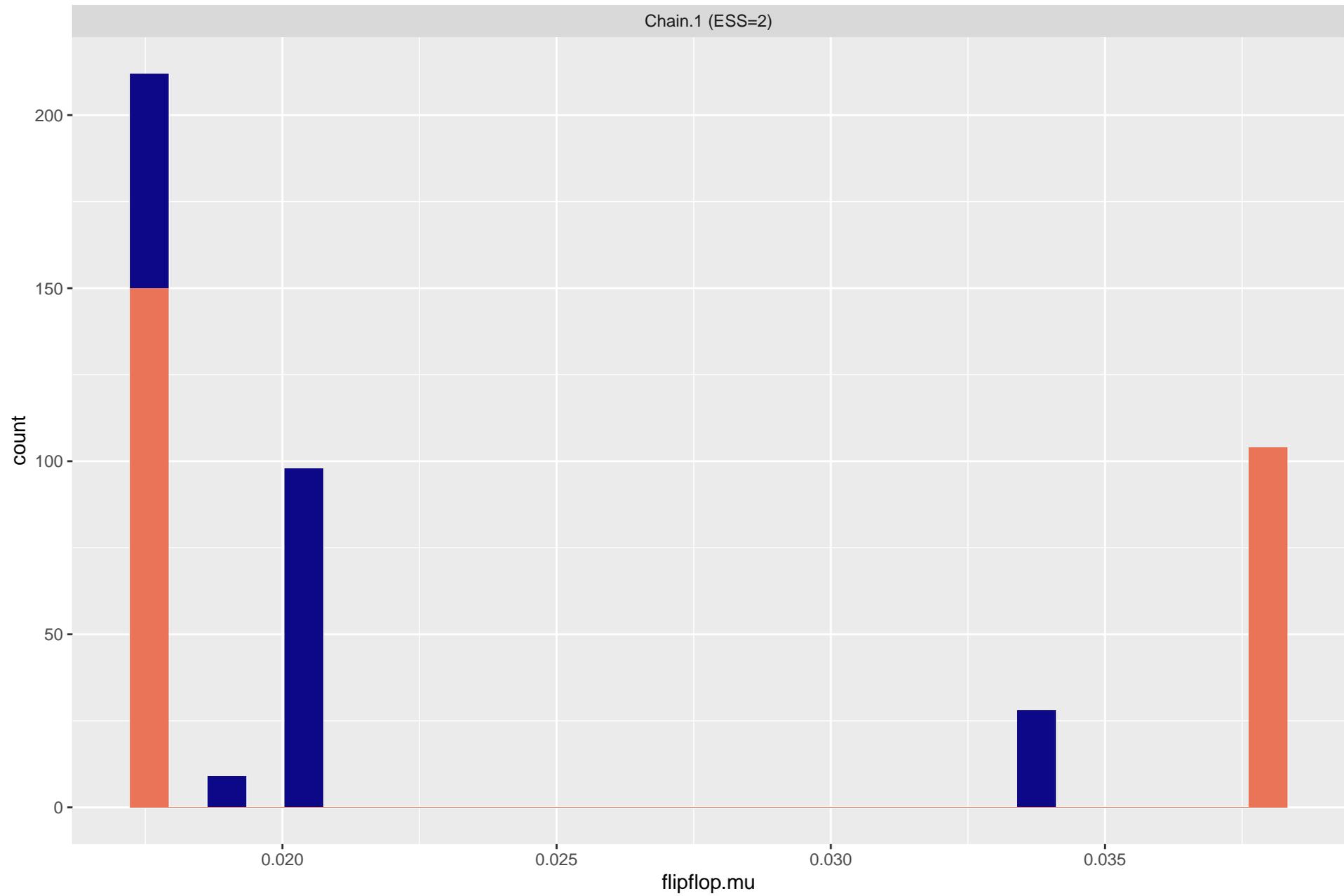


flipflop.mu trace

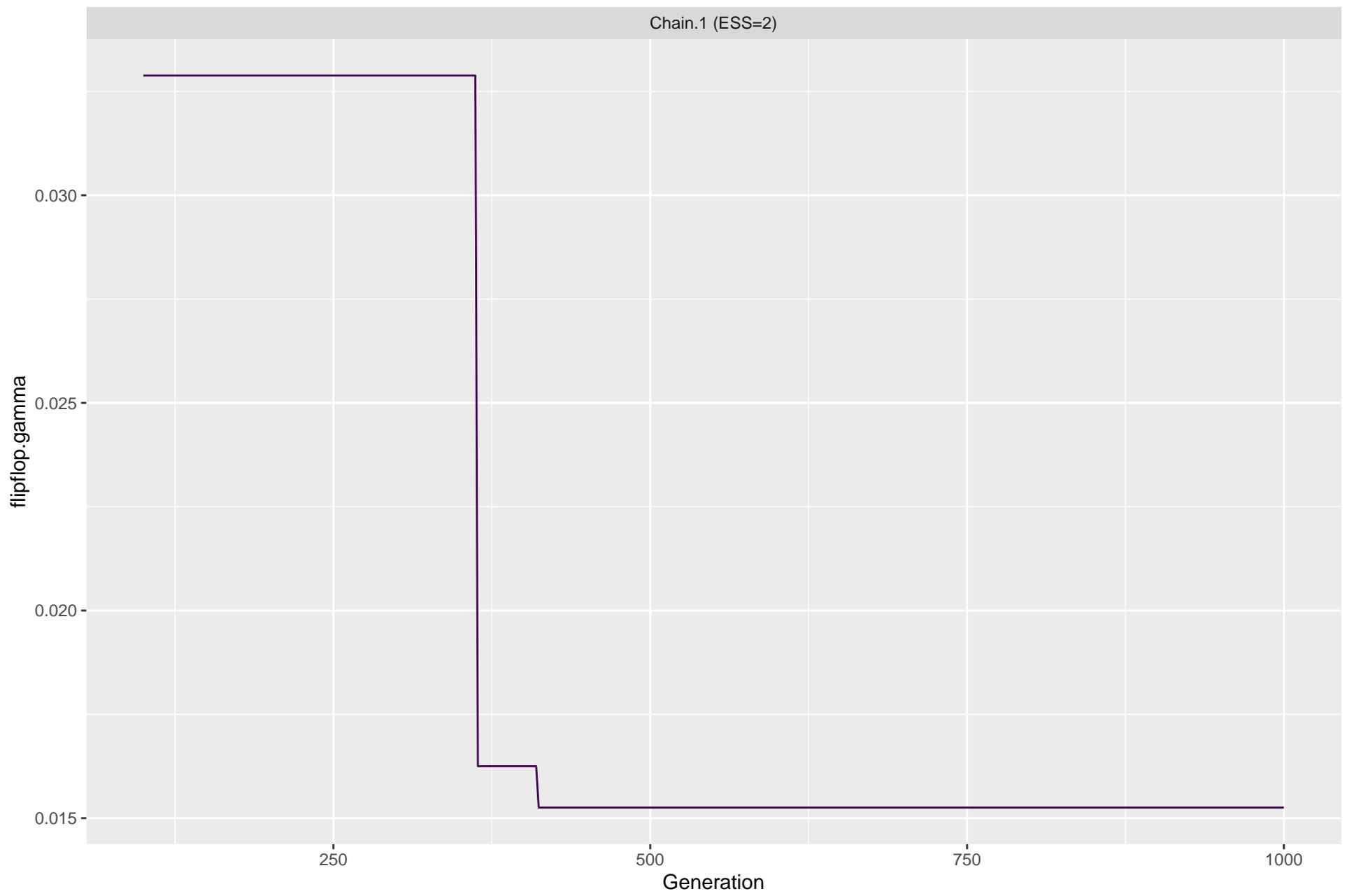


flipflop.mu trace

Chain.1 (ESS=2)

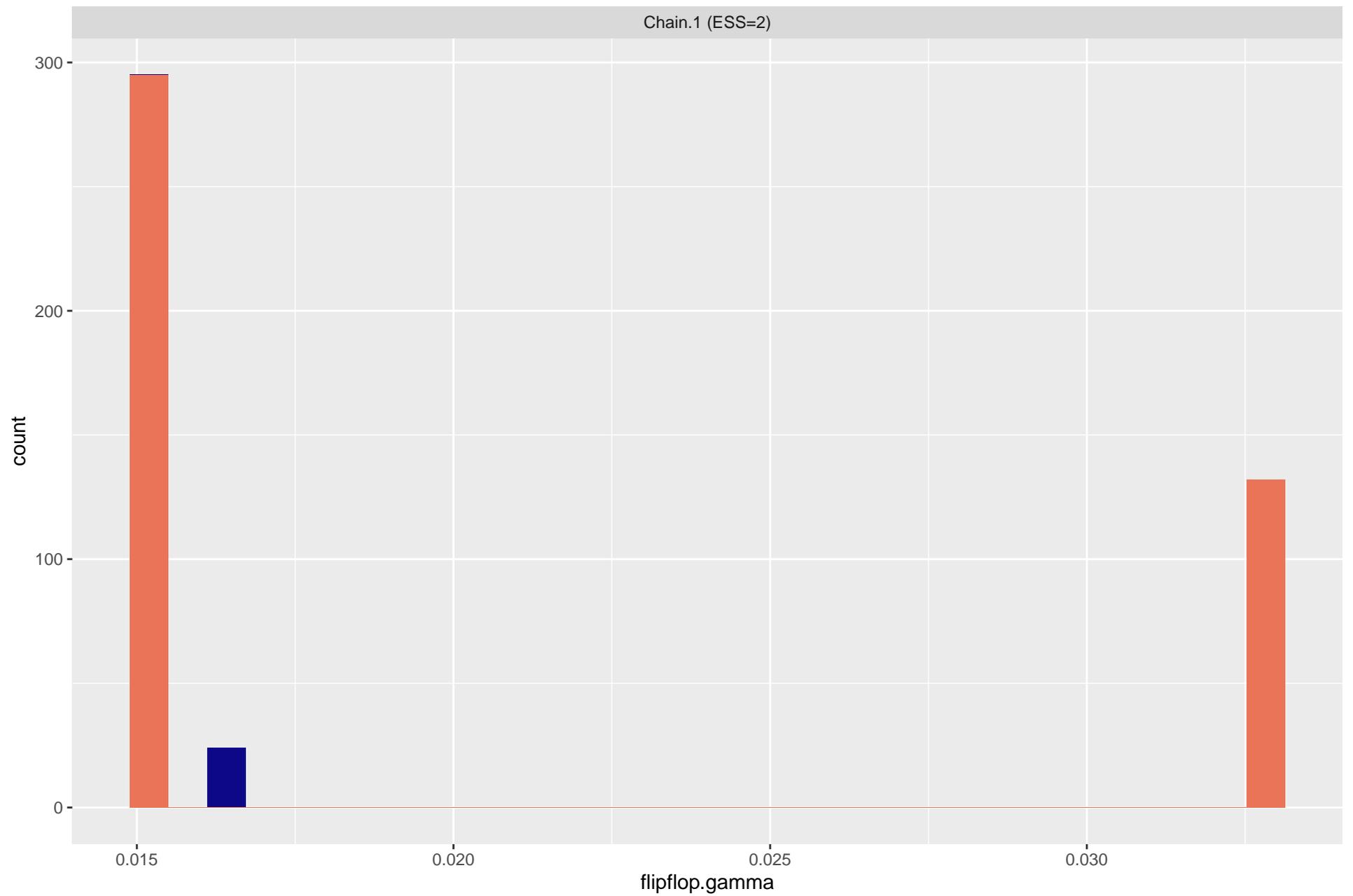


flipflop.gamma trace

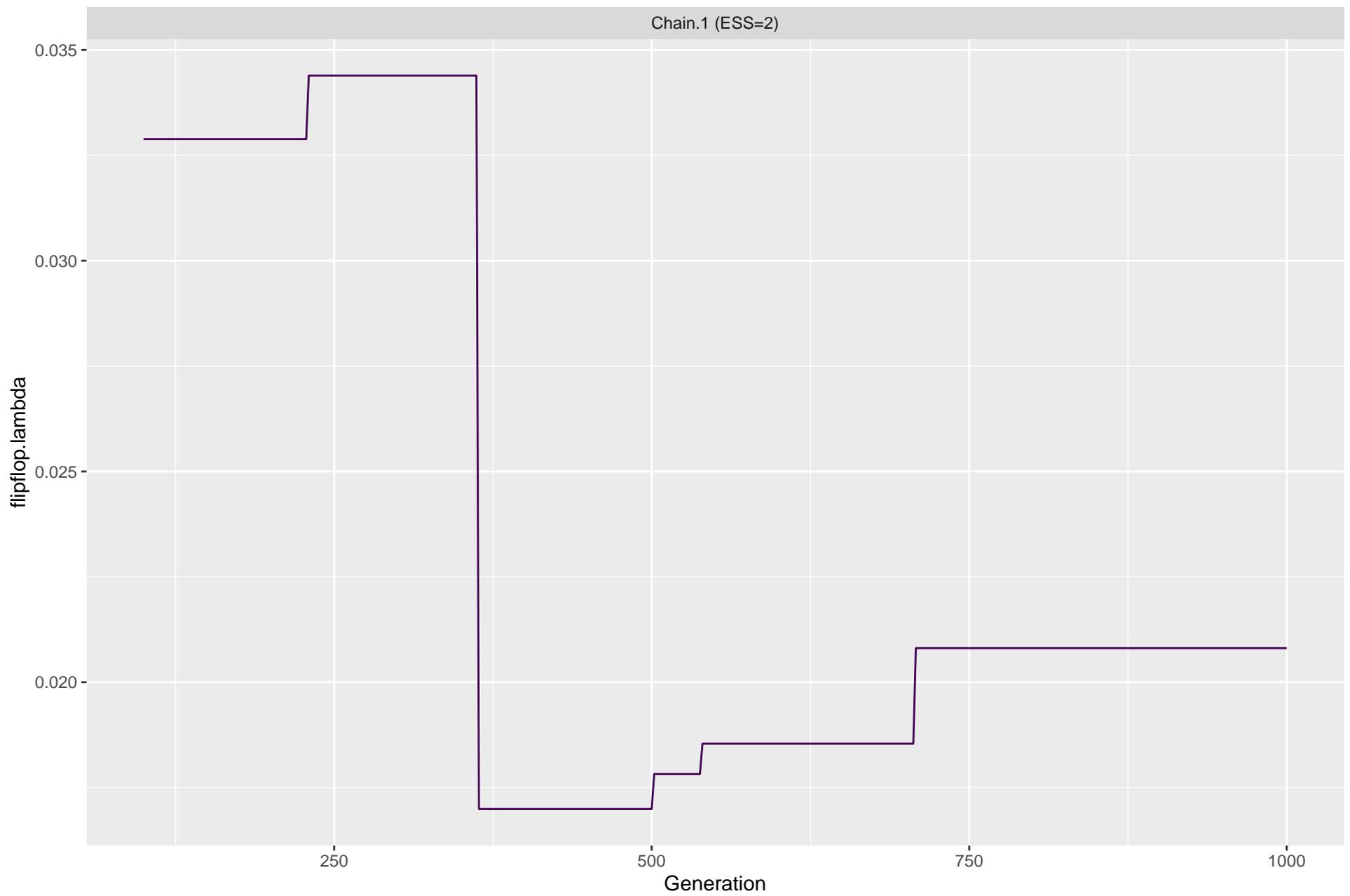


flipflop.gamma trace

Chain.1 (ESS=2)

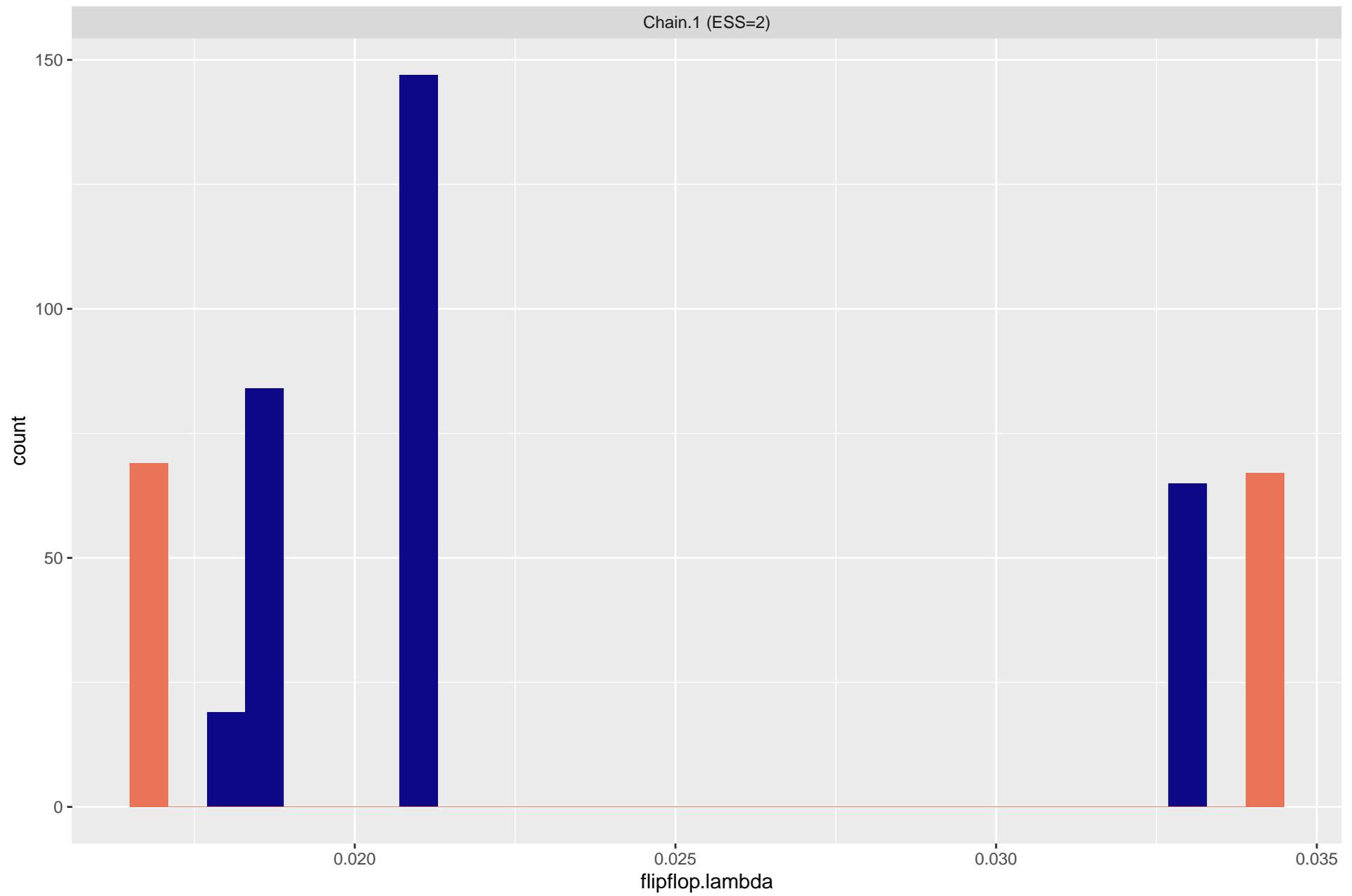


flipflop.lambda trace

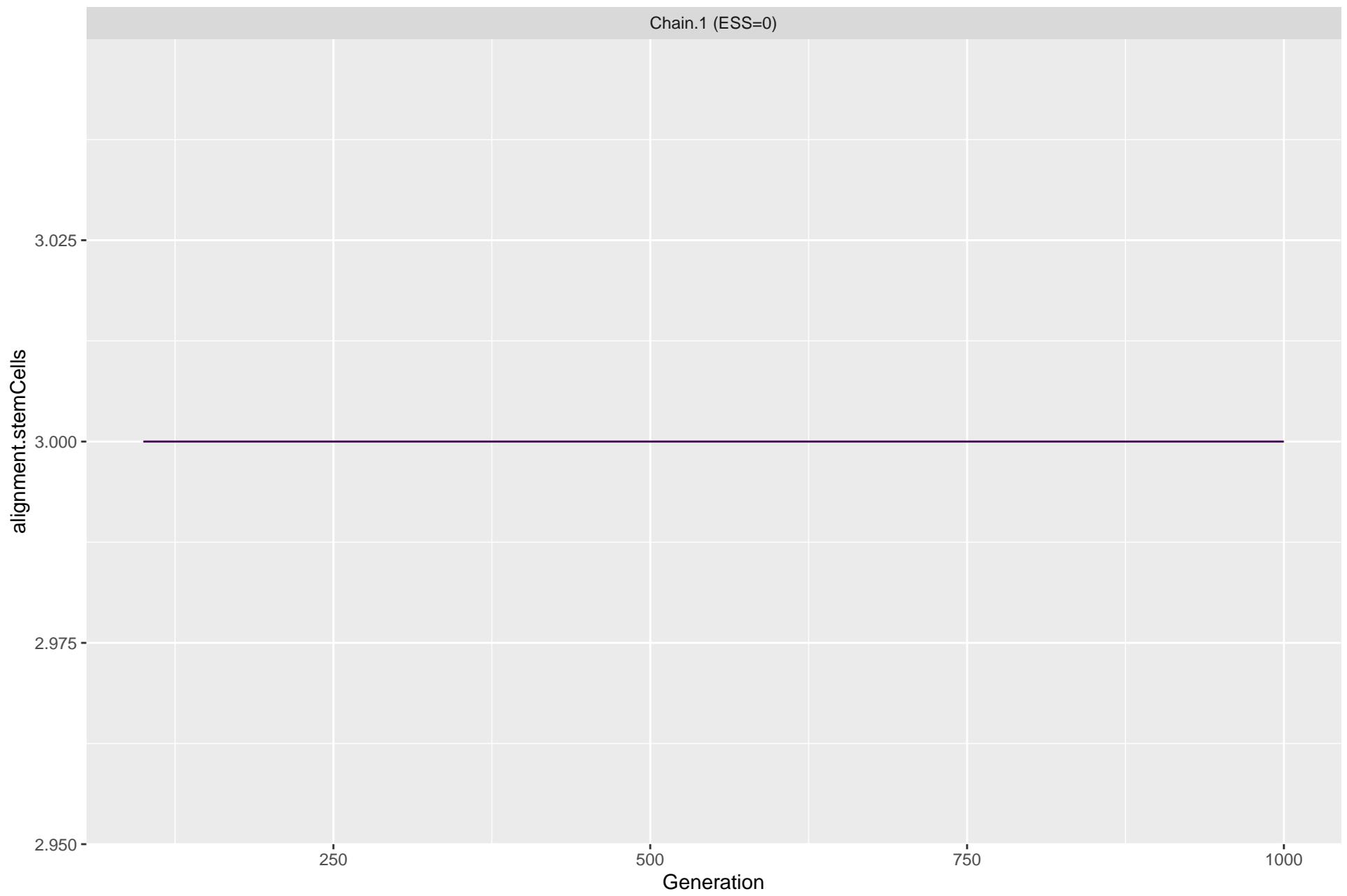


flipflop.lambda trace

Chain.1 (ESS=2)



alignment.stemCells trace



alignment.stemCells trace

Chain.1 (ESS=0)

count

400

300

200

100

0

2.950

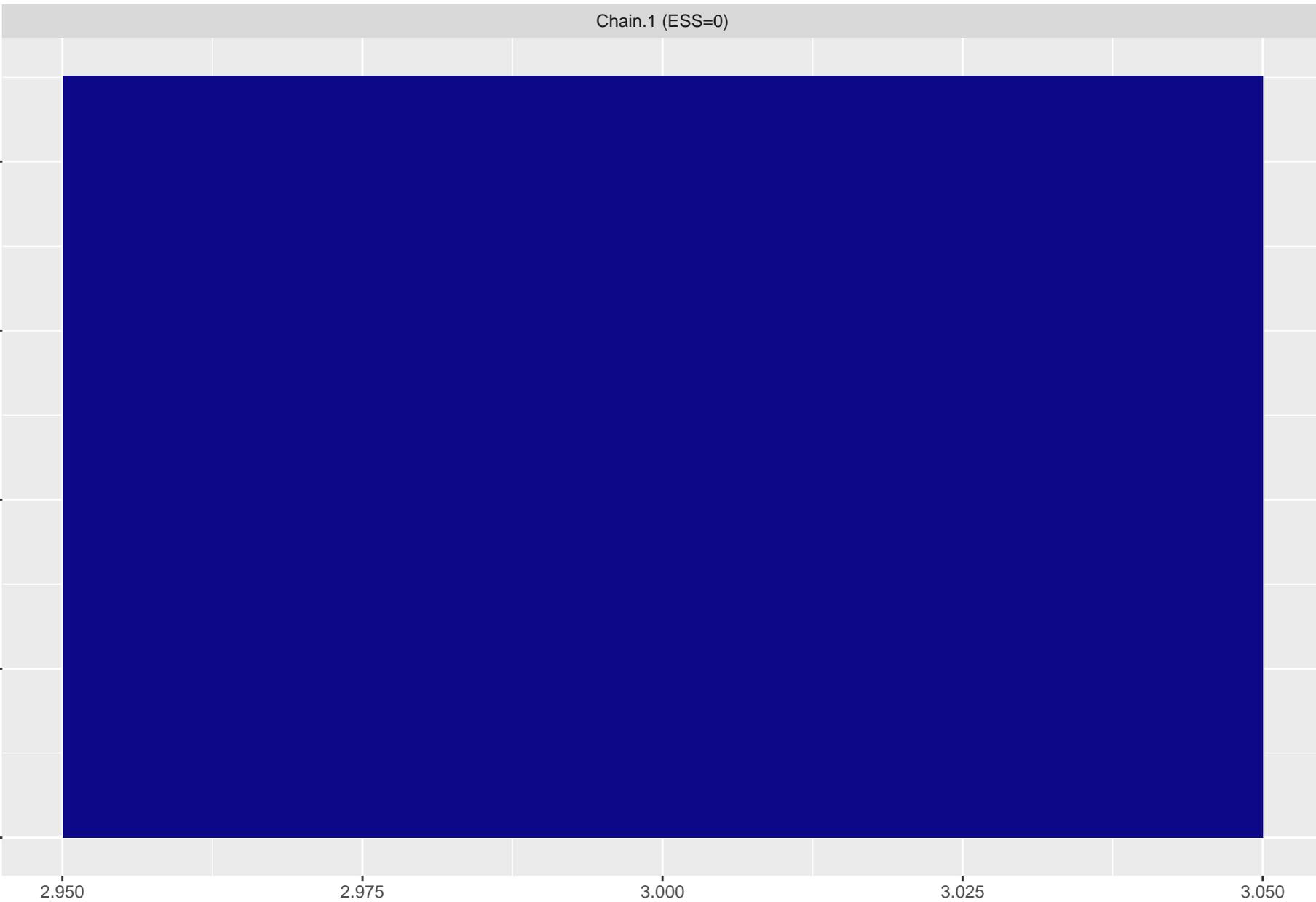
2.975

3.000

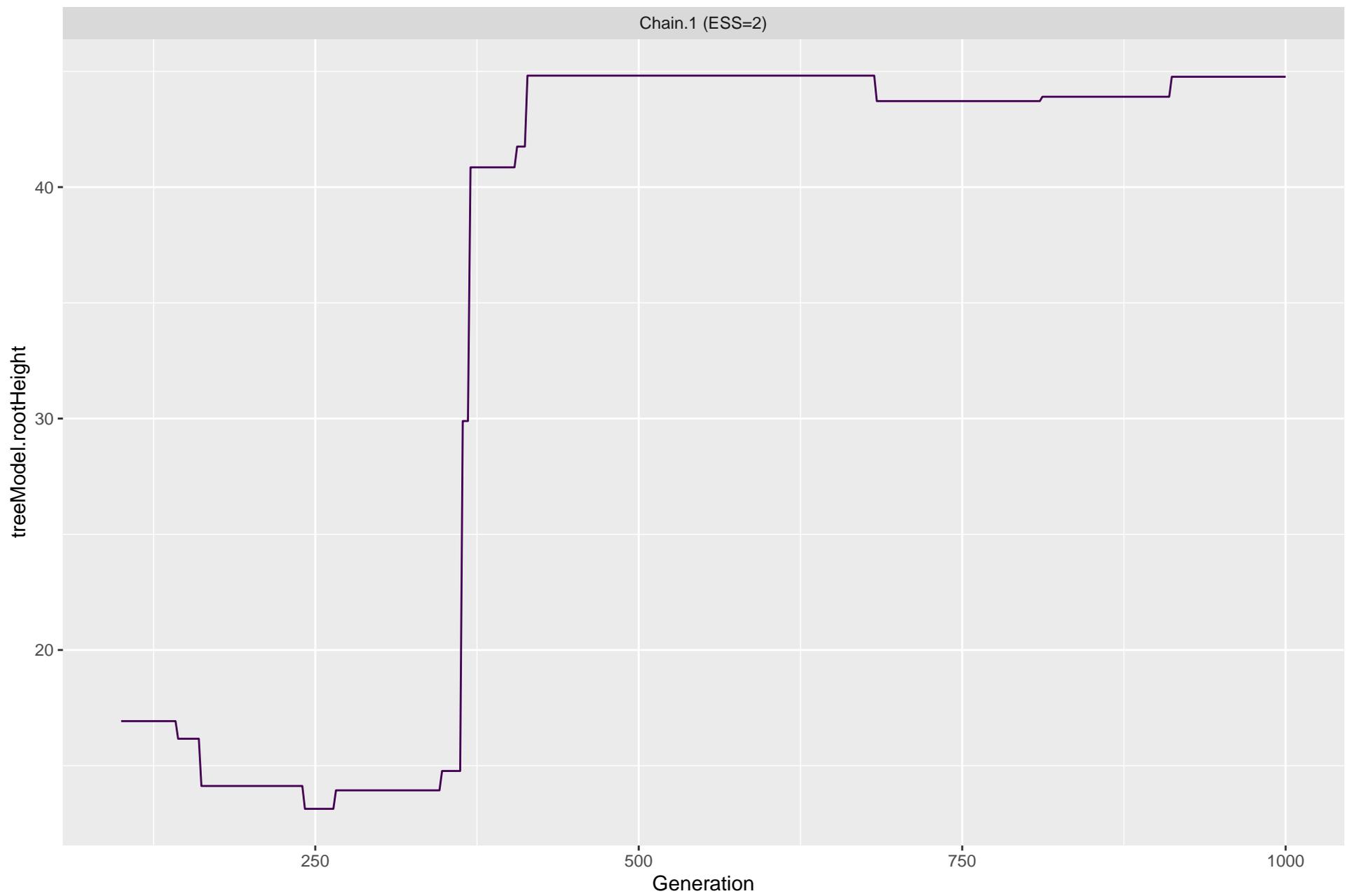
3.025

3.050

alignment.stemCells

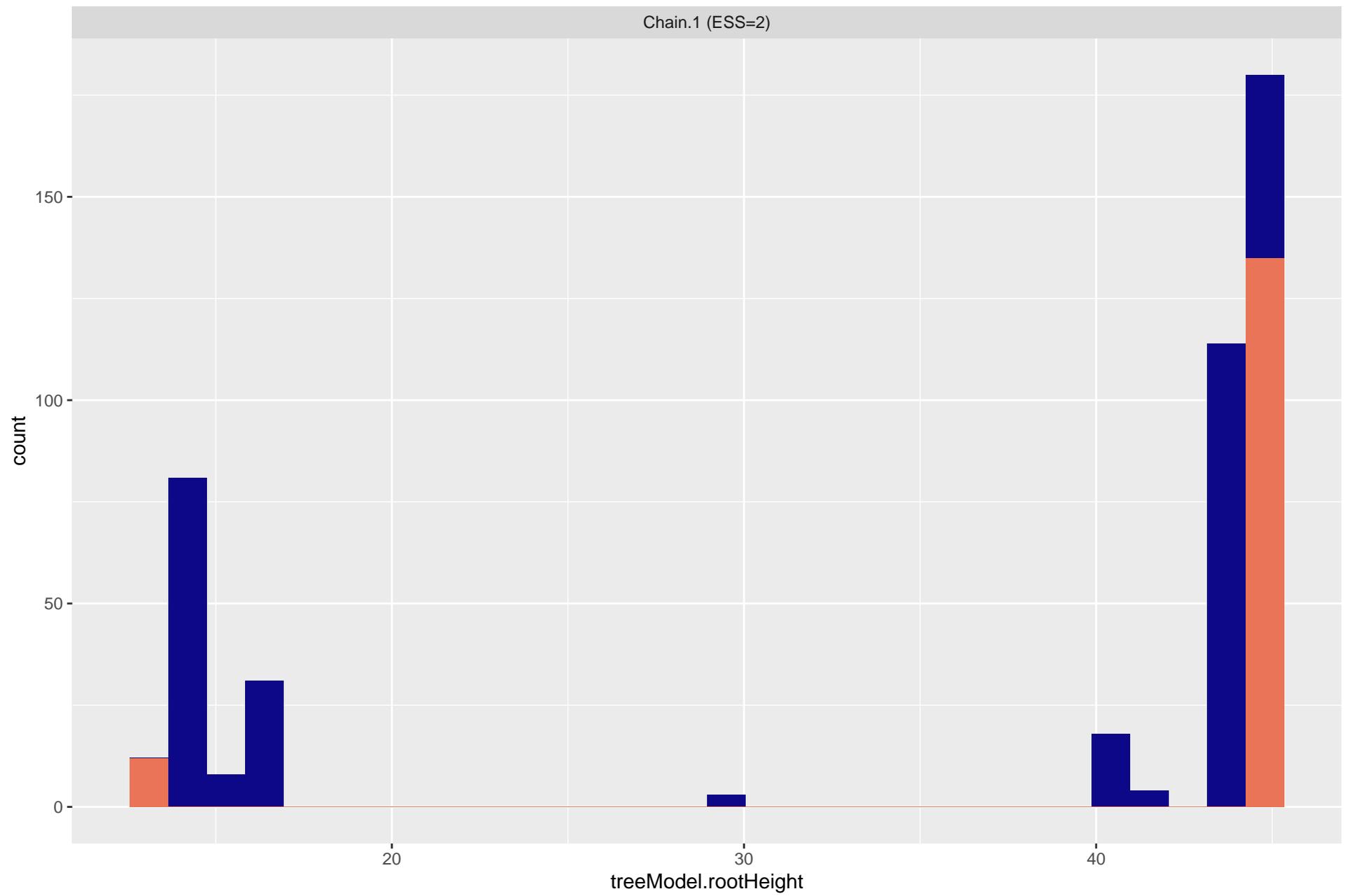


treeModel.rootHeight trace

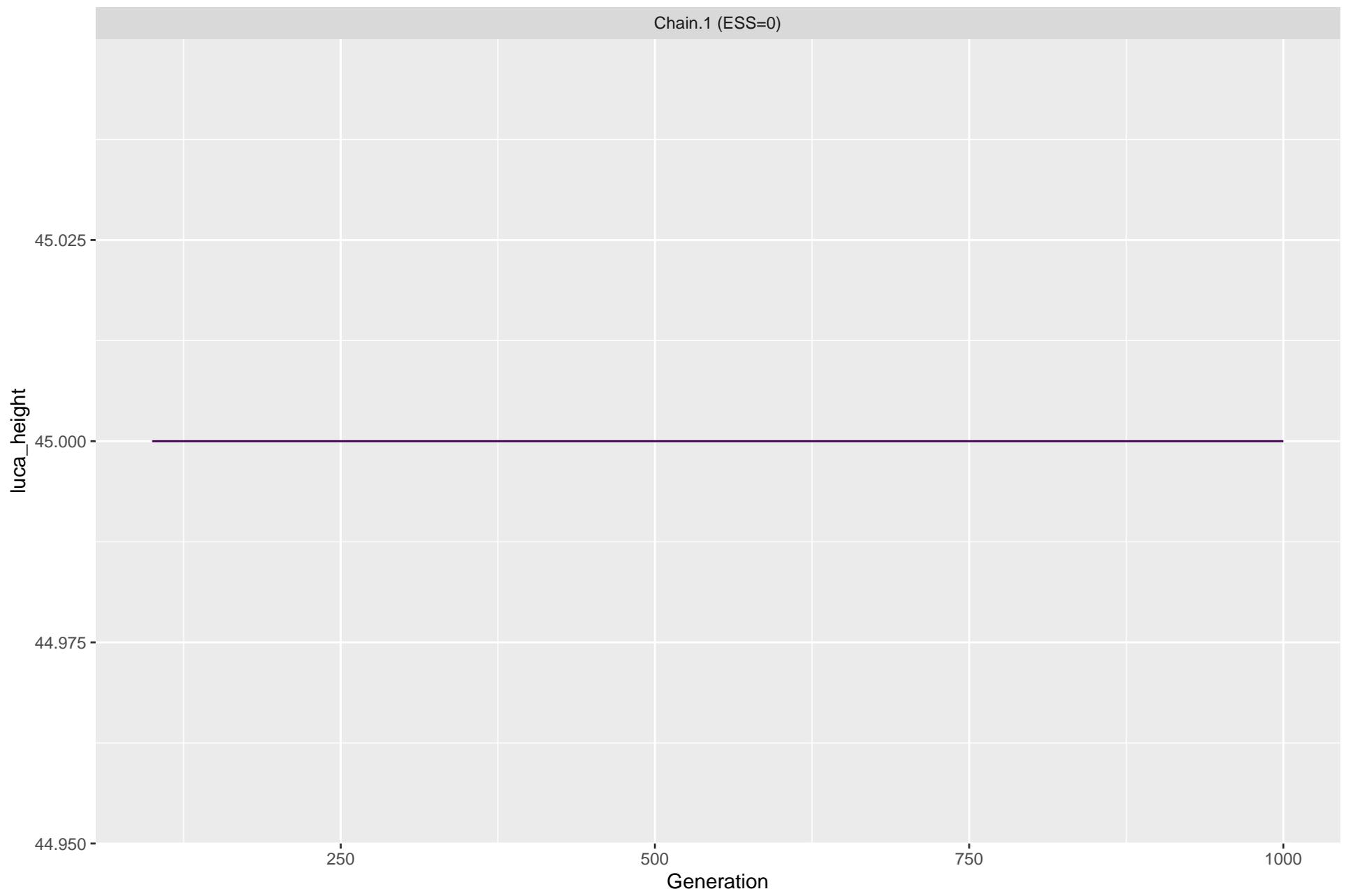


treeModel.rootHeight trace

Chain.1 (ESS=2)

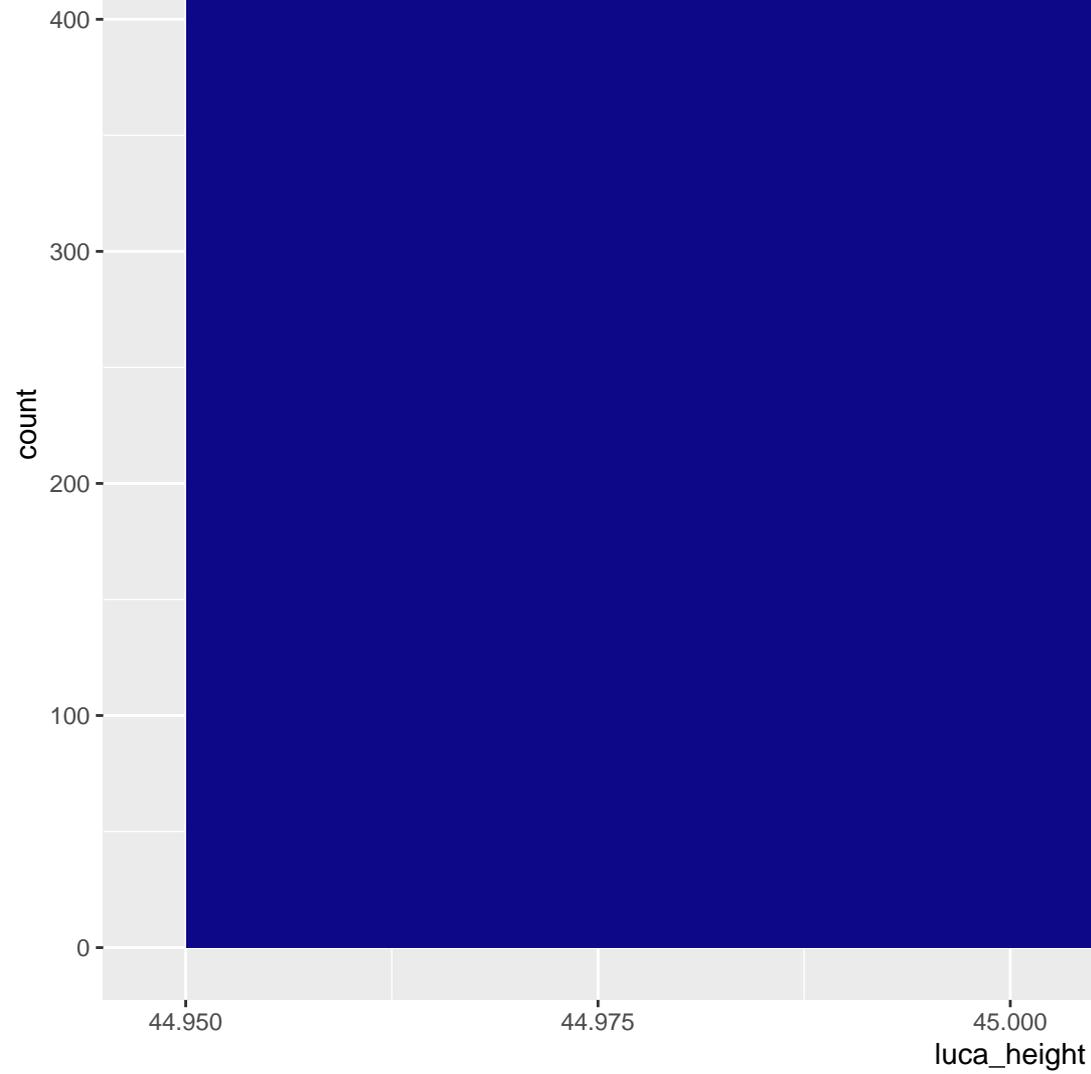


luca_height trace



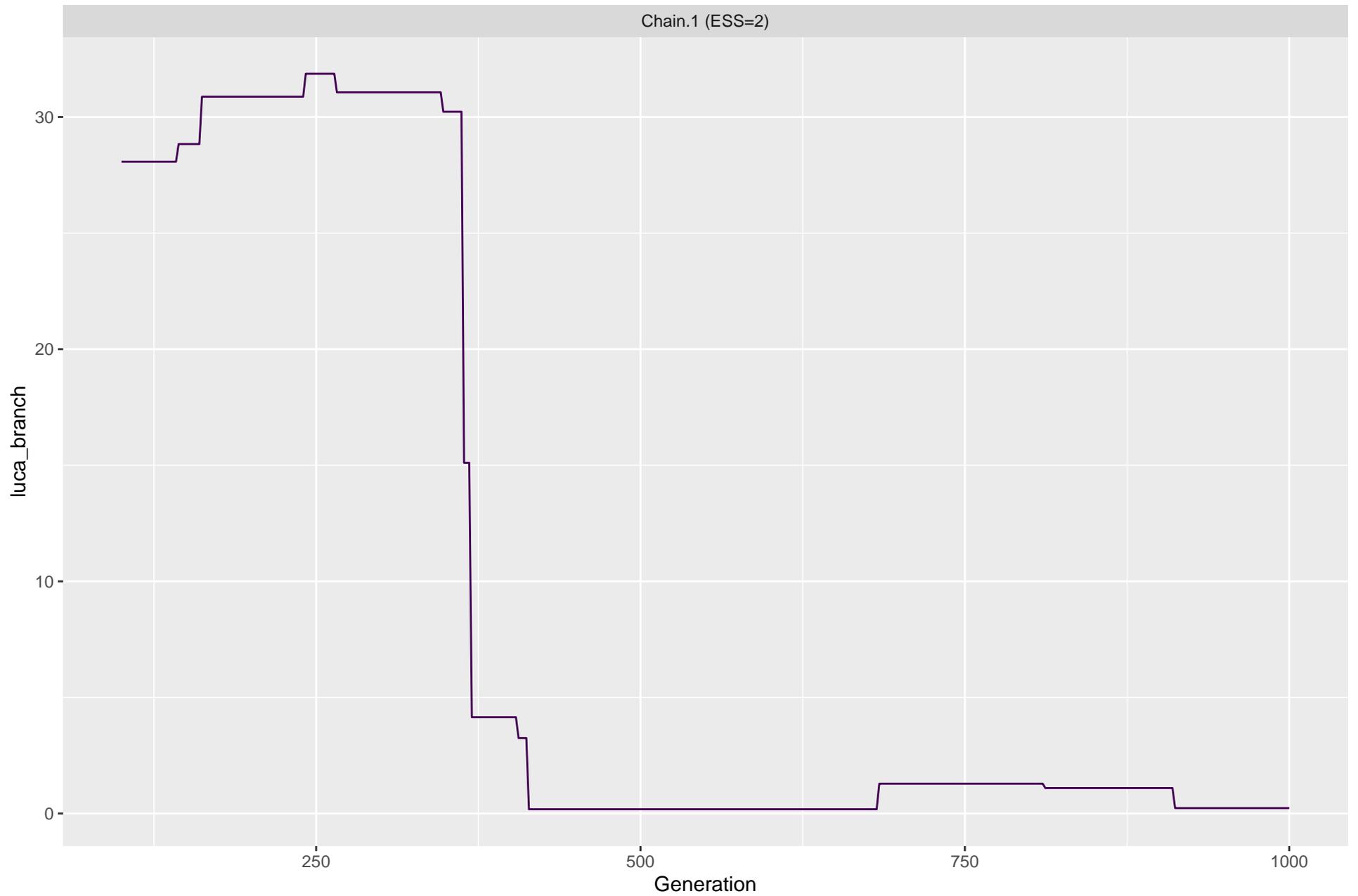
luca_height trace

Chain.1 (ESS=0)



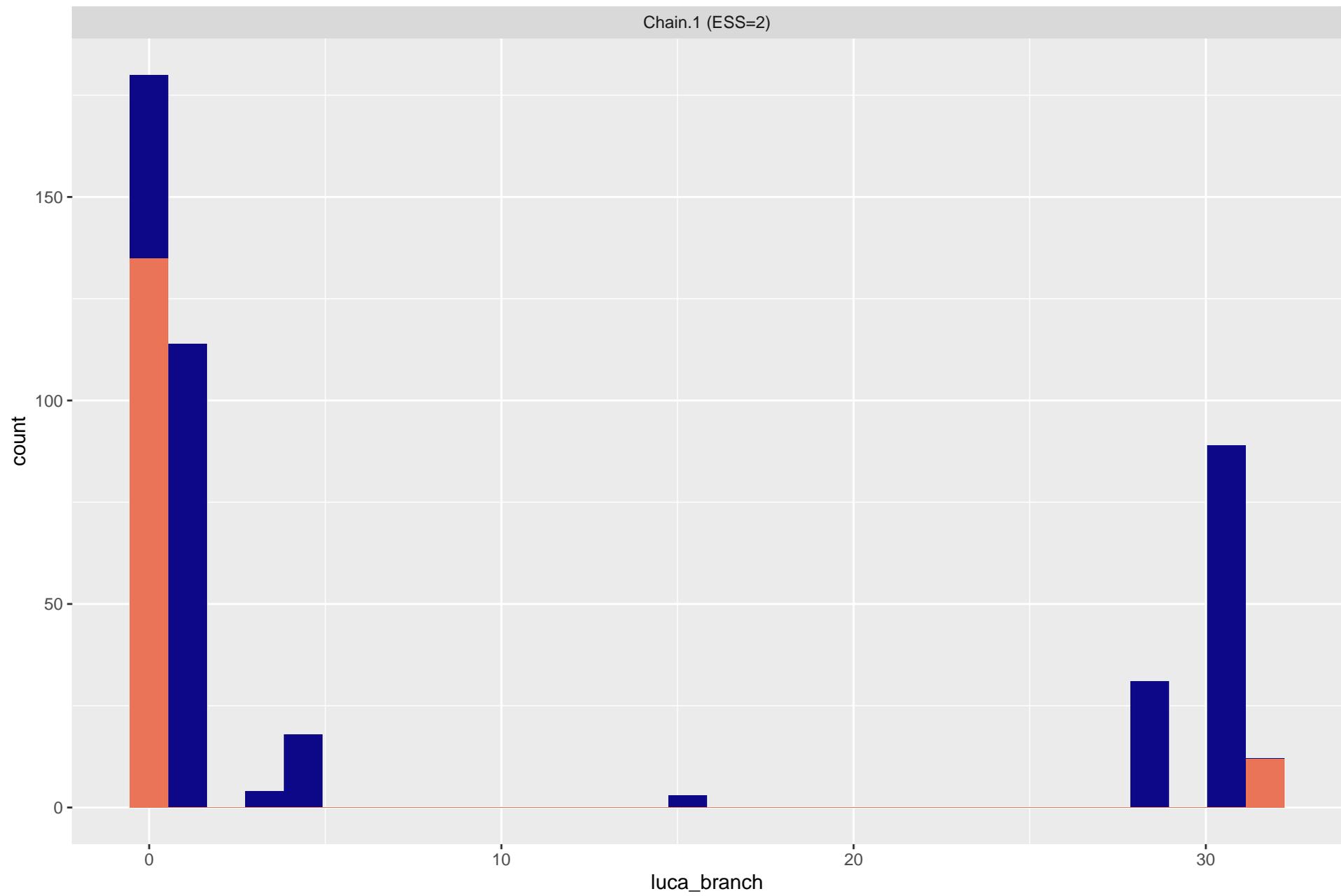
luca_branch trace

Chain.1 (ESS=2)



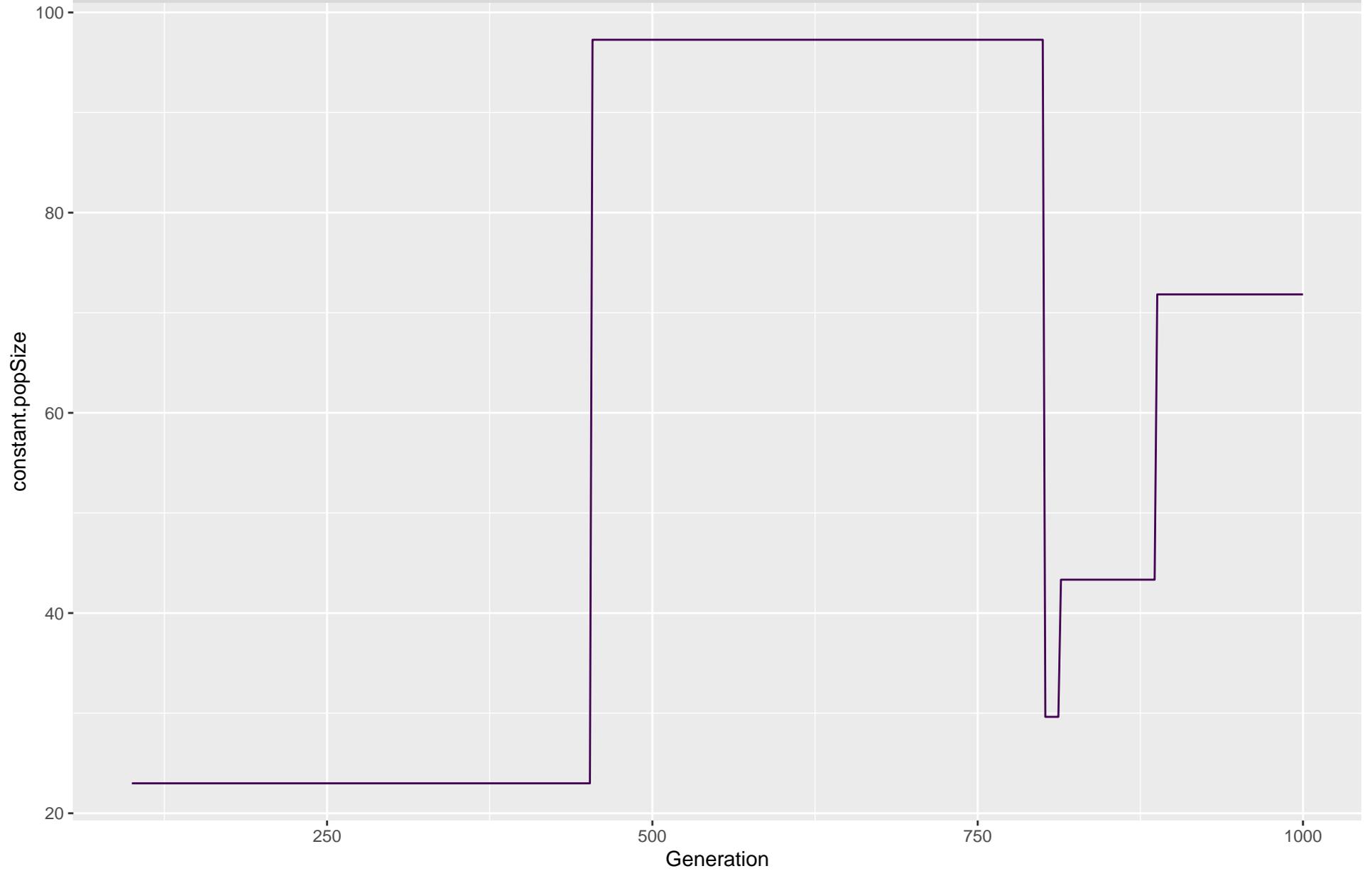
luca_branch trace

Chain.1 (ESS=2)



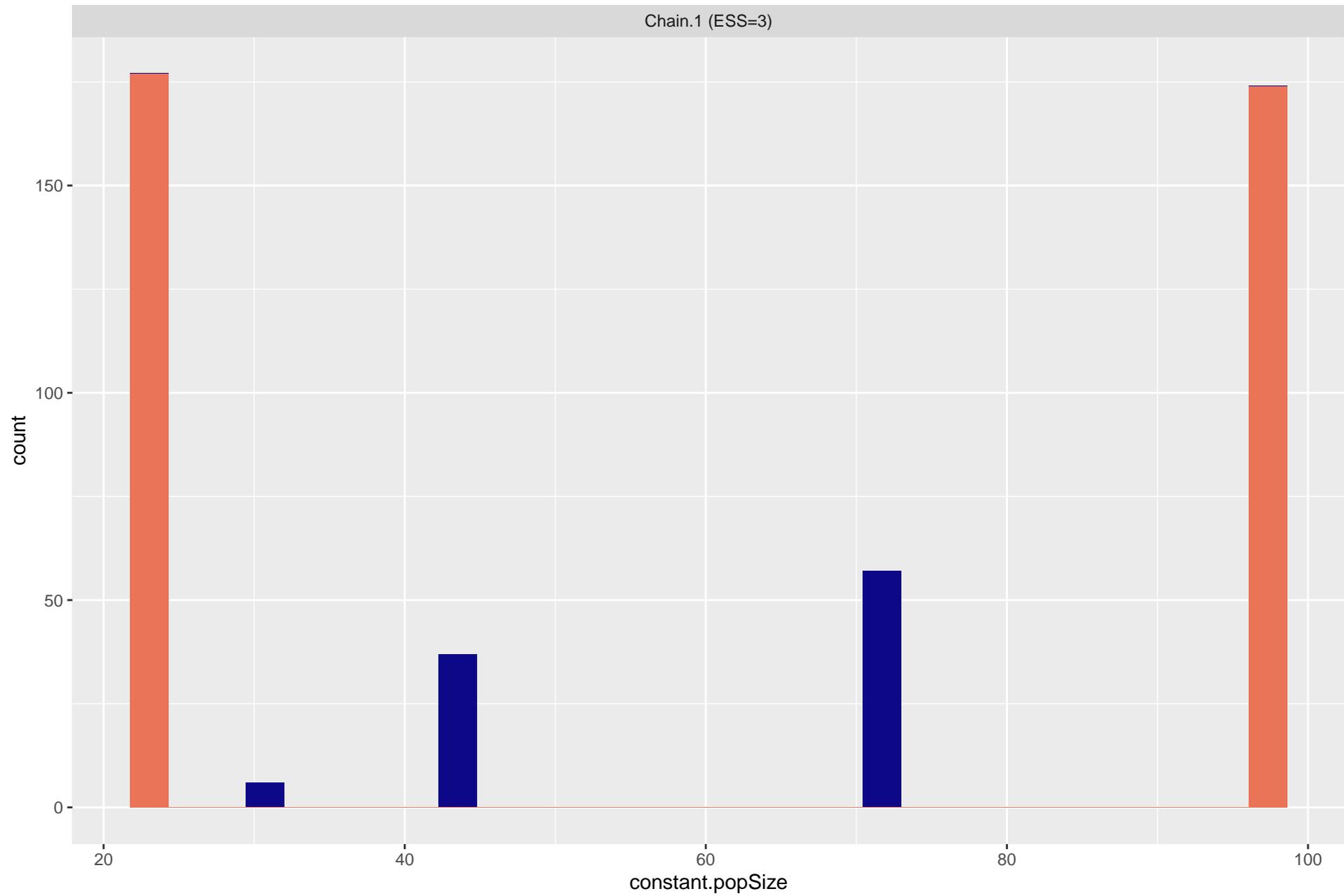
constant.popSize trace

Chain.1 (ESS=3)



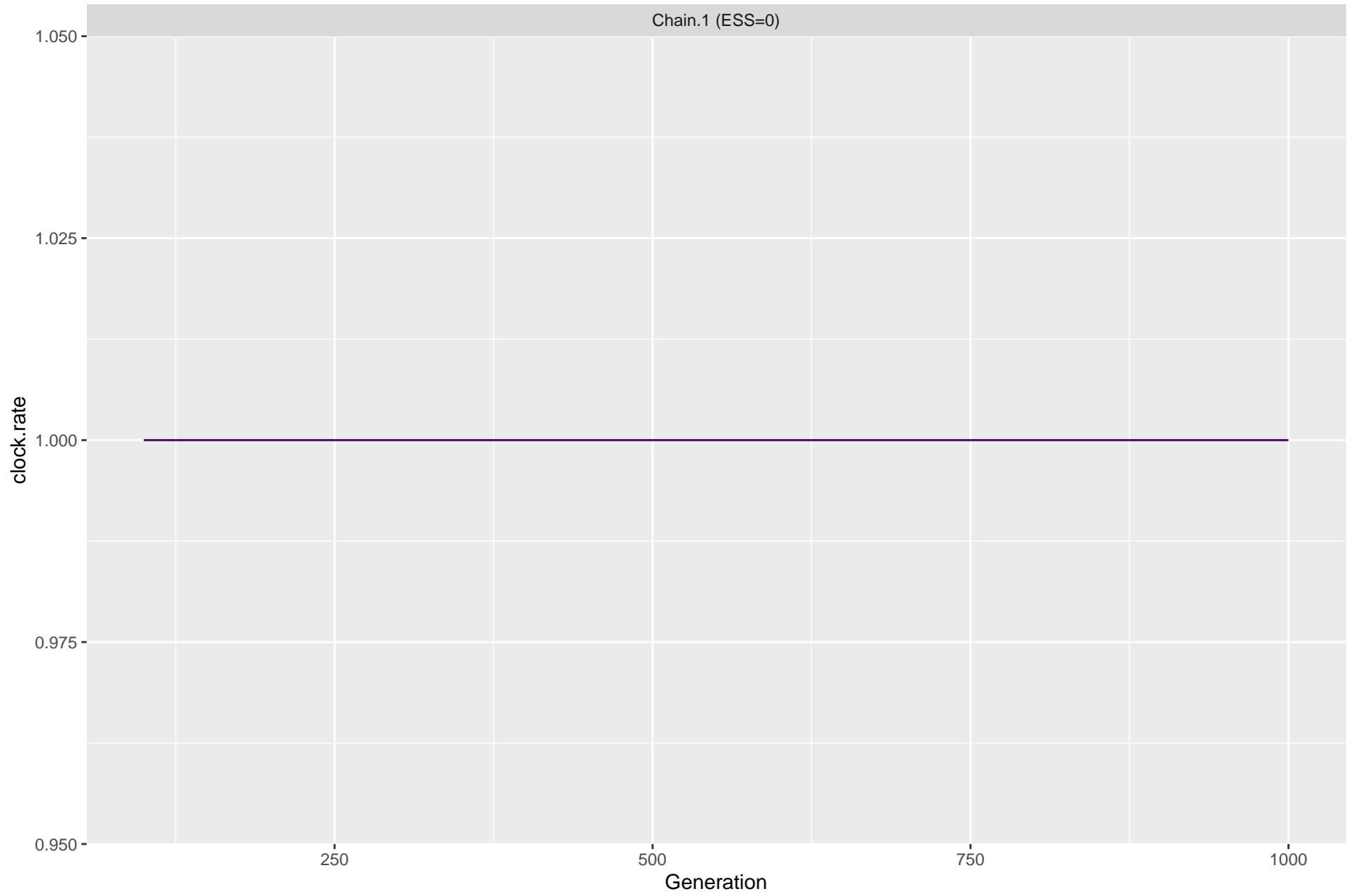
constant.popSize trace

Chain.1 (ESS=3)



clock.rate trace

Chain.1 (ESS=0)



clock.rate trace

Chain.1 (ESS=0)

count

400

300

200

100

0

0.950

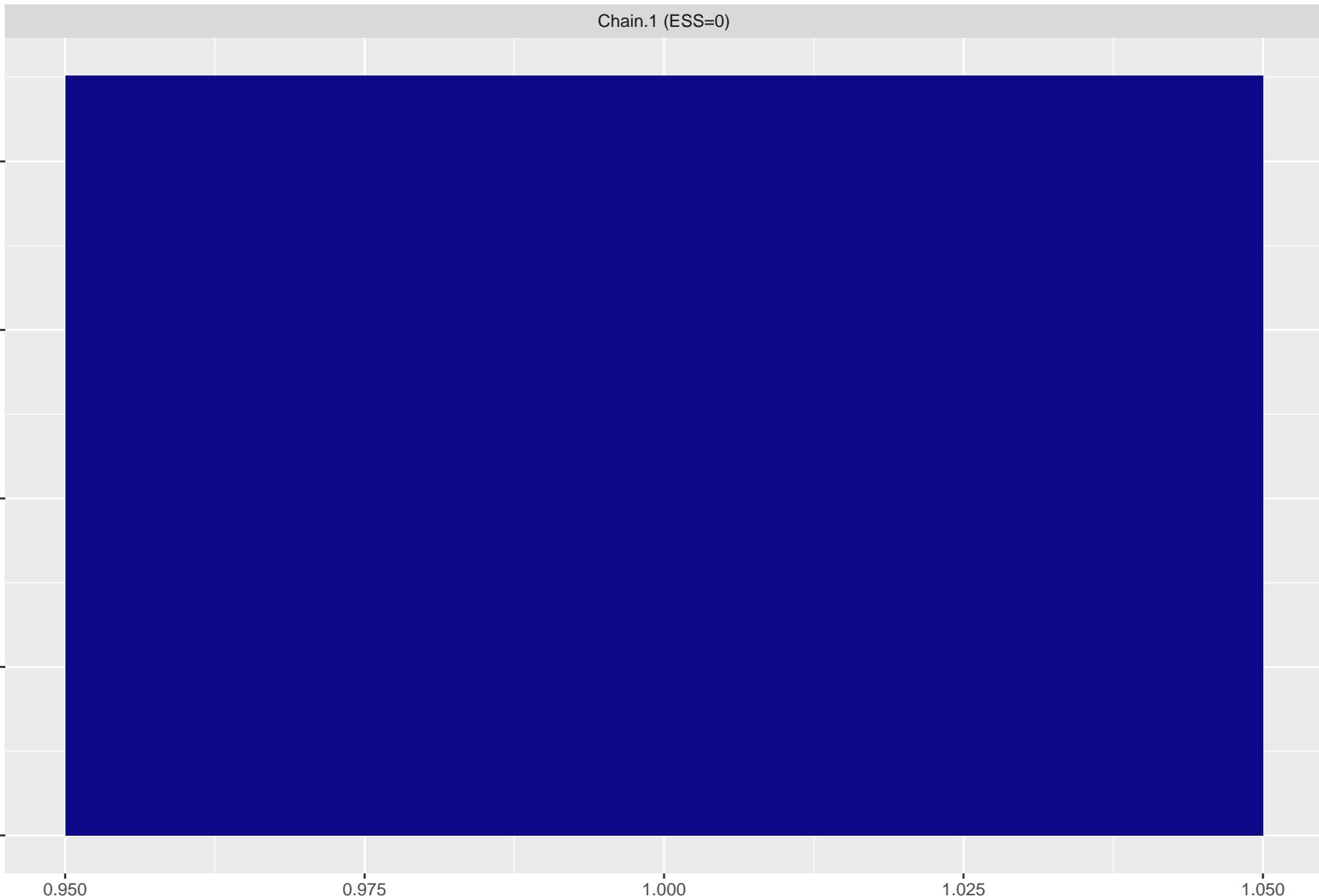
0.975

1.000

1.025

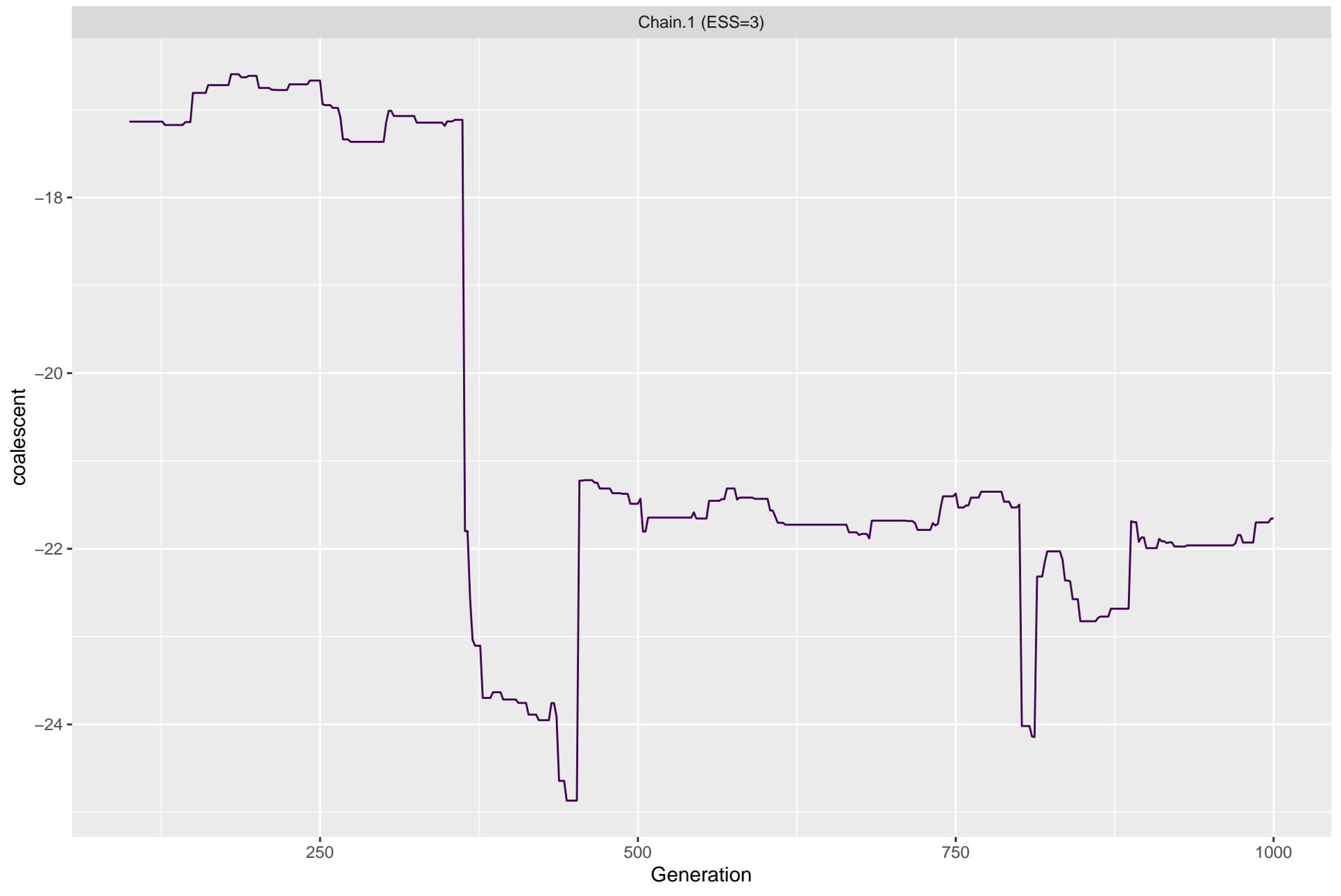
1.050

clock.rate



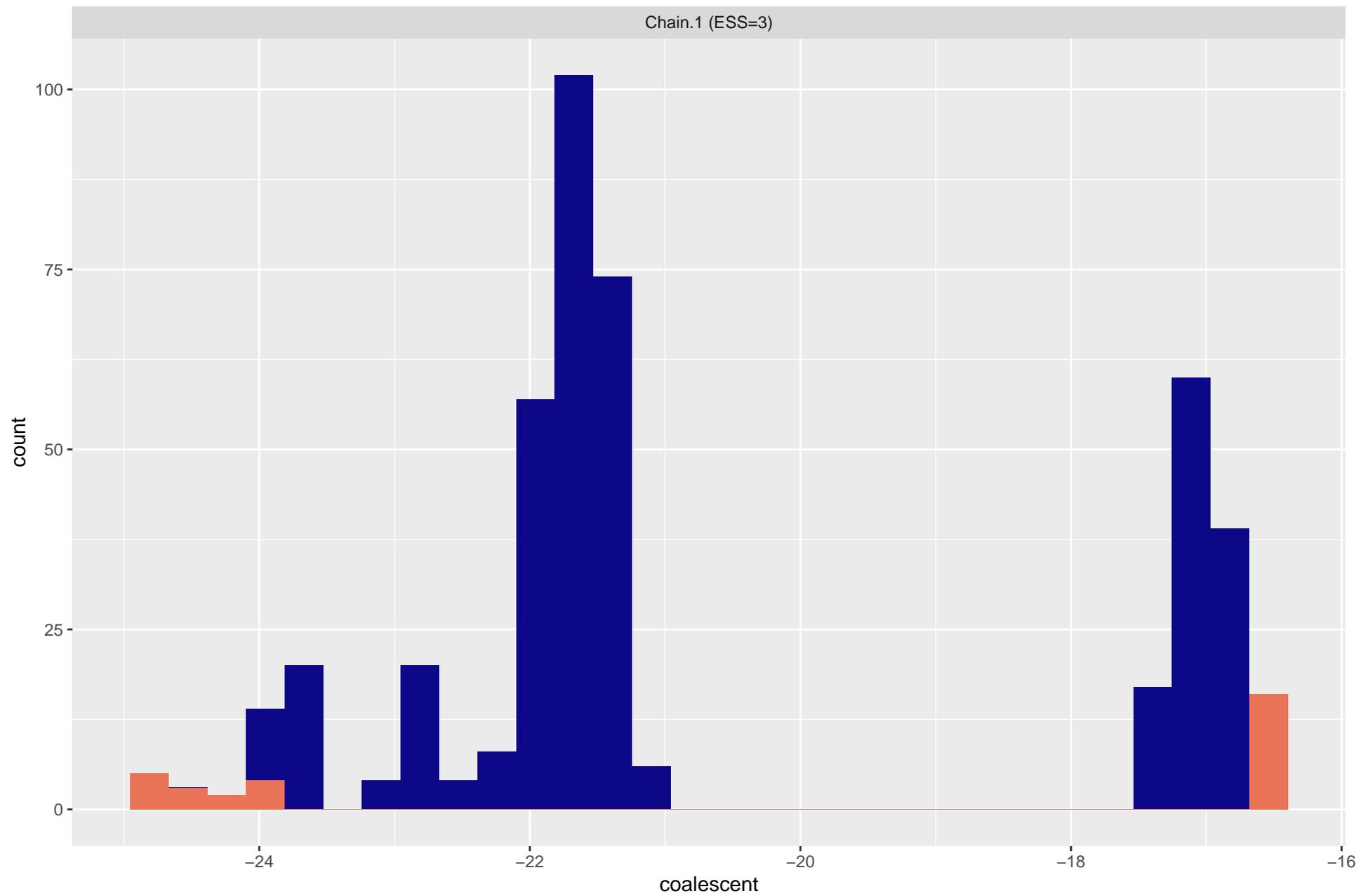
coalescent trace

Chain.1 (ESS=3)



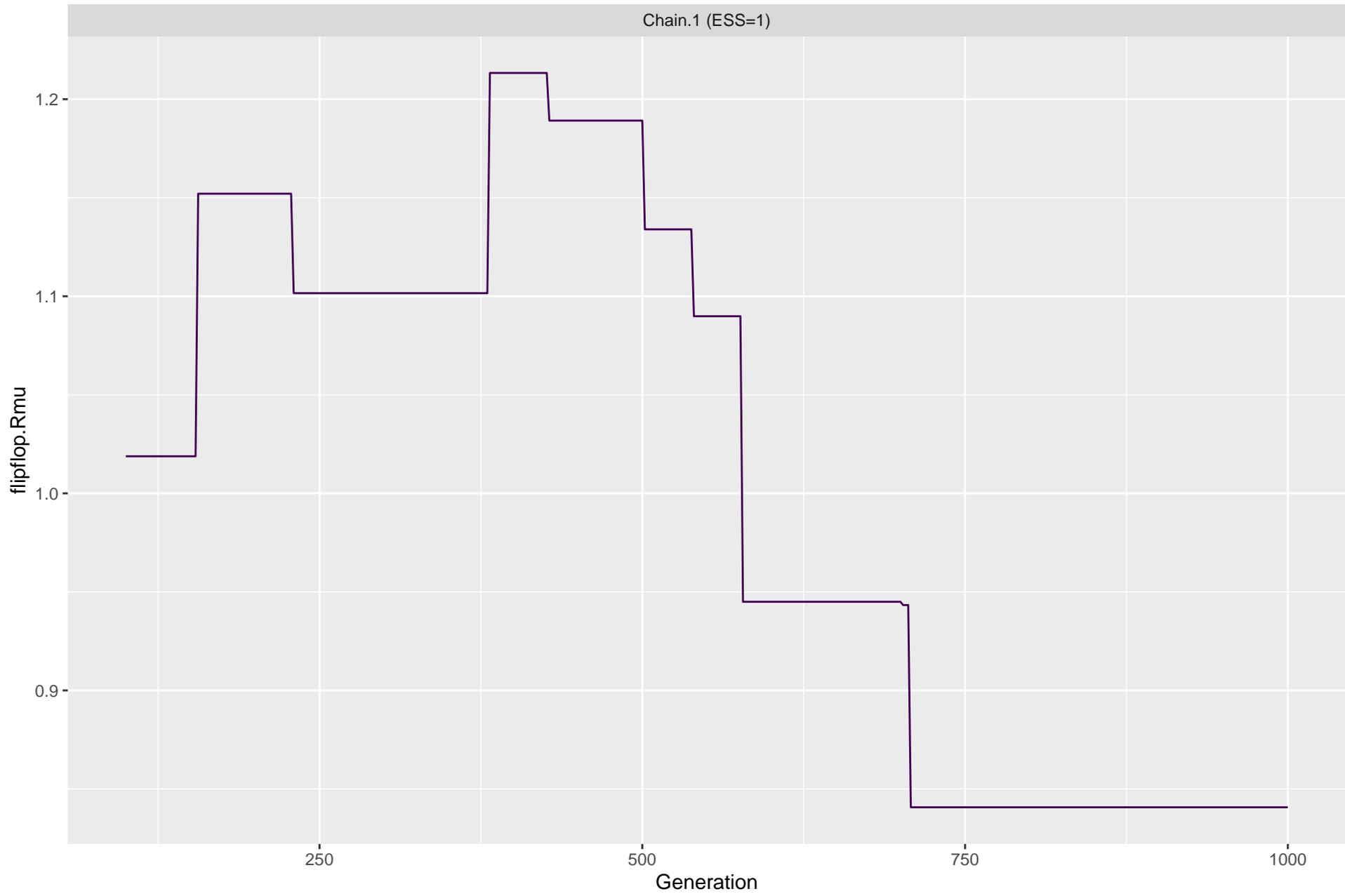
coalescent trace

Chain.1 (ESS=3)



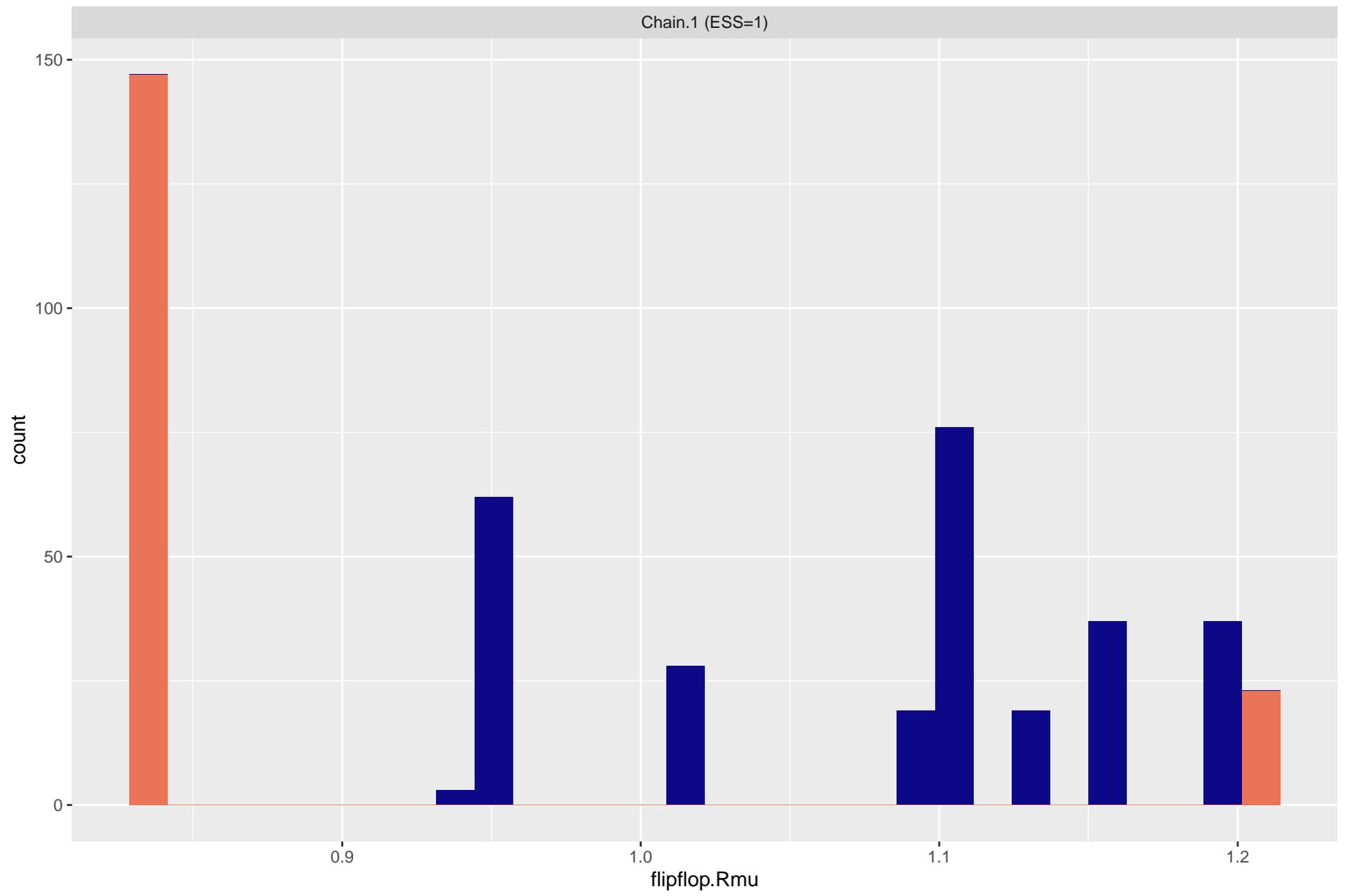
flipflop.Rmu trace

Chain.1 (ESS=1)

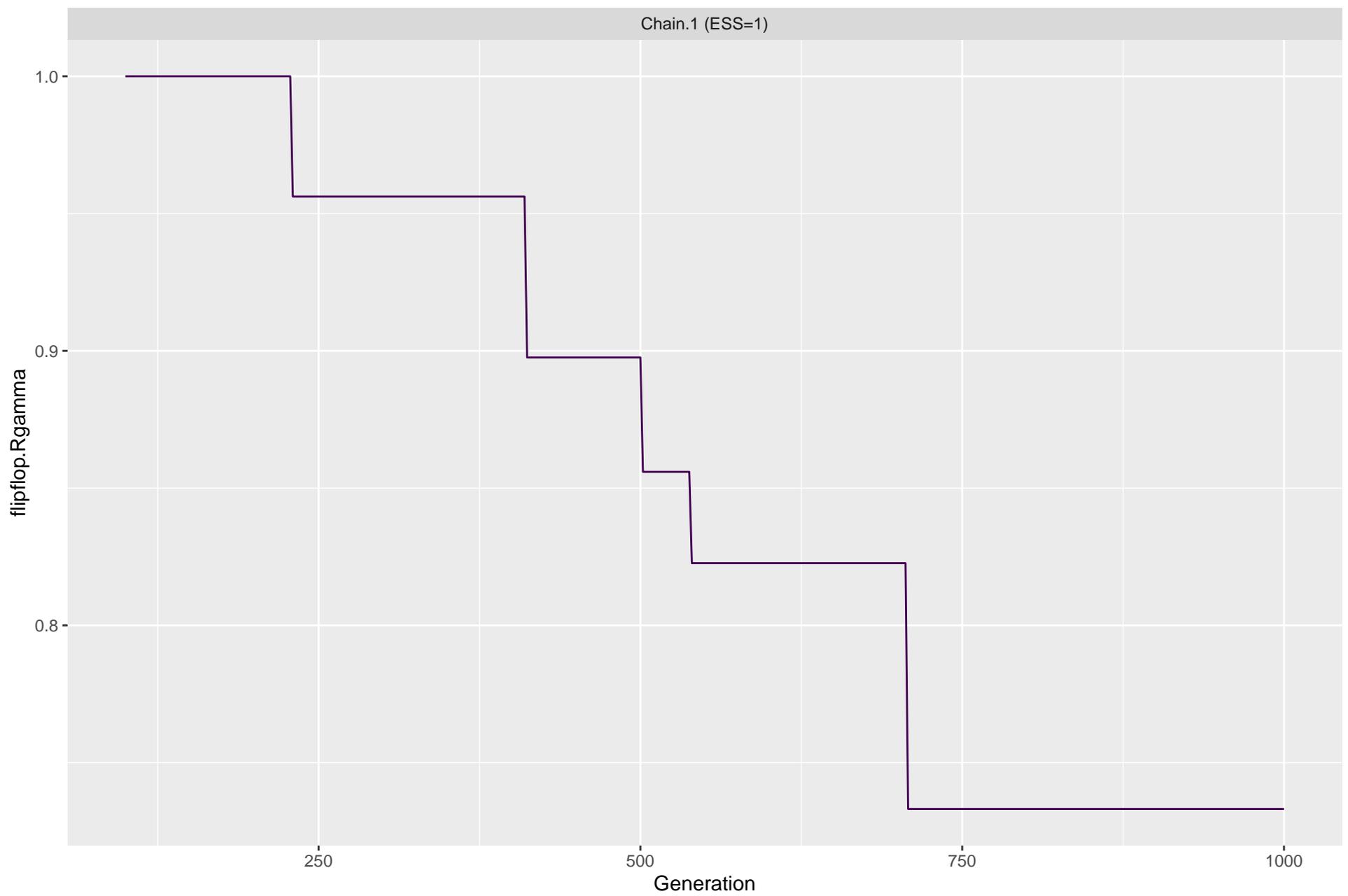


flipflop.Rmu trace

Chain.1 (ESS=1)

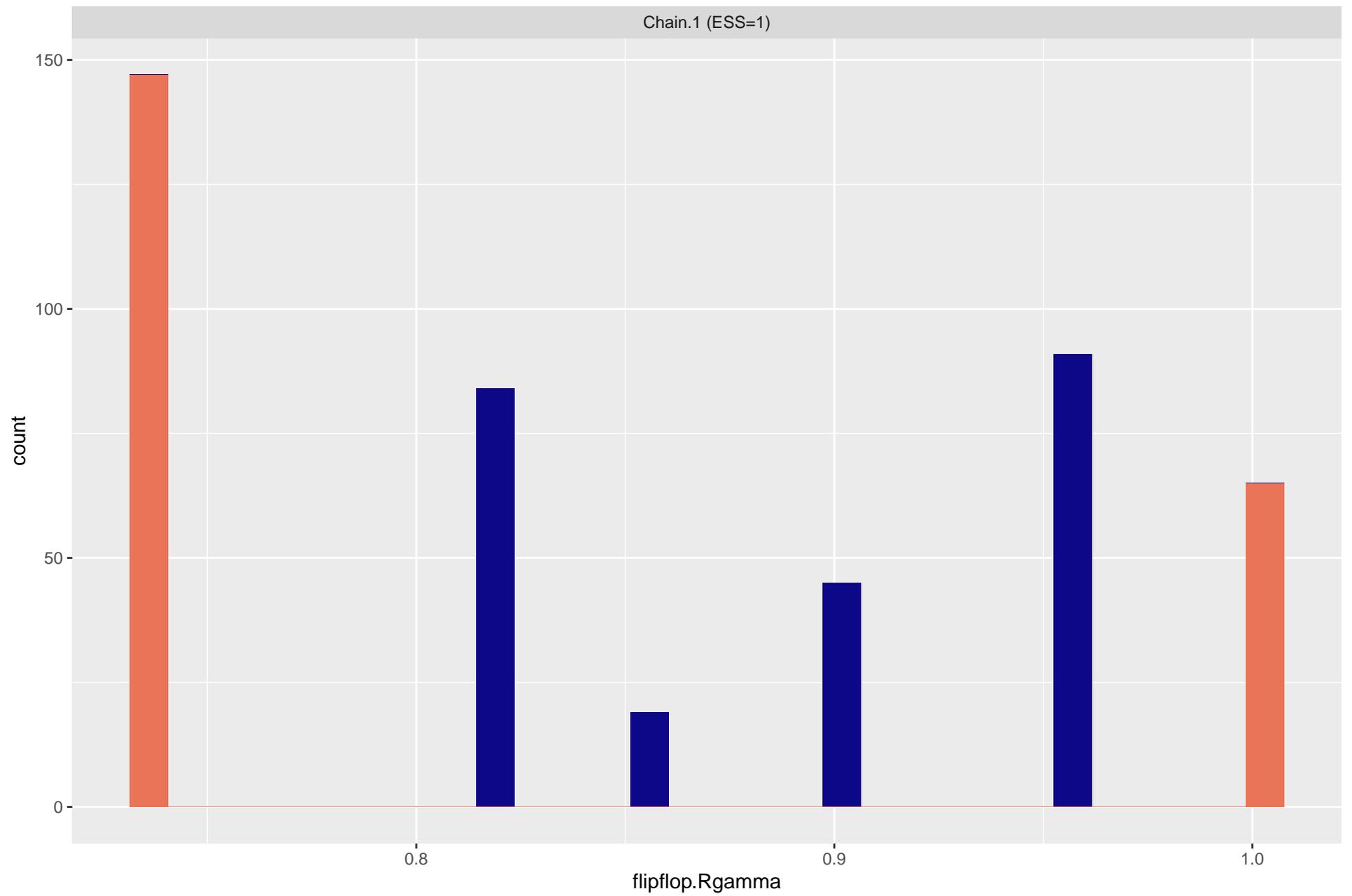


flipflop.Rgamma trace



flipflop.Rgamma trace

Chain.1 (ESS=1)



flipflop.MDbias trace

Chain.1 (ESS=4)

flipflop.MDbias

1.3

1.2

1.1

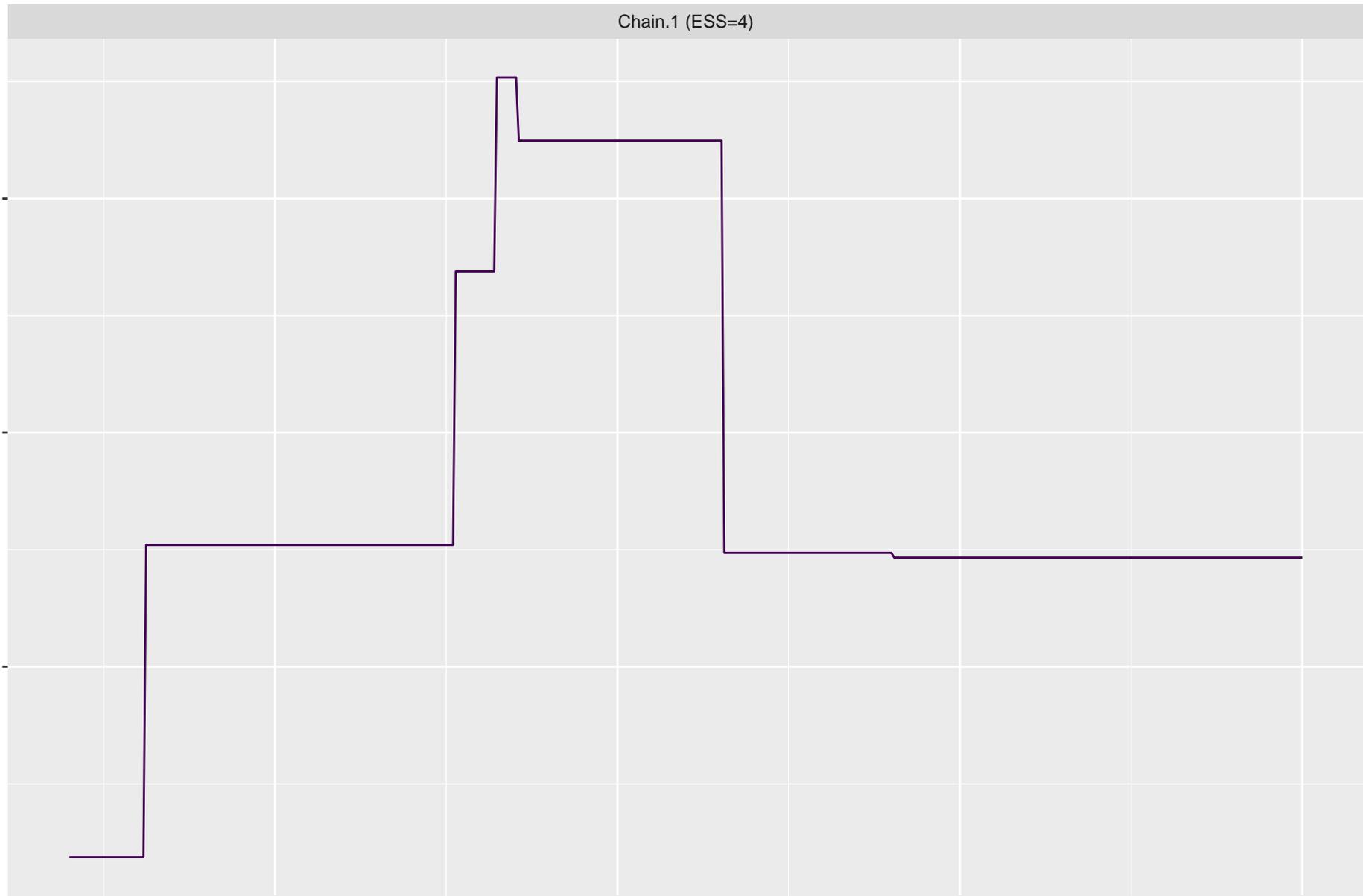
250

500

750

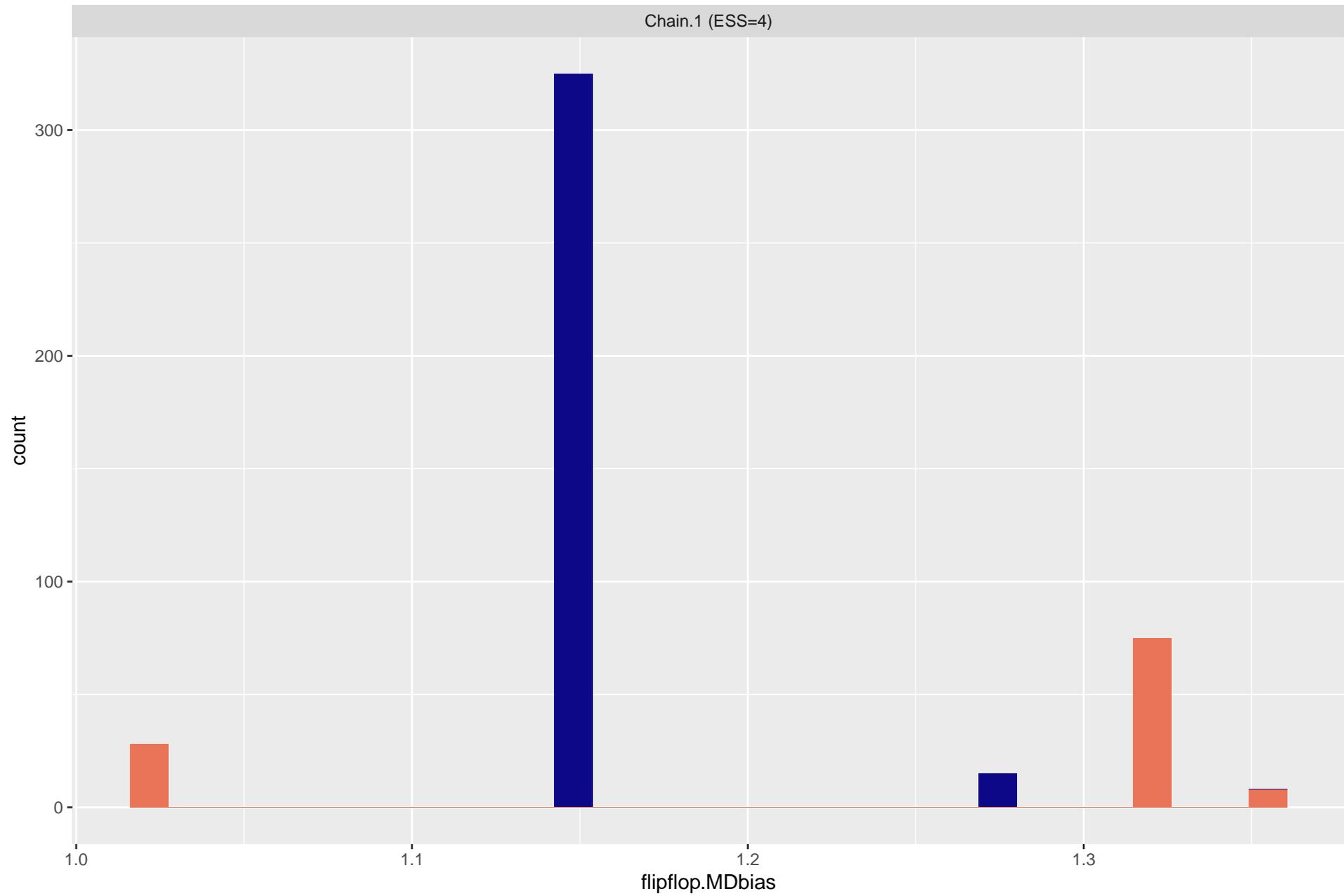
1000

Generation



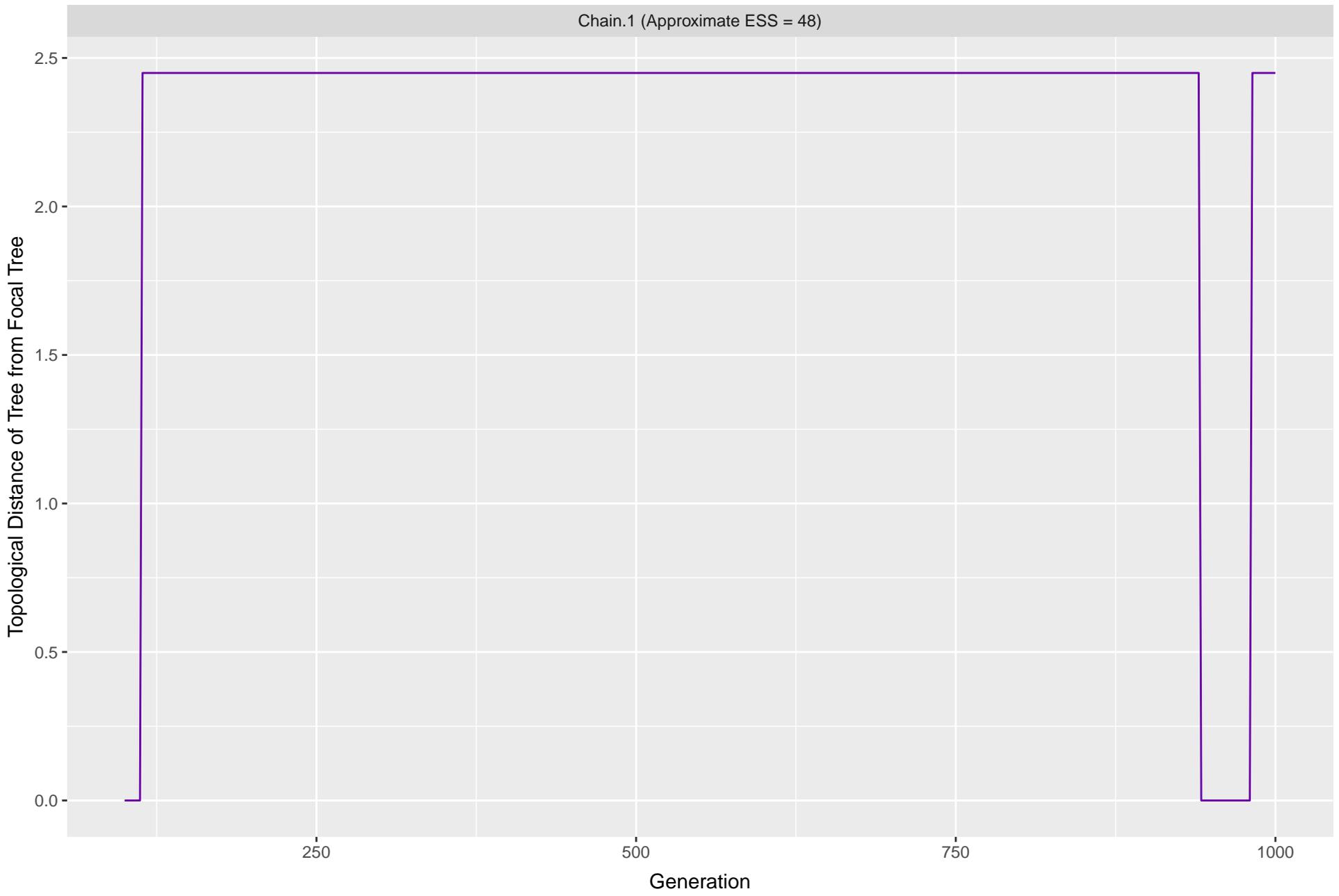
flipflop.MDbias trace

Chain.1 (ESS=4)



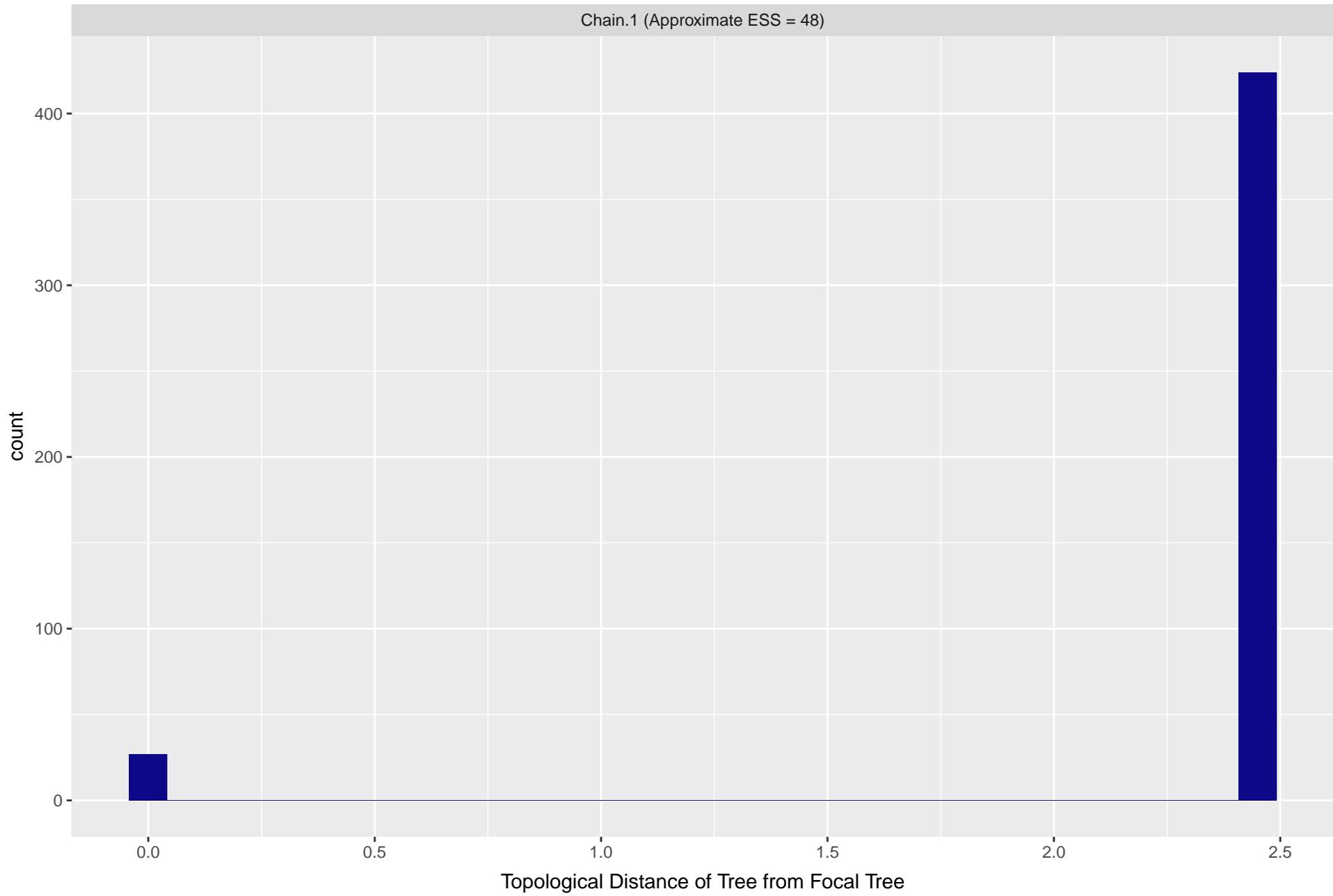
Tree topology trace

Chain.1 (Approximate ESS = 48)

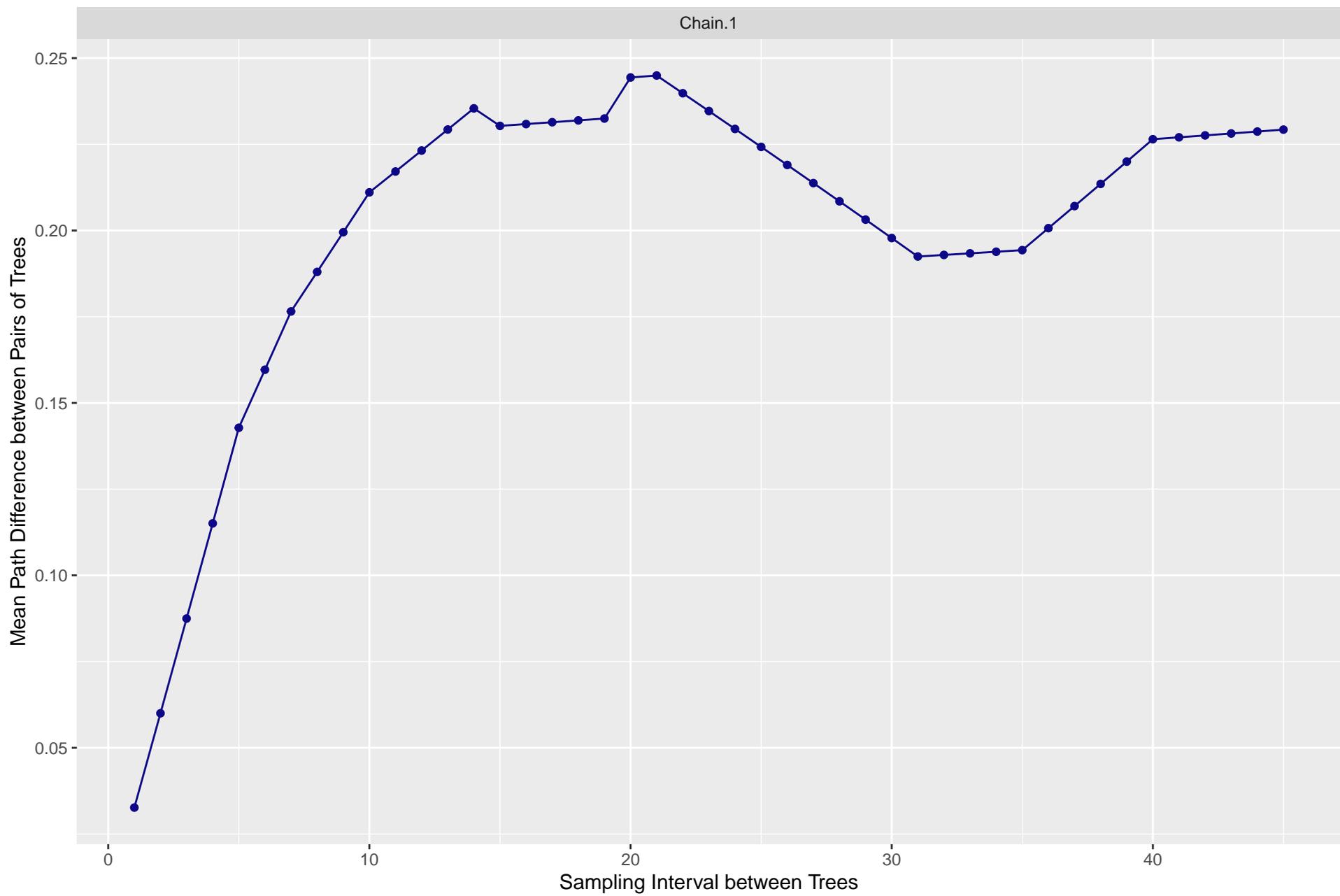


Tree topology trace

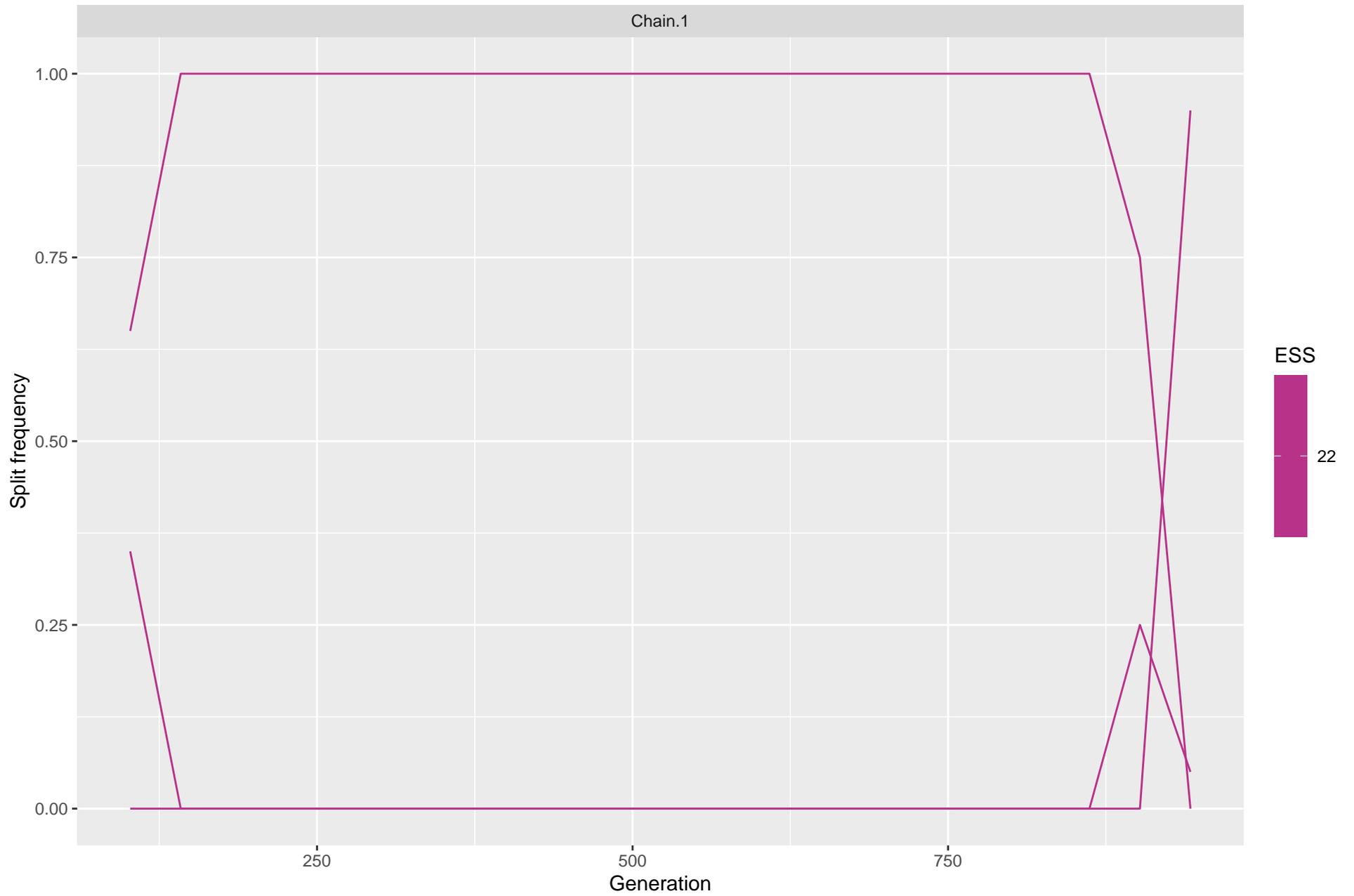
Chain.1 (Approximate ESS = 48)



Topological autocorrelation plot

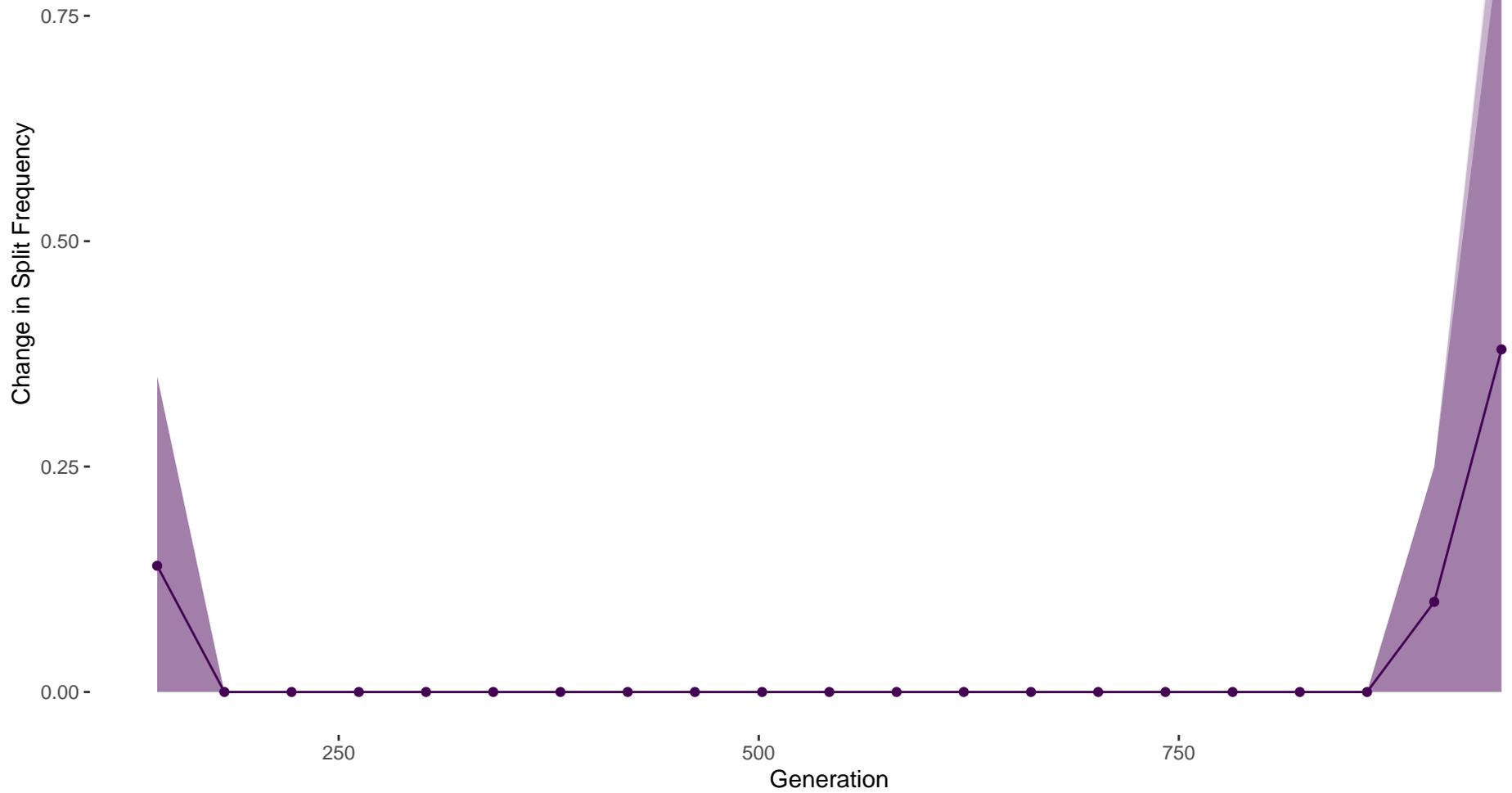


Sliding Window Split Frequencies for 20 clades

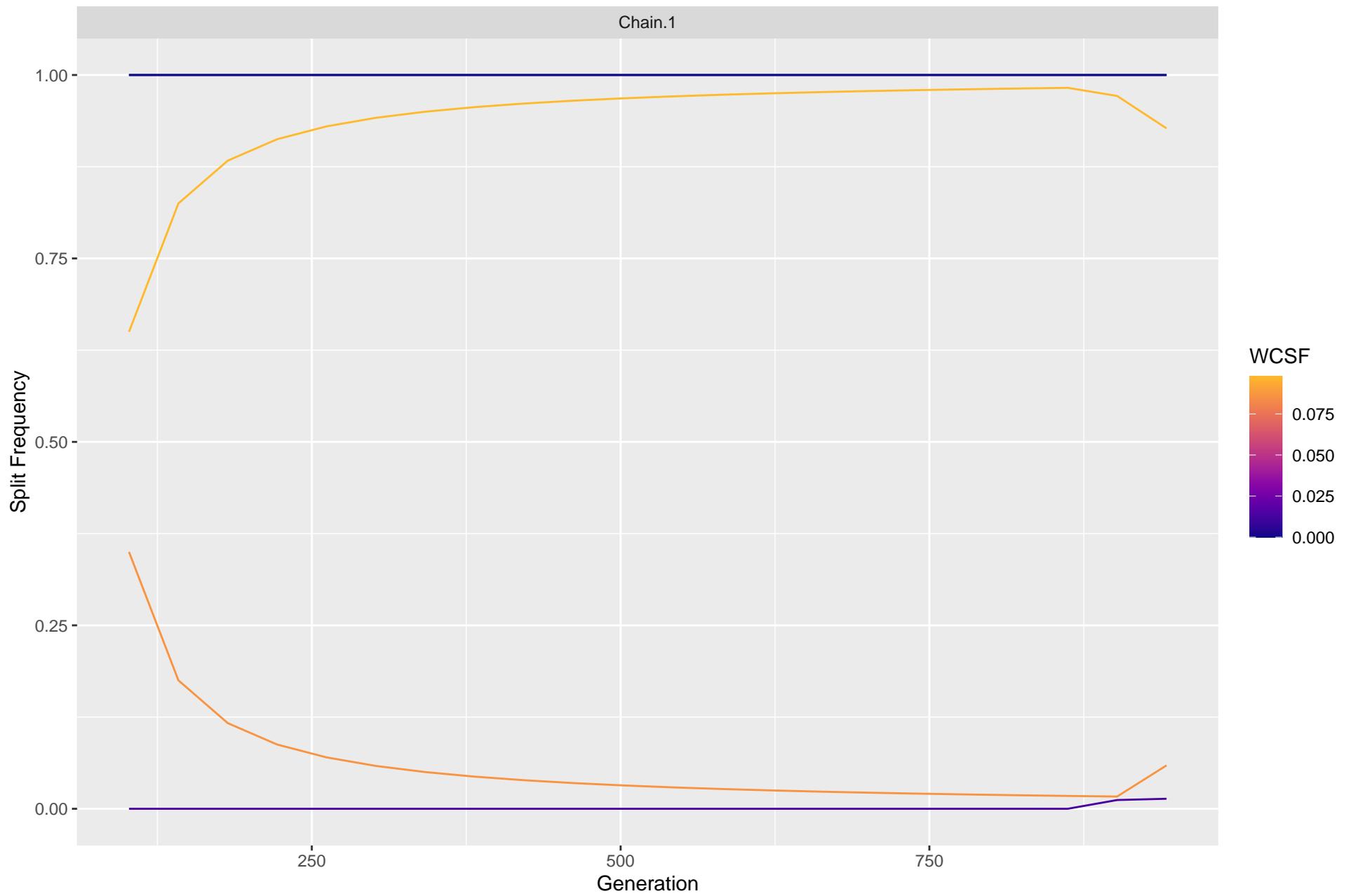


Sliding window Change in Split Frequencies

Chain.1

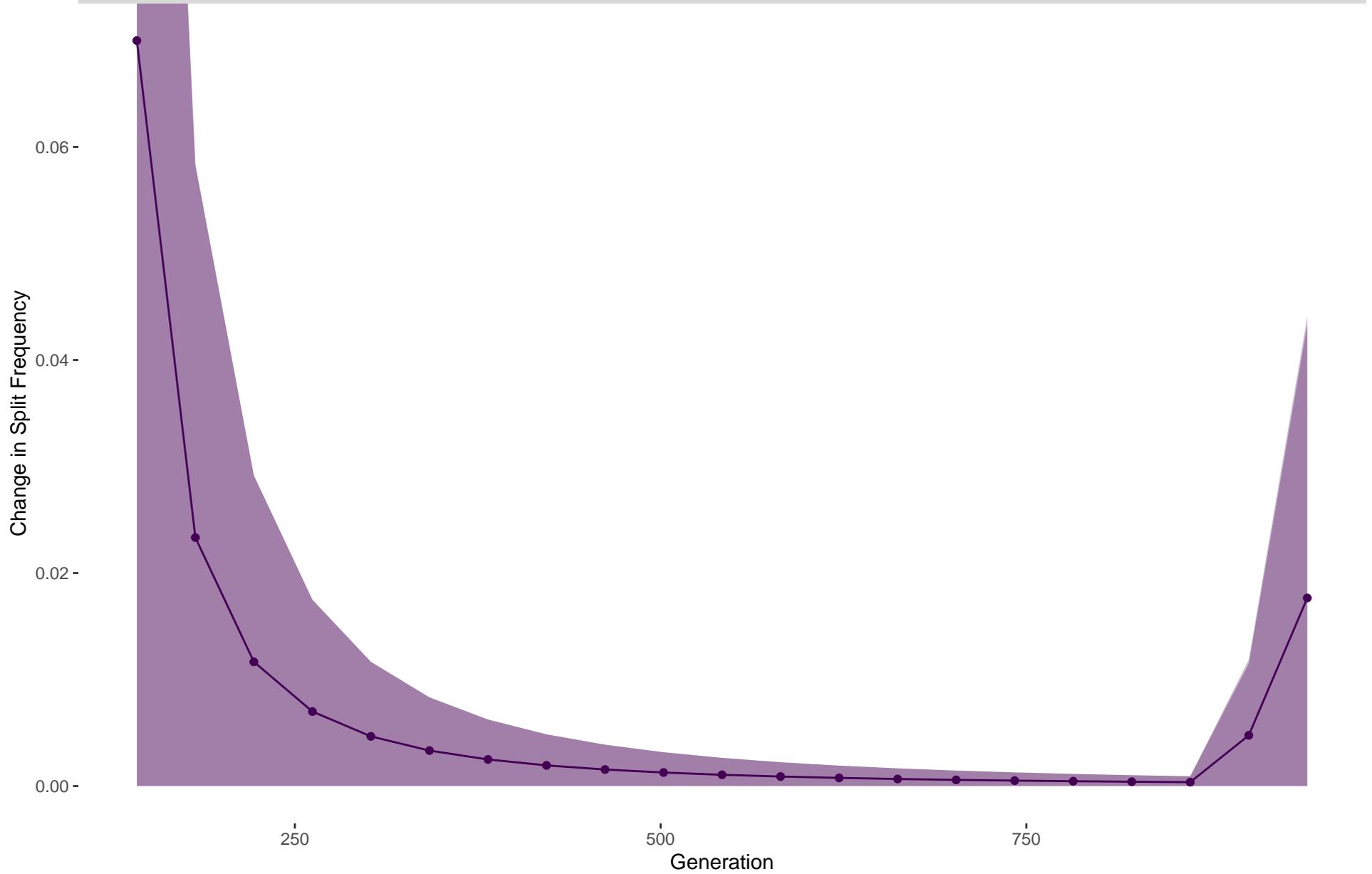


Cumulative Split Frequencies for 20 clades

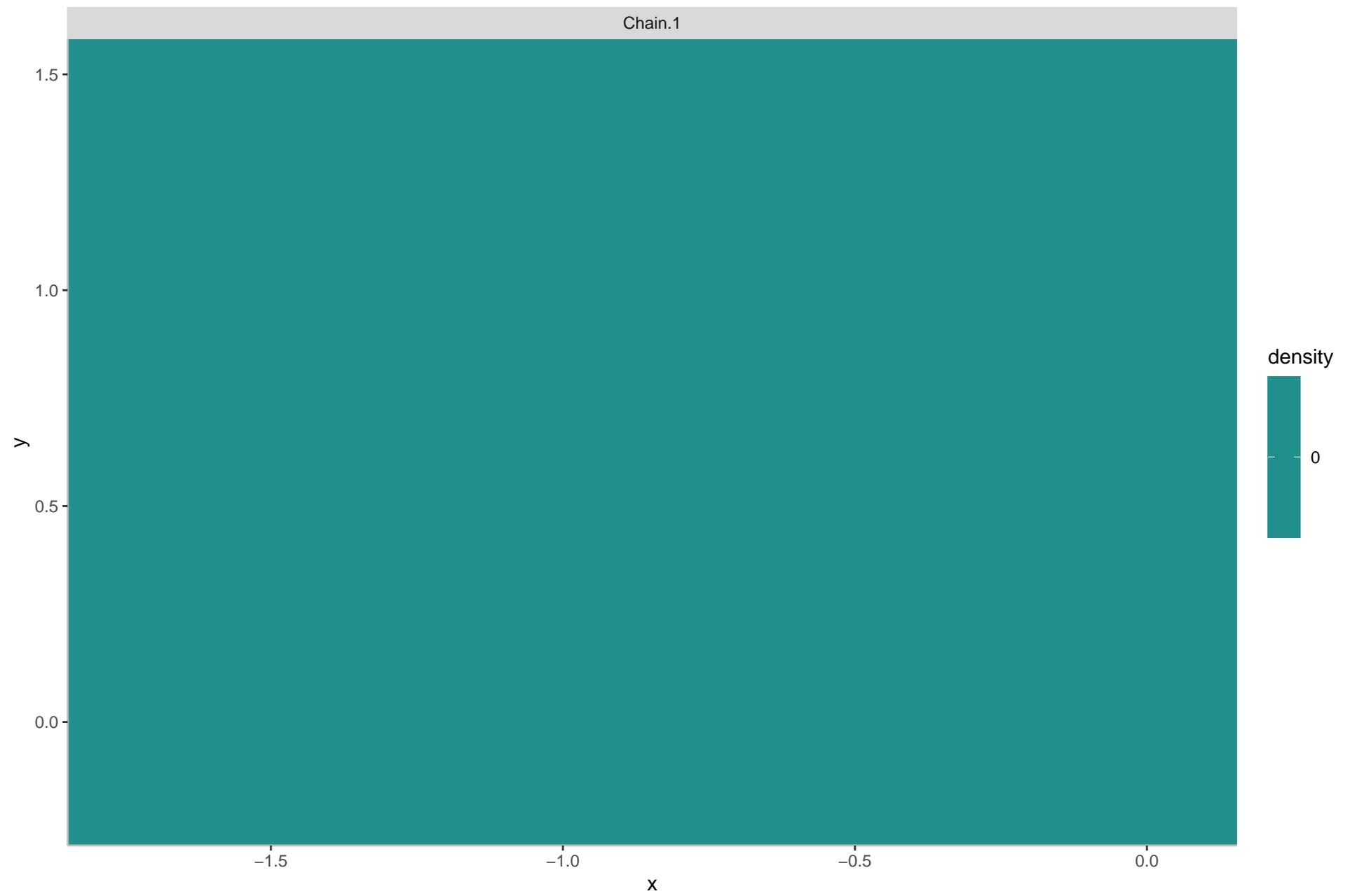


Cumulative Change in Split Frequencies

Chain.1



Tree space heatmap for 100 trees



Tree space for 100 trees

Chain.1

