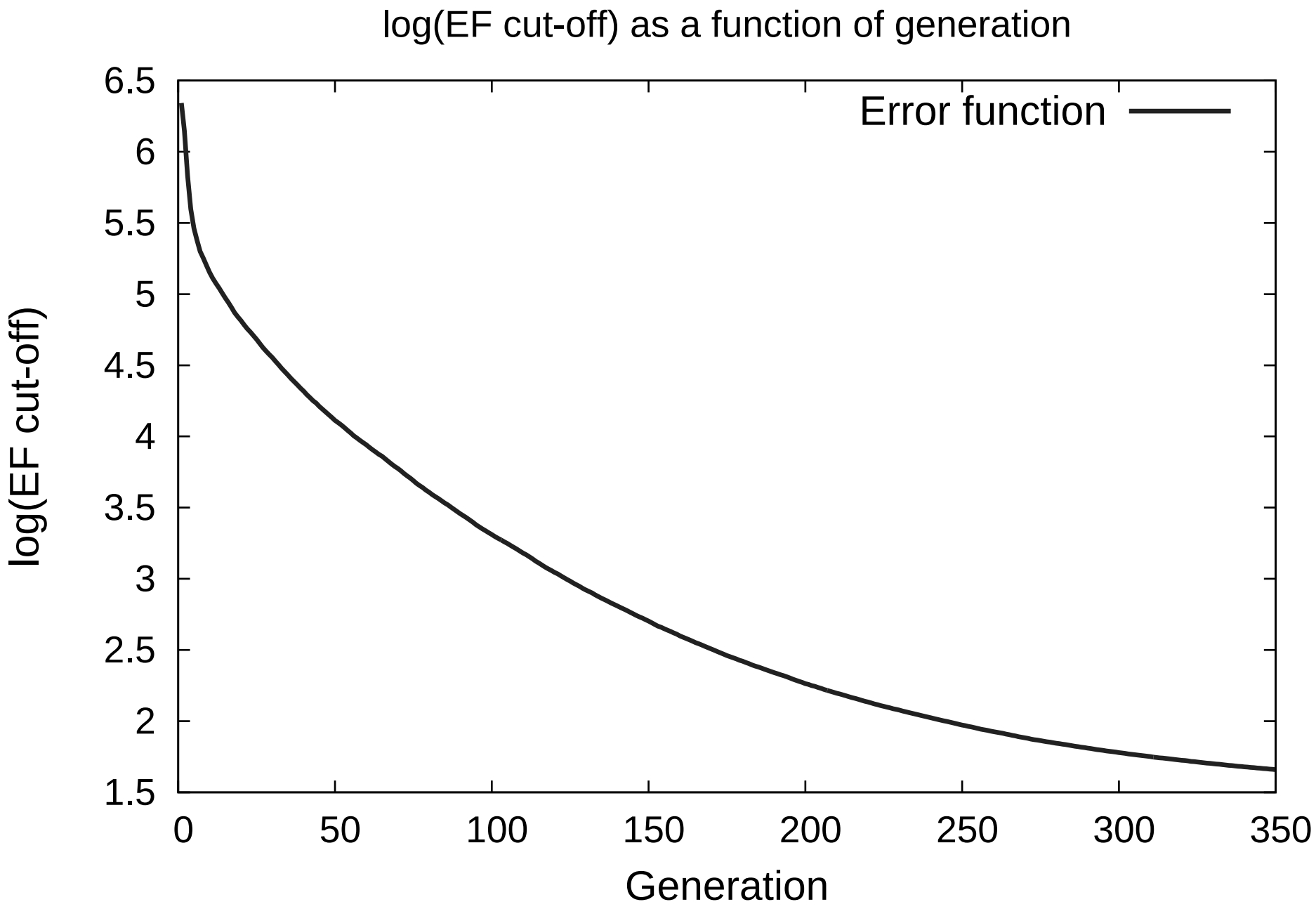
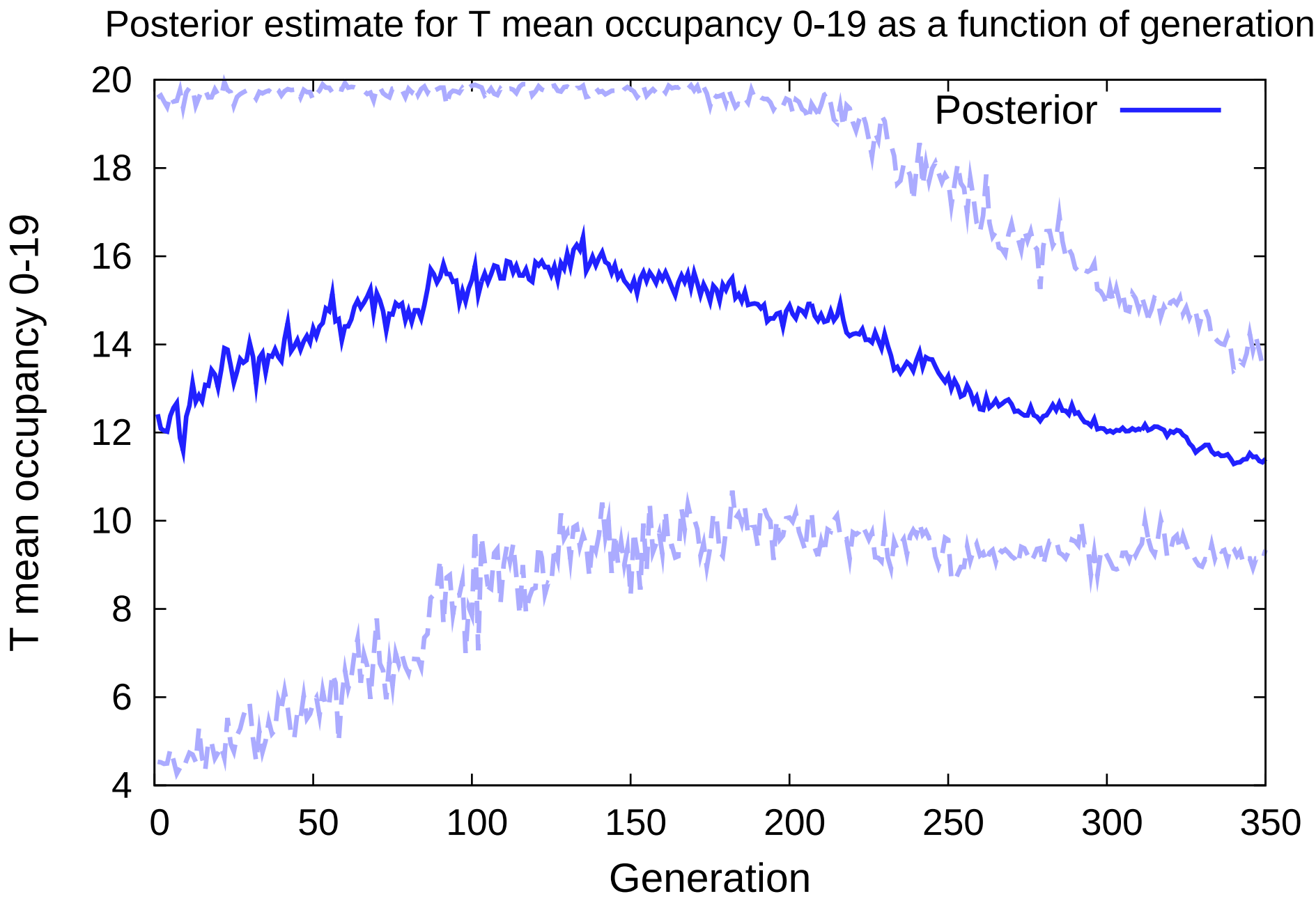
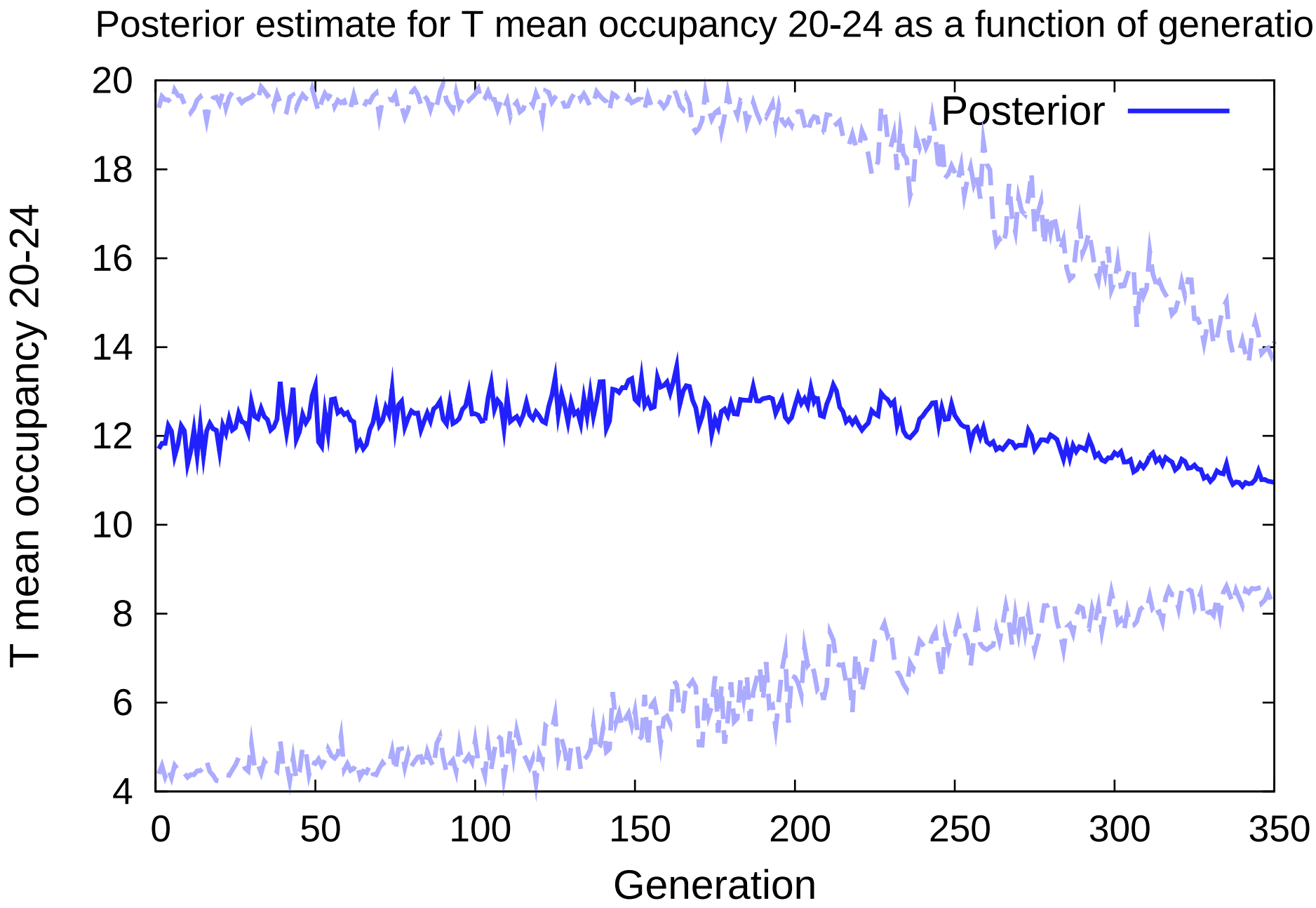
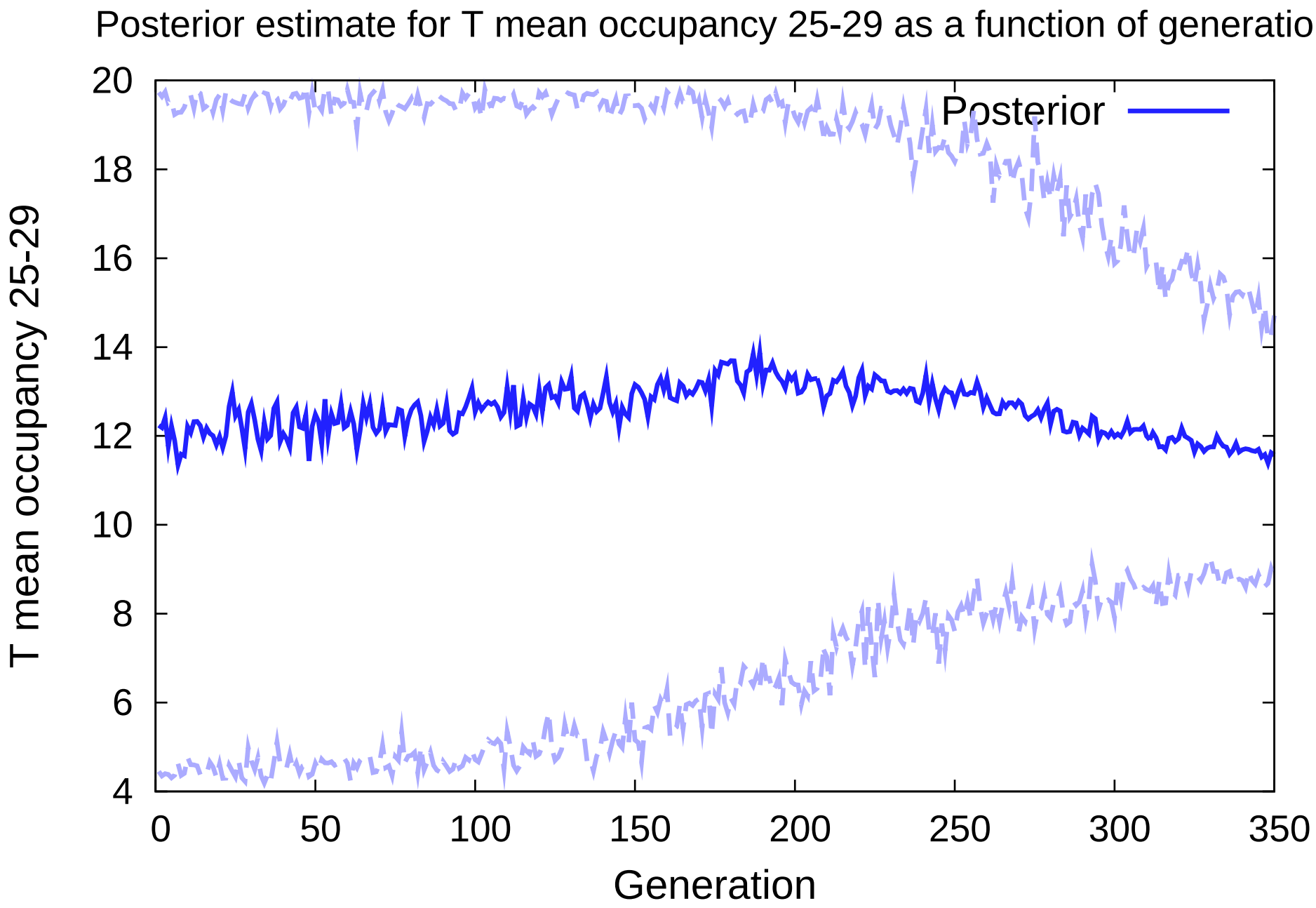
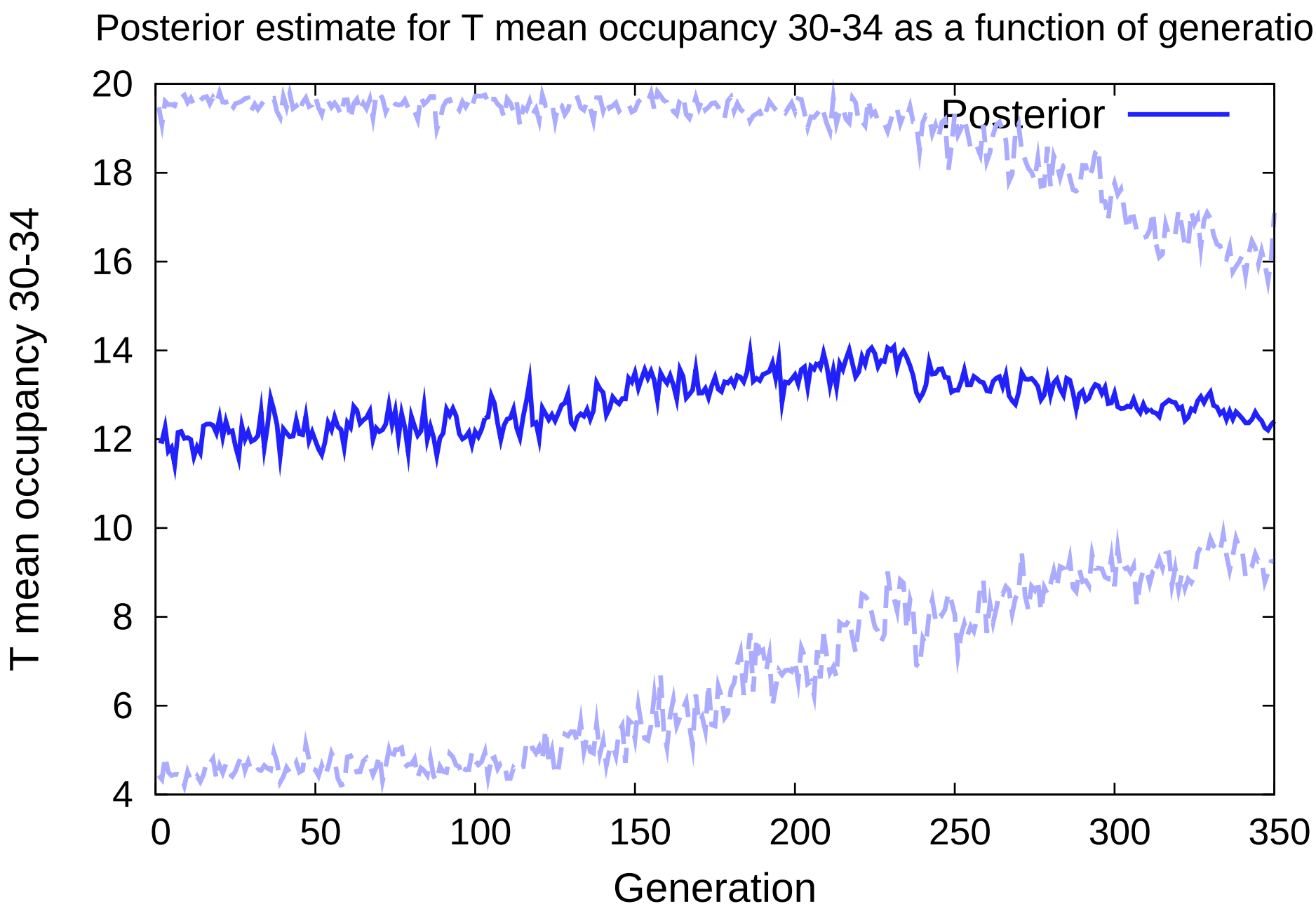
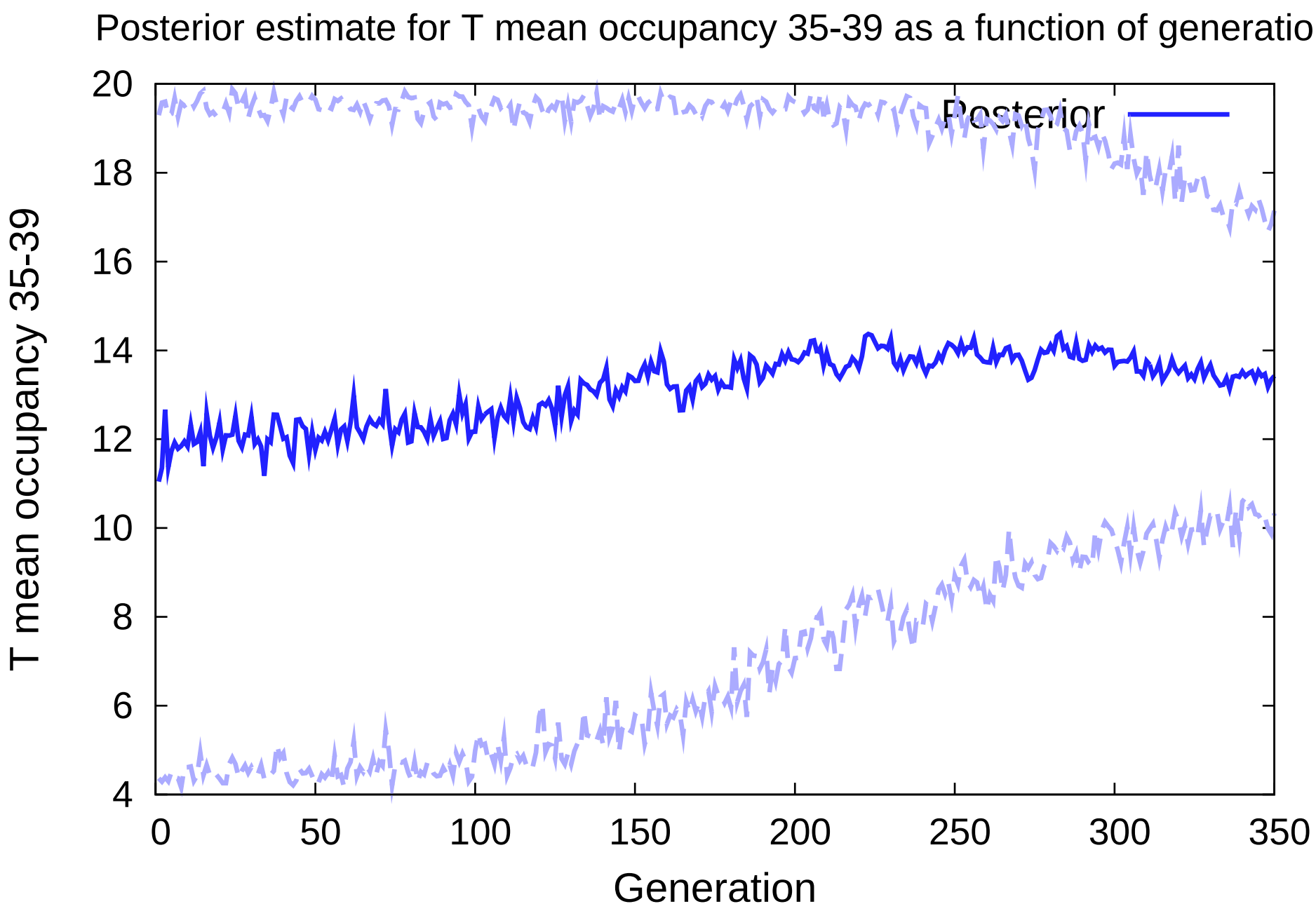

log(EF cut-off) as a function of generation
Error function
log(EF cut-off)
Generation
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
0
50
100
150
200
250
300
350

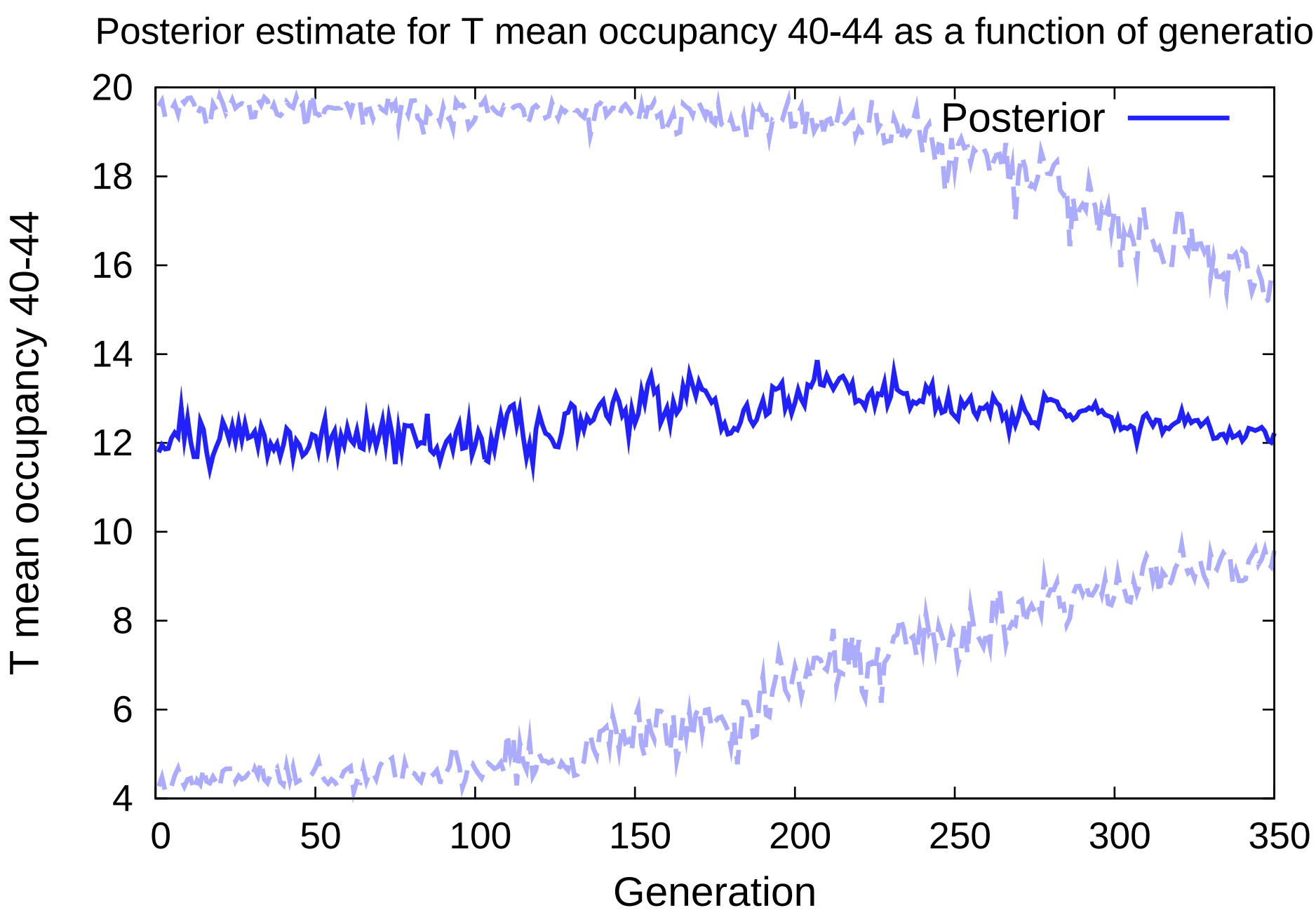

Posterior estimate for T mean occupancy 0-19 as a function of generation
T mean occupancy 0-19
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

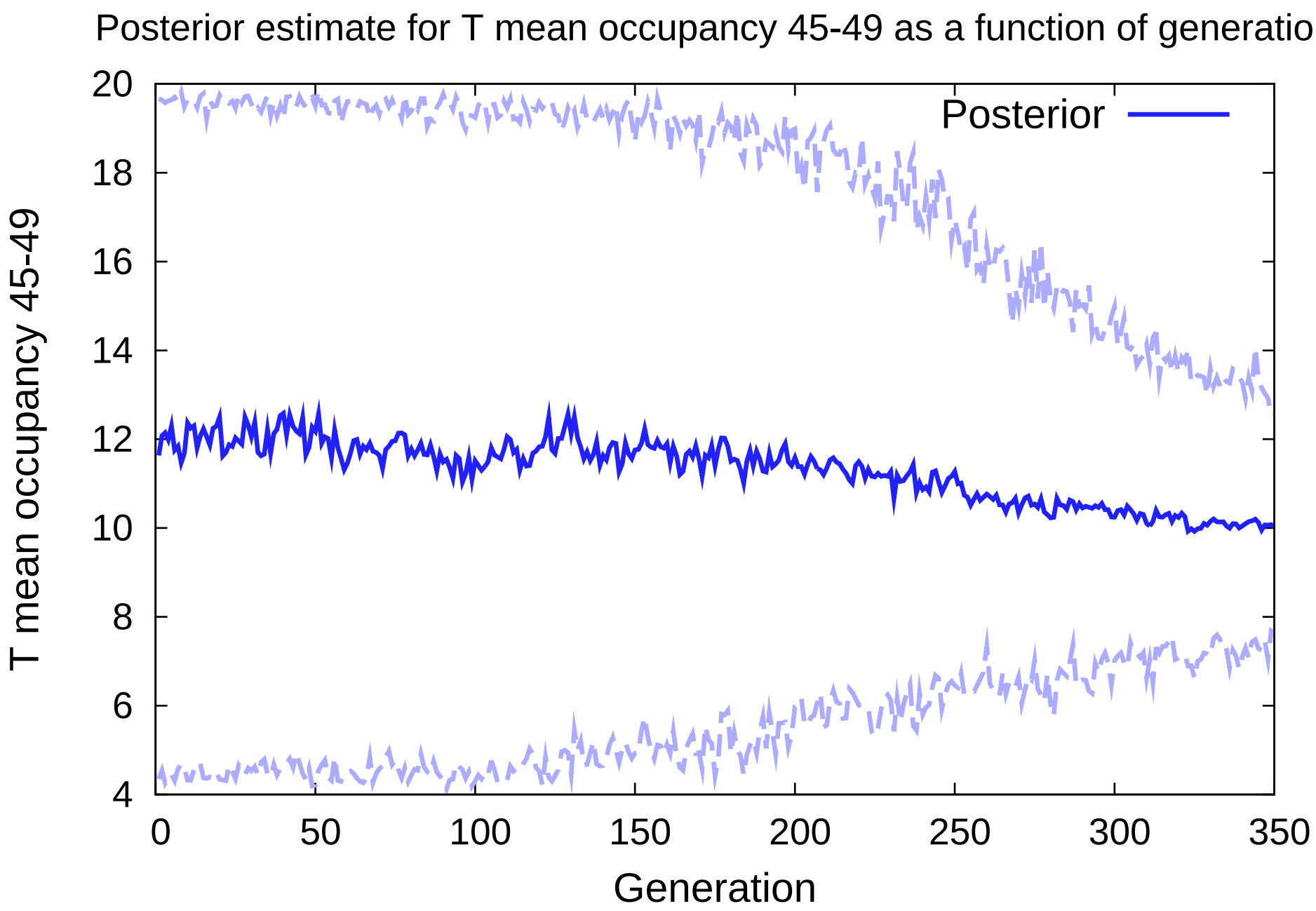

Posterior estimate for T mean occupancy 20-24 as a function of generation
T mean occupancy 20-24
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

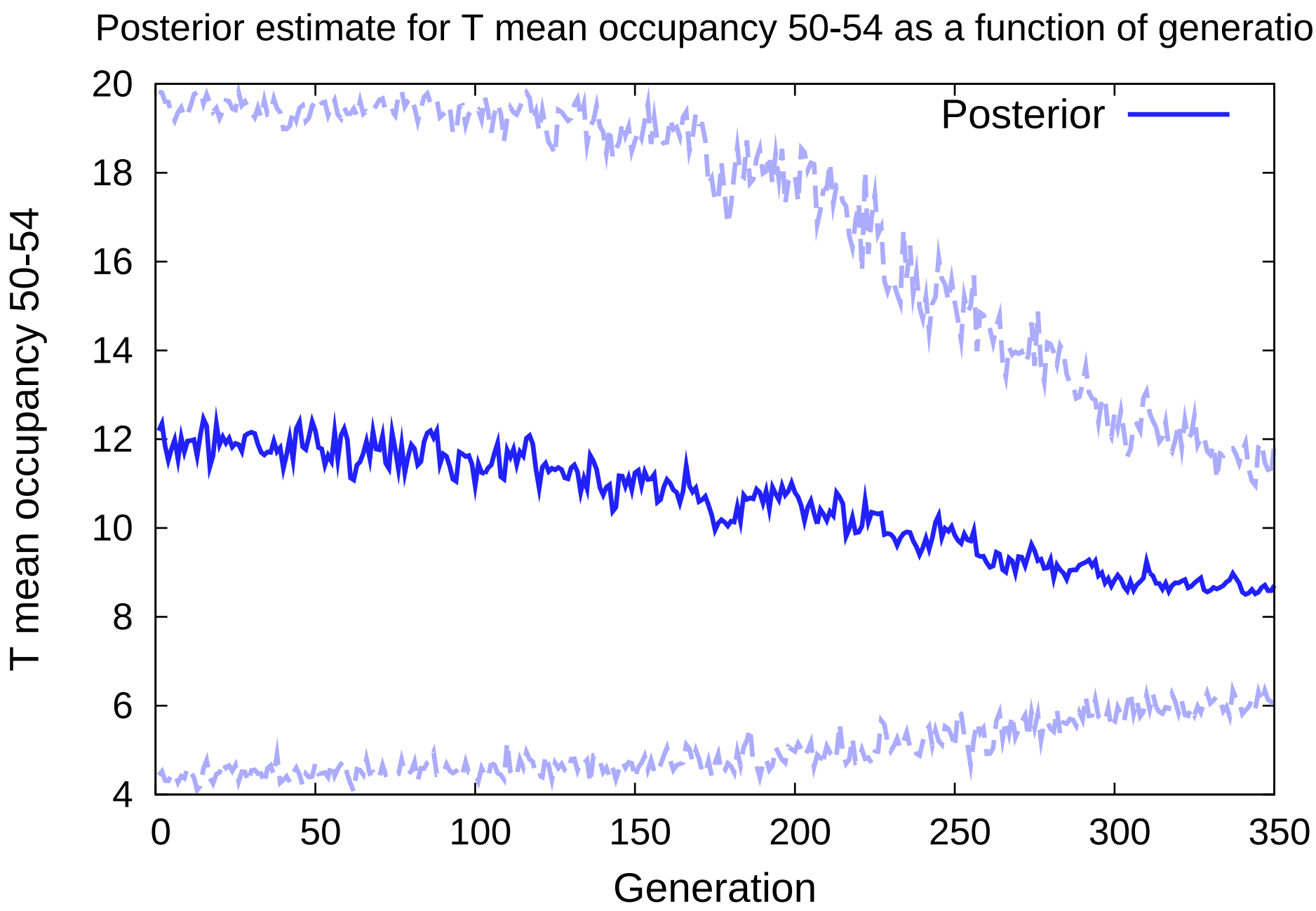

Posterior estimate for T mean occupancy 25-29 as a function of generation
T mean occupancy 25-29
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

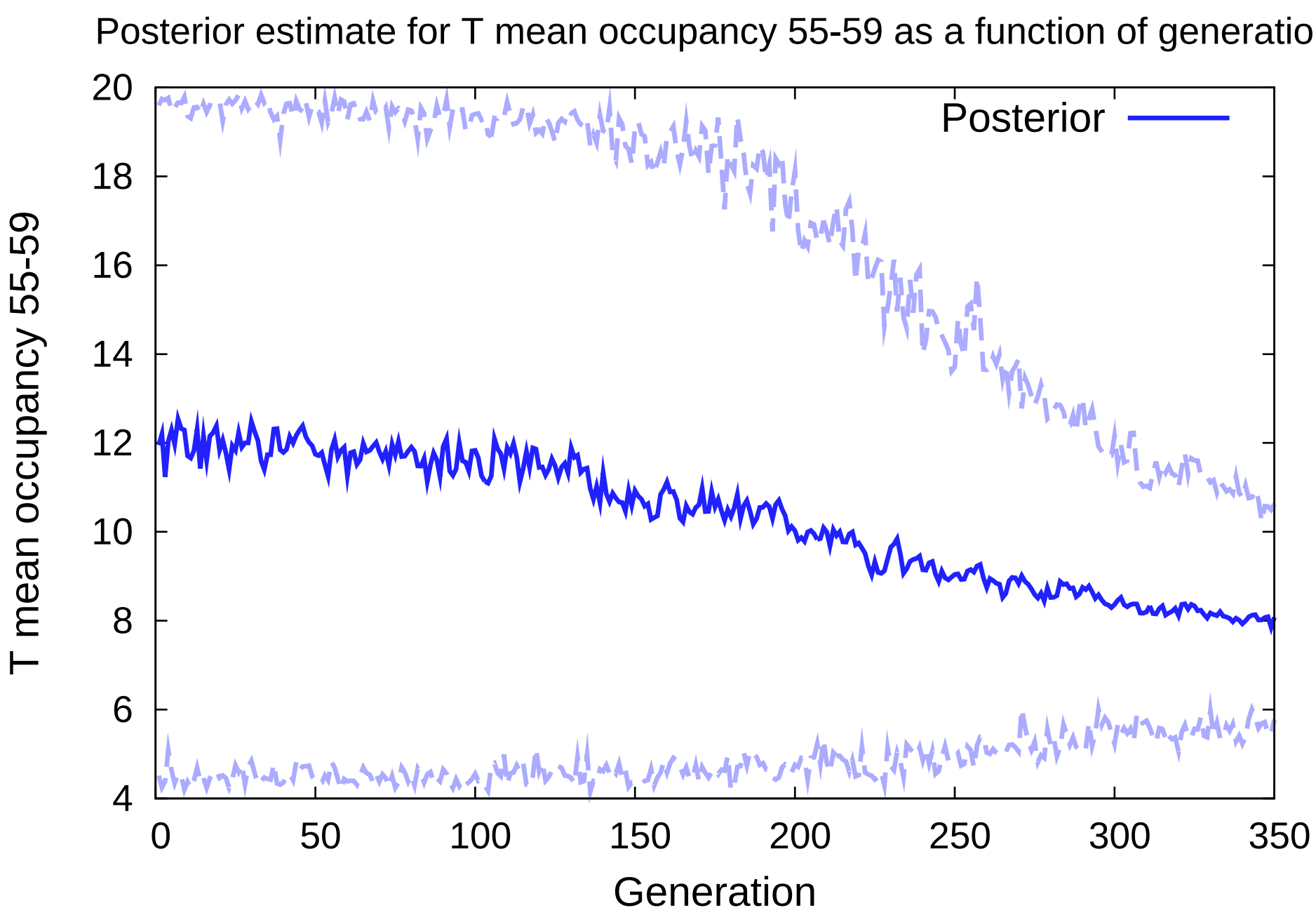

Posterior estimate for T mean occupancy 30-34 as a function of generation
T mean occupancy 30-34
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

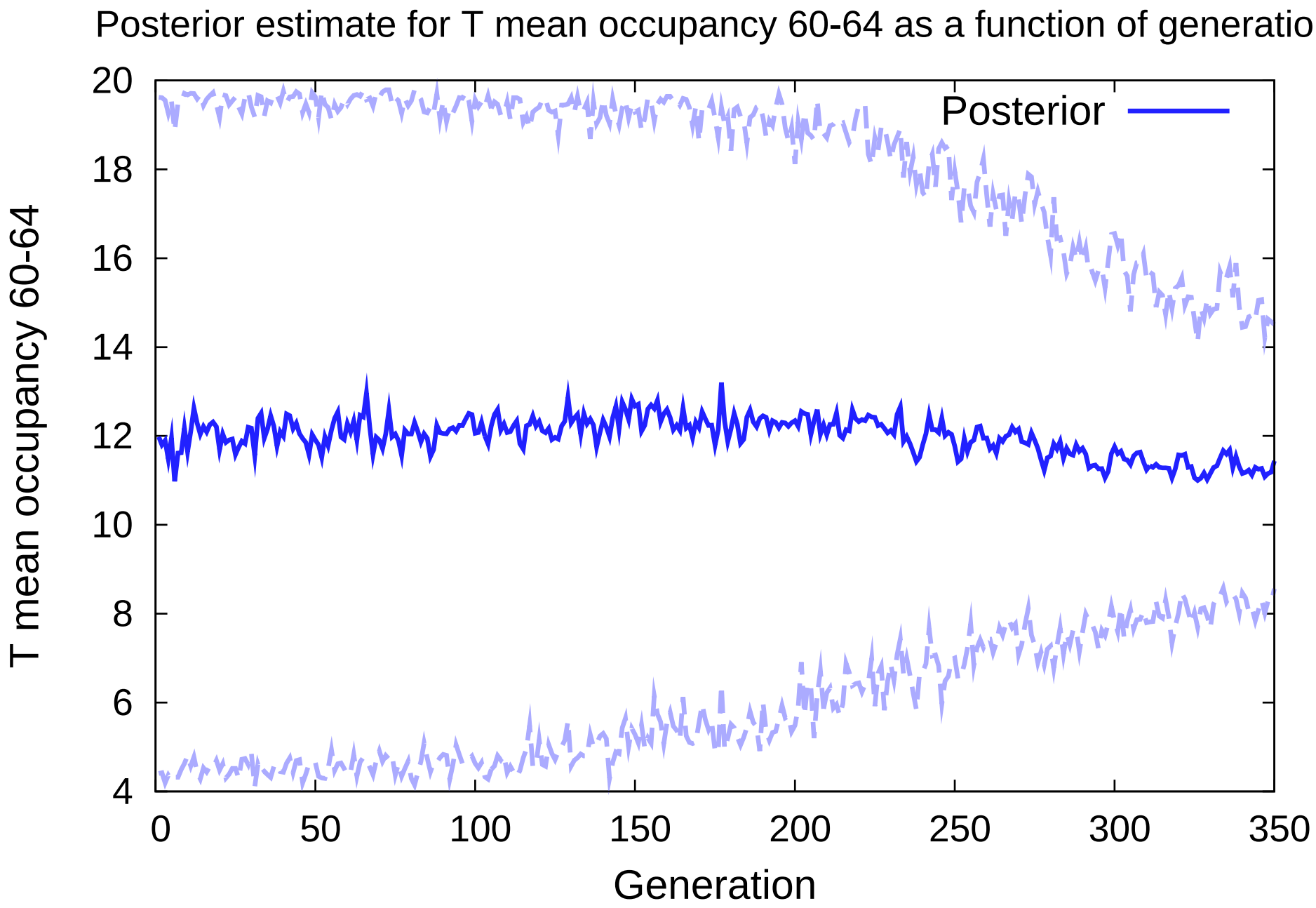

Posterior estimate for T mean occupancy 35-39 as a function of generation
T mean occupancy 35-39
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

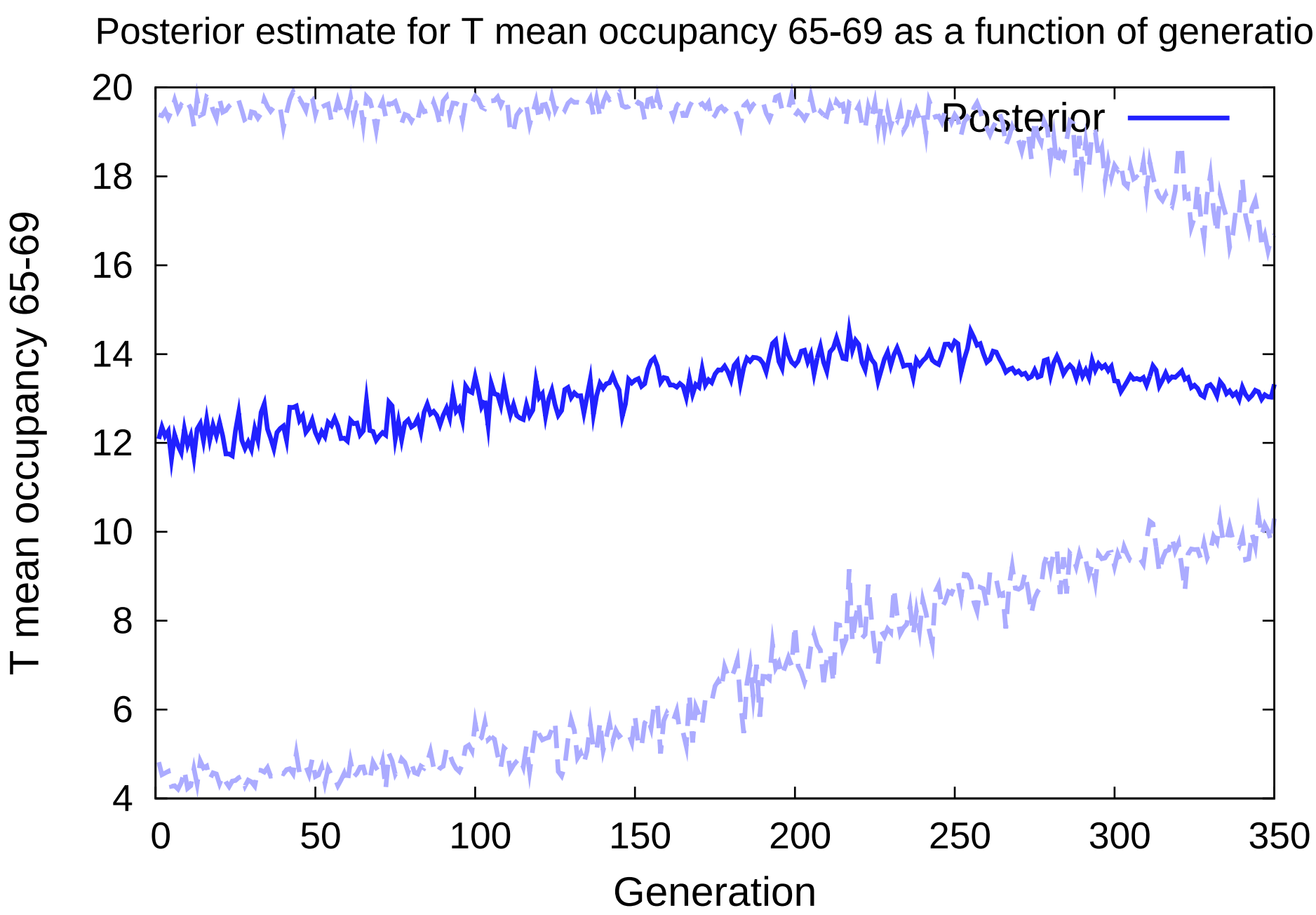

Posterior estimate for T mean occupancy 40-44 as a function of generation
T mean occupancy 40-44
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

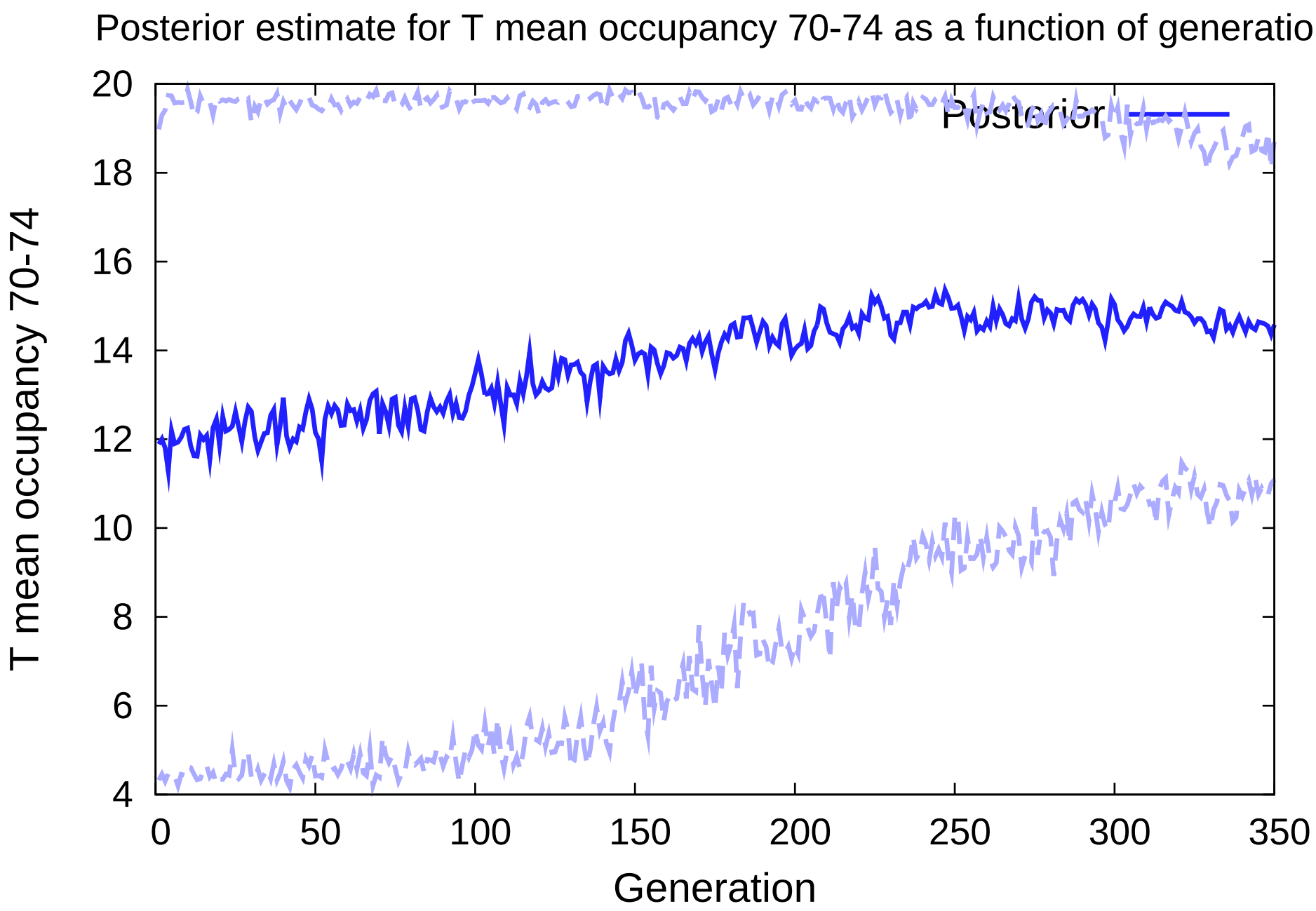

Posterior estimate for T mean occupancy 45-49 as a function of generation
T mean occupancy 45-49
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

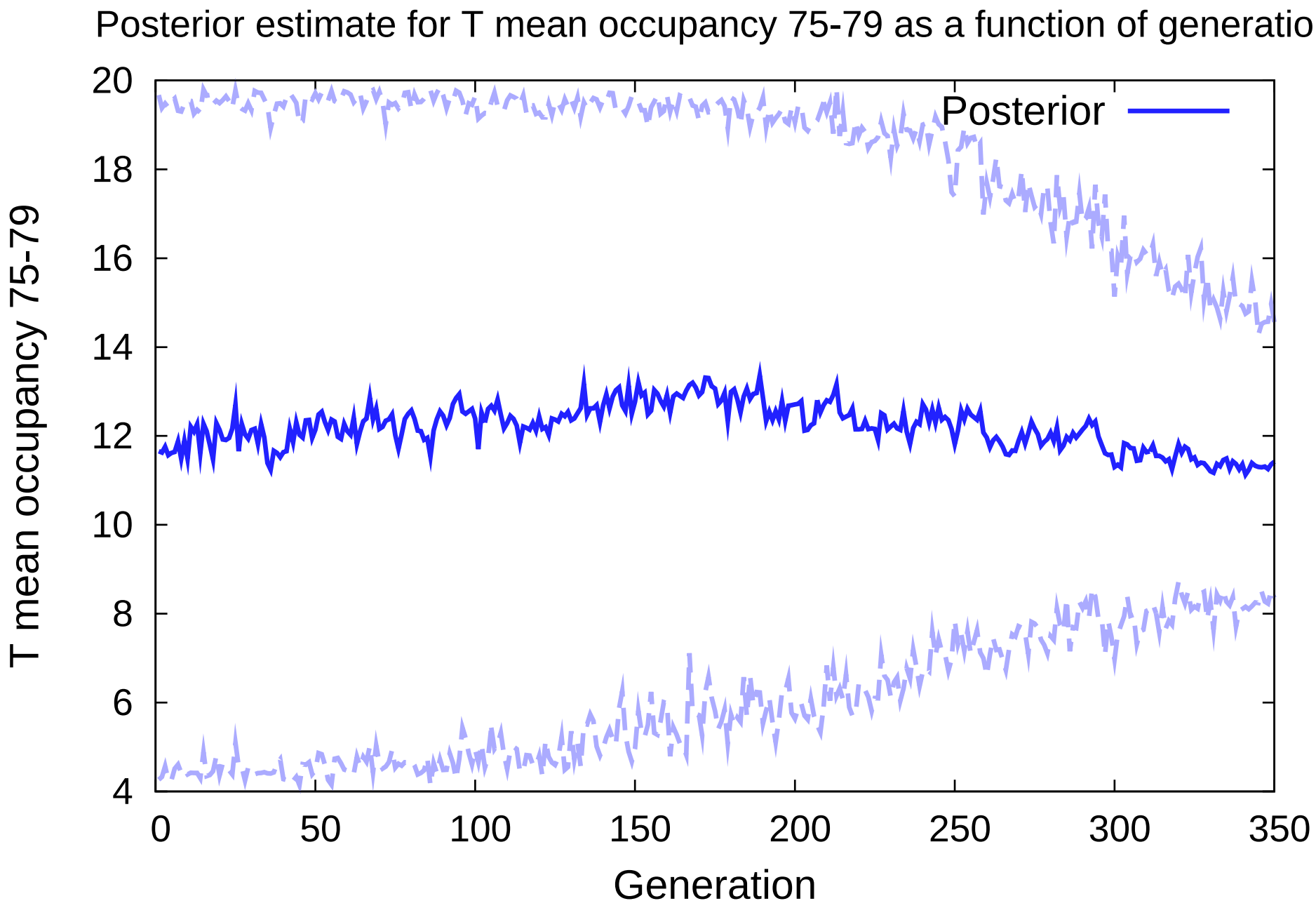

Posterior estimate for T mean occupancy 50-54 as a function of generation
T mean occupancy 50-54
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

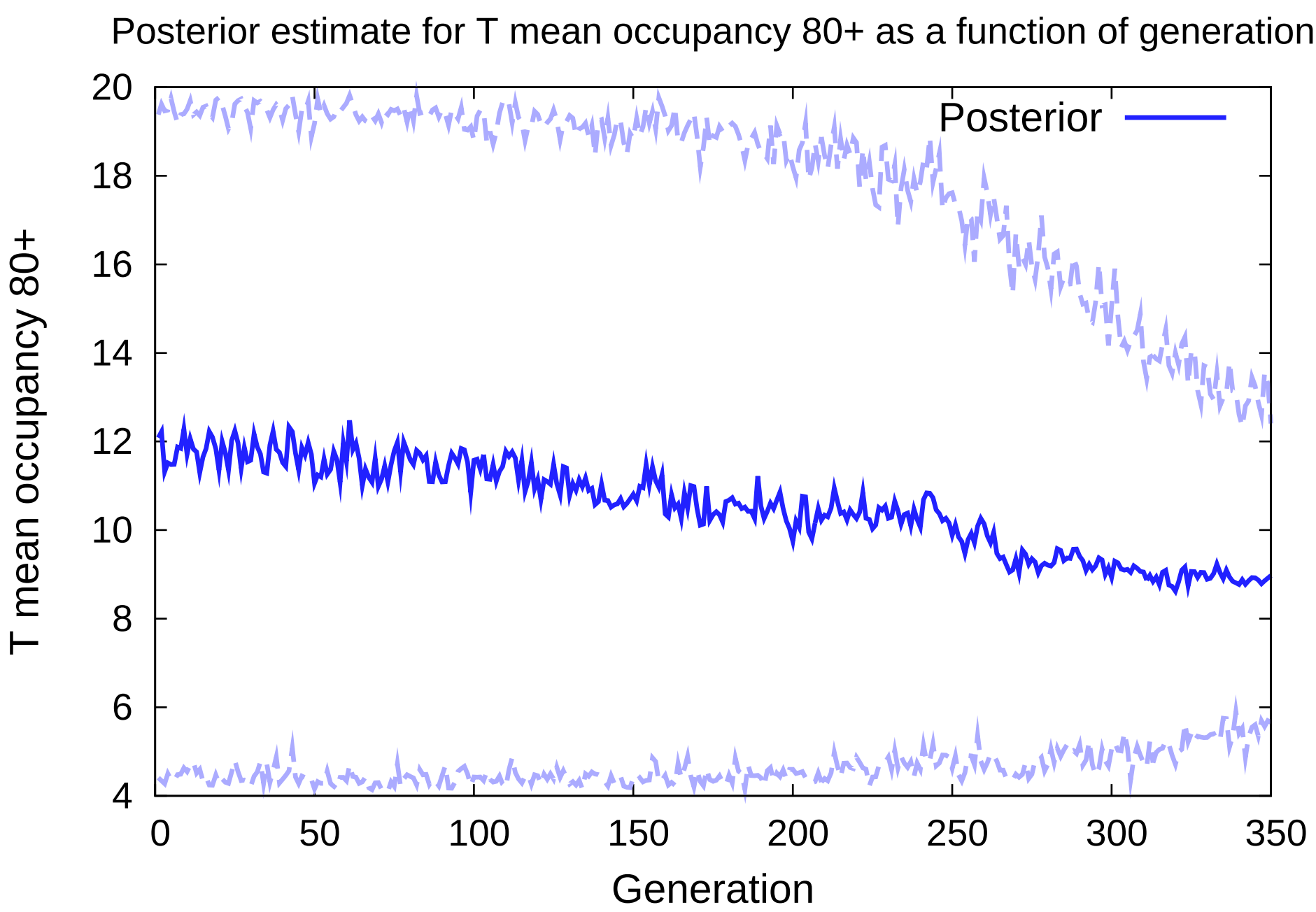

Posterior estimate for T mean occupancy 55-59 as a function of generation
T mean occupancy 55-59
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

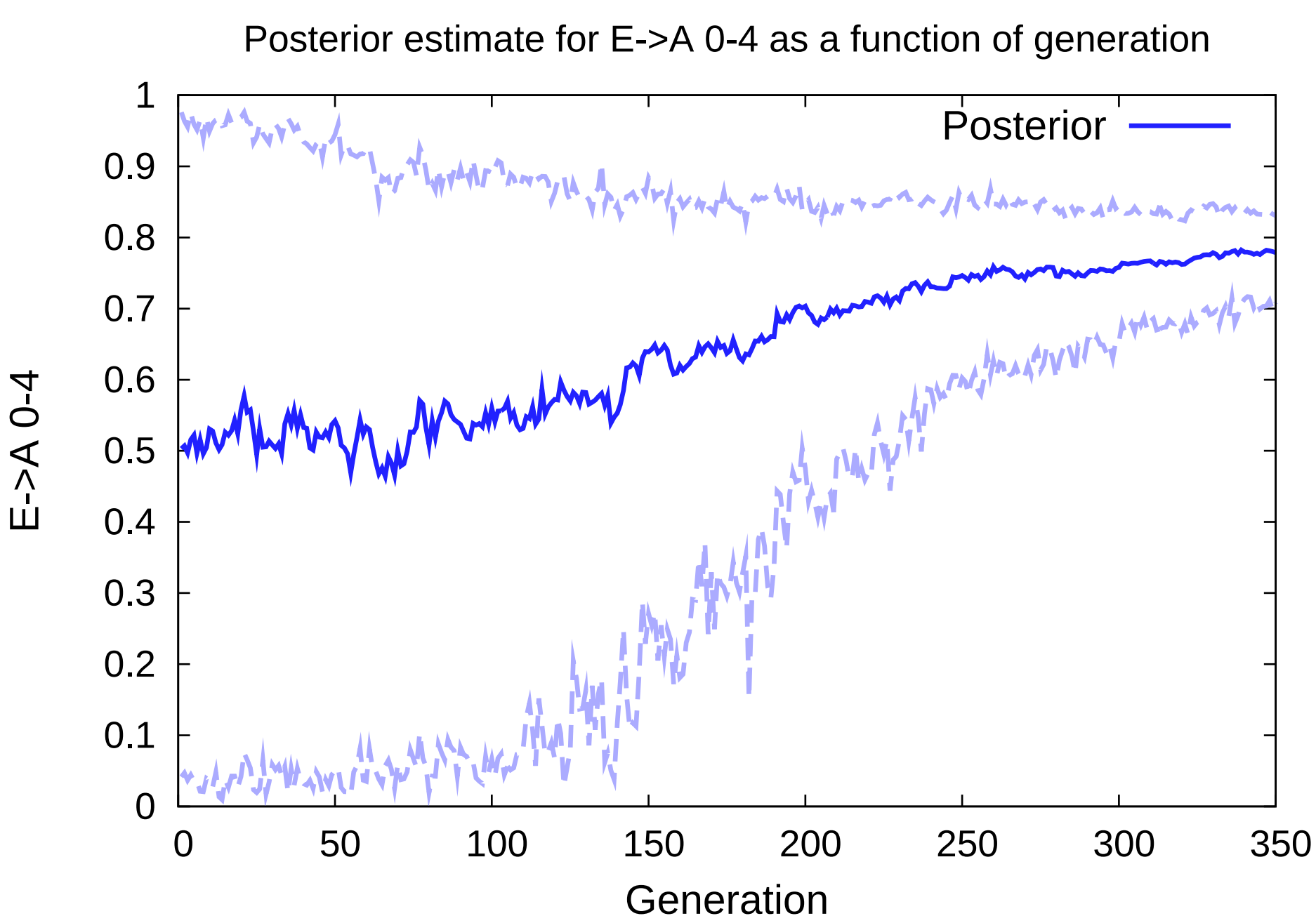

Posterior estimate for T mean occupancy 60-64 as a function of generation
T mean occupancy 60-64
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

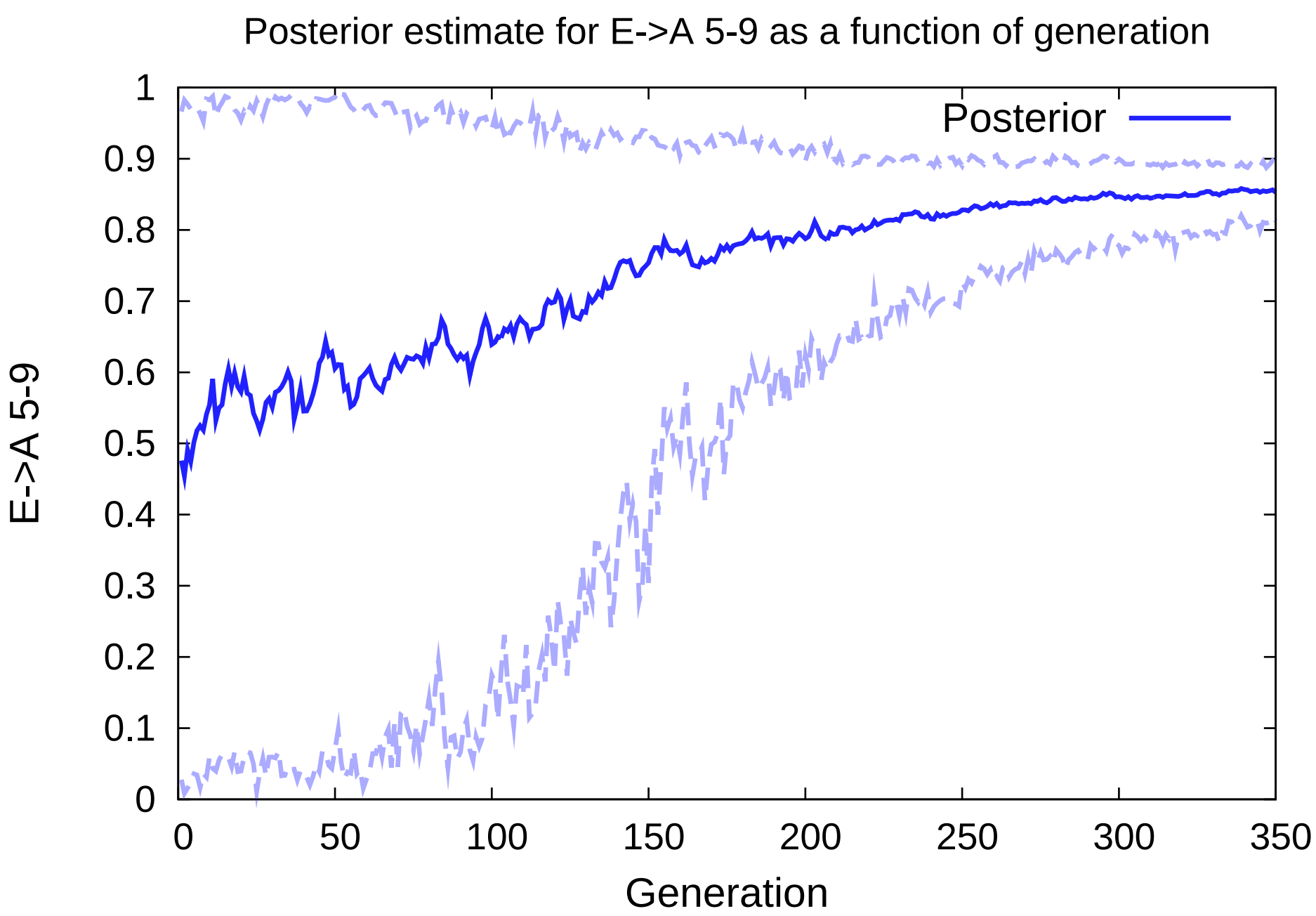

Posterior estimate for T mean occupancy 65-69 as a function of generation
T mean occupancy 65-69
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

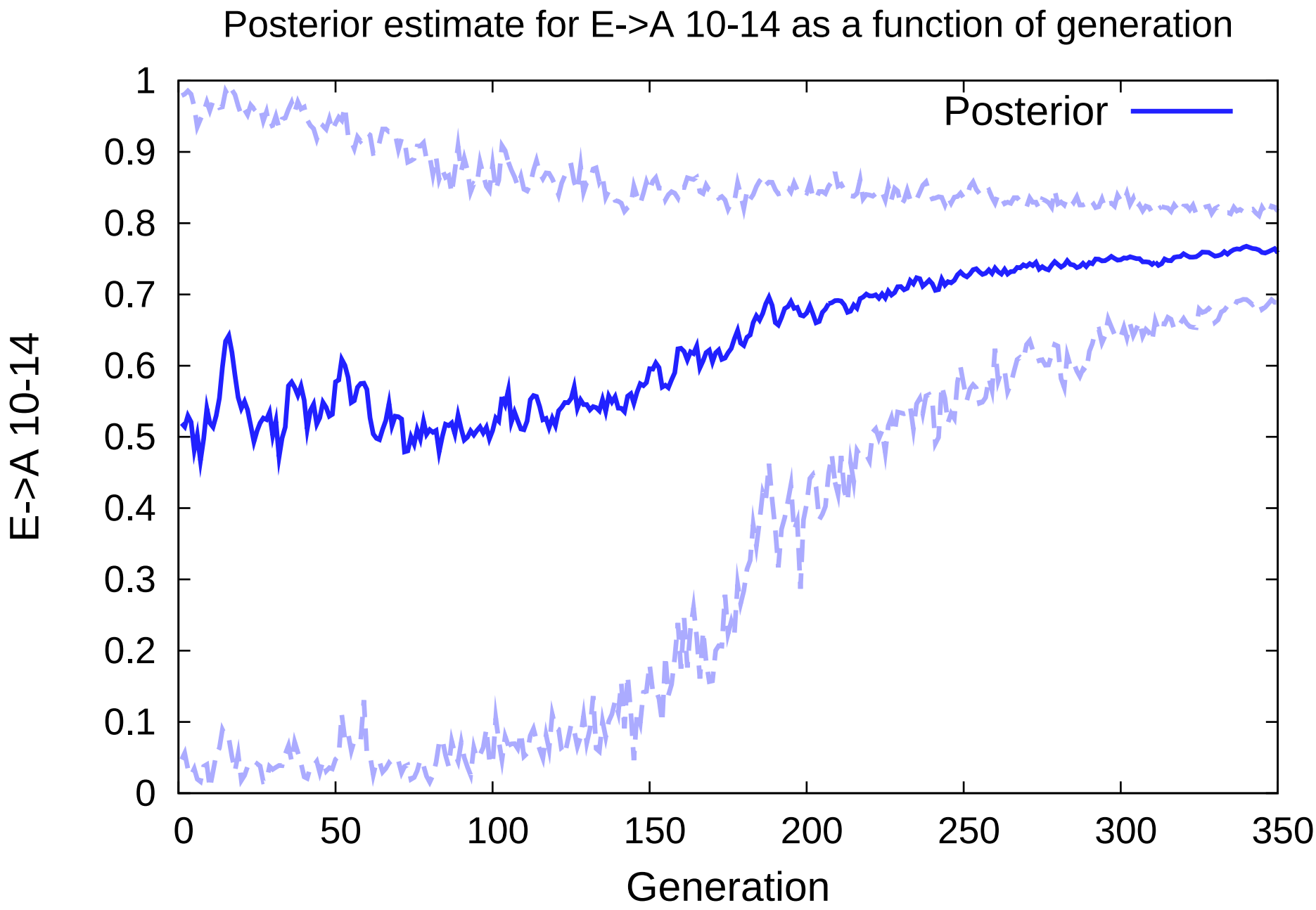

Posterior estimate for T mean occupancy 70-74 as a function of generation
T mean occupancy 70-74
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

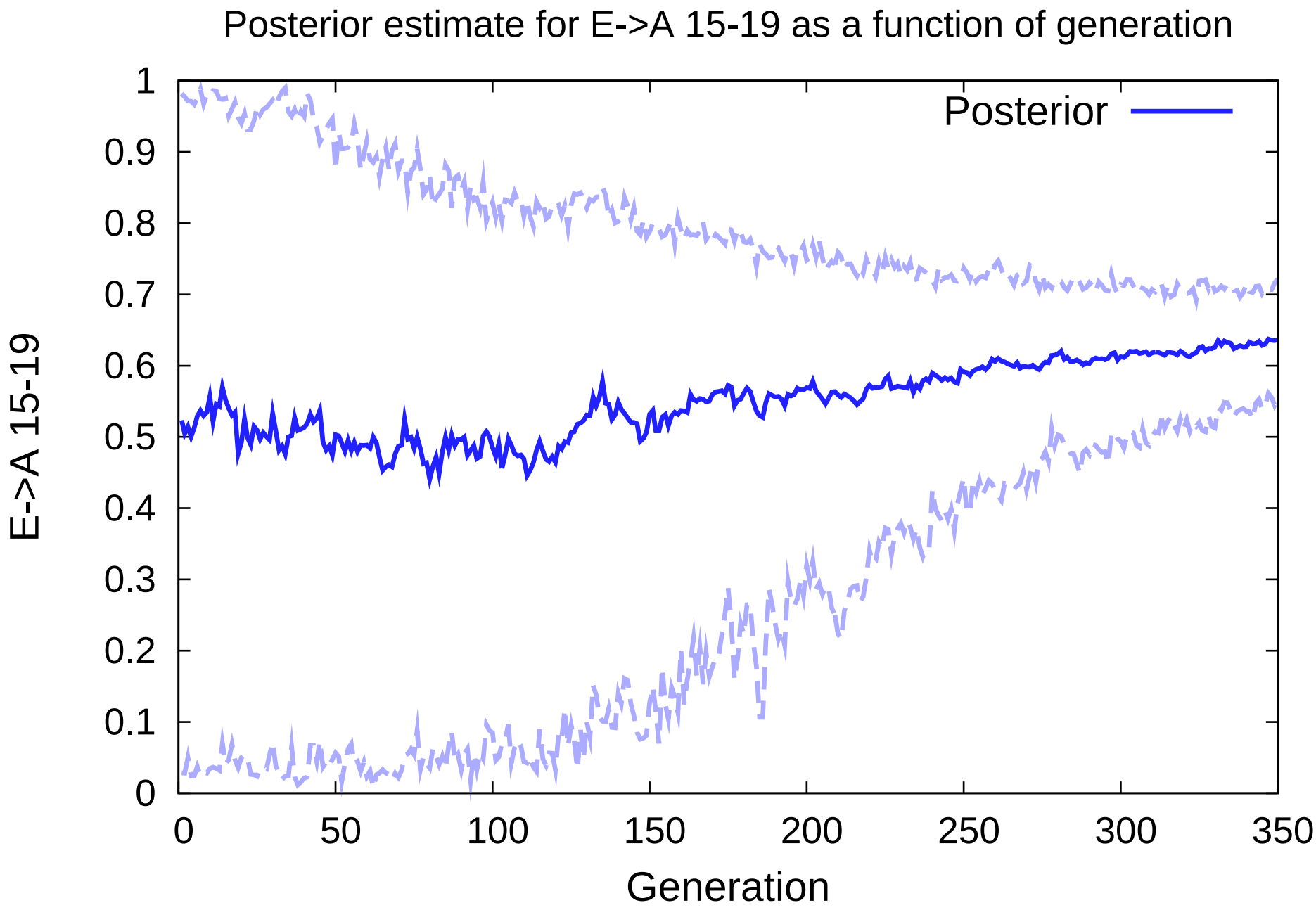

Posterior estimate for T mean occupancy 75-79 as a function of generation
T mean occupancy 75-79
Generation
Posterior
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

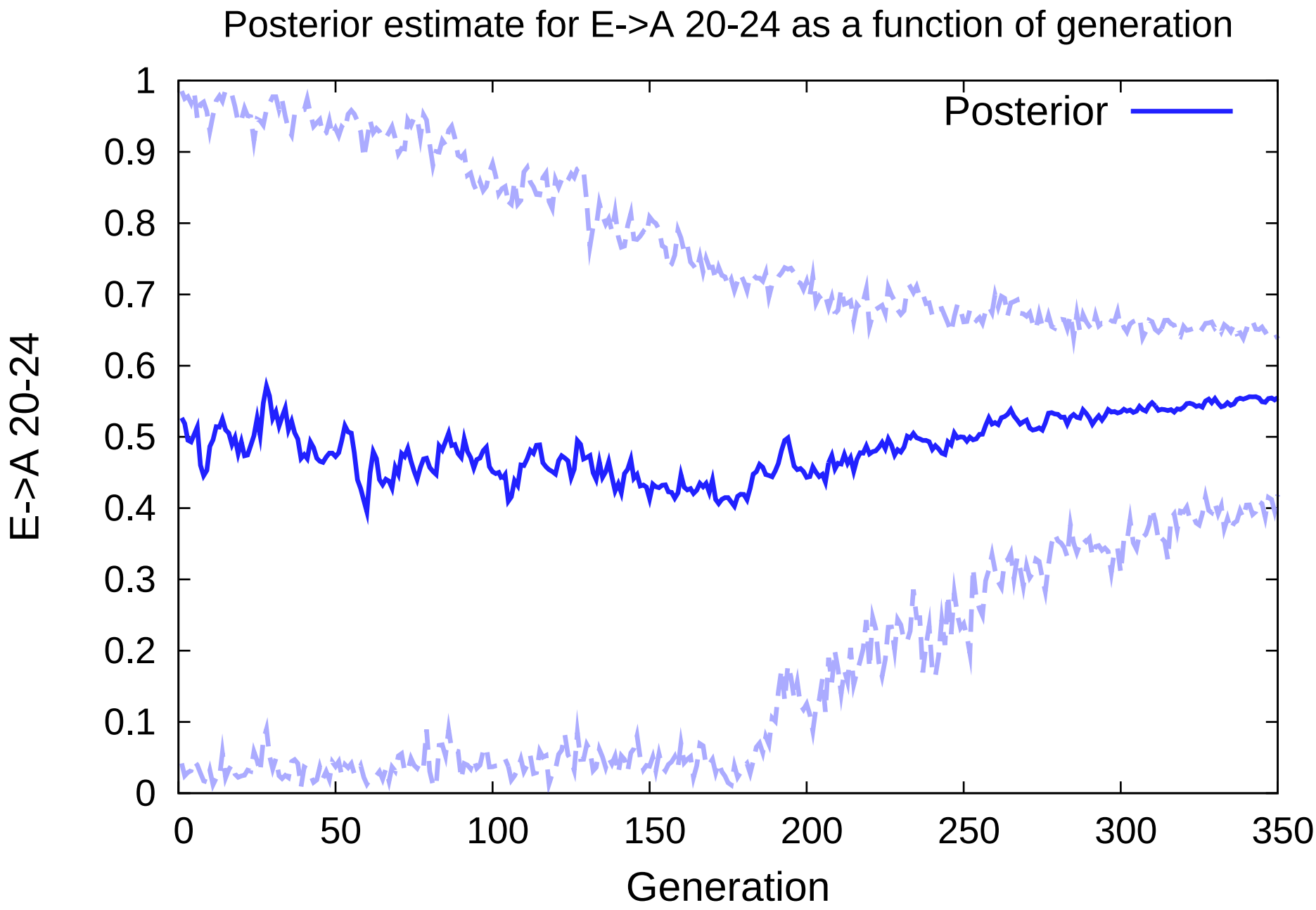

Posterior estimate for T mean occupancy 80+ as a function of generation
Posterior
T mean occupancy 80+
Generation
20
18
16
14
12
10
8
6
4
0
50
100
150
200
250
300
350

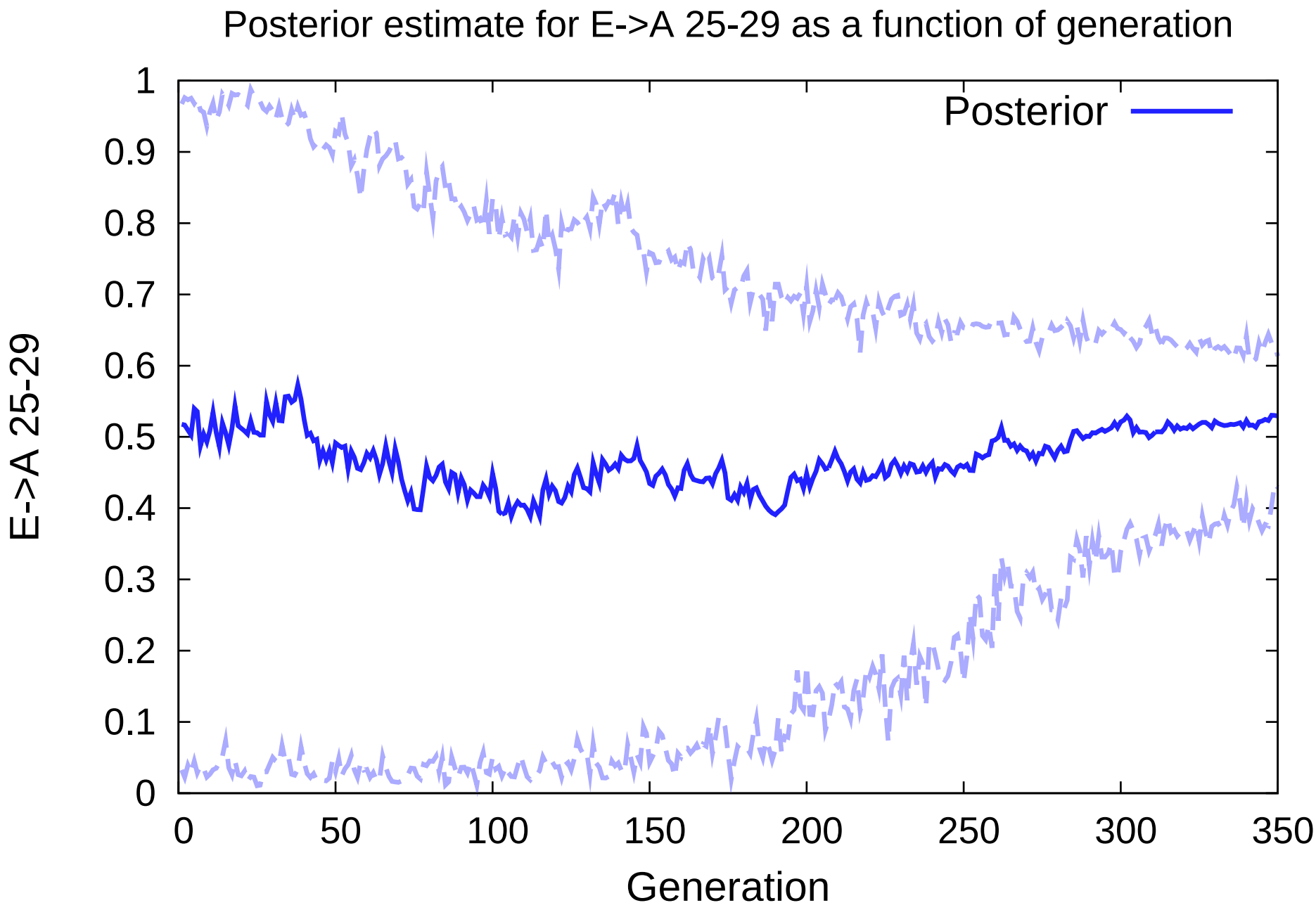

Posterior estimate for E->A 0-4 as a function of generation
Posterior
E->A 0-4
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

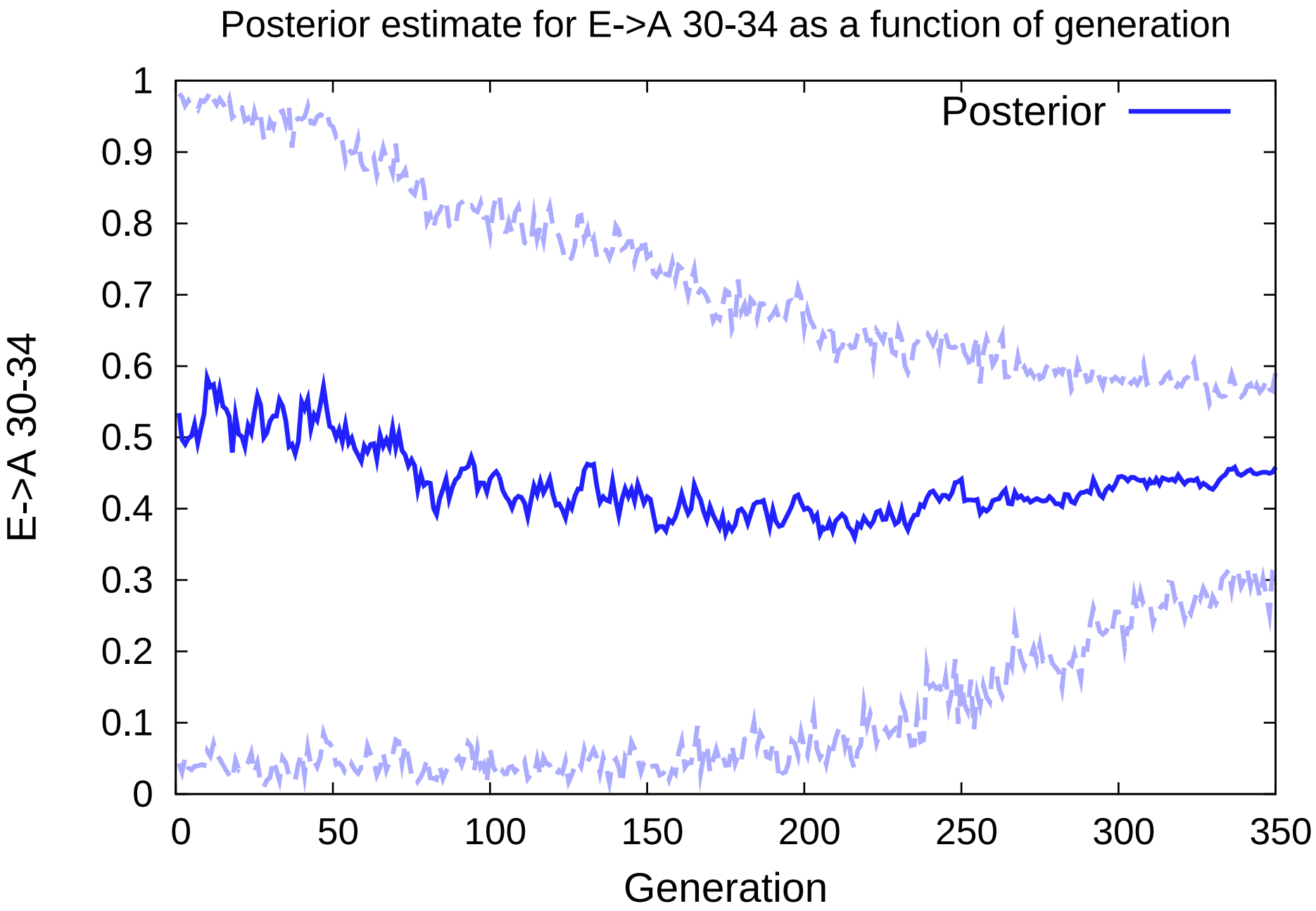

Posterior estimate for E->A 5-9 as a function of generation
Posterior
E->A 5-9
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

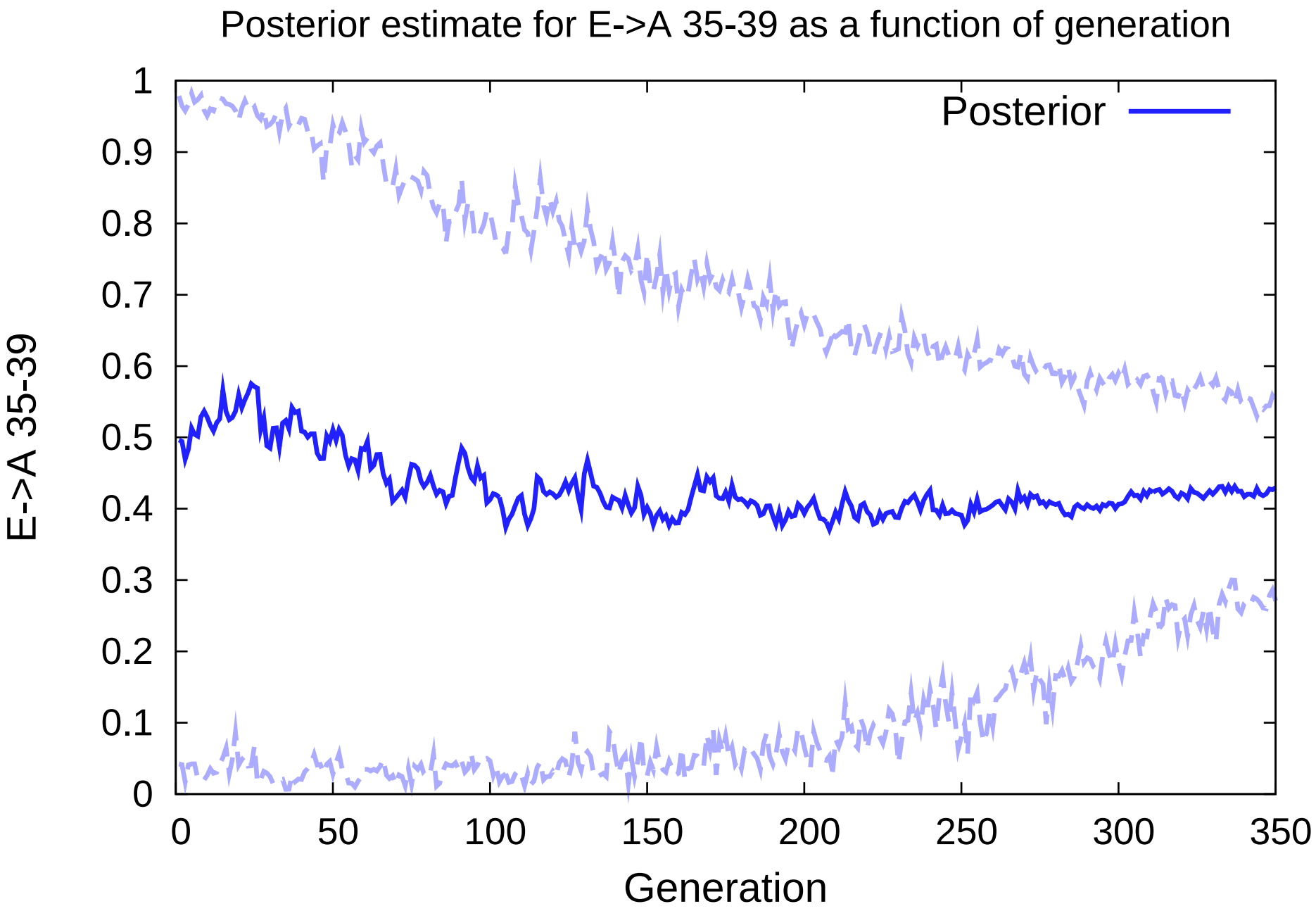

Posterior estimate for E->A 10-14 as a function of generation
Posterior
E->A 10-14
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

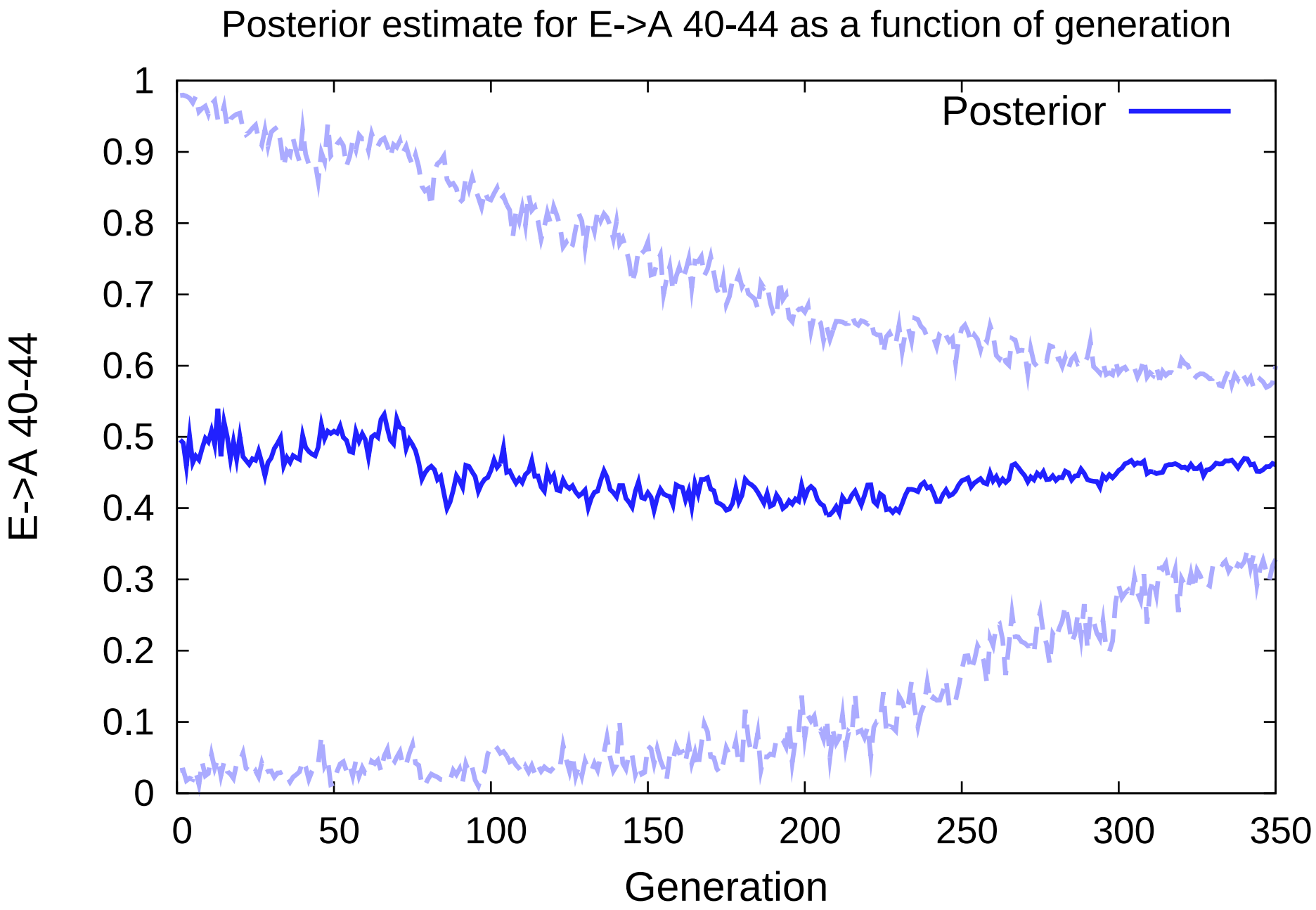

Posterior estimate for E->A 15-19 as a function of generation
Posterior
E->A 15-19
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

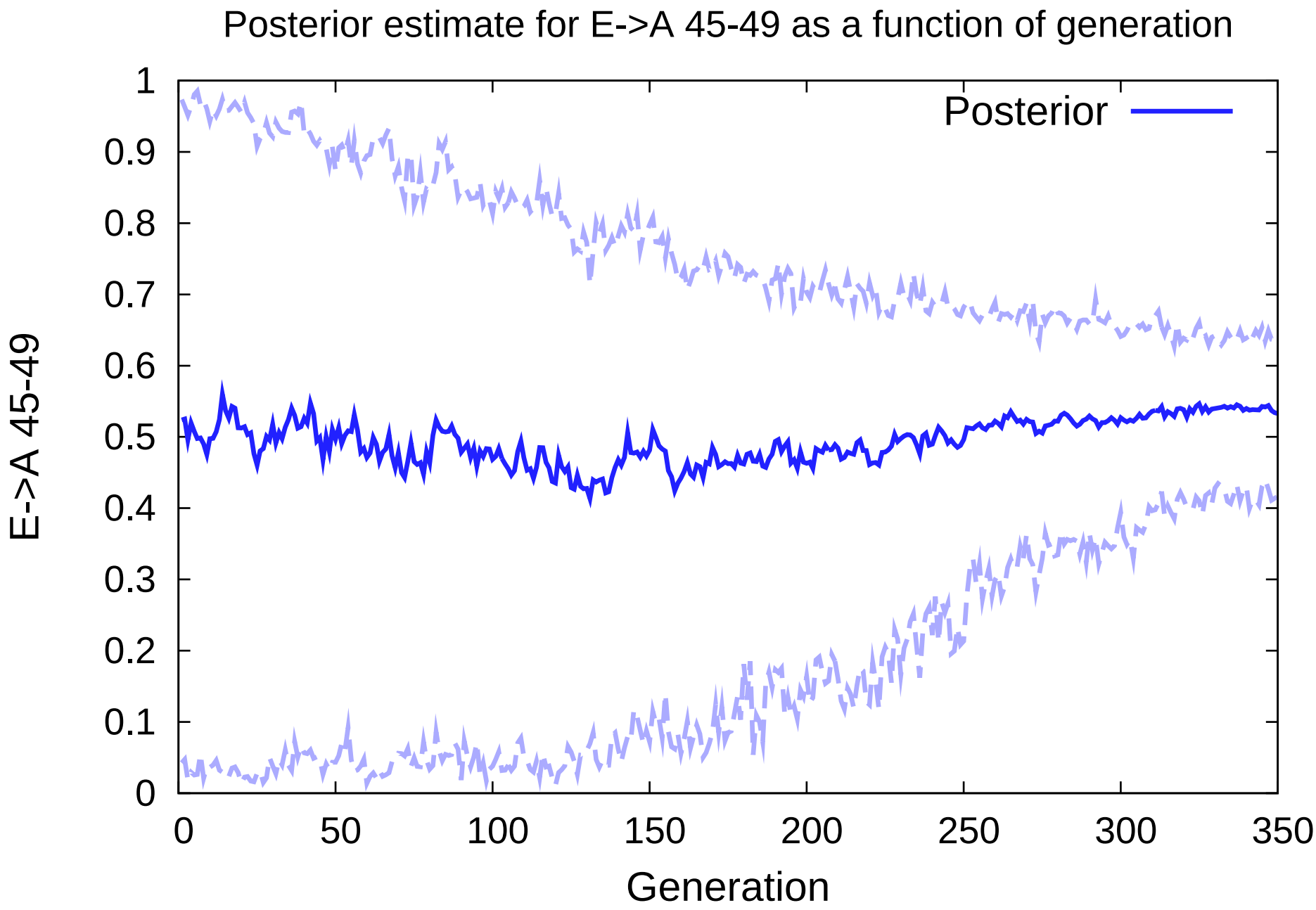

Posterior estimate for E->A 20-24 as a function of generation
Posterior
E->A 20-24
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

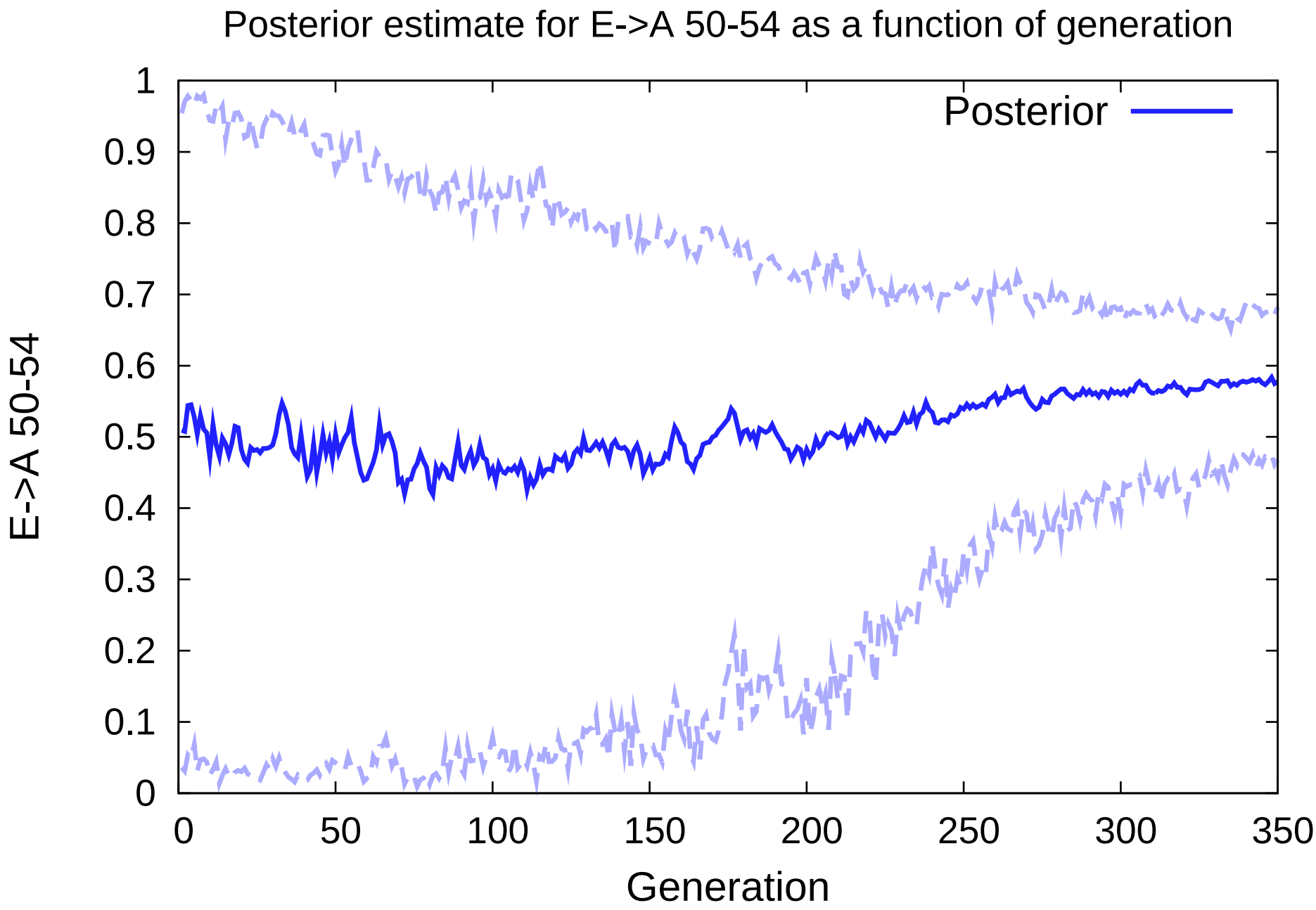

Posterior estimate for E->A 25-29 as a function of generation
Posterior
E->A 25-29
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

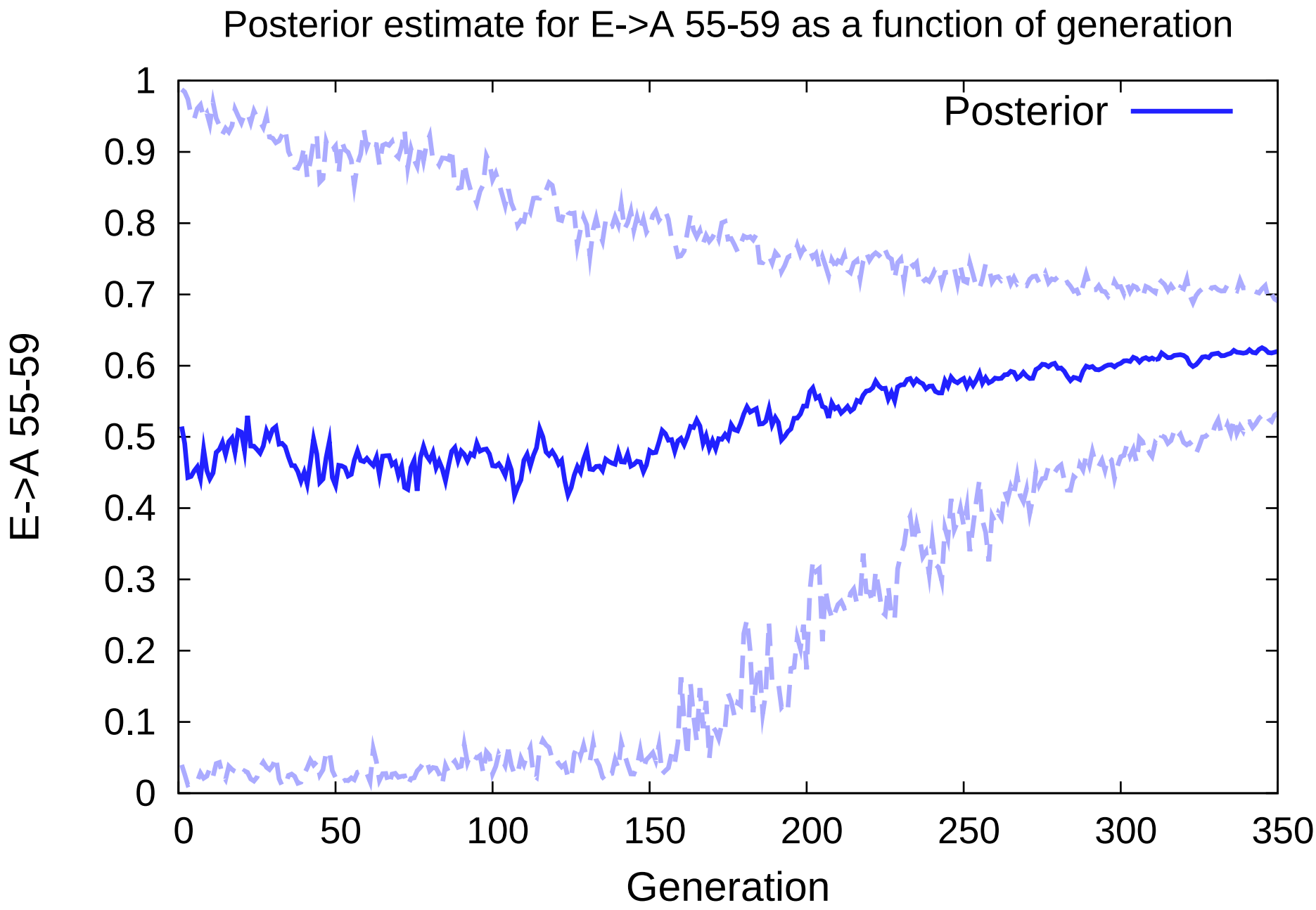

Posterior estimate for E->A 30-34 as a function of generation
Posterior
E->A 30-34
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

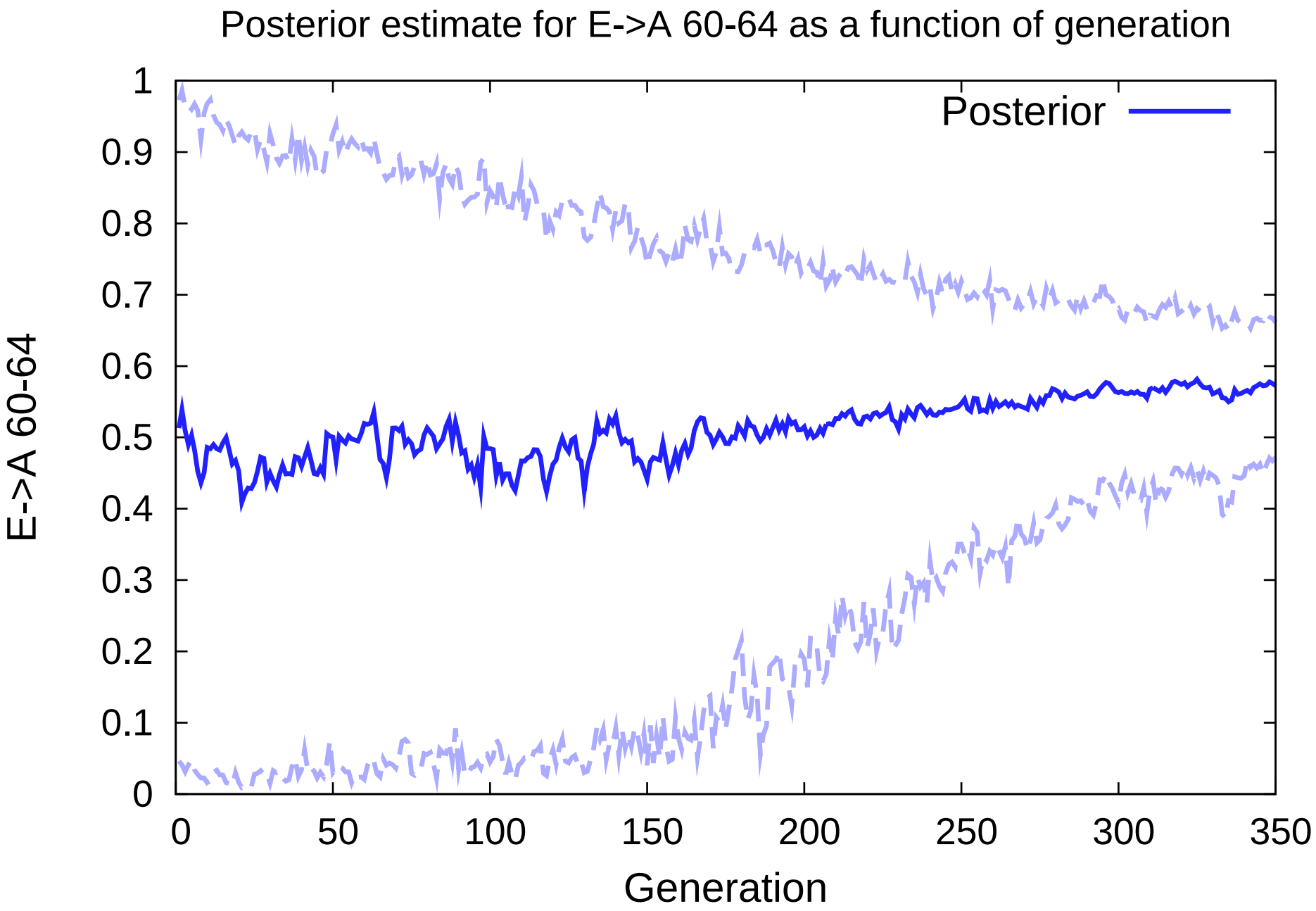

Posterior estimate for E->A 35-39 as a function of generation
Posterior
E->A 35-39
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

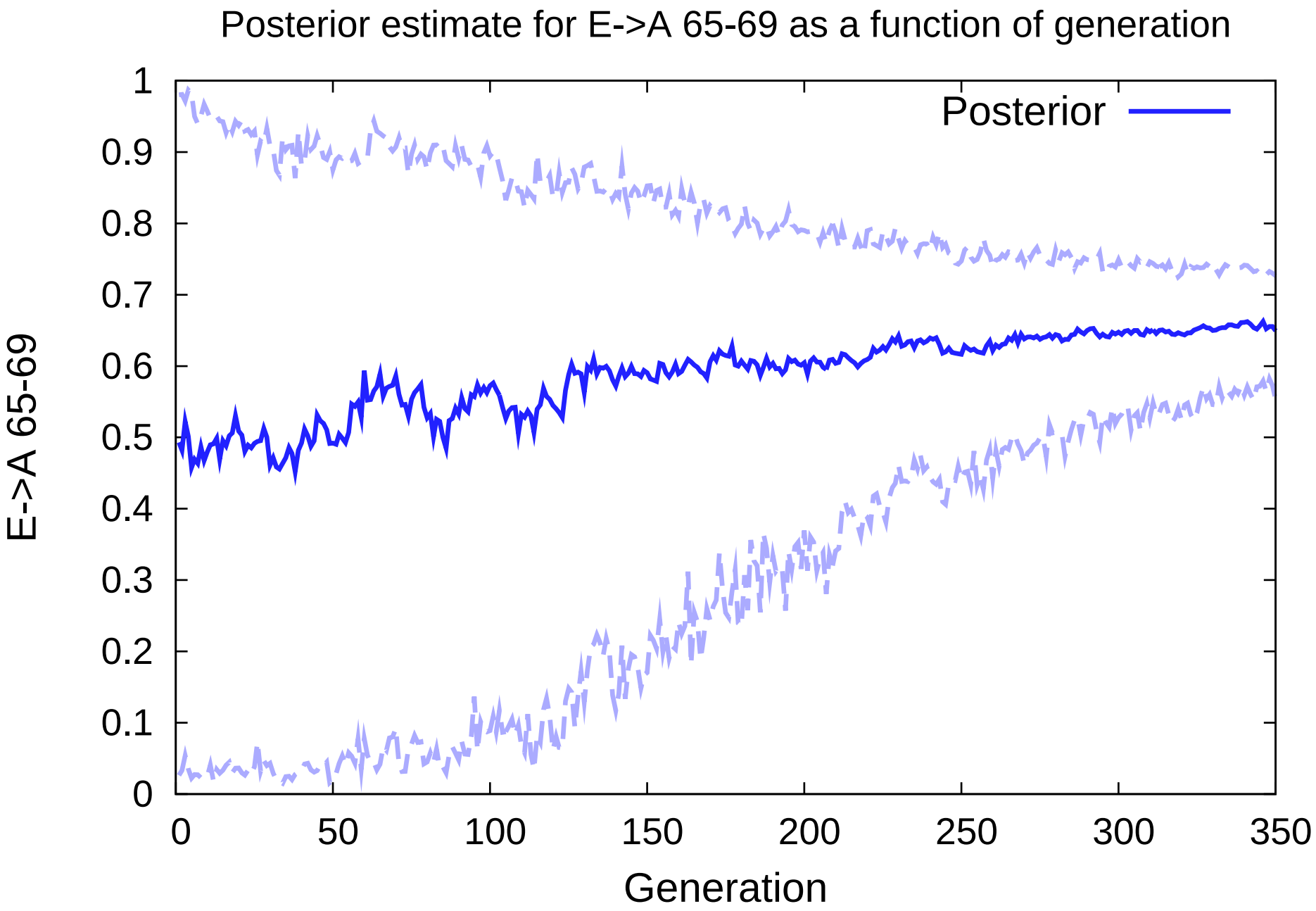

Posterior estimate for E->A 40-44 as a function of generation
Posterior
E->A 40-44
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

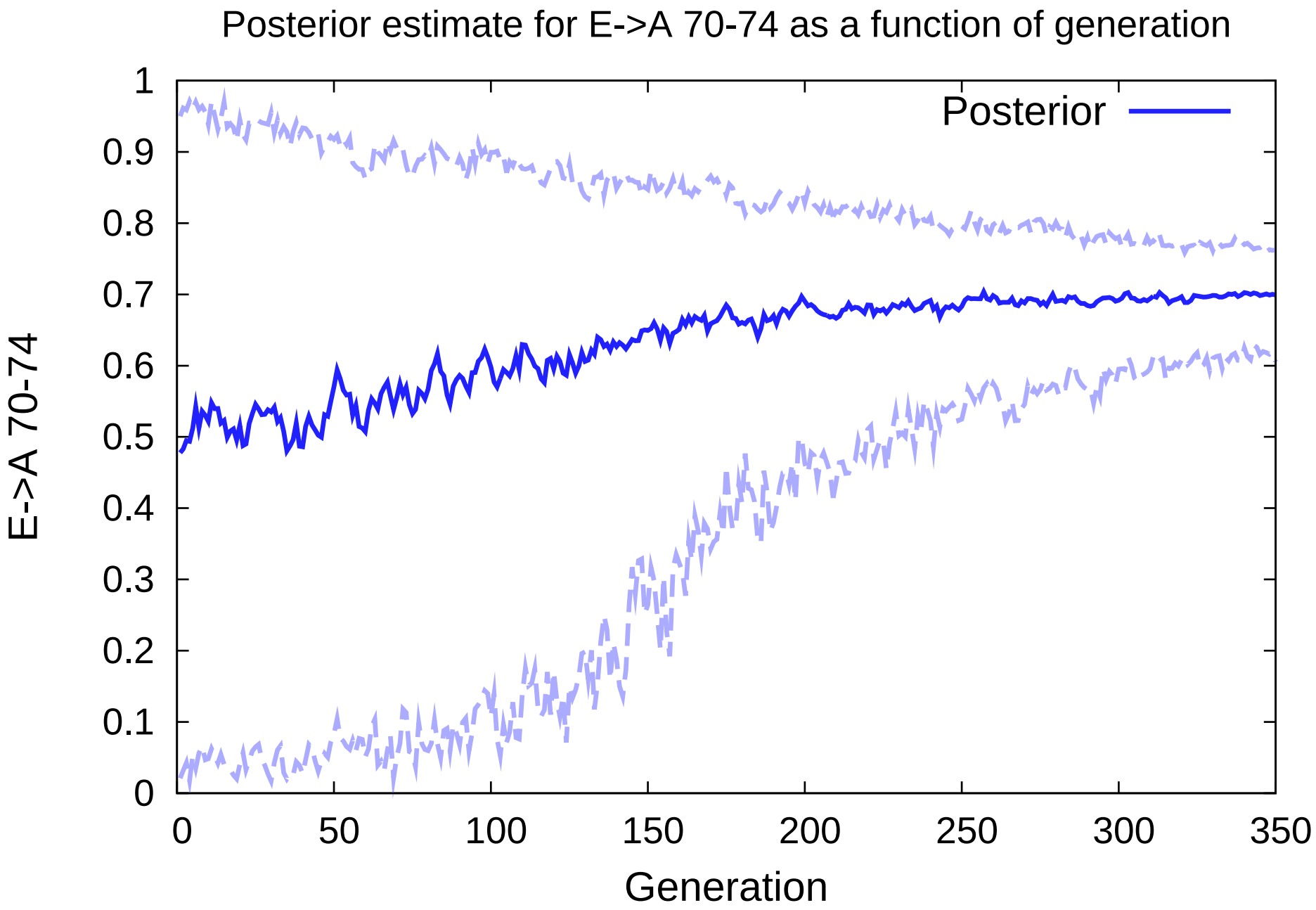

Posterior estimate for E->A 45-49 as a function of generation
Posterior
E->A 45-49
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

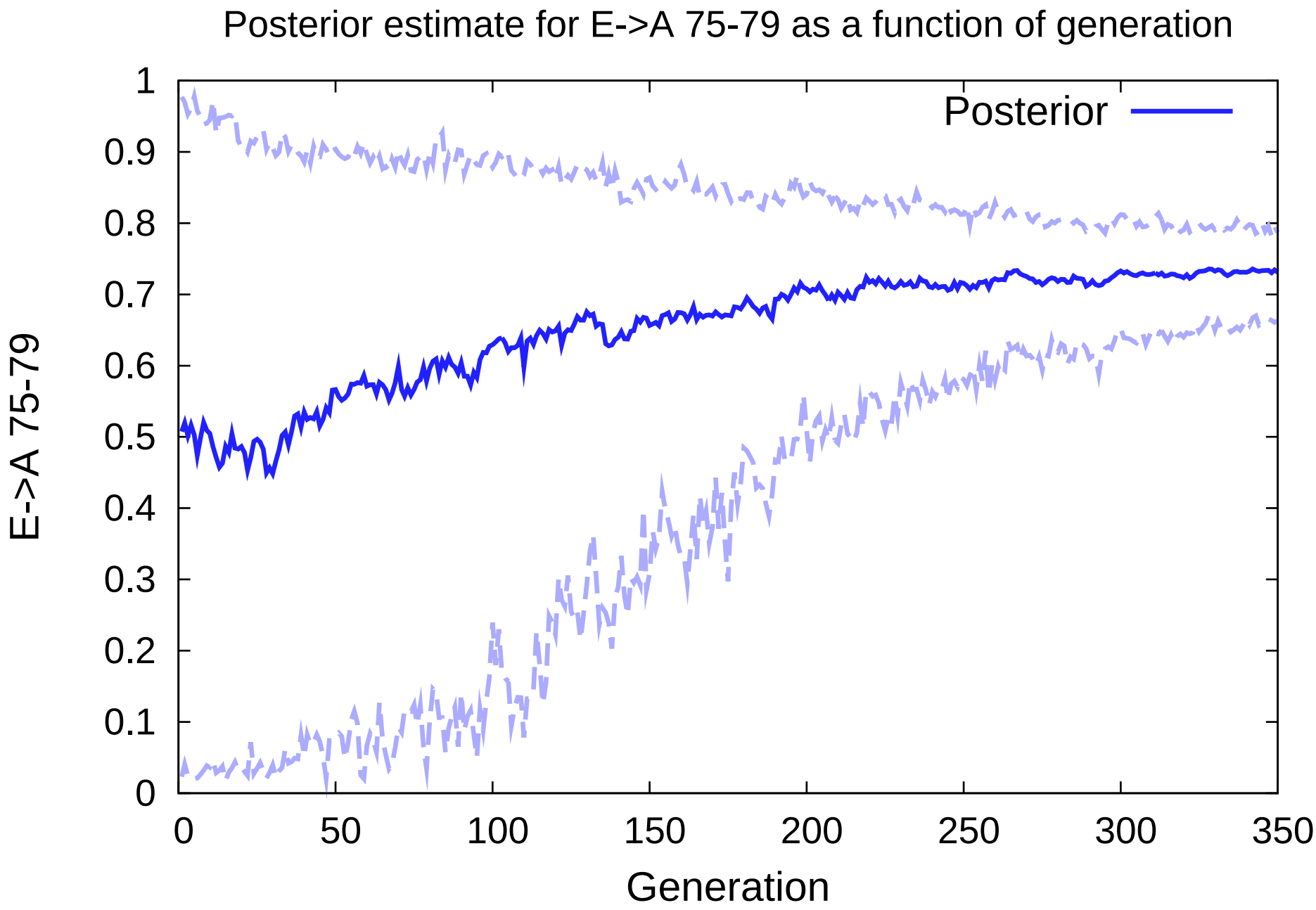

Posterior estimate for E->A 50-54 as a function of generation
Posterior
E->A 50-54
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

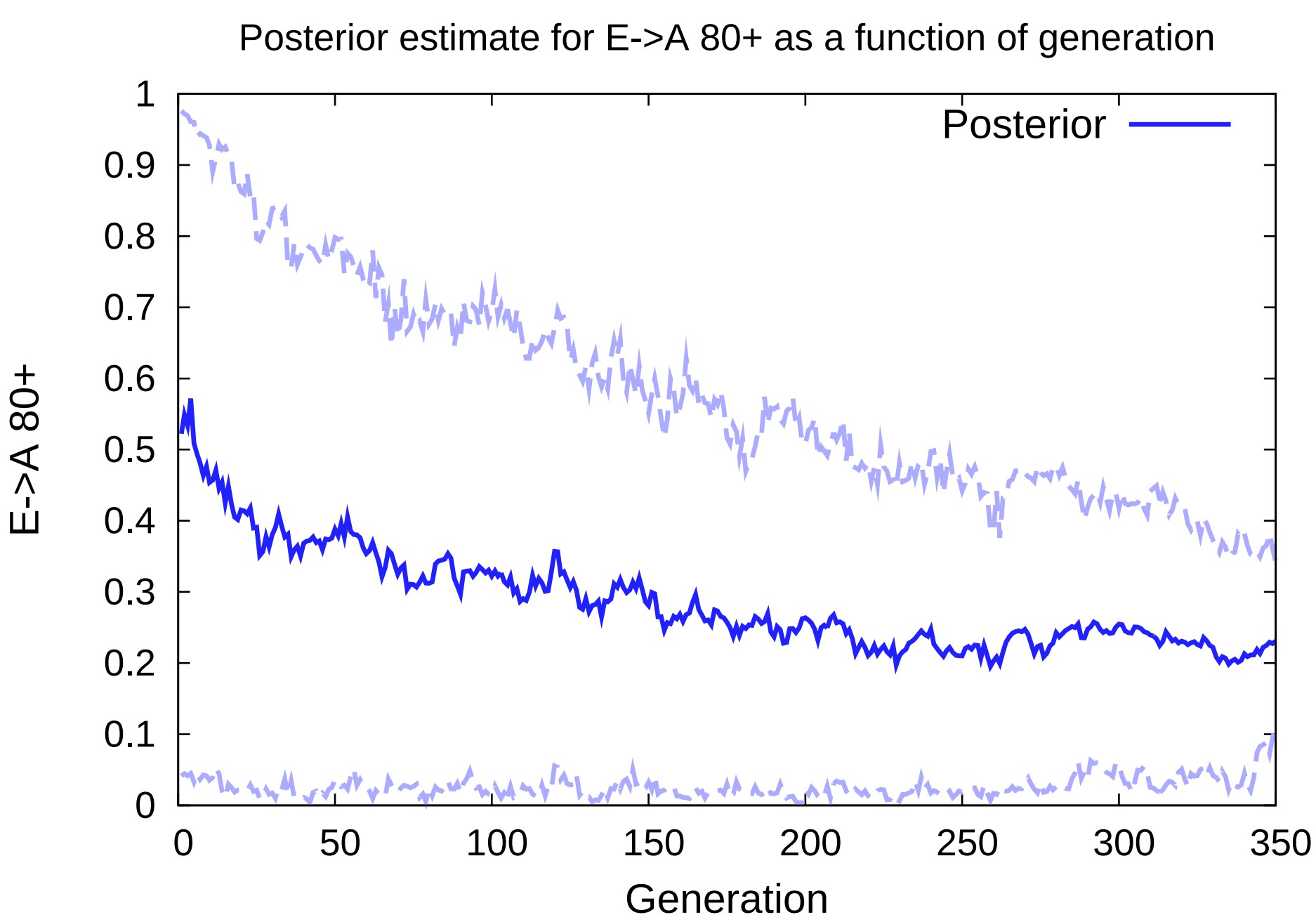

Posterior estimate for E->A 55-59 as a function of generation
Posterior
E->A 55-59
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

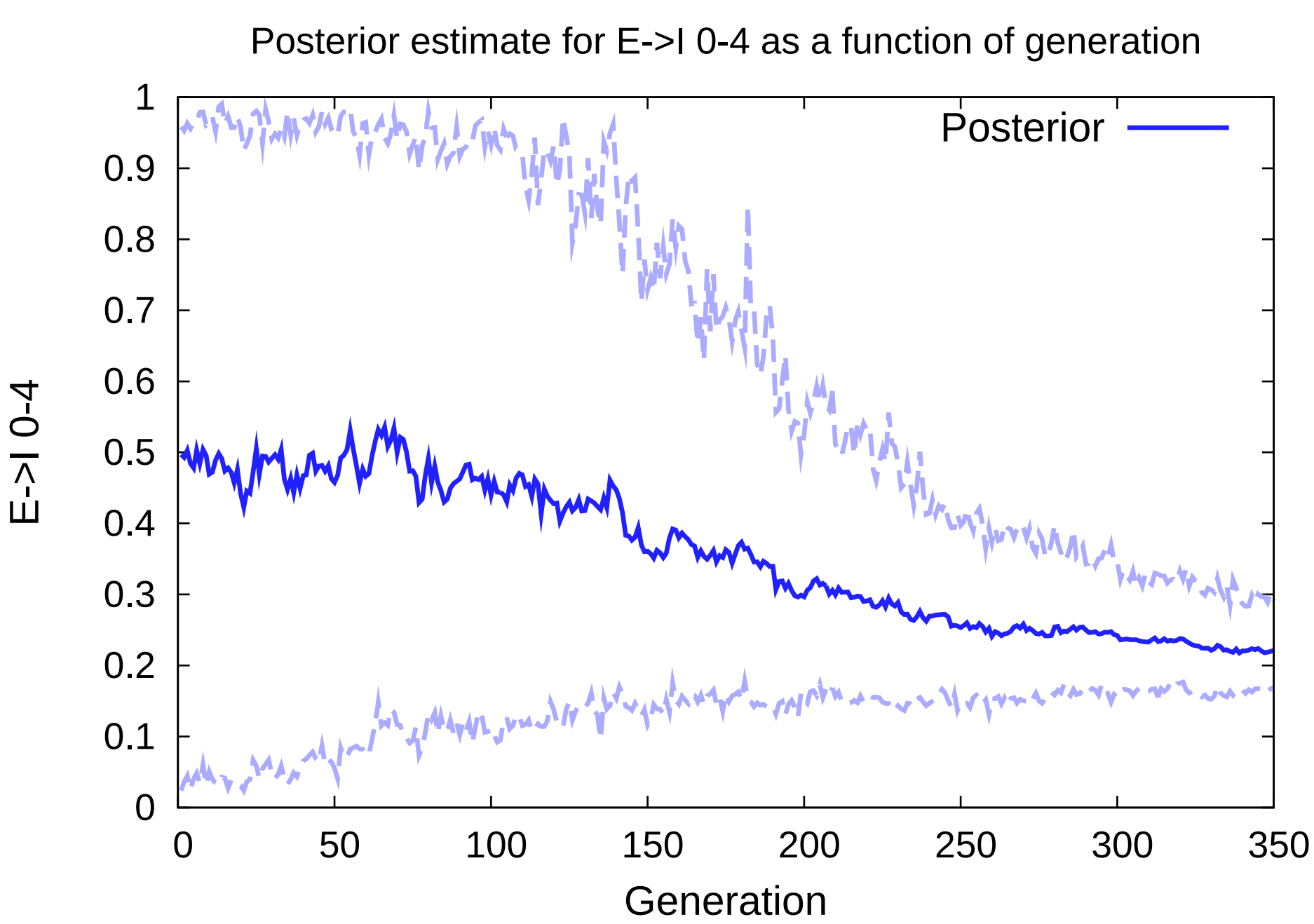

Posterior estimate for E->A 60-64 as a function of generation
Posterior
E->A 60-64
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

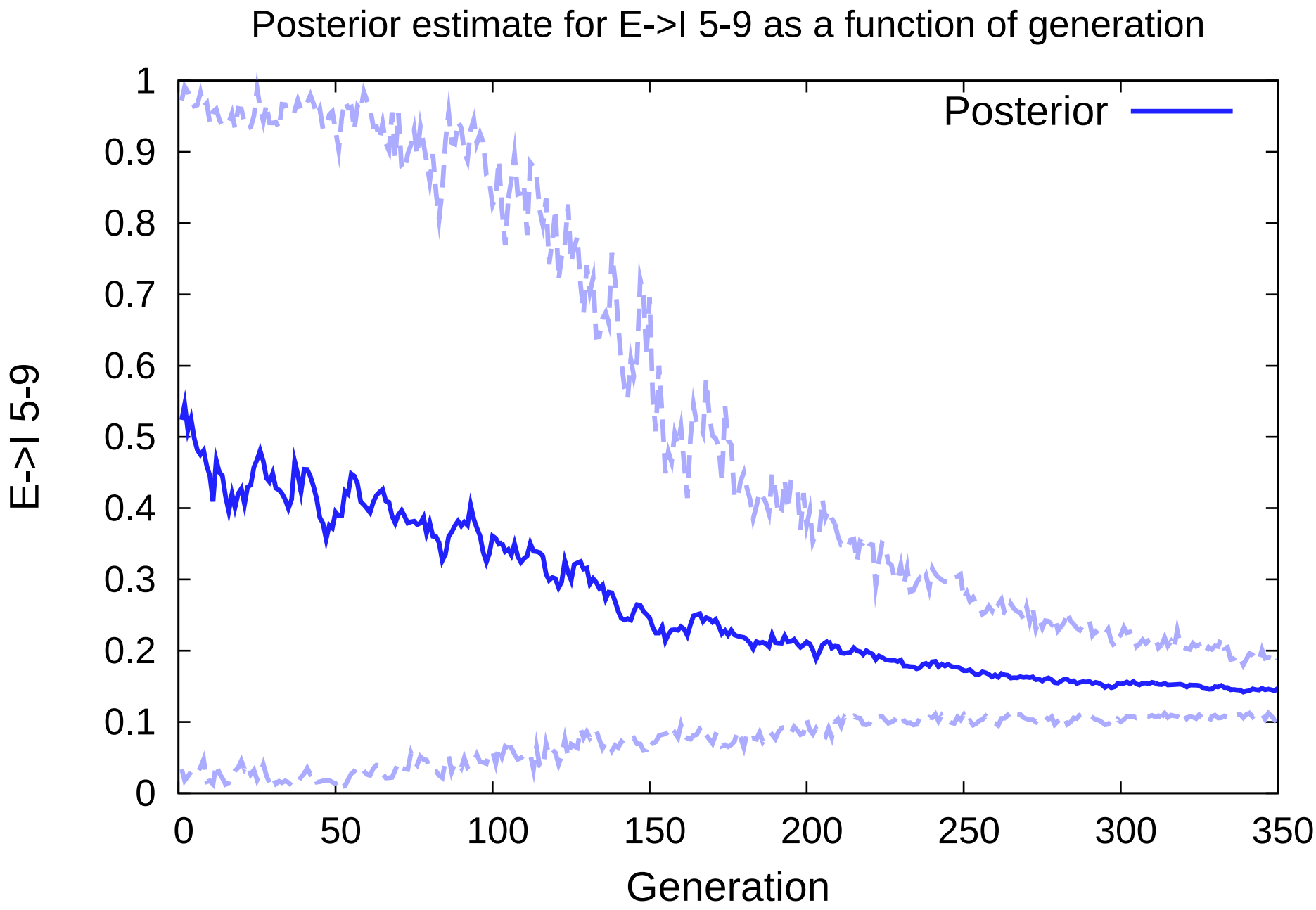

Posterior estimate for E->A 65-69 as a function of generation
Posterior
E->A 65-69
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

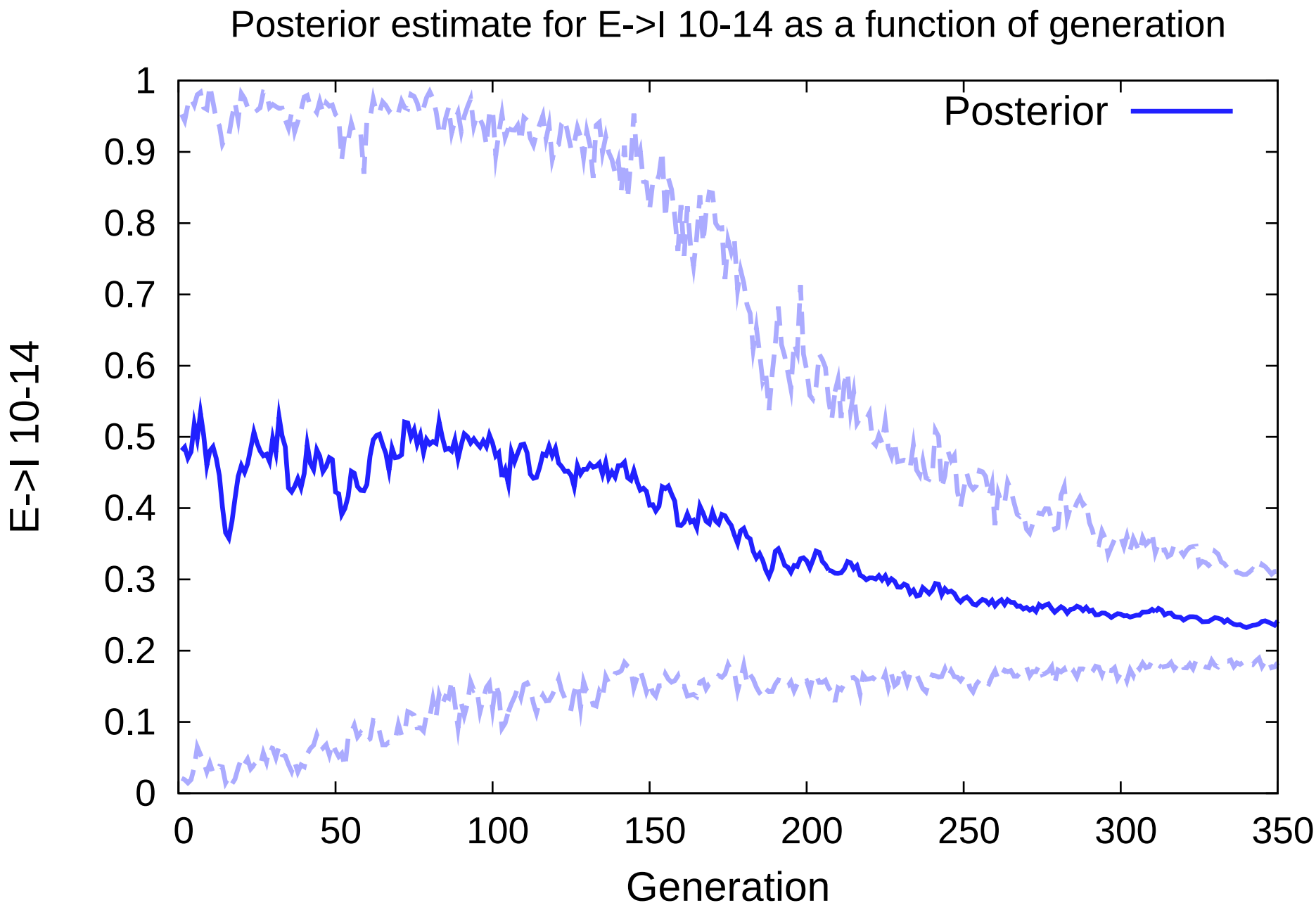

Posterior estimate for E->A 70-74 as a function of generation
Posterior
E->A 70-74
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

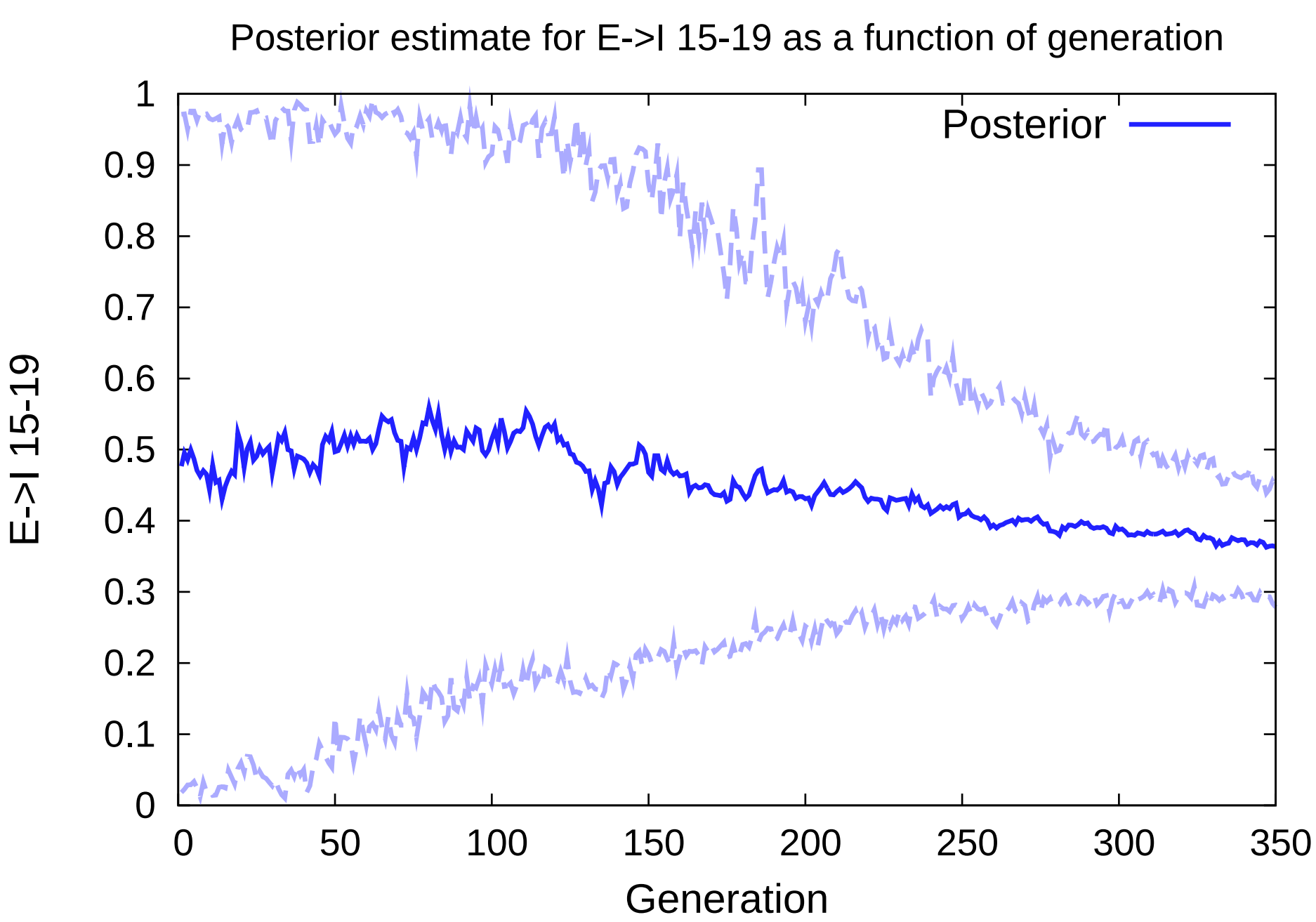

Posterior estimate for E->A 75-79 as a function of generation
Posterior
E->A 75-79
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

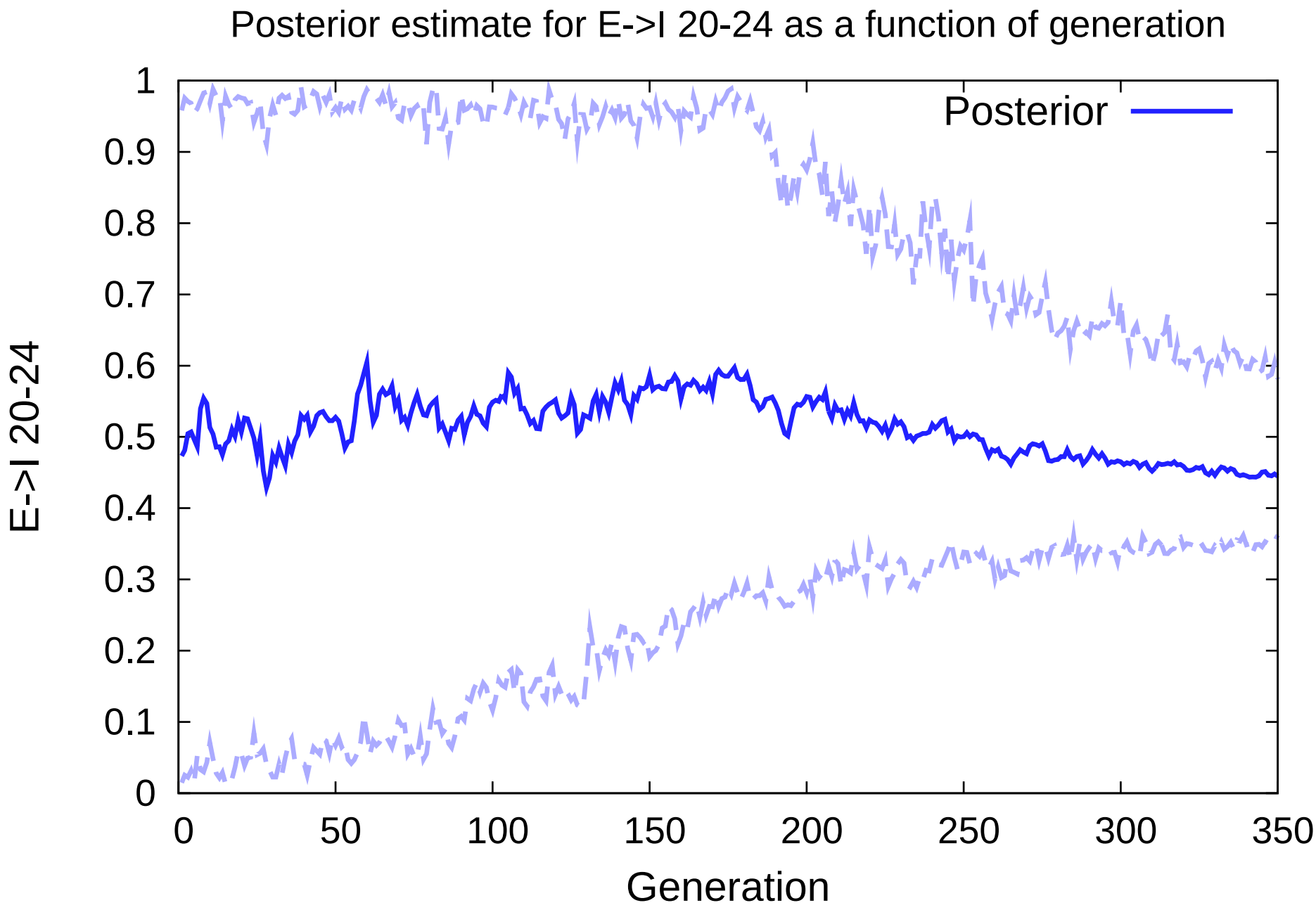

Posterior estimate for E->A 80+ as a function of generation
Posterior
E->A 80+
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

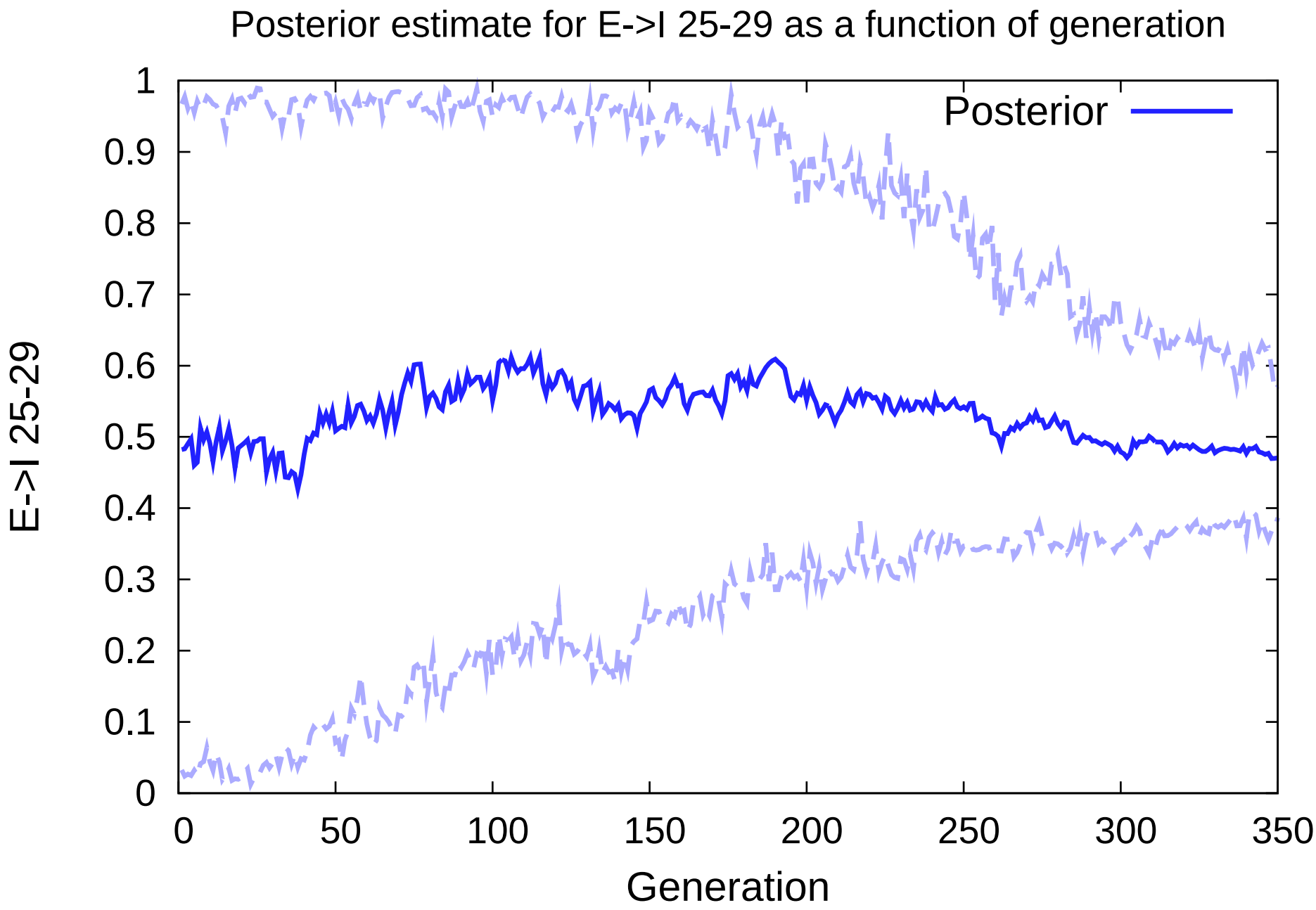

Posterior estimate for E->I 0-4 as a function of generation
Posterior
E->I 0-4
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

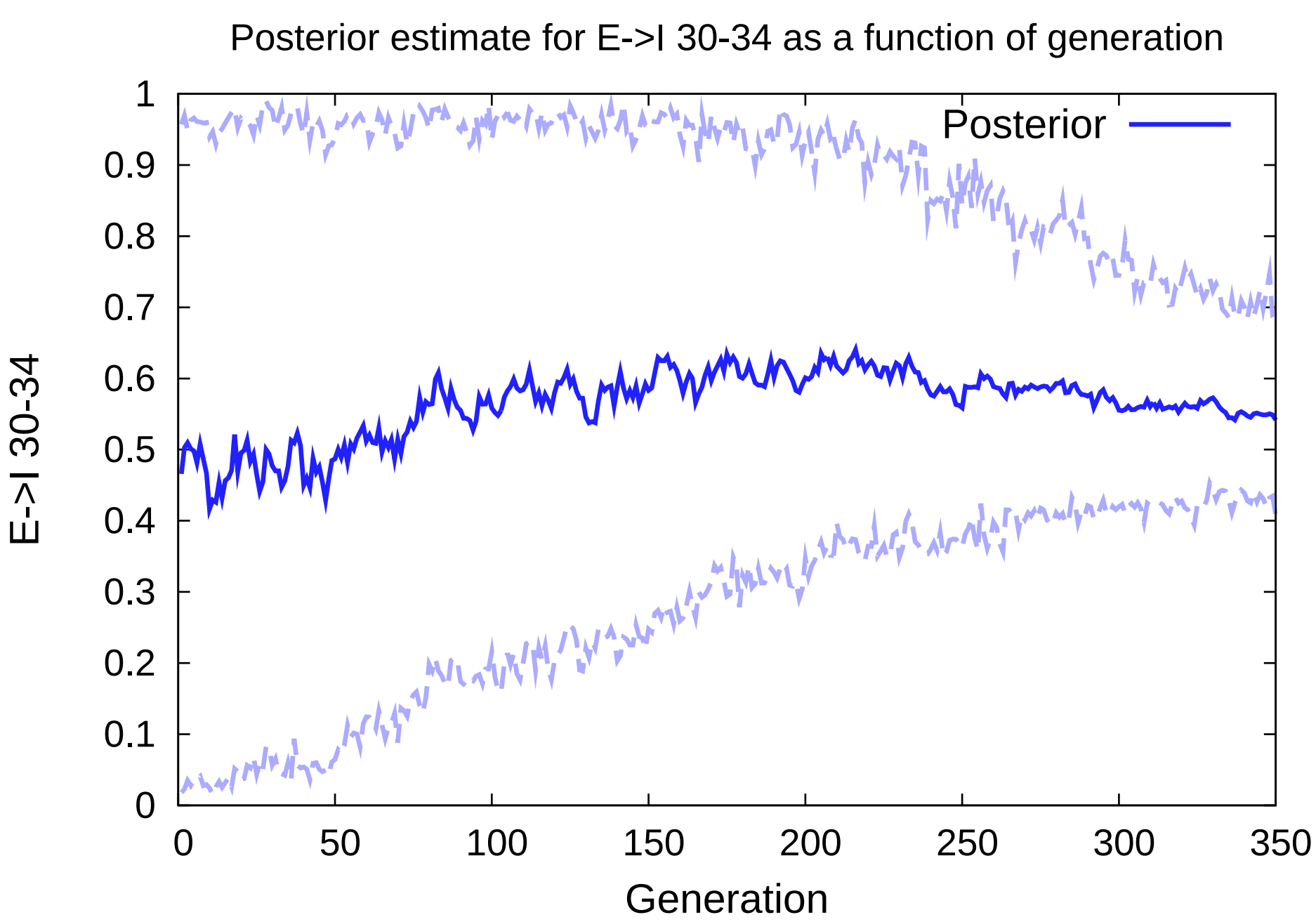

Posterior estimate for E->I 5-9 as a function of generation
Posterior
E->I 5-9
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

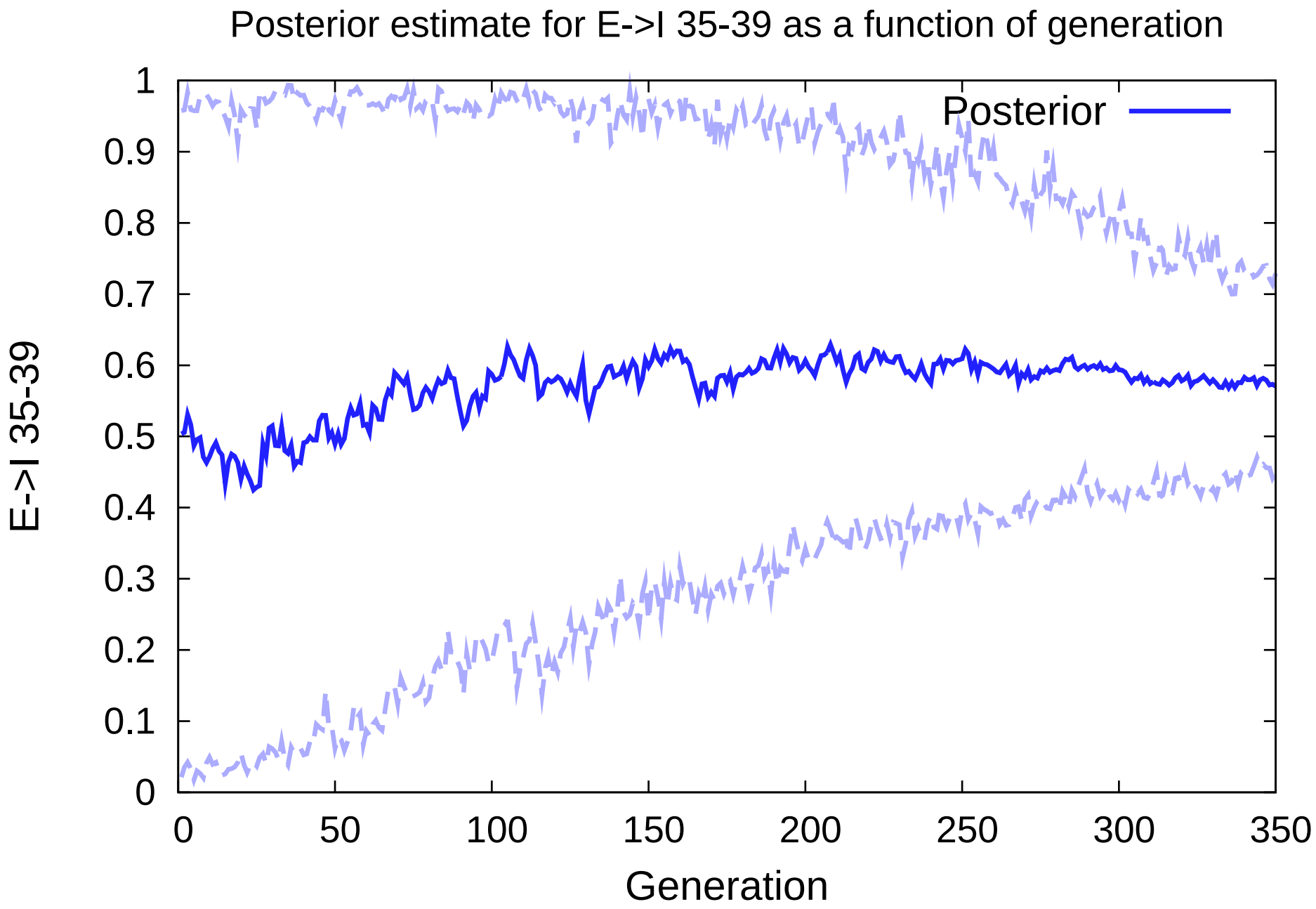

Posterior estimate for E->I 10-14 as a function of generation
Posterior
E->I 10-14
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

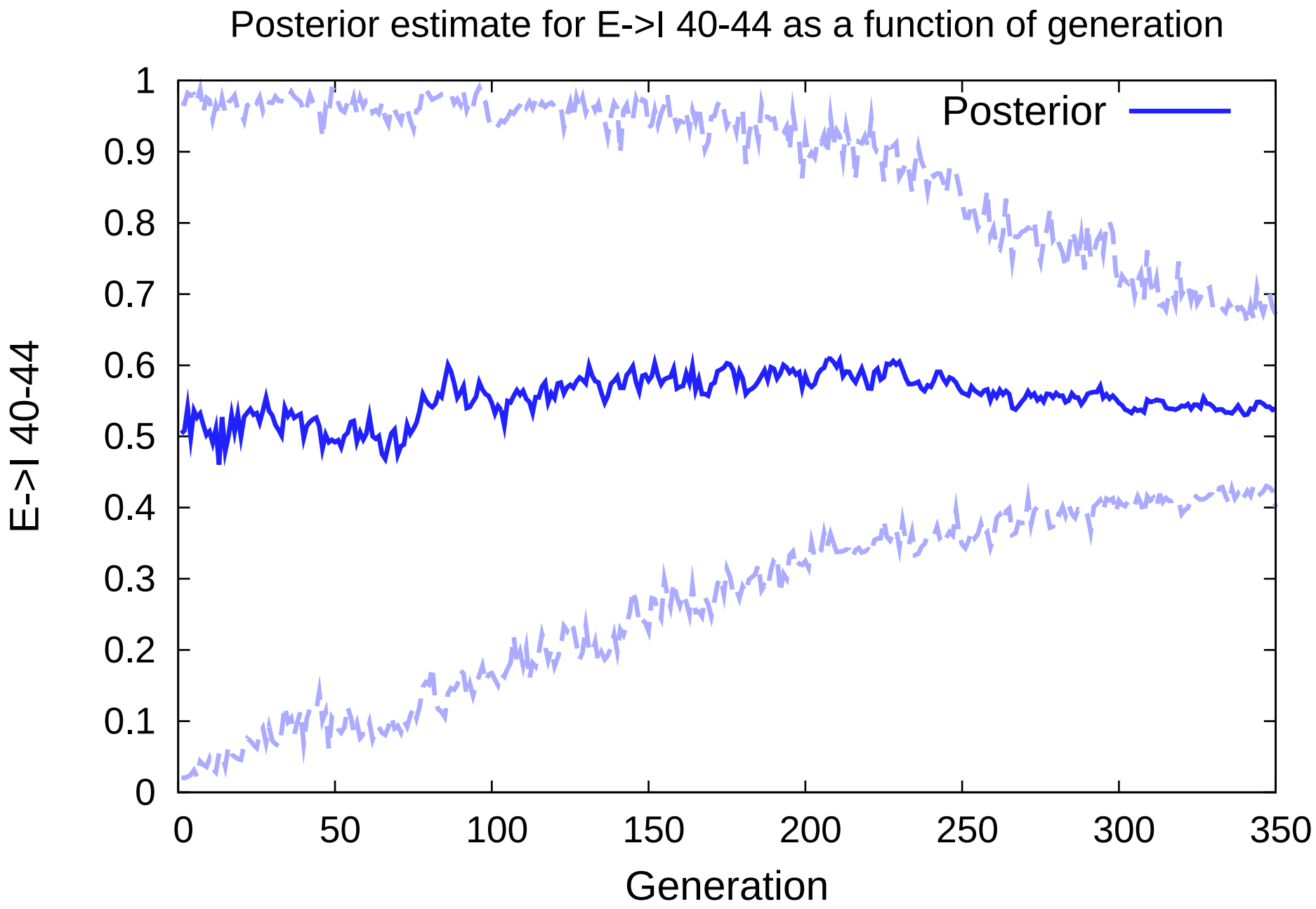

Posterior estimate for E->I 15-19 as a function of generation
Posterior
E->I 15-19
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

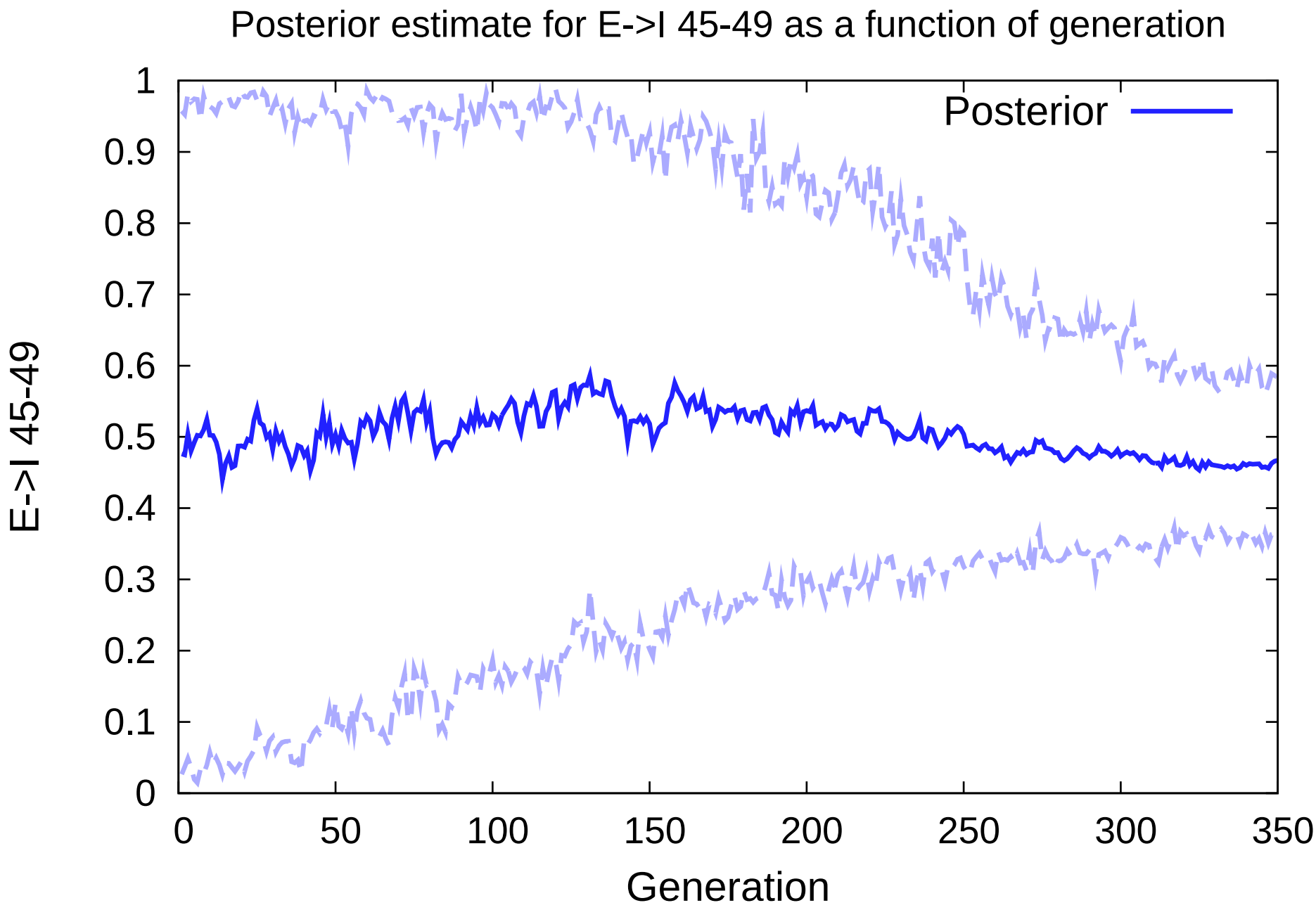

Posterior estimate for E->I 20-24 as a function of generation
Posterior
E->I 20-24
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

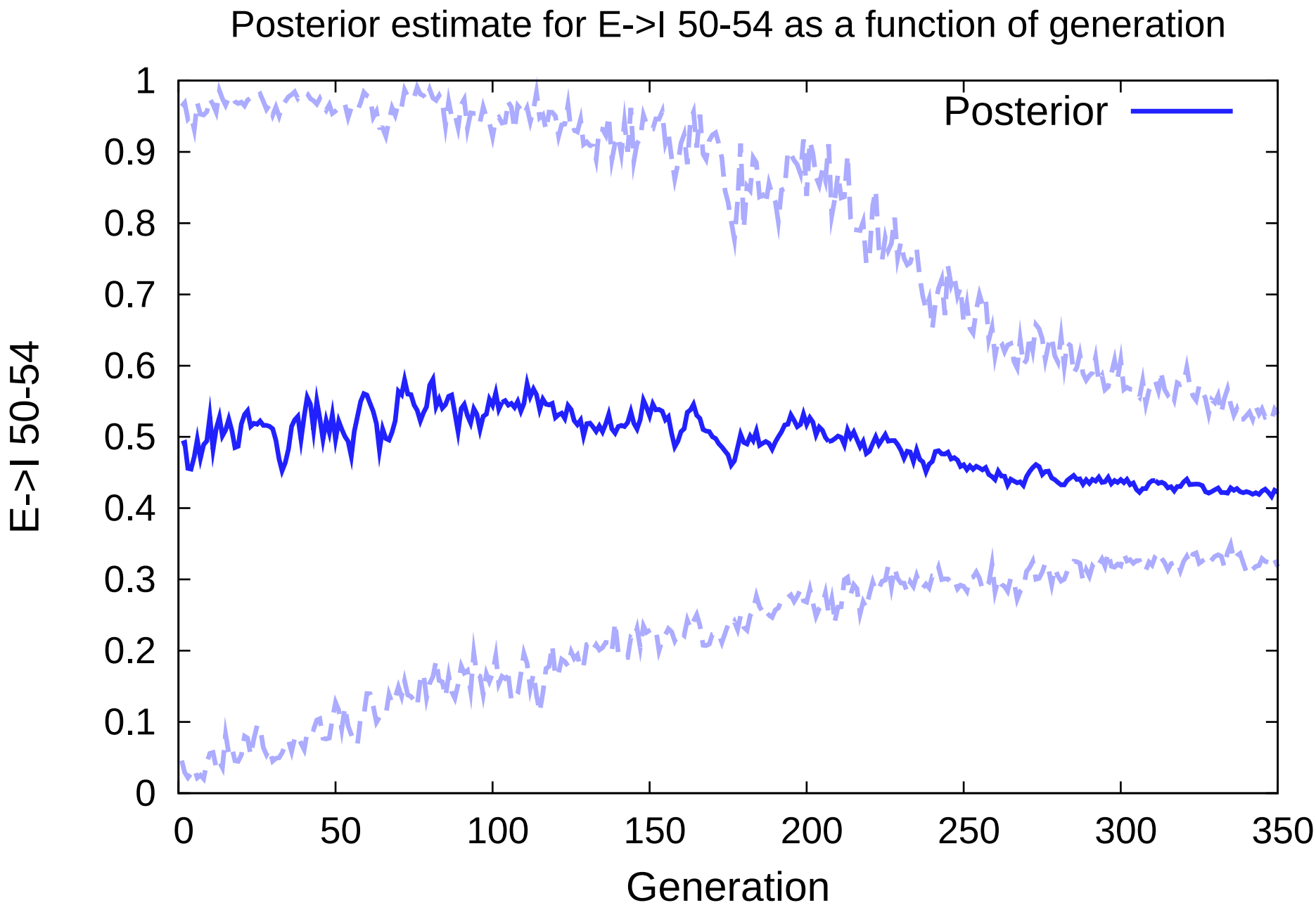

Posterior estimate for E->I 25-29 as a function of generation
Posterior
E->I 25-29
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

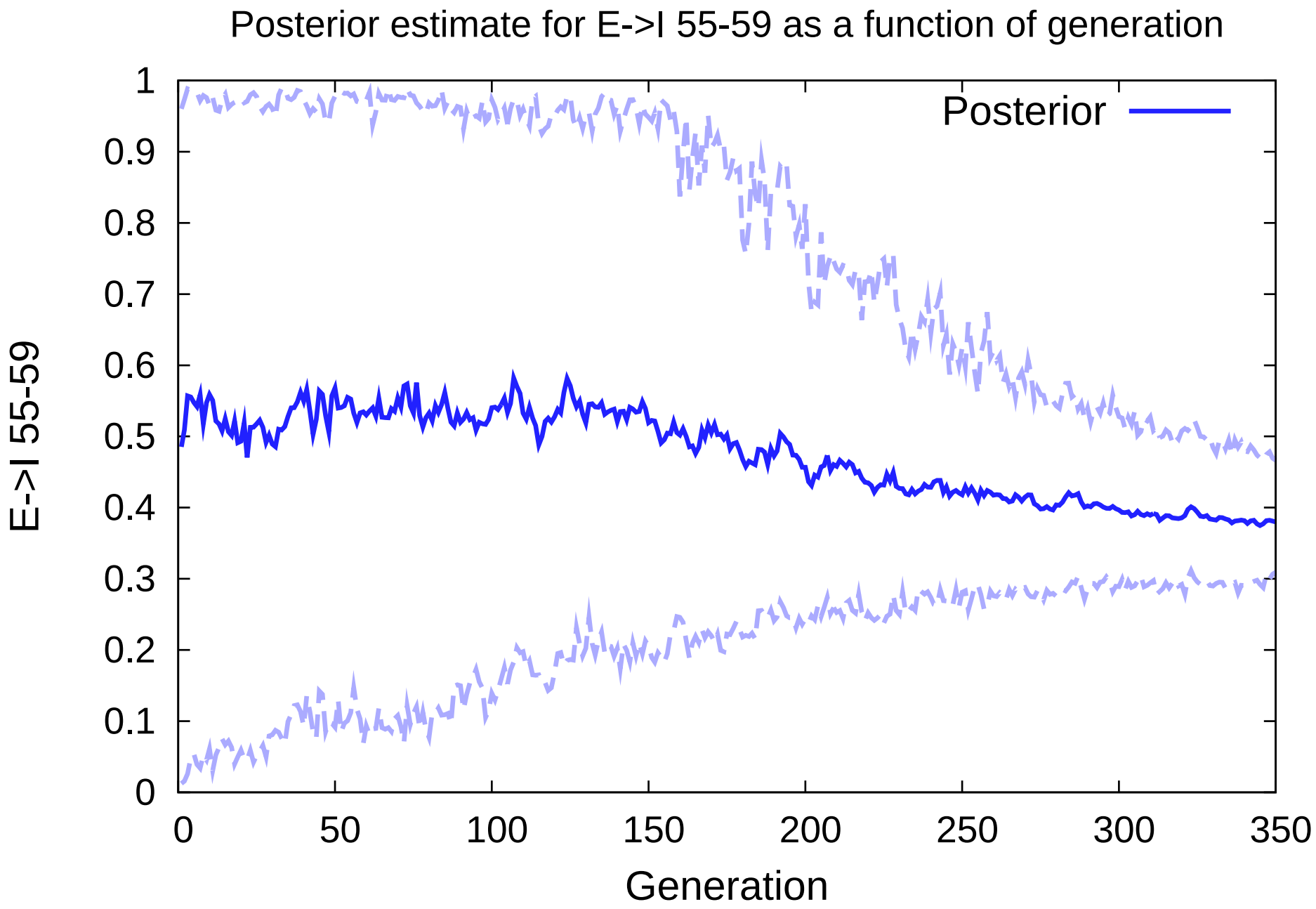

Posterior estimate for E->I 30-34 as a function of generation
Posterior
E->I 30-34
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

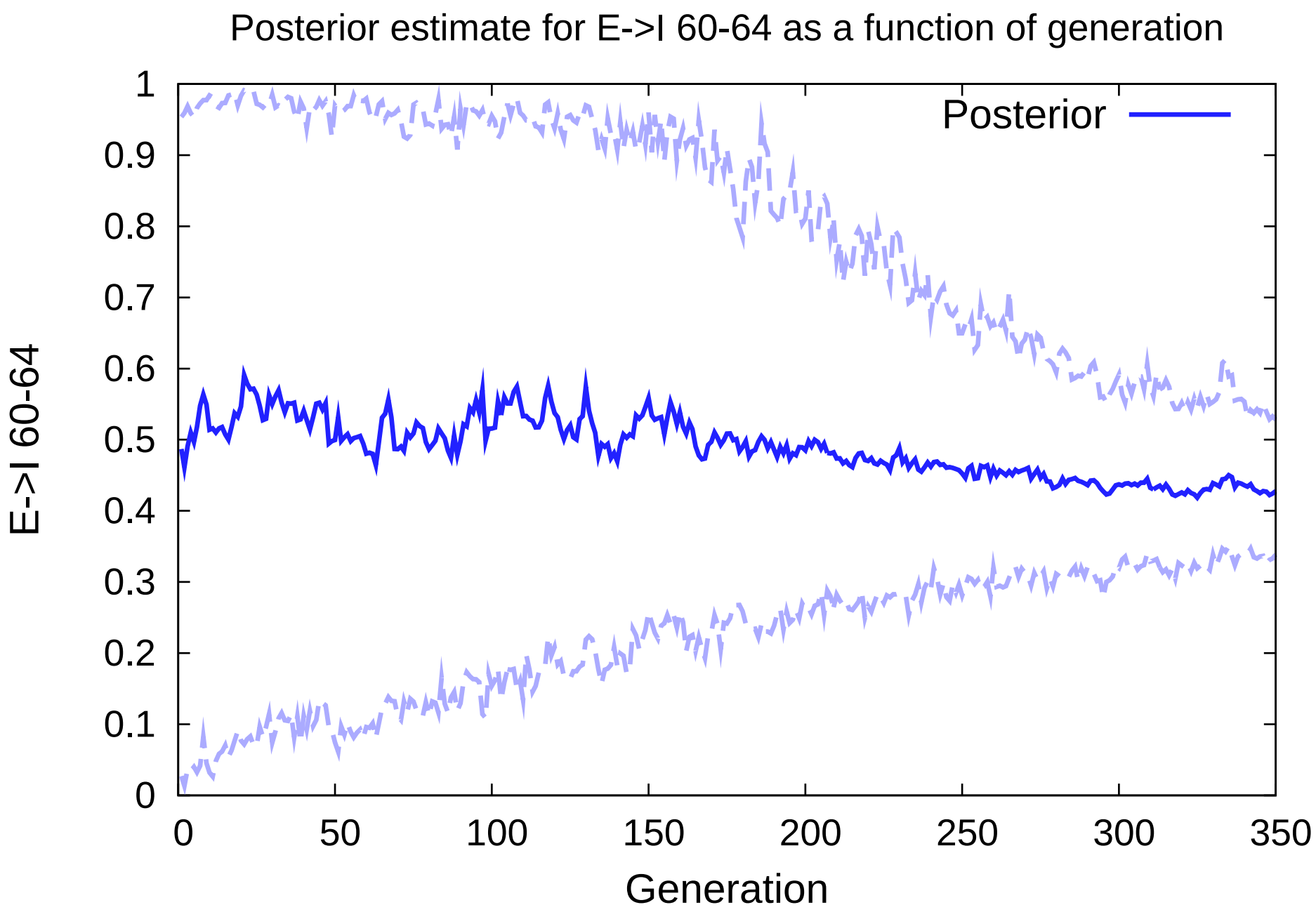

Posterior estimate for E->I 35-39 as a function of generation
Posterior
E->I 35-39
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

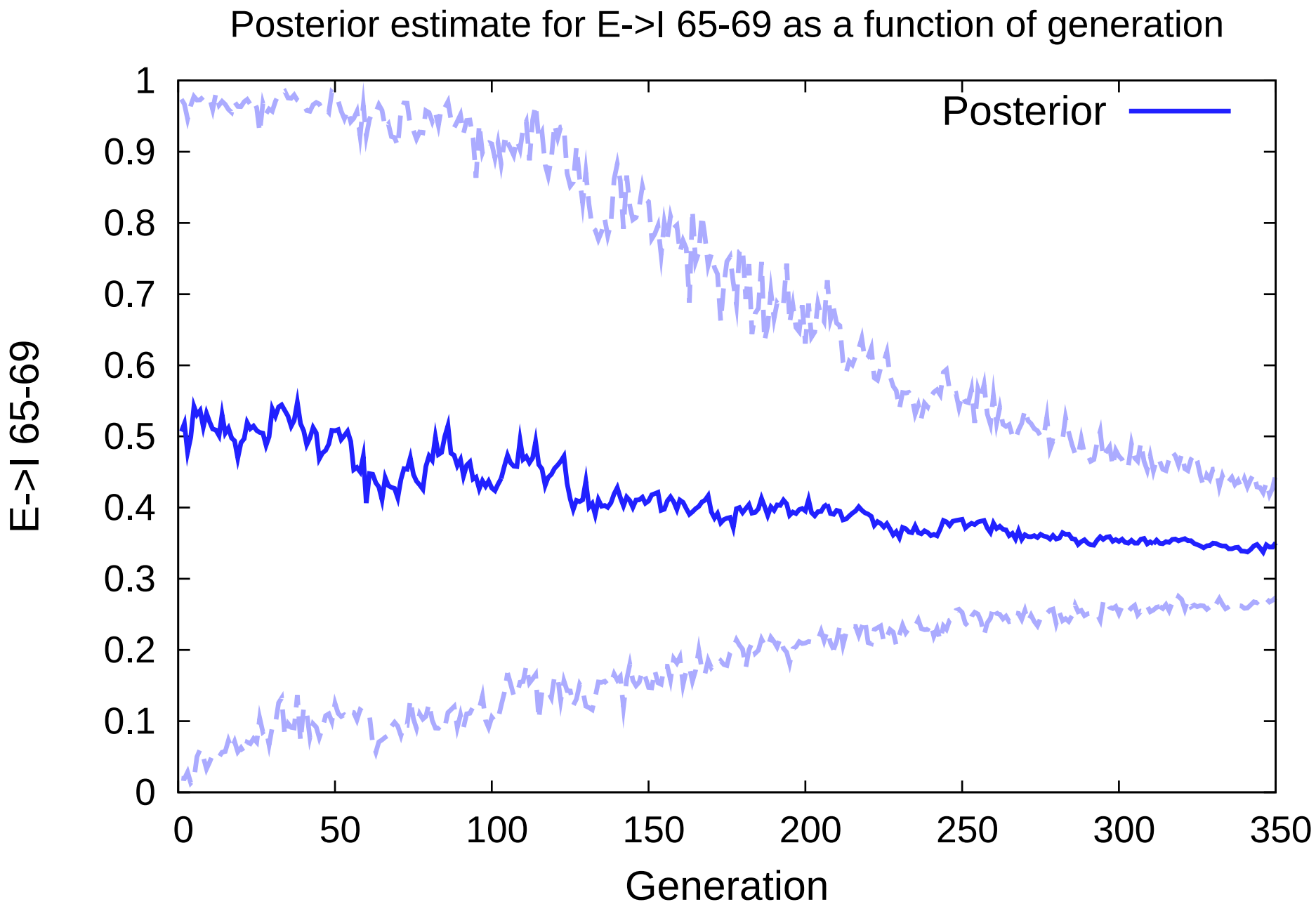

Posterior estimate for E->I 40-44 as a function of generation
Posterior
E->I 40-44
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

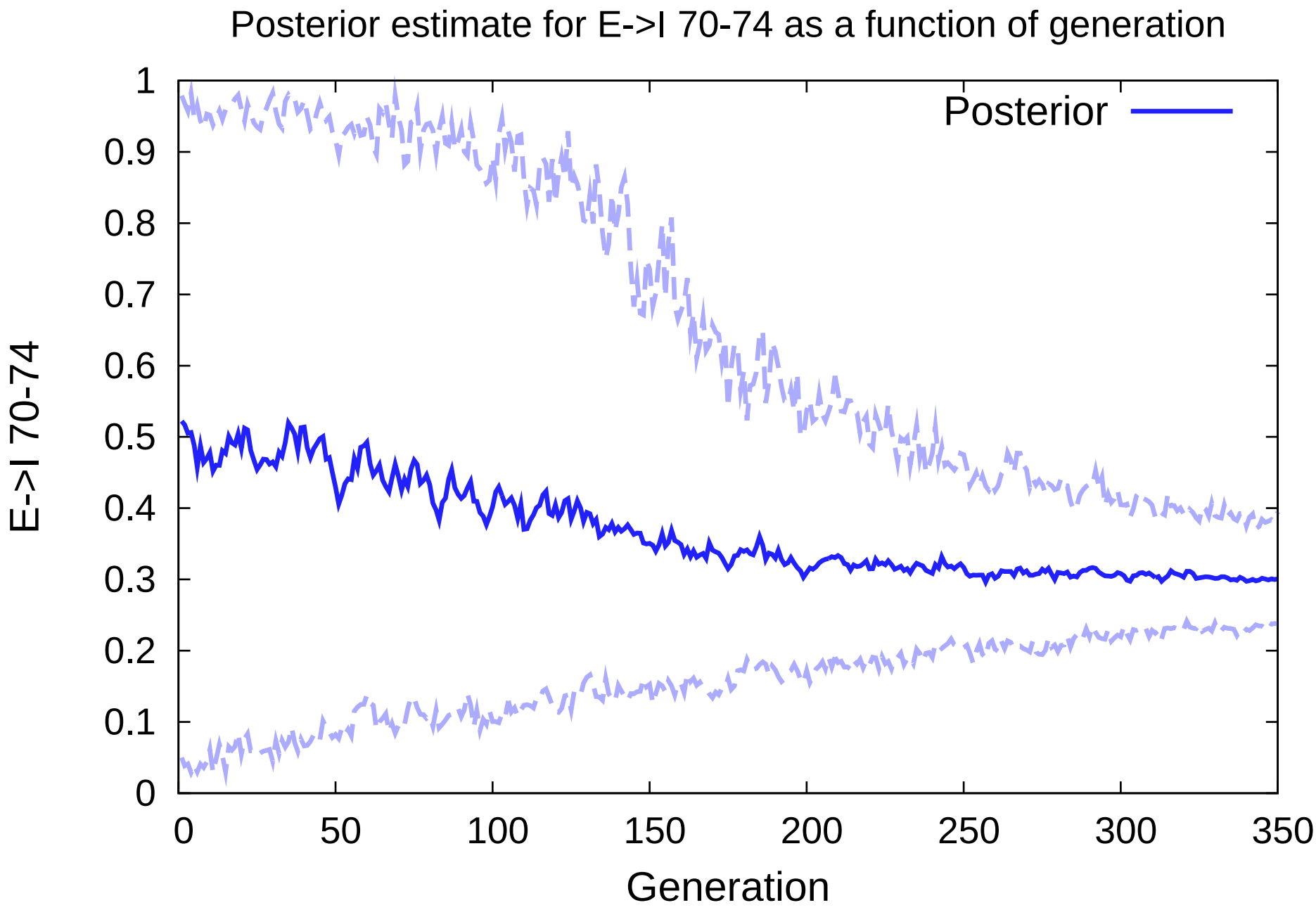

Posterior estimate for E->I 45-49 as a function of generation
Posterior
E->I 45-49
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

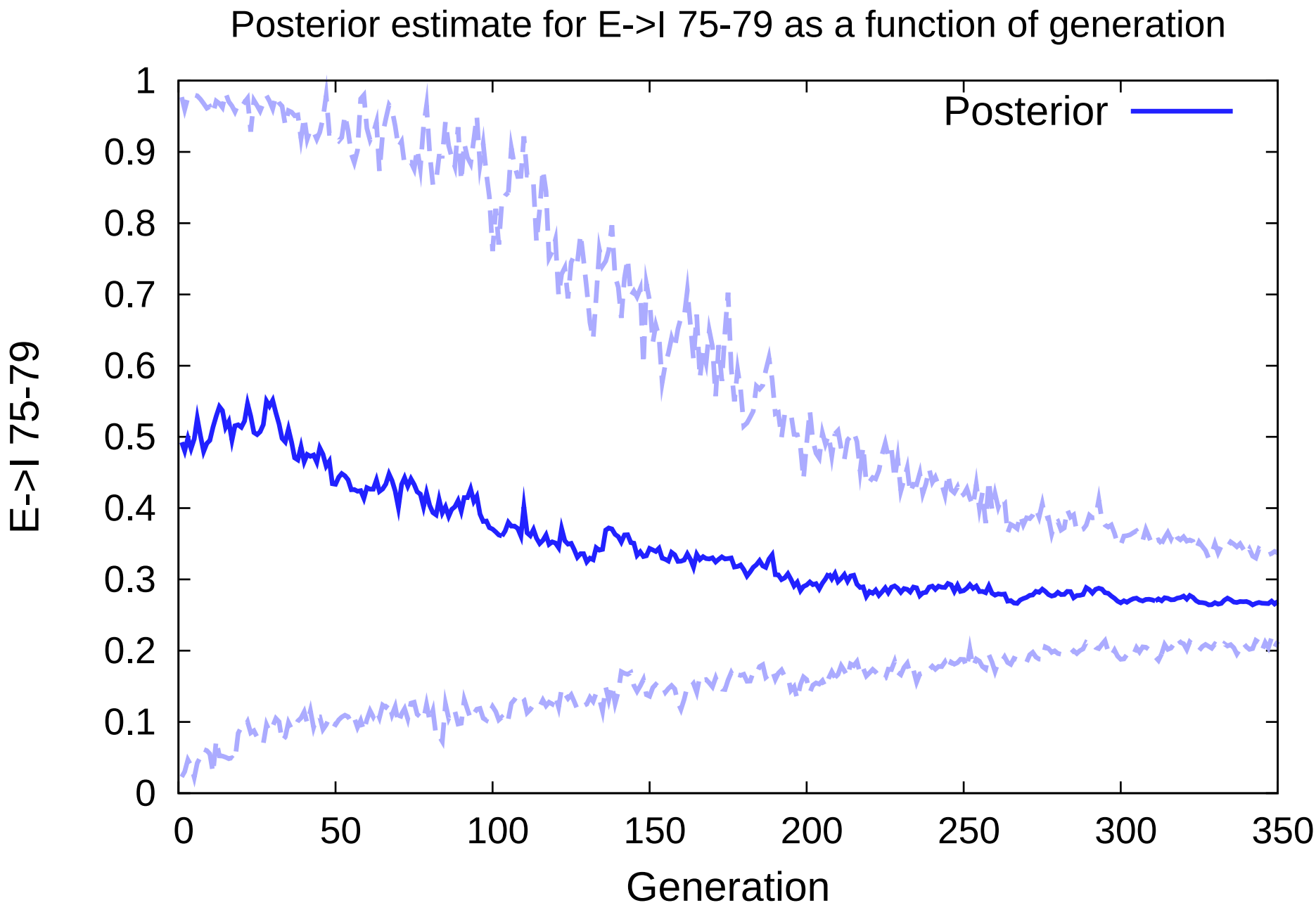

Posterior estimate for E->I 50-54 as a function of generation
Posterior
E->I 50-54
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

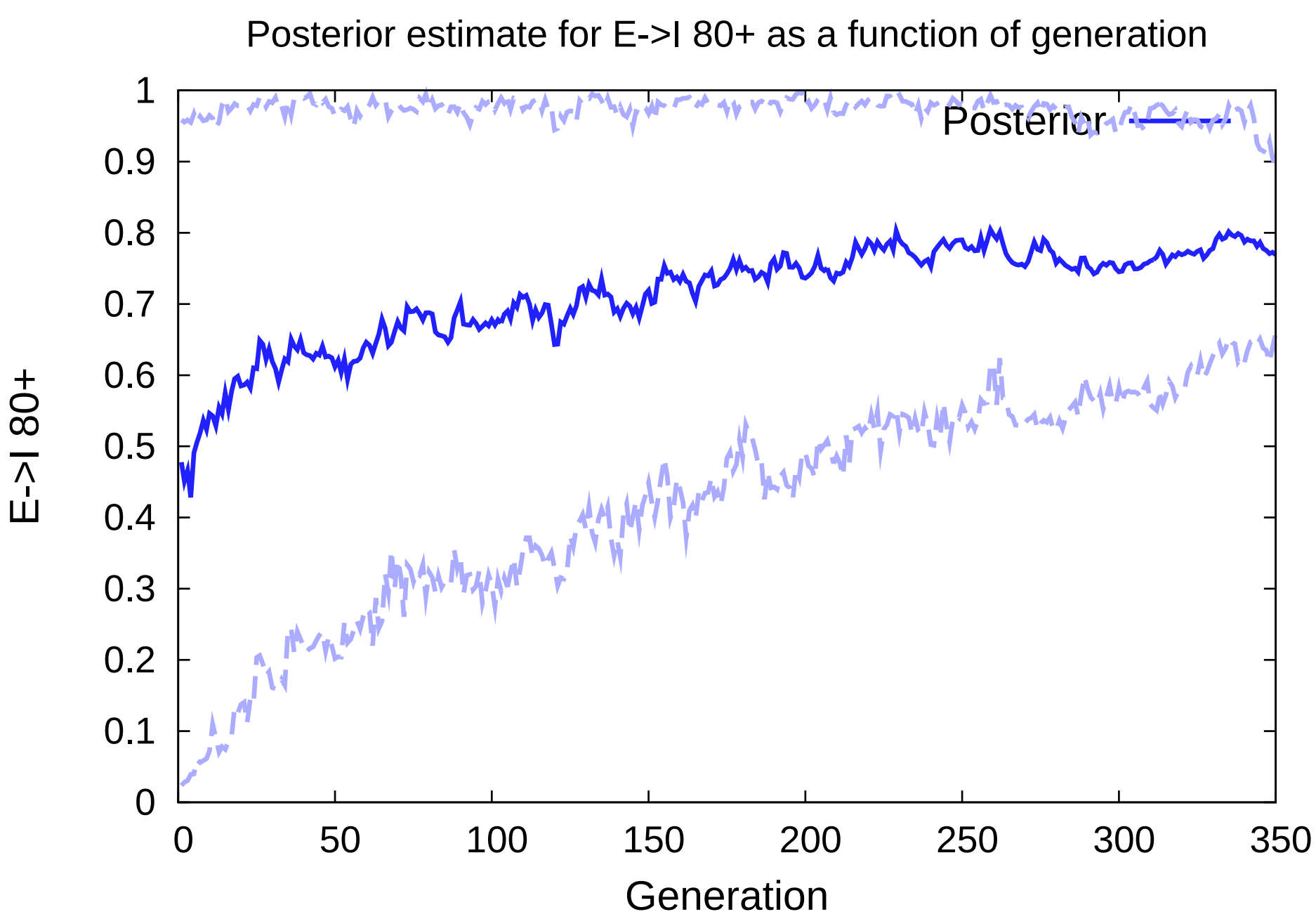

Posterior estimate for E->I 55-59 as a function of generation
Posterior
E->I 55-59
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

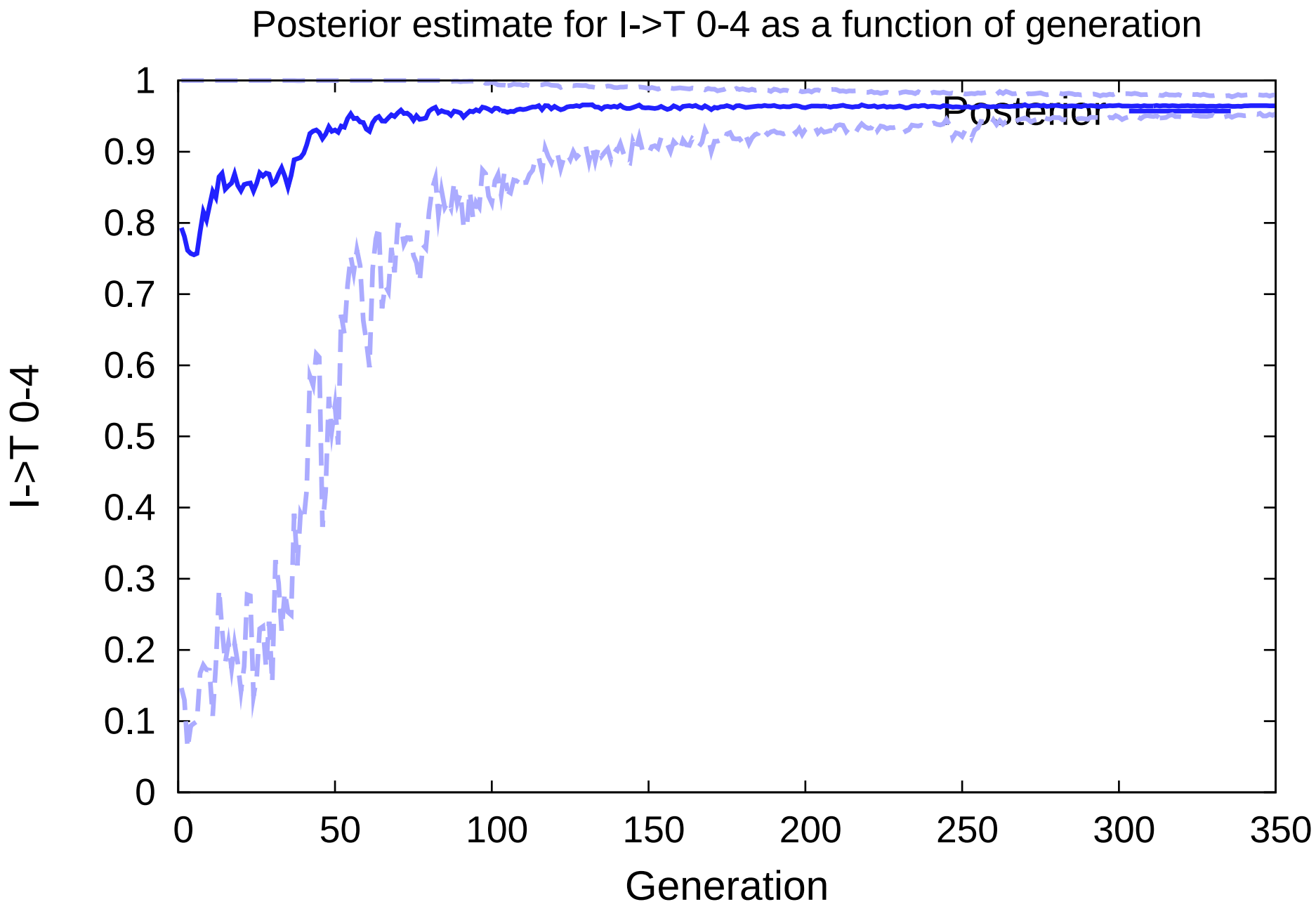

Posterior estimate for E->I 60-64 as a function of generation
Posterior
E->I 60-64
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

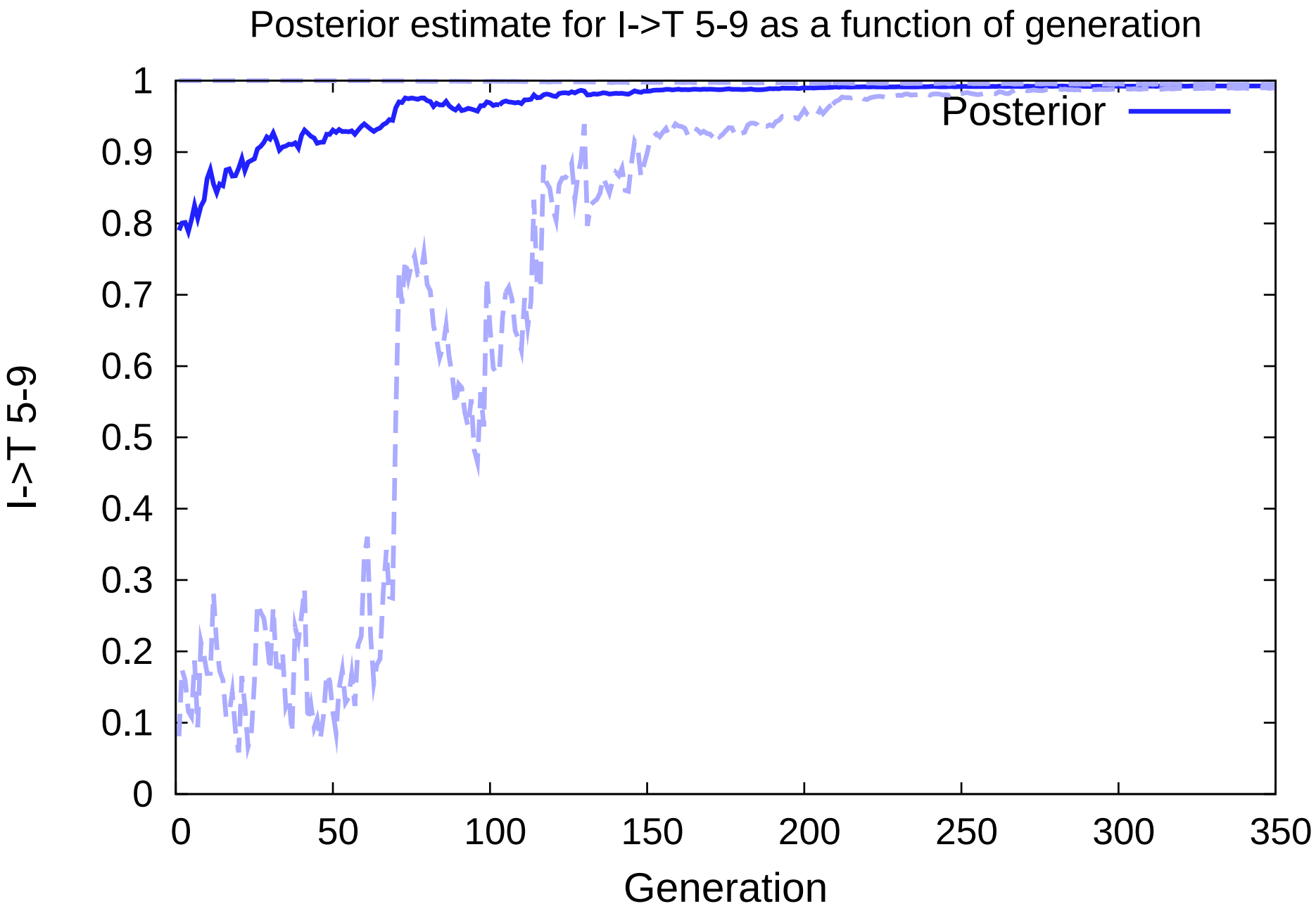

Posterior estimate for E->I 65-69 as a function of generation
Posterior
E->I 65-69
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

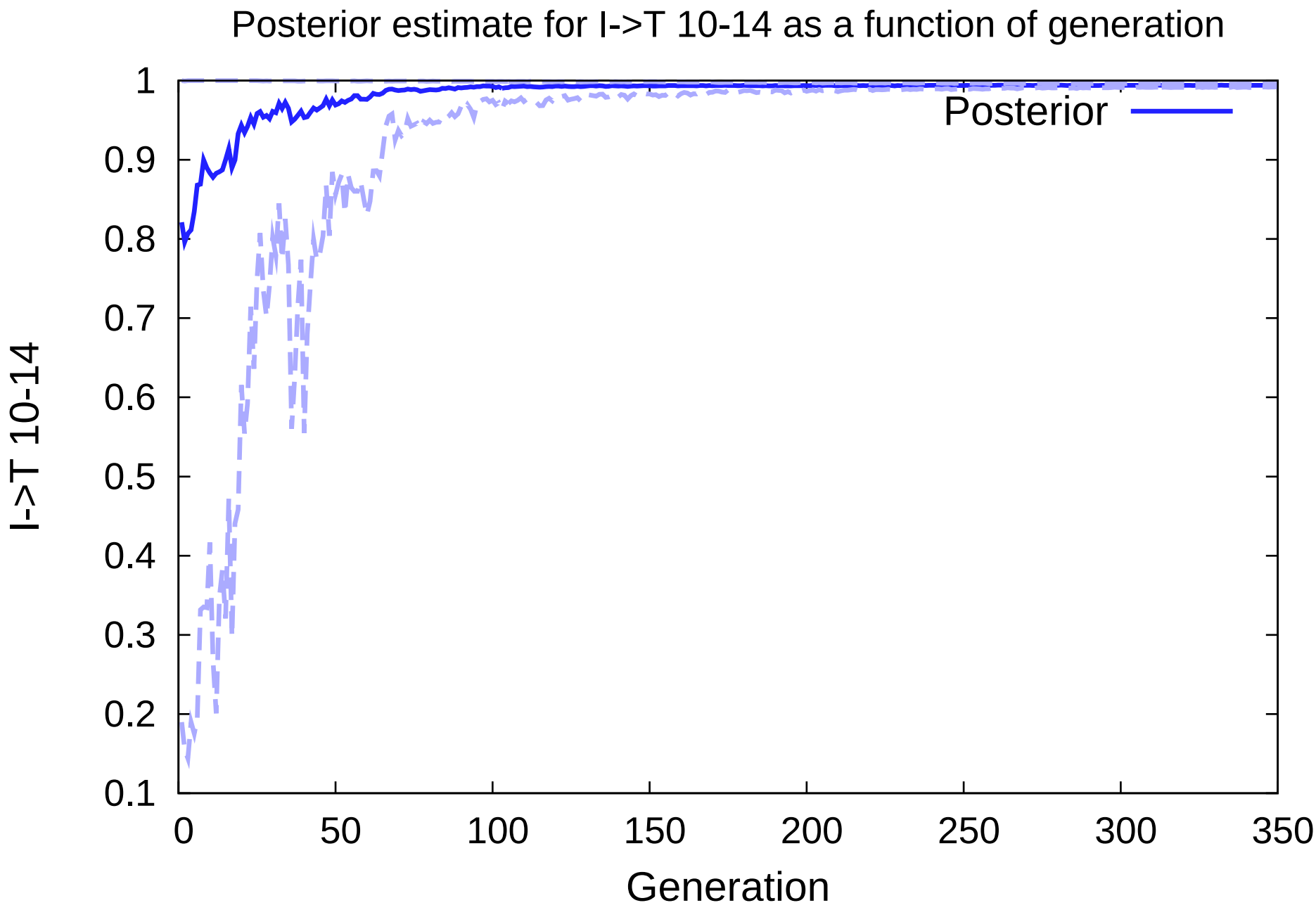

Posterior estimate for E->I 70-74 as a function of generation
Posterior
E->I 70-74
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

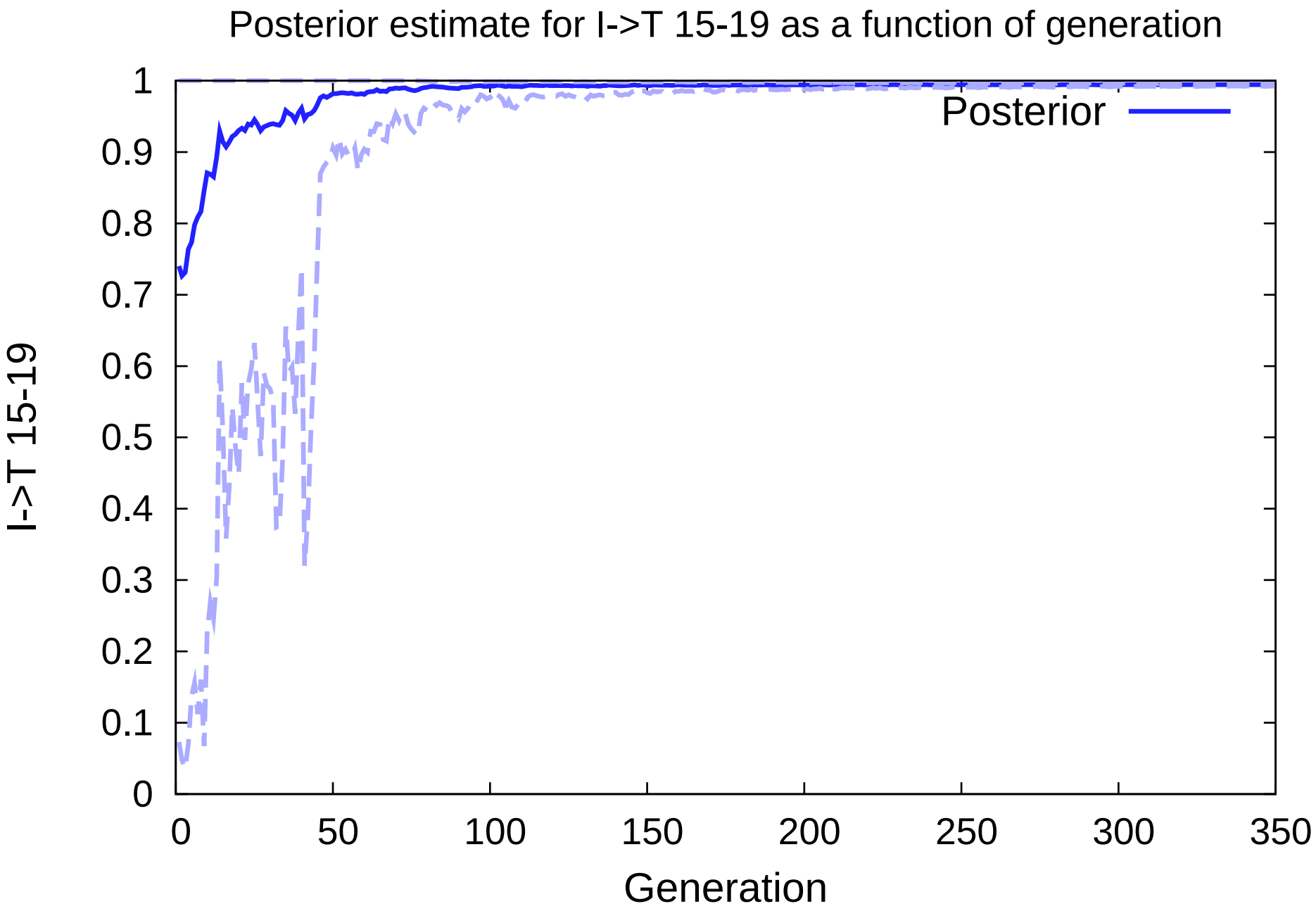

Posterior estimate for E->I 75-79 as a function of generation
Posterior
E->I 75-79
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

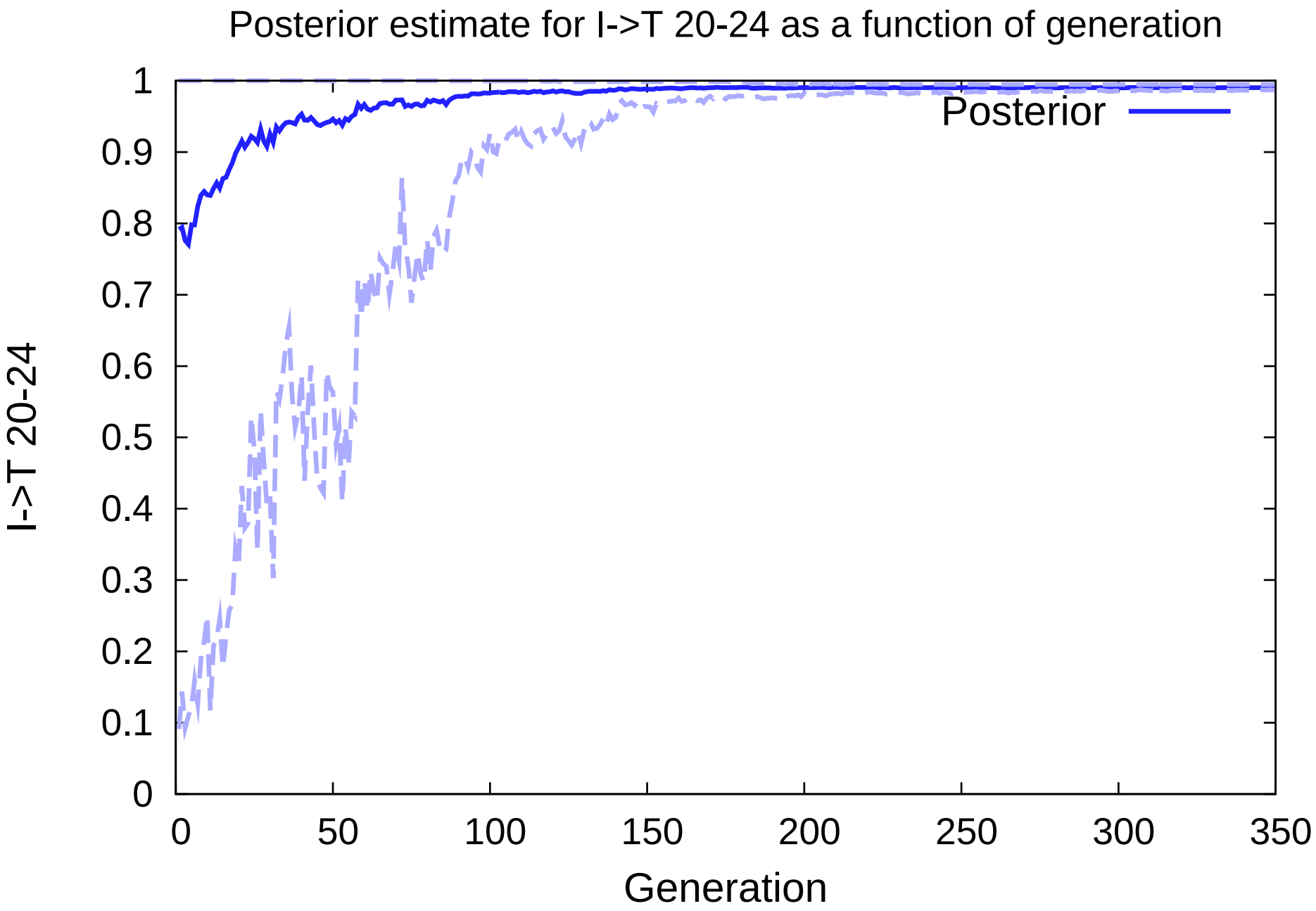

Posterior estimate for E->I 80+ as a function of generation
Posterior
E->I 80+
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

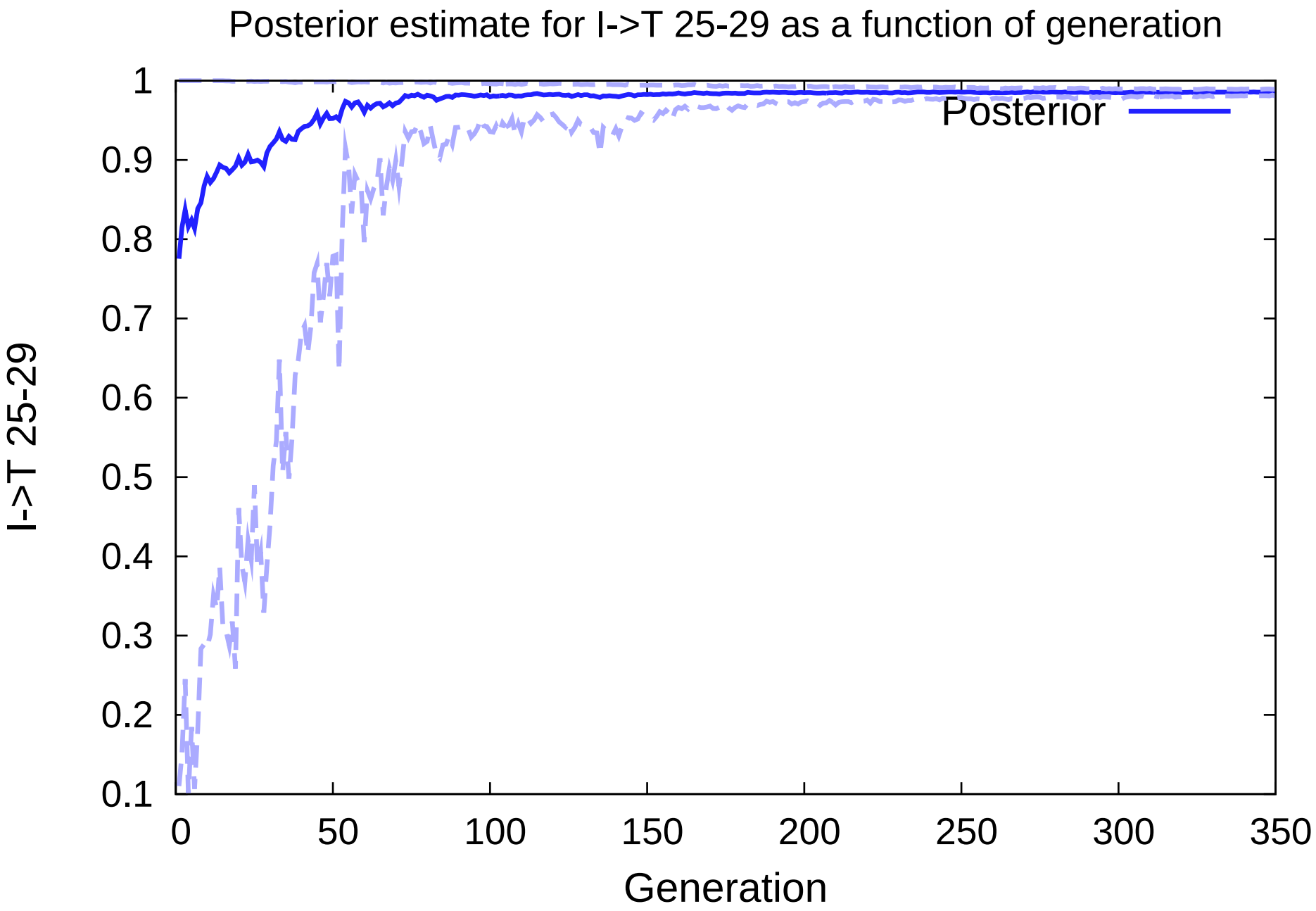

Posterior estimate for I->T 0-4 as a function of generation
I->T 0-4
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

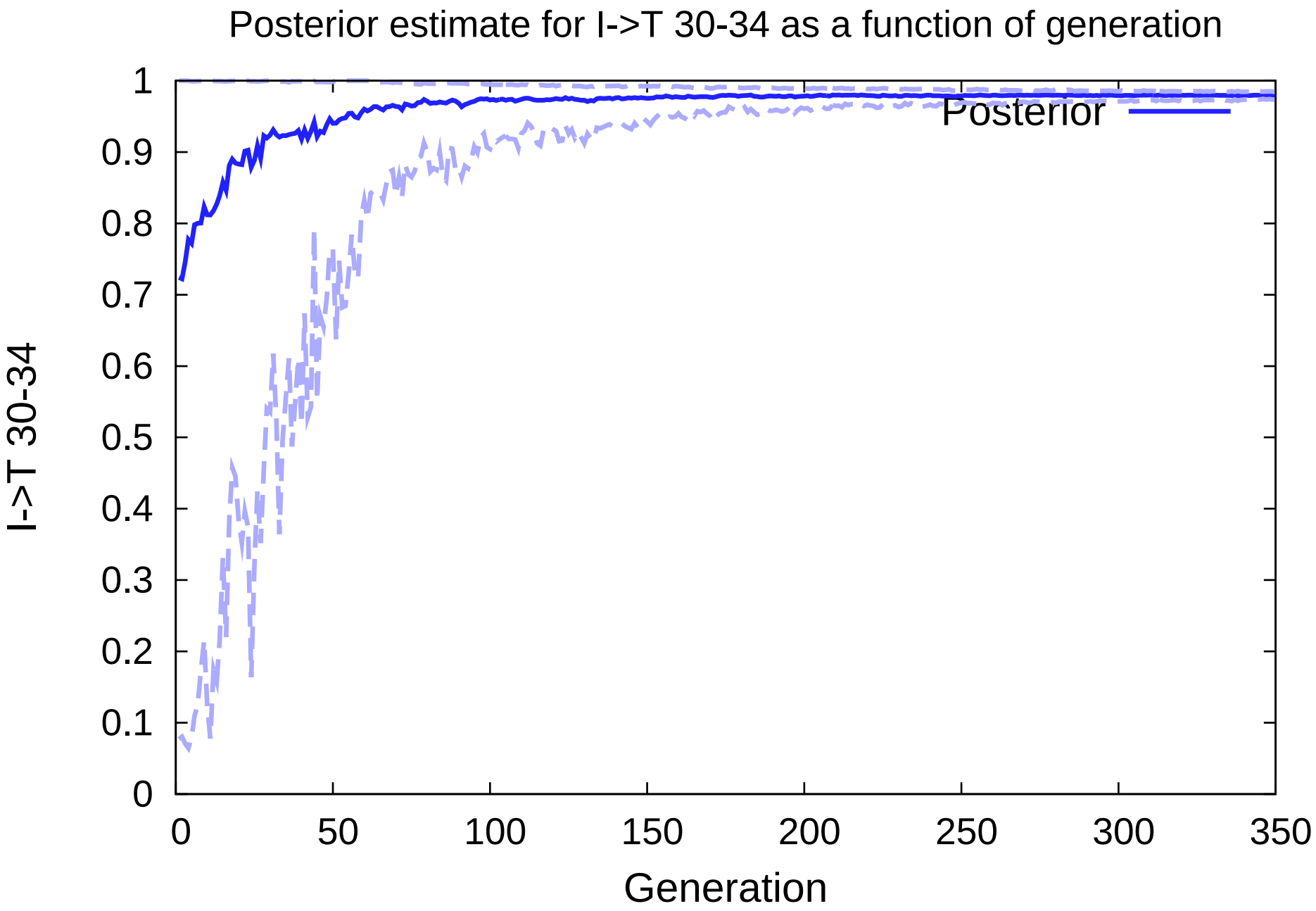

Posterior estimate for I->T 5-9 as a function of generation
Posterior
I->T 5-9
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

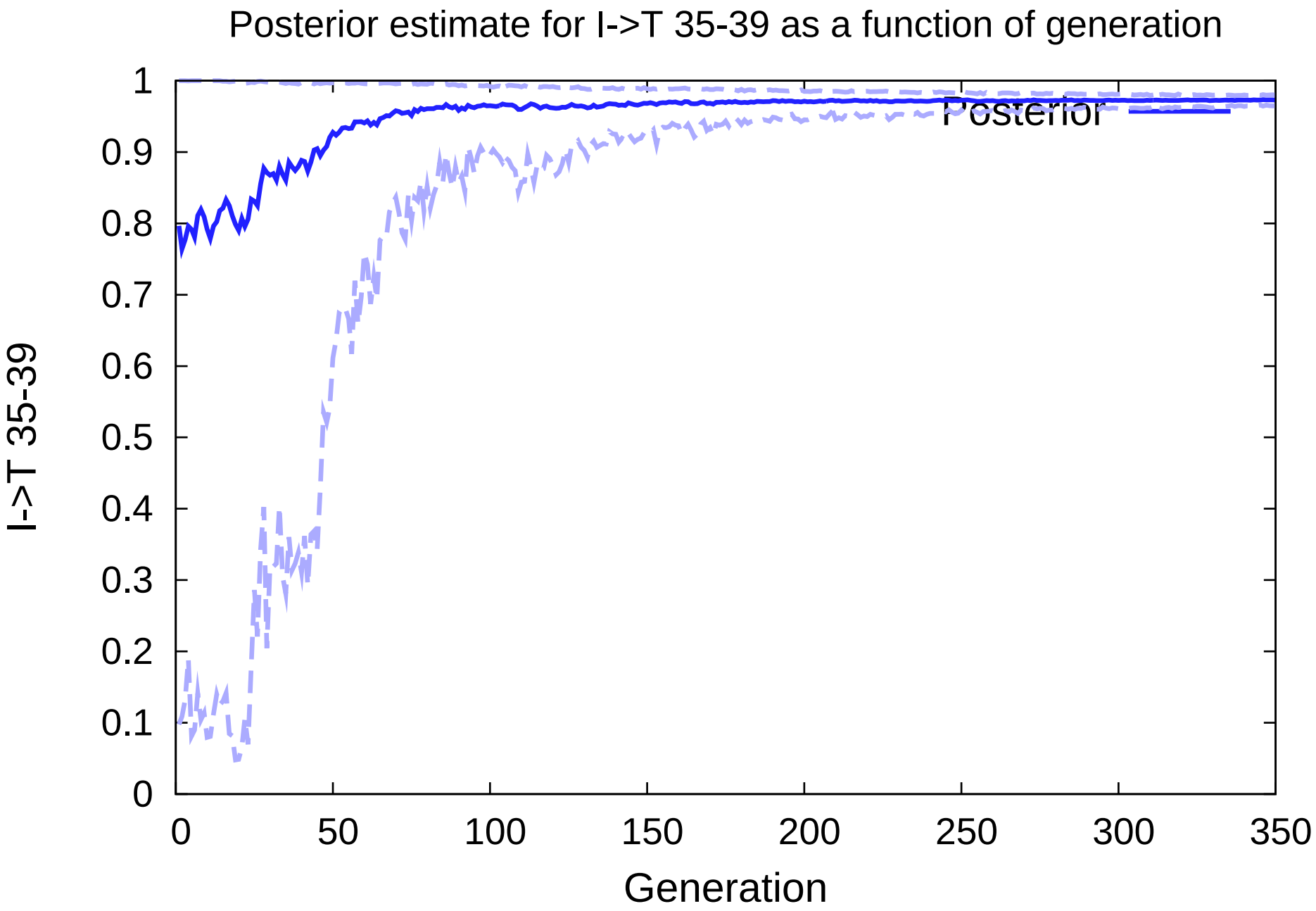

Posterior estimate for I->T 10-14 as a function of generation
Posterior
I->T 10-14
Generation
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
50
100
150
200
250
300
350

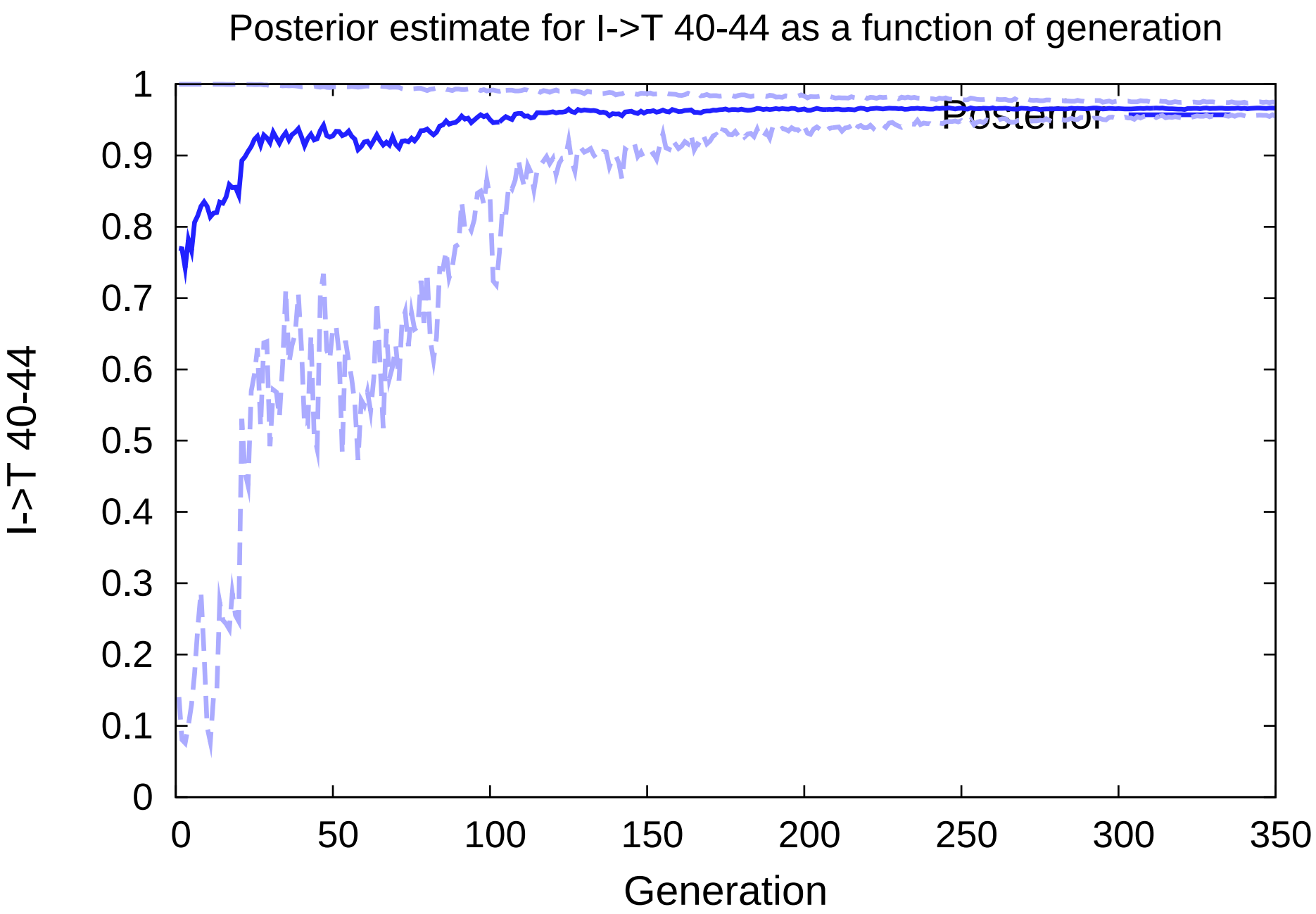

Posterior estimate for I->T 15-19 as a function of generation
Posterior
I->T 15-19
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

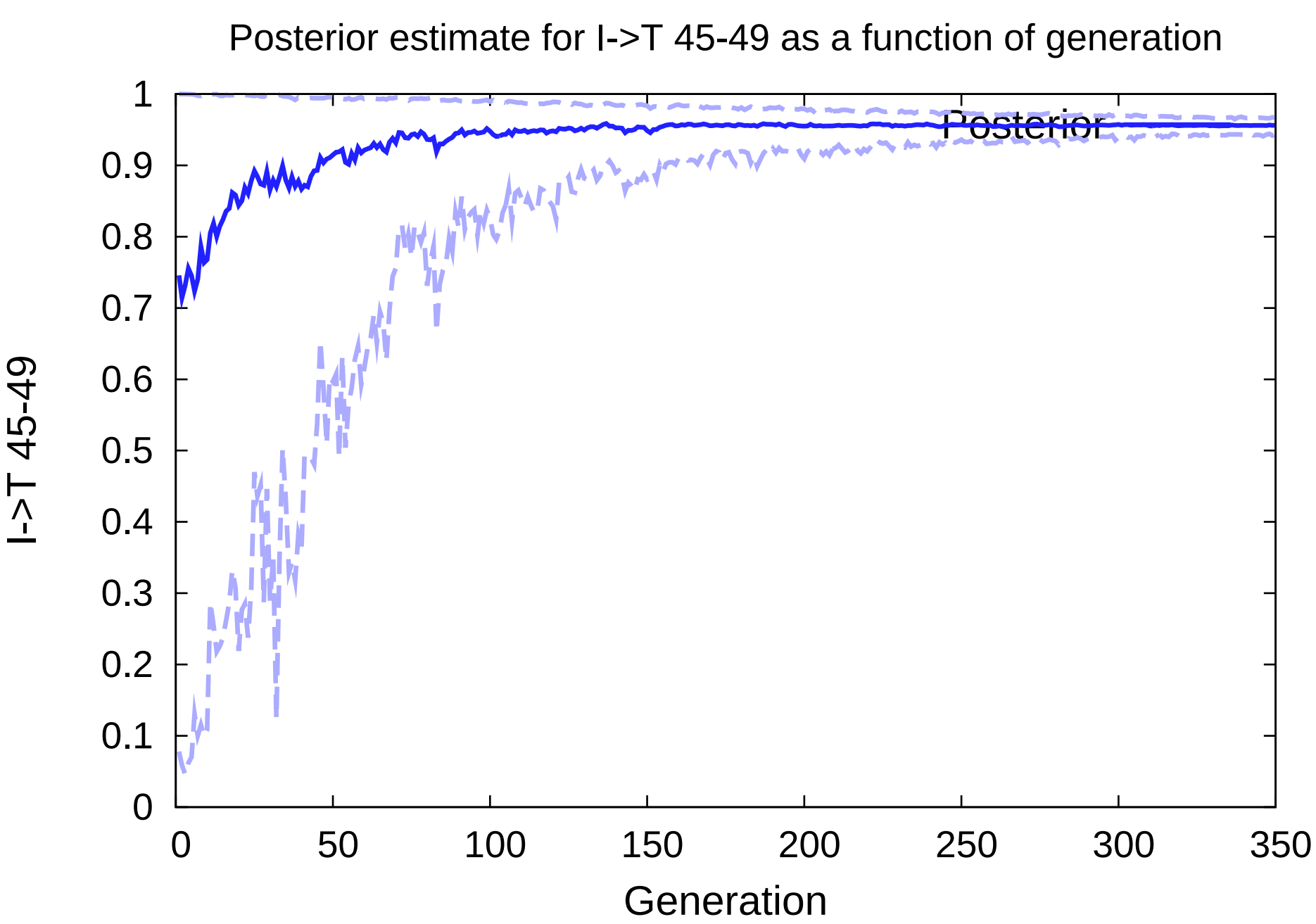

Posterior estimate for I->T 20-24 as a function of generation
I->T 20-24
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

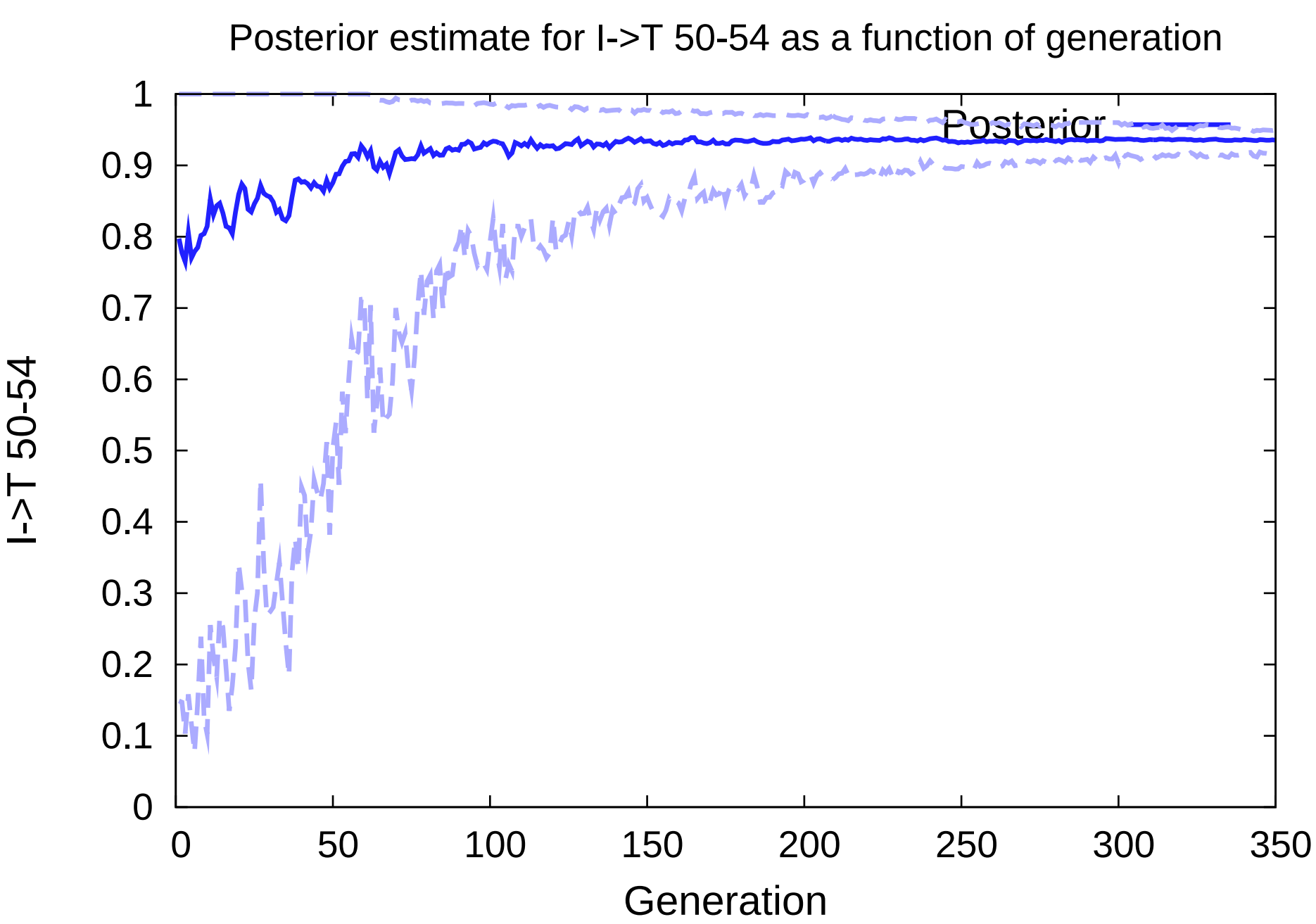

Posterior estimate for I->T 25-29 as a function of generation
Posterior
I->T 25-29
Generation
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
50
100
150
200
250
300
350

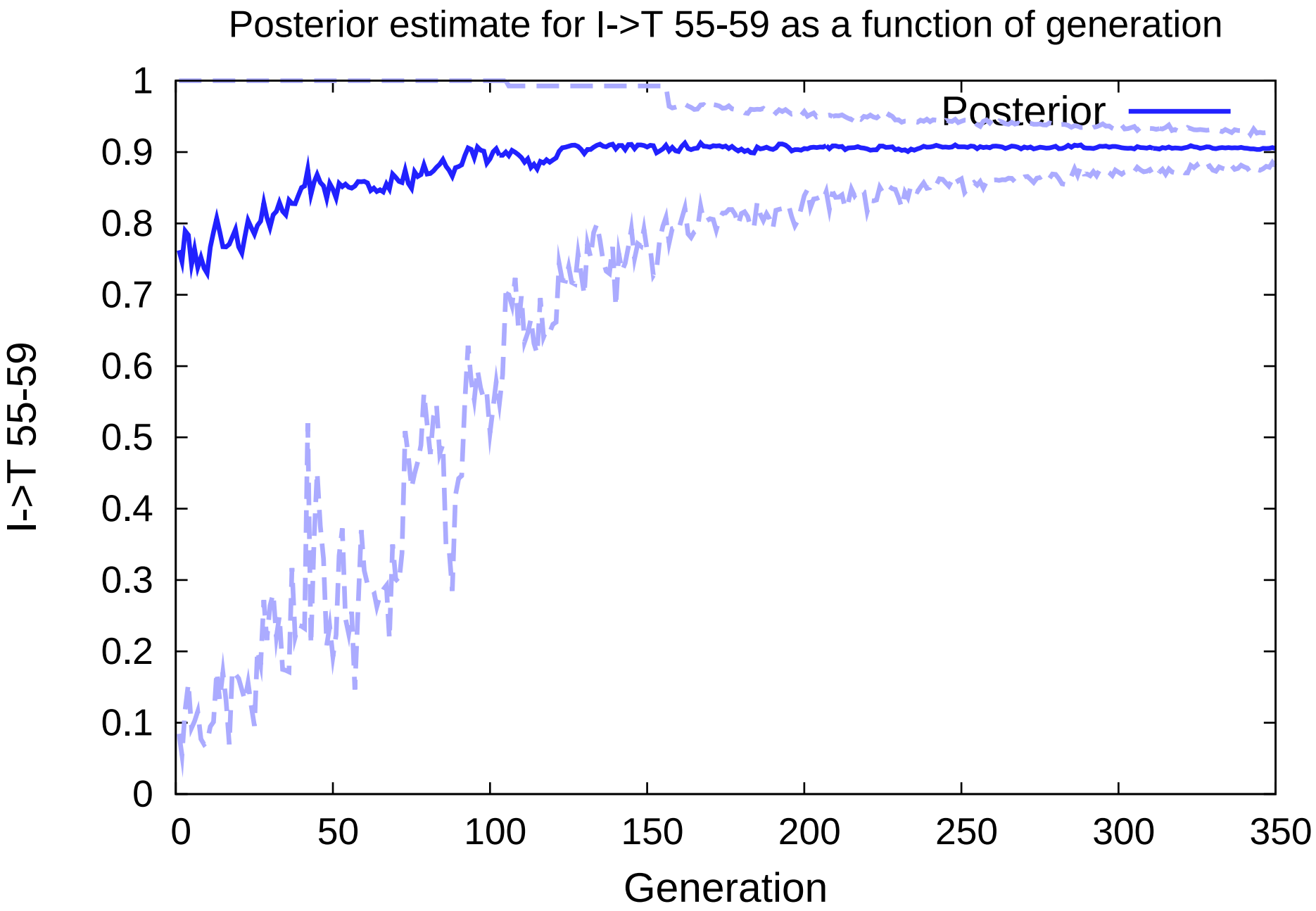

Posterior estimate for I->T 30-34 as a function of generation
I->T 30-34
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

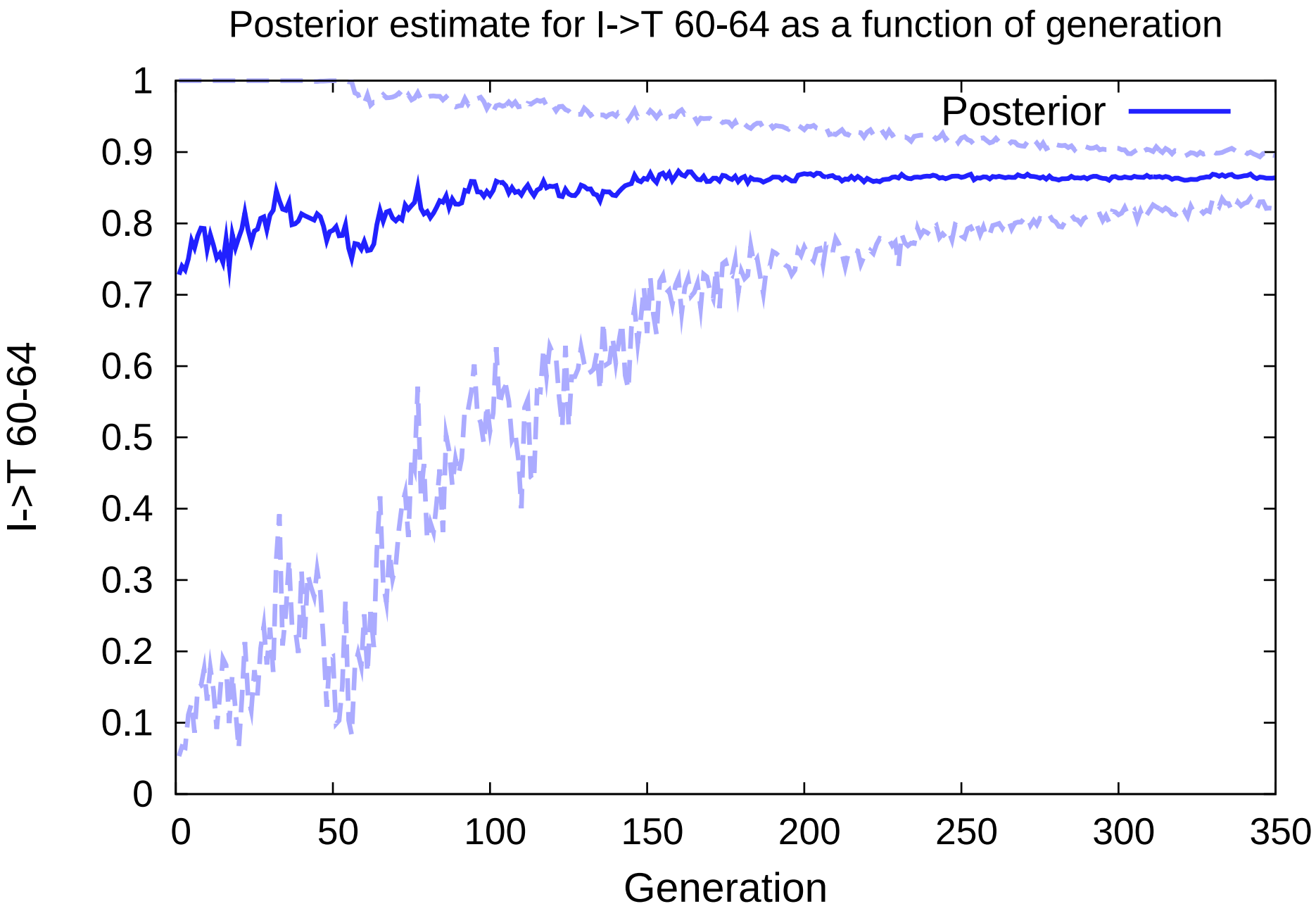

Posterior estimate for I->T 35-39 as a function of generation
Posterior
I->T 35-39
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

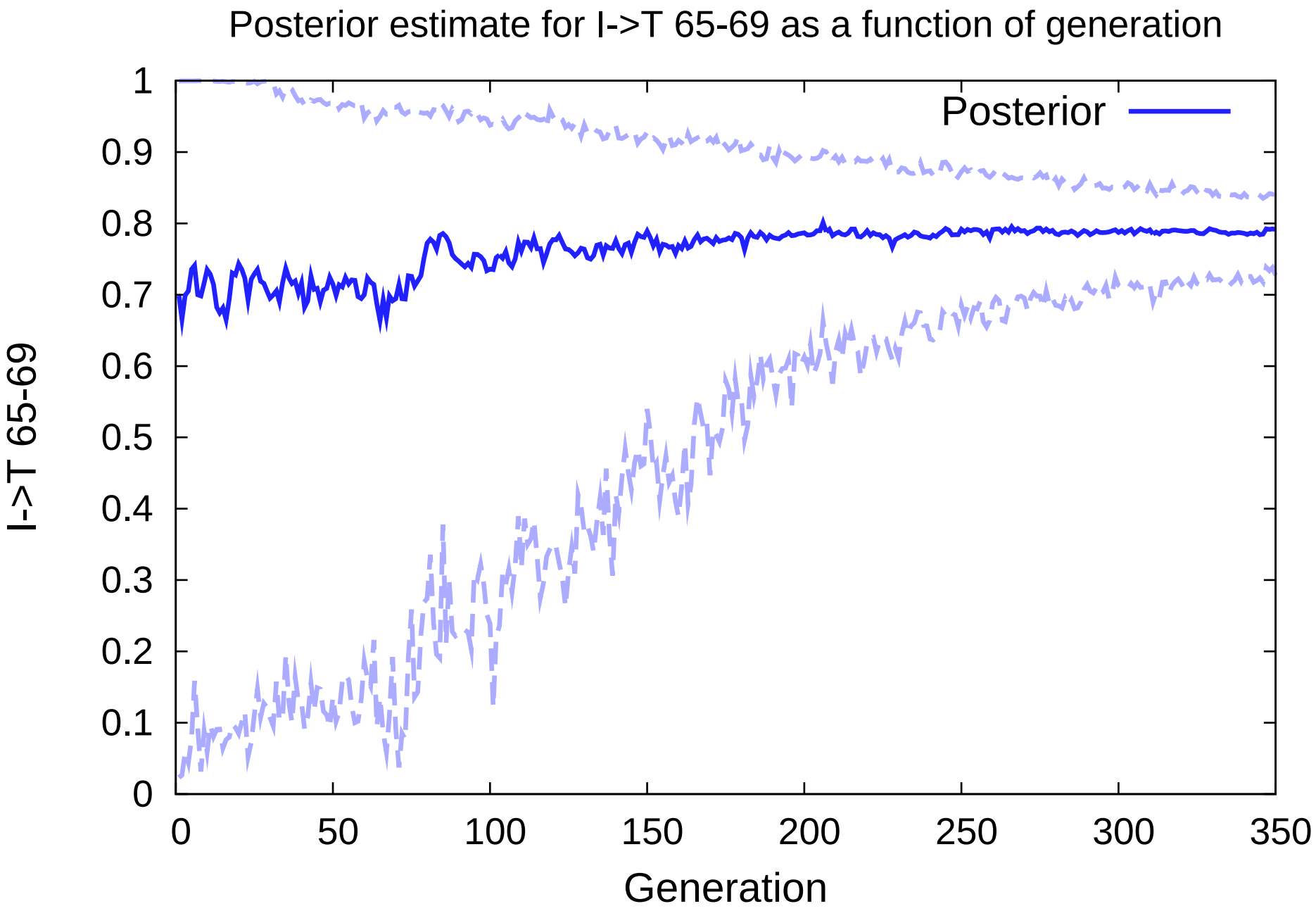

Posterior estimate for I->T 40-44 as a function of generation
I->T 40-44
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

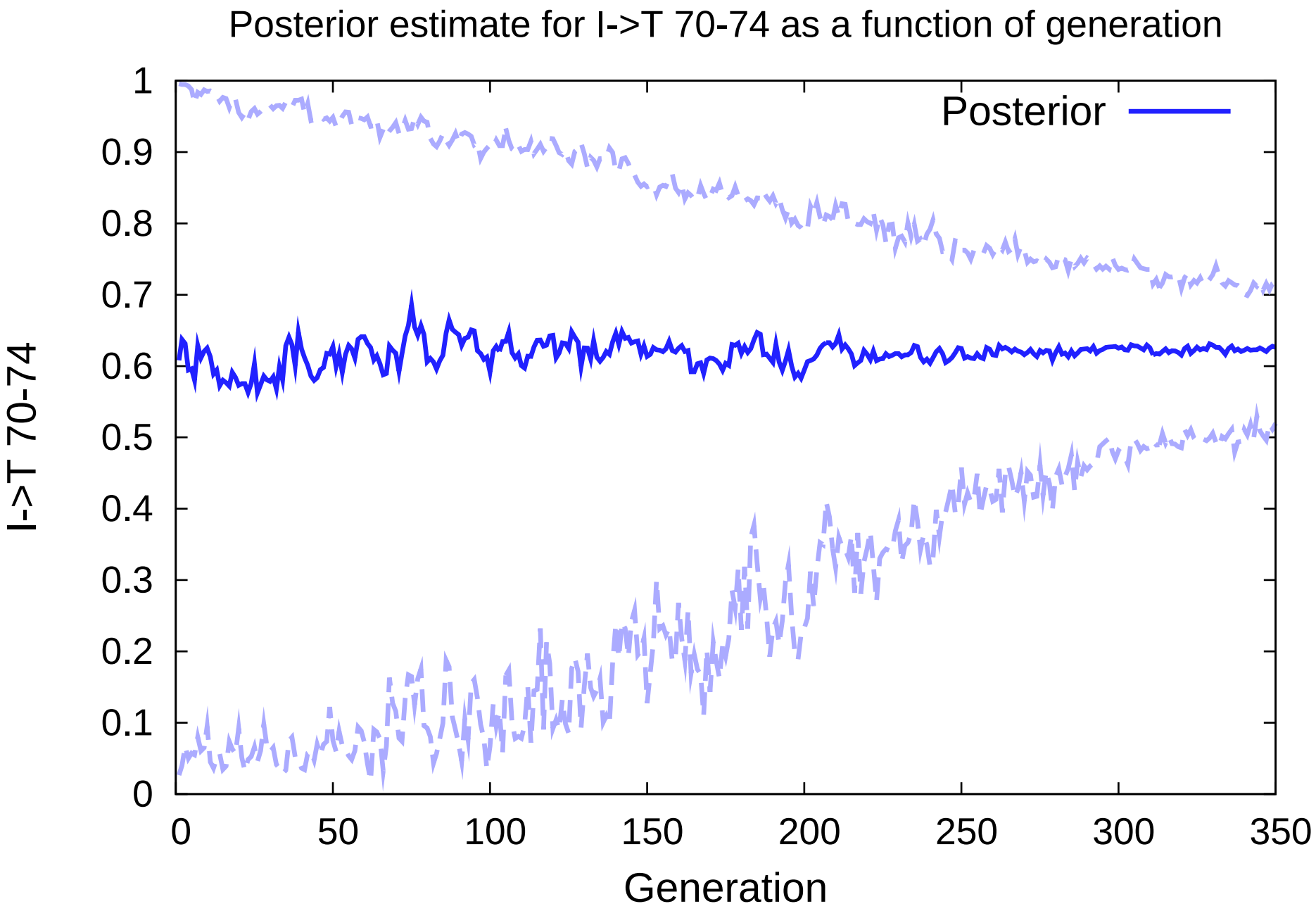

Posterior estimate for I->T 45-49 as a function of generation
Posterior
I->T 45-49
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

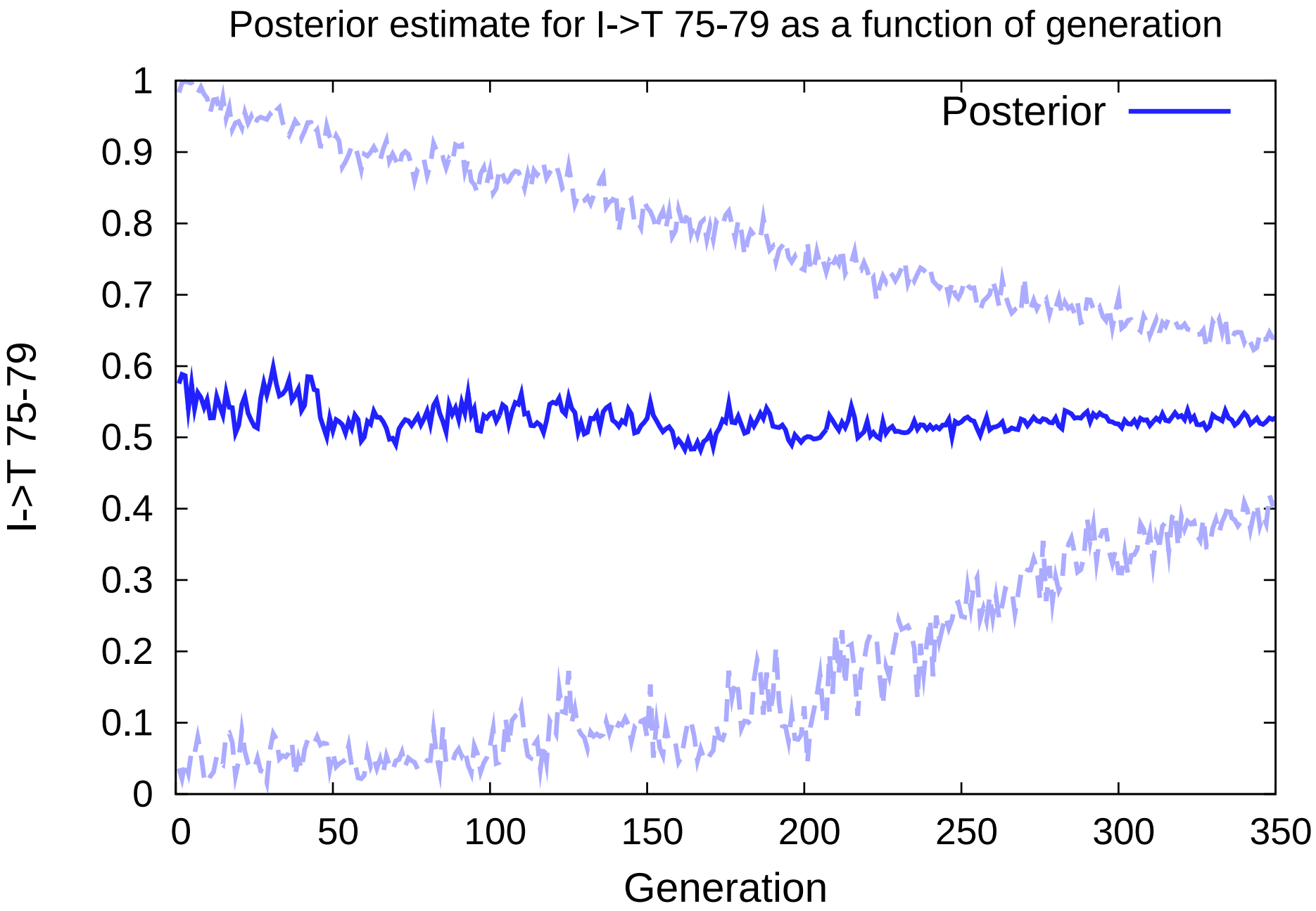

Posterior estimate for I->T 50-54 as a function of generation
I->T 50-54
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

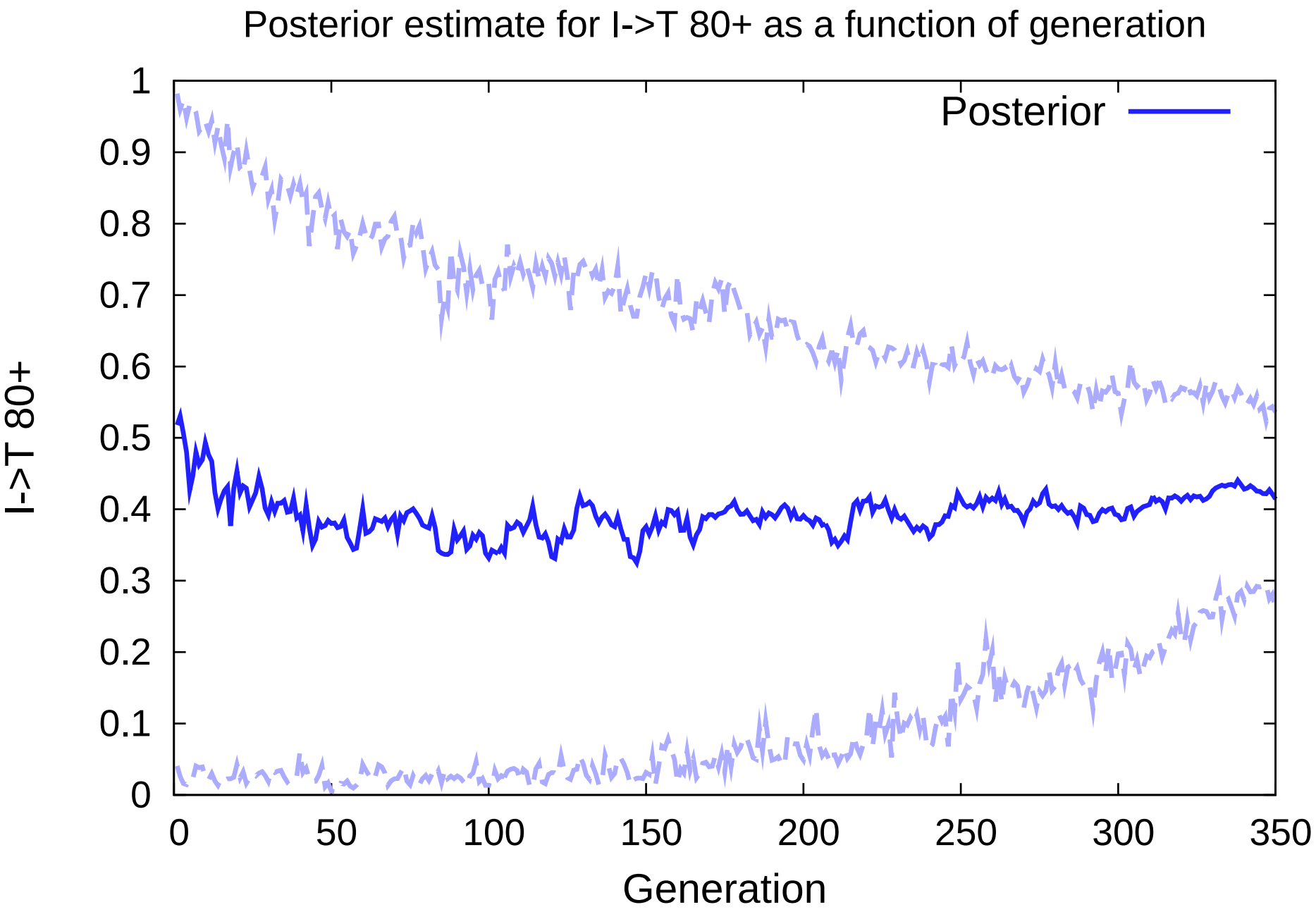

Posterior estimate for I->T 55-59 as a function of generation
Posterior
I->T 55-59
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

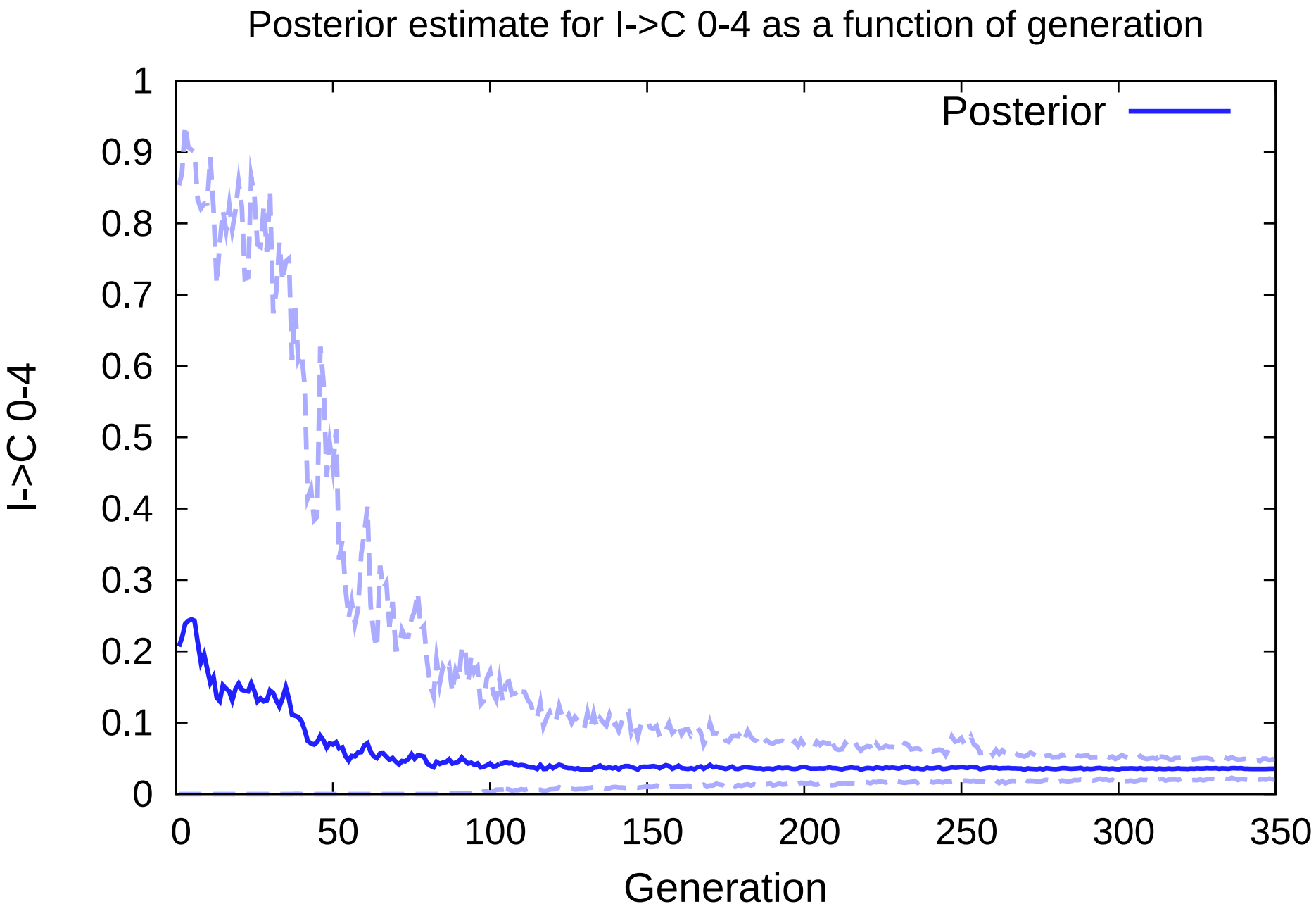

Posterior estimate for I->T 60-64 as a function of generation
Posterior
I->T 60-64
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

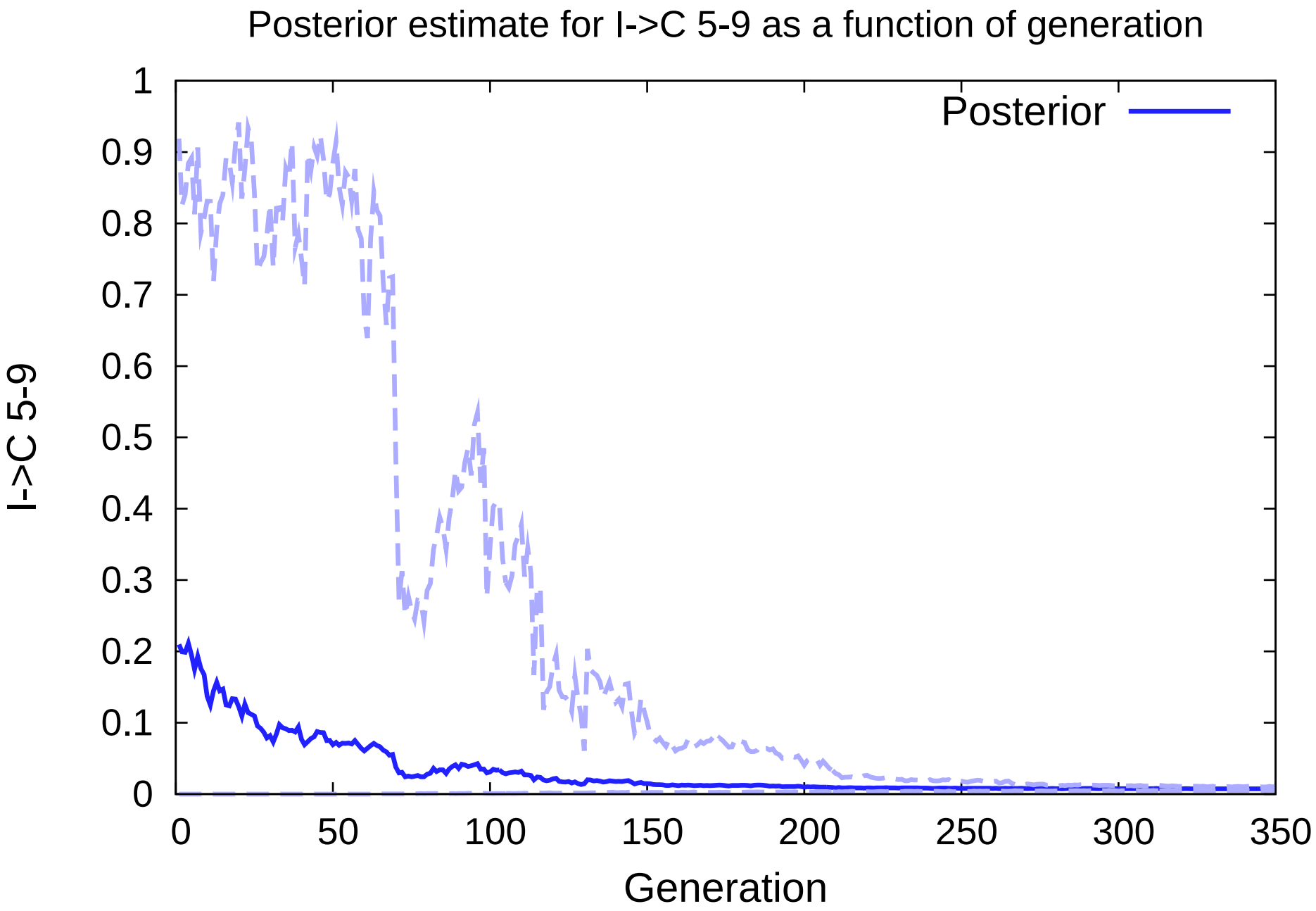

Posterior estimate for I->T 65-69 as a function of generation
Posterior
I->T 65-69
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

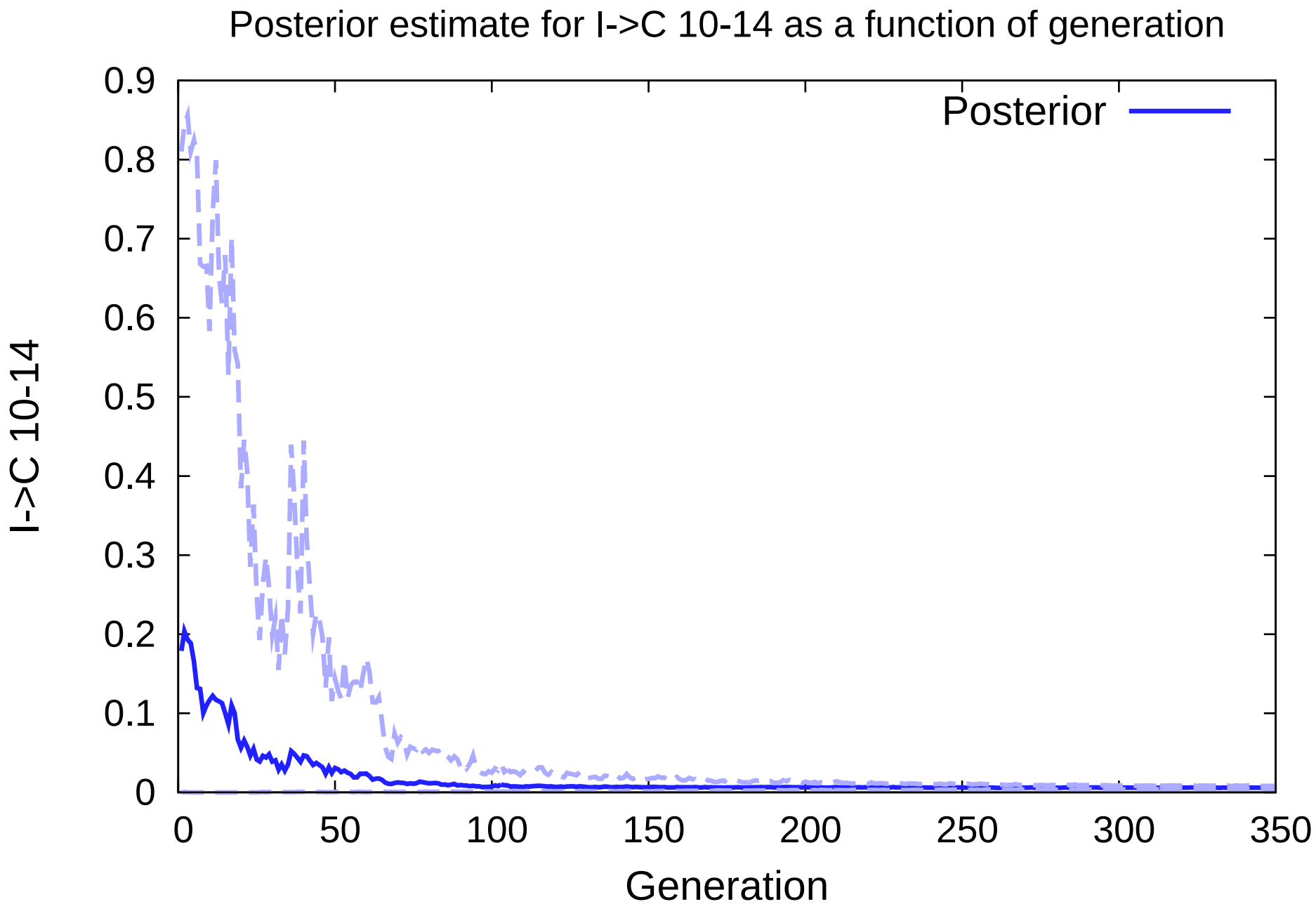

Posterior estimate for I->T 70-74 as a function of generation
Posterior
I->T 70-74
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

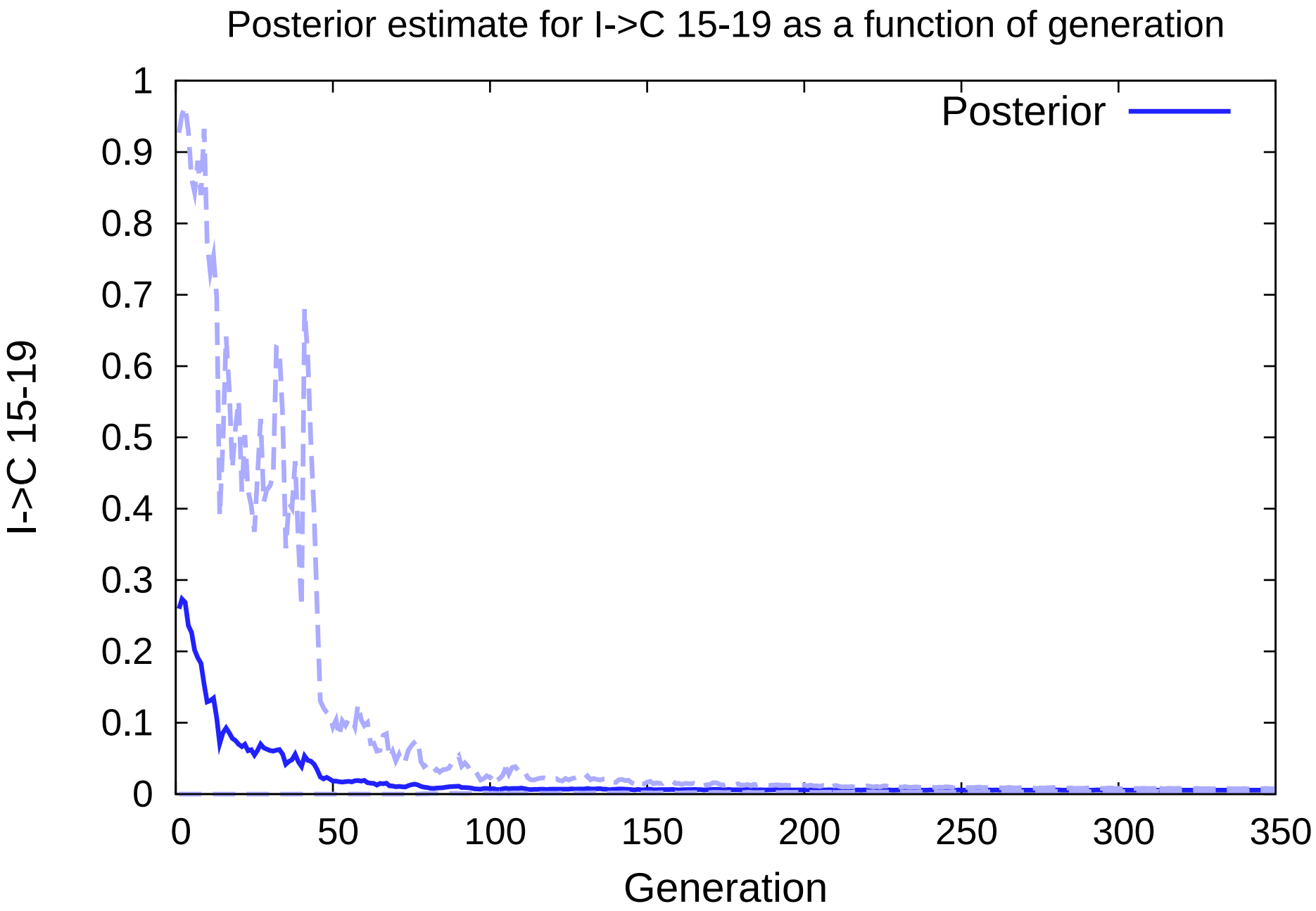

Posterior estimate for I->T 75-79 as a function of generation
Posterior
I->T 75-79
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

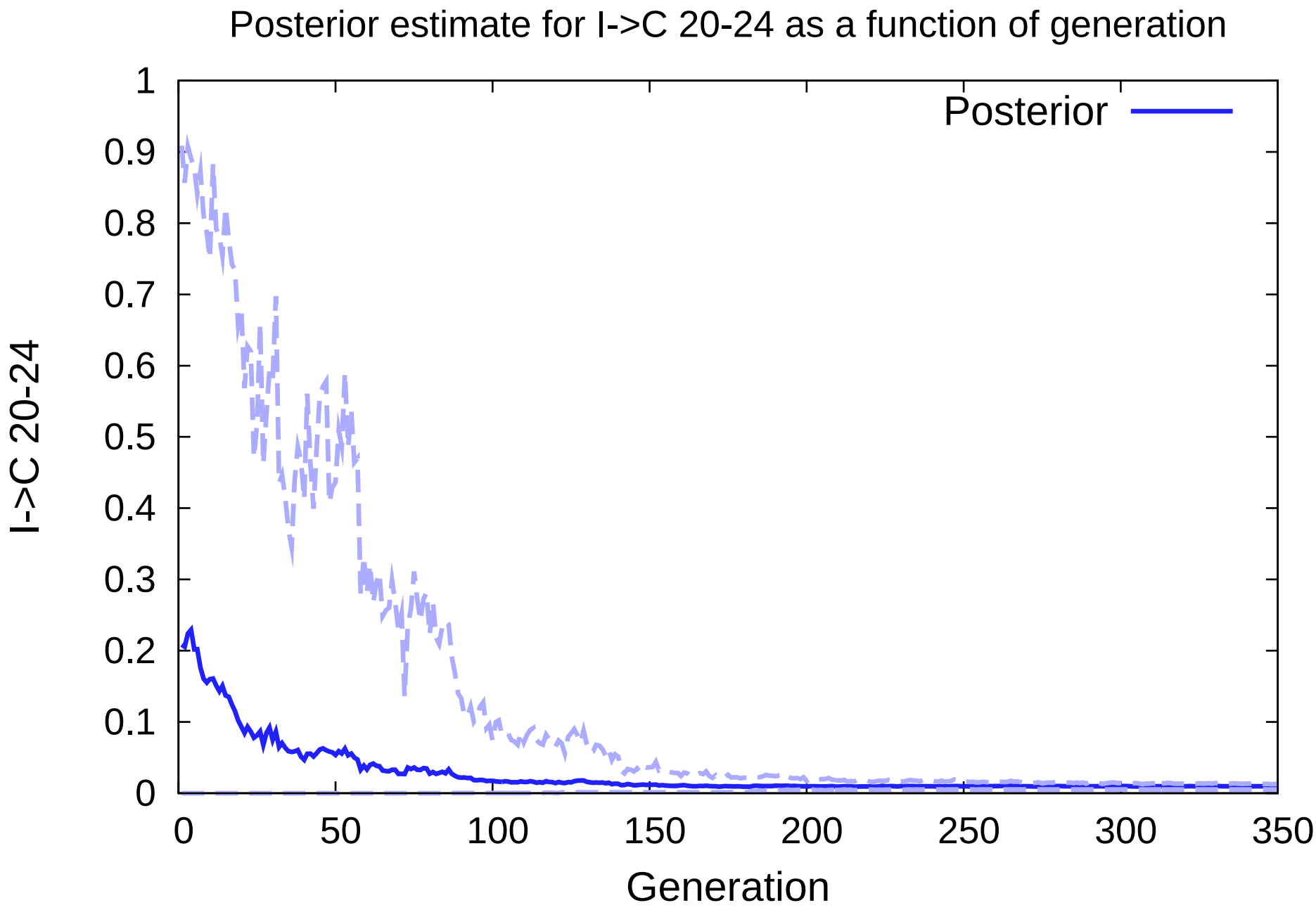

Posterior estimate for I->T 80+ as a function of generation
Posterior
I->T 80+
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

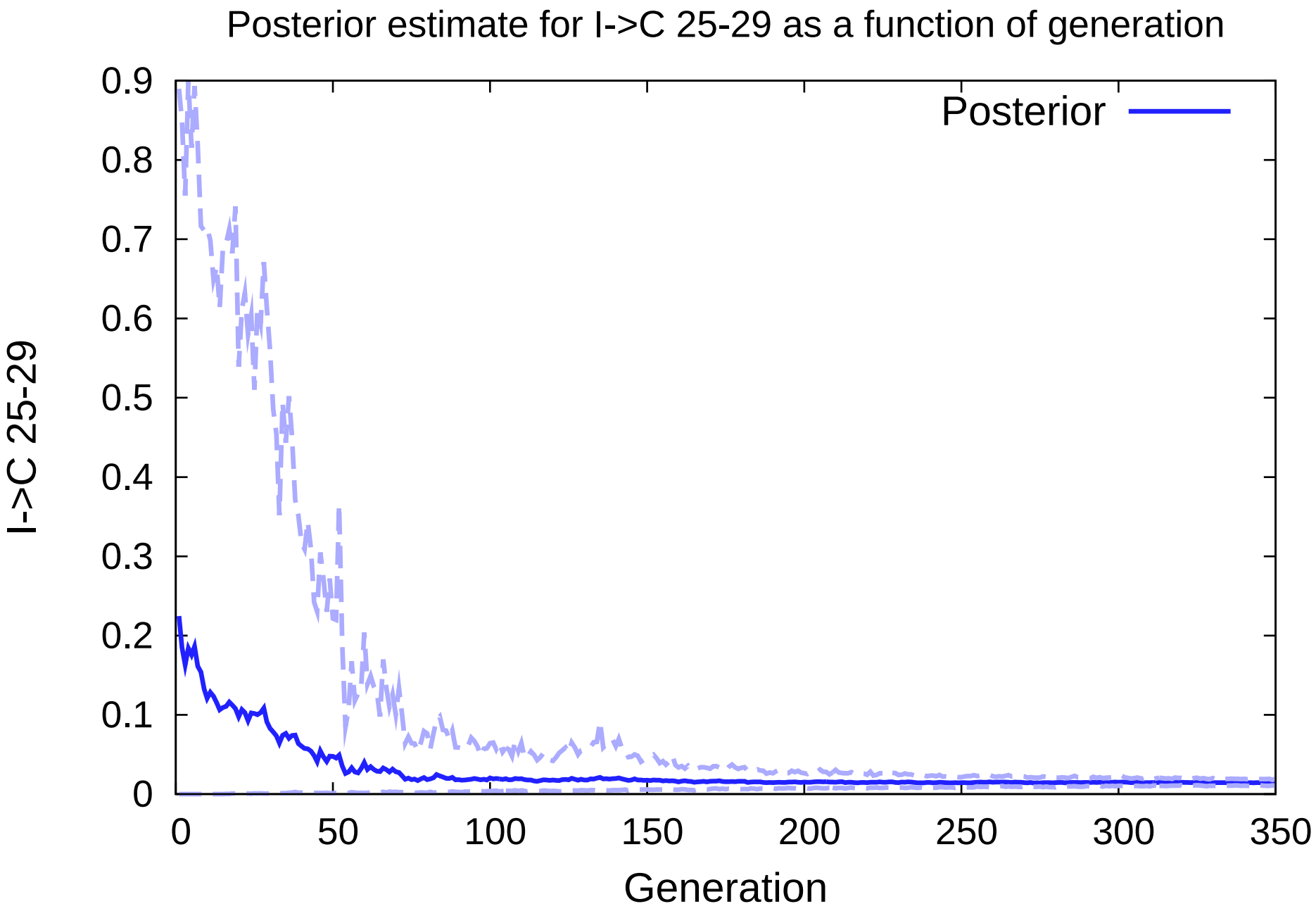

Posterior estimate for I->C 0-4 as a function of generation
Posterior
I->C 0-4
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

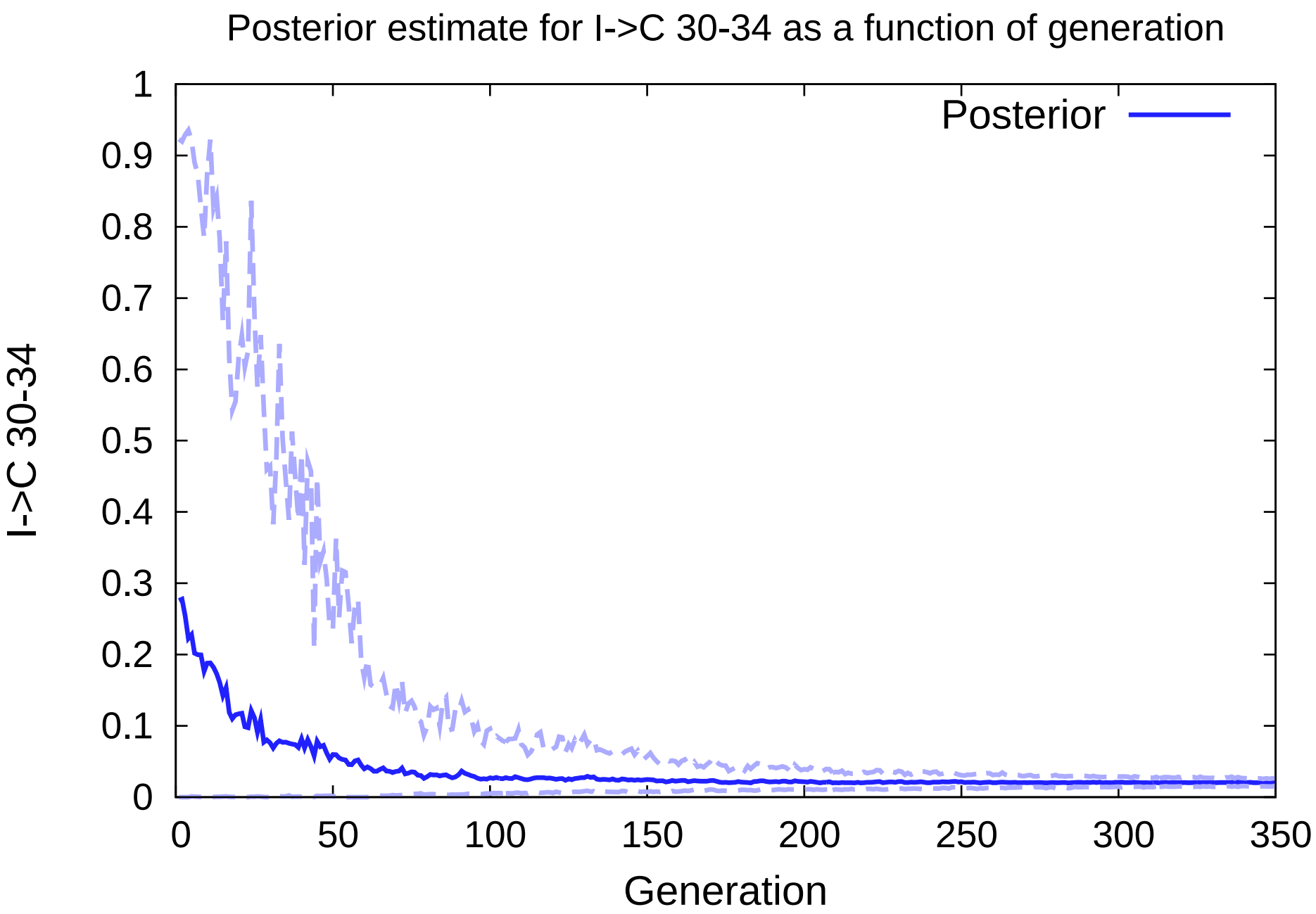

Posterior estimate for I->C 5-9 as a function of generation
Posterior
I->C 5-9
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

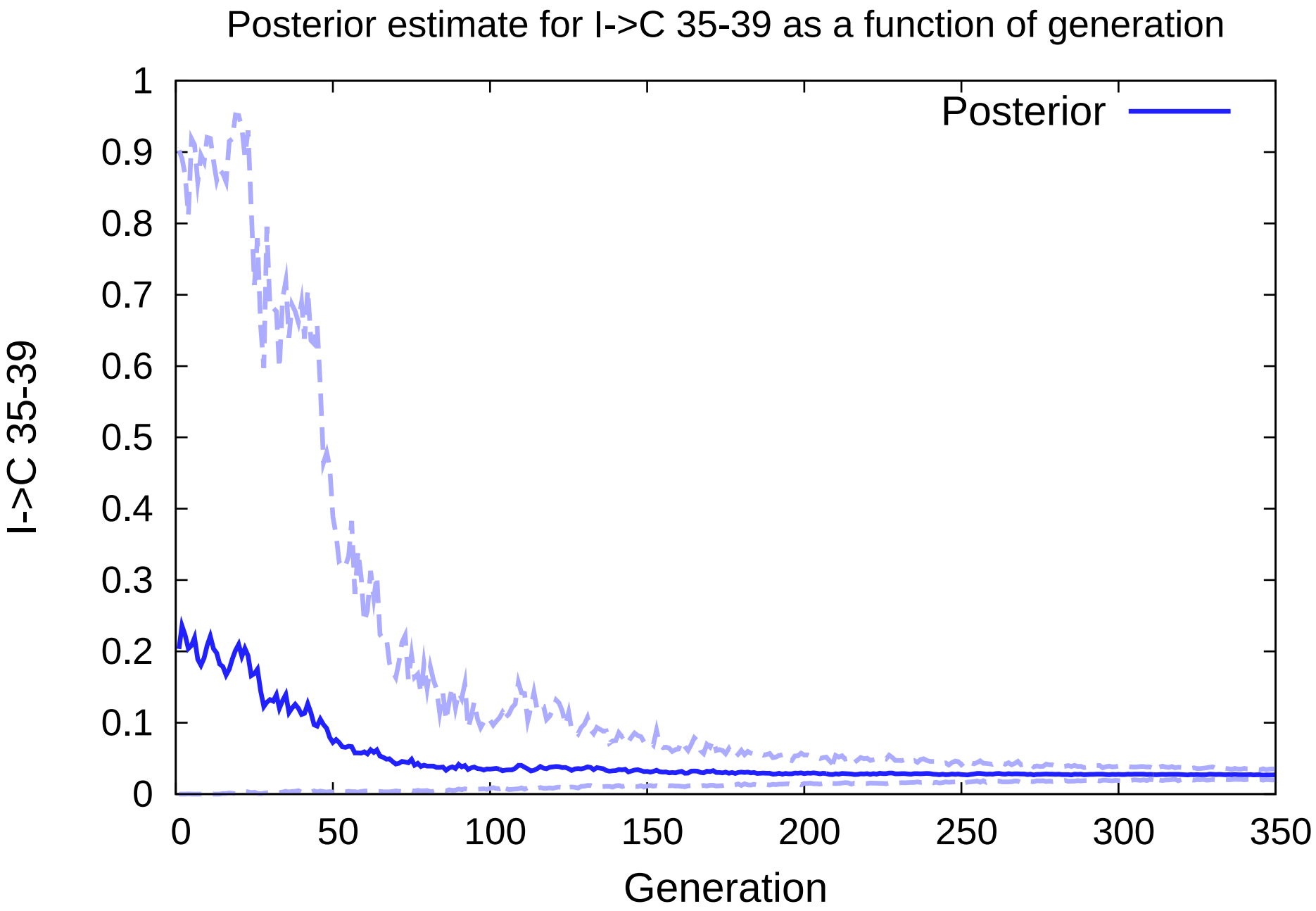

Posterior estimate for I->C 10-14 as a function of generation
Posterior
I->C 10-14
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0
50
100
150
200
250
300
350

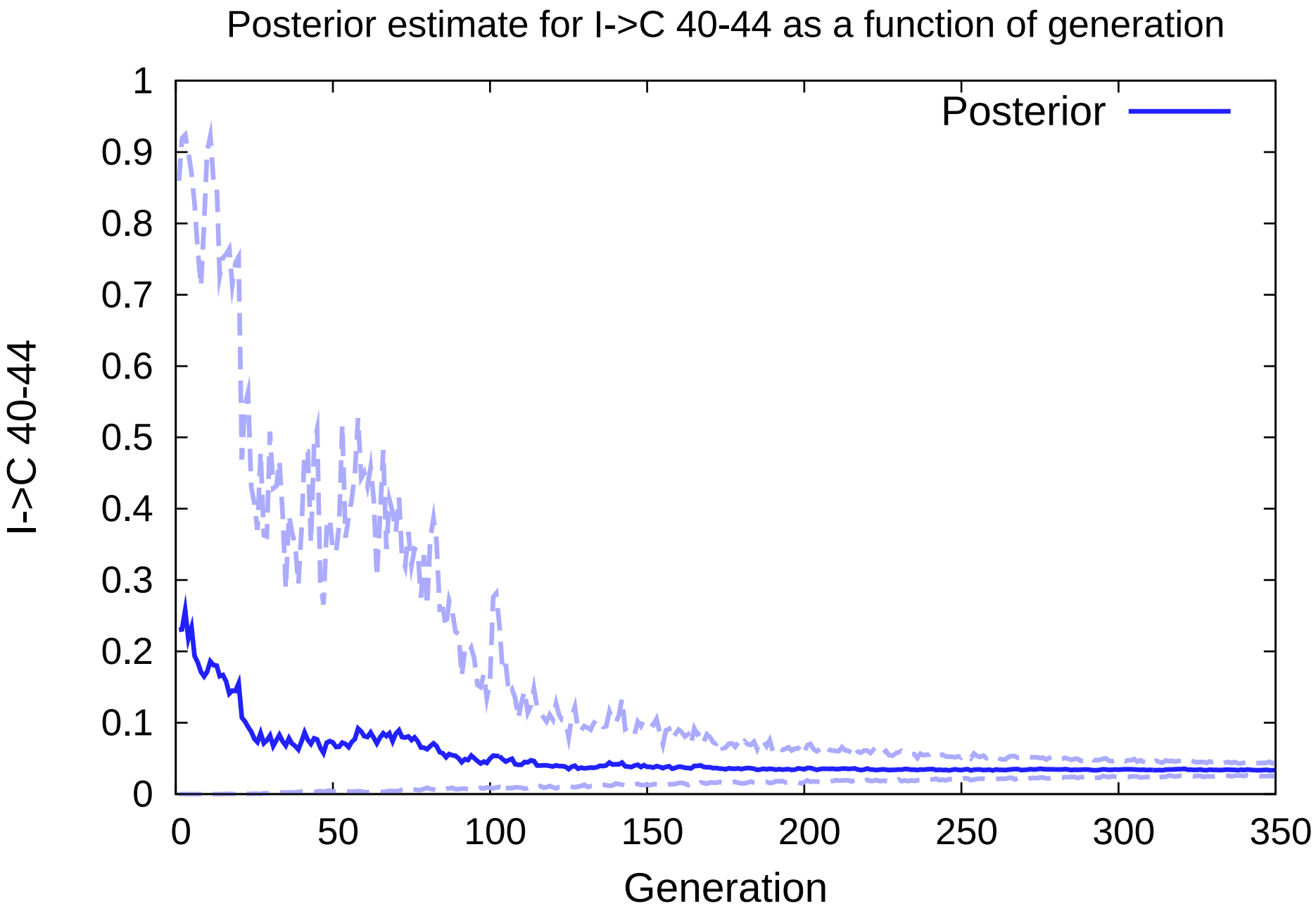

Posterior estimate for I->C 15-19 as a function of generation
Posterior
I->C 15-19
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

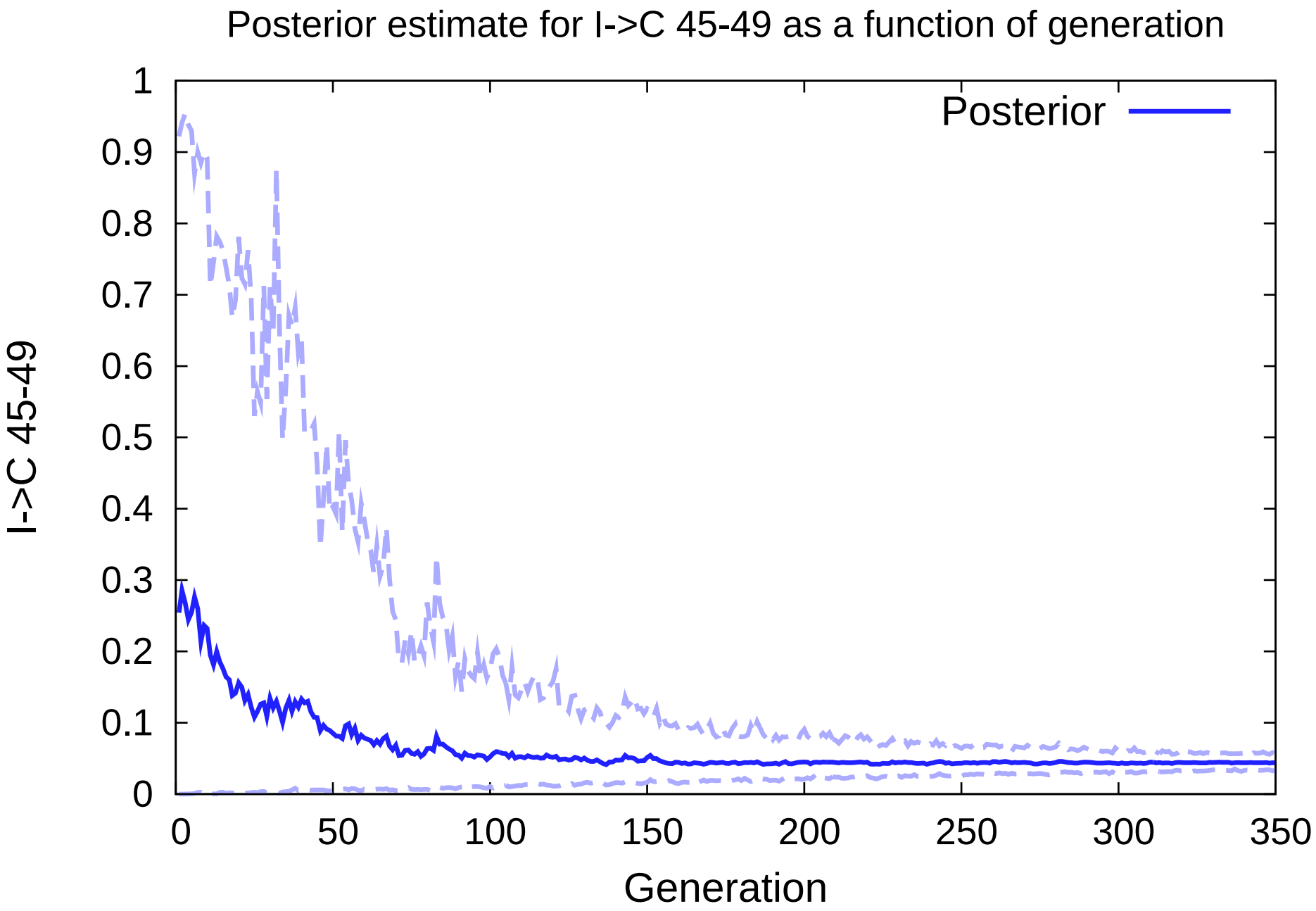

Posterior estimate for I->C 20-24 as a function of generation
Posterior
I->C 20-24
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

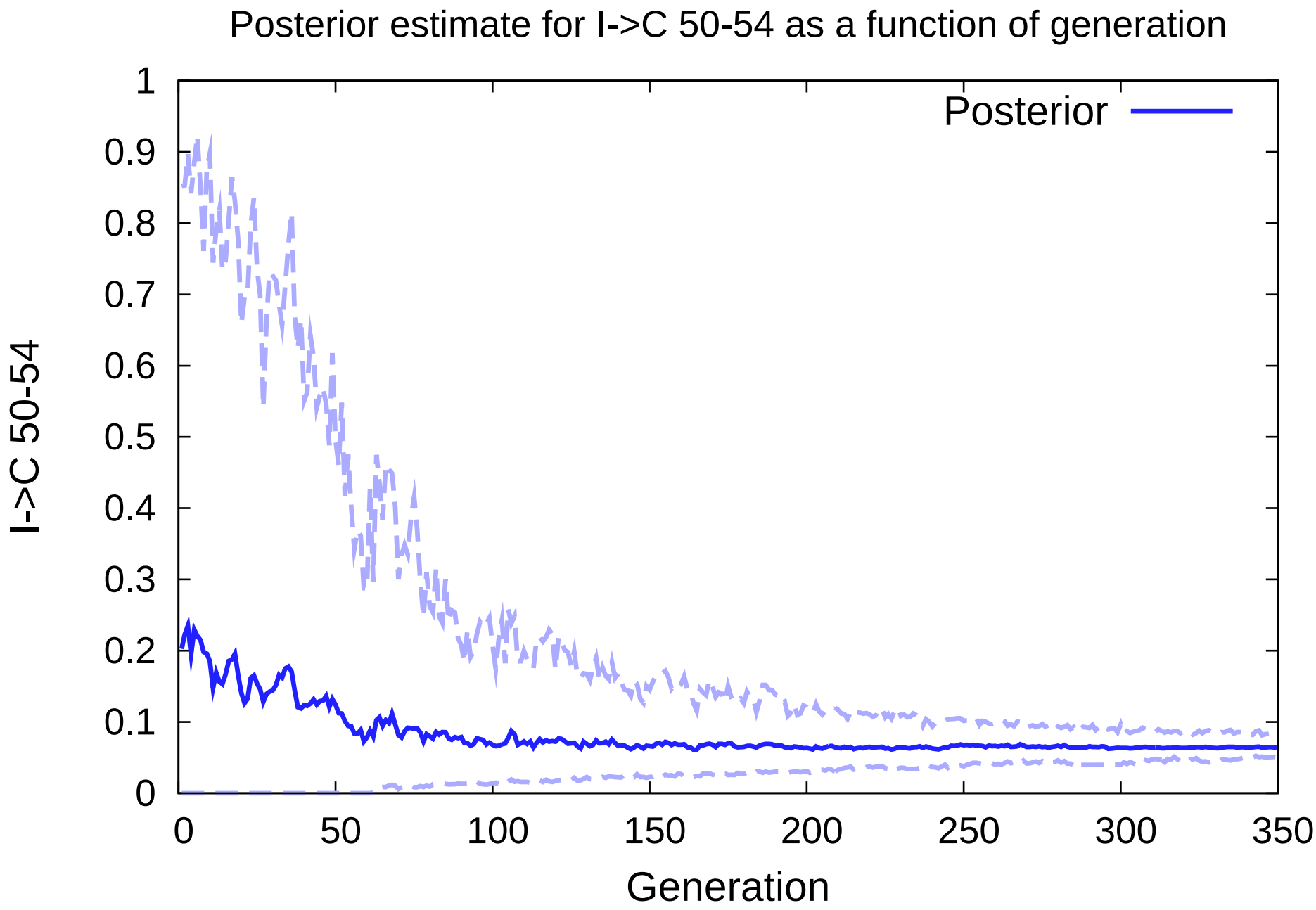

Posterior estimate for I->C 25-29 as a function of generation
Posterior
I->C 25-29
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0
50
100
150
200
250
300
350

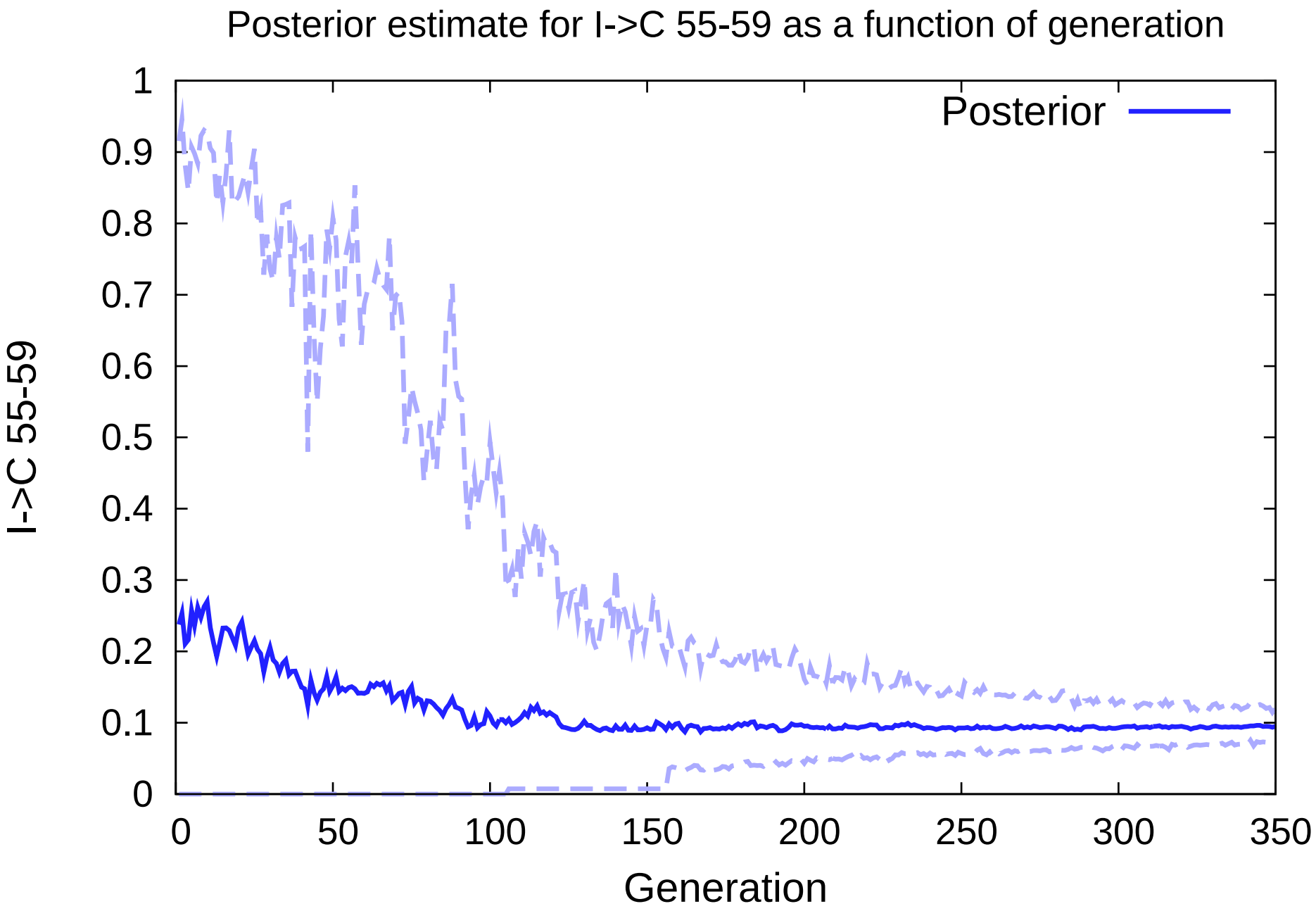

Posterior estimate for I->C 30-34 as a function of generation
Posterior
I->C 30-34
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

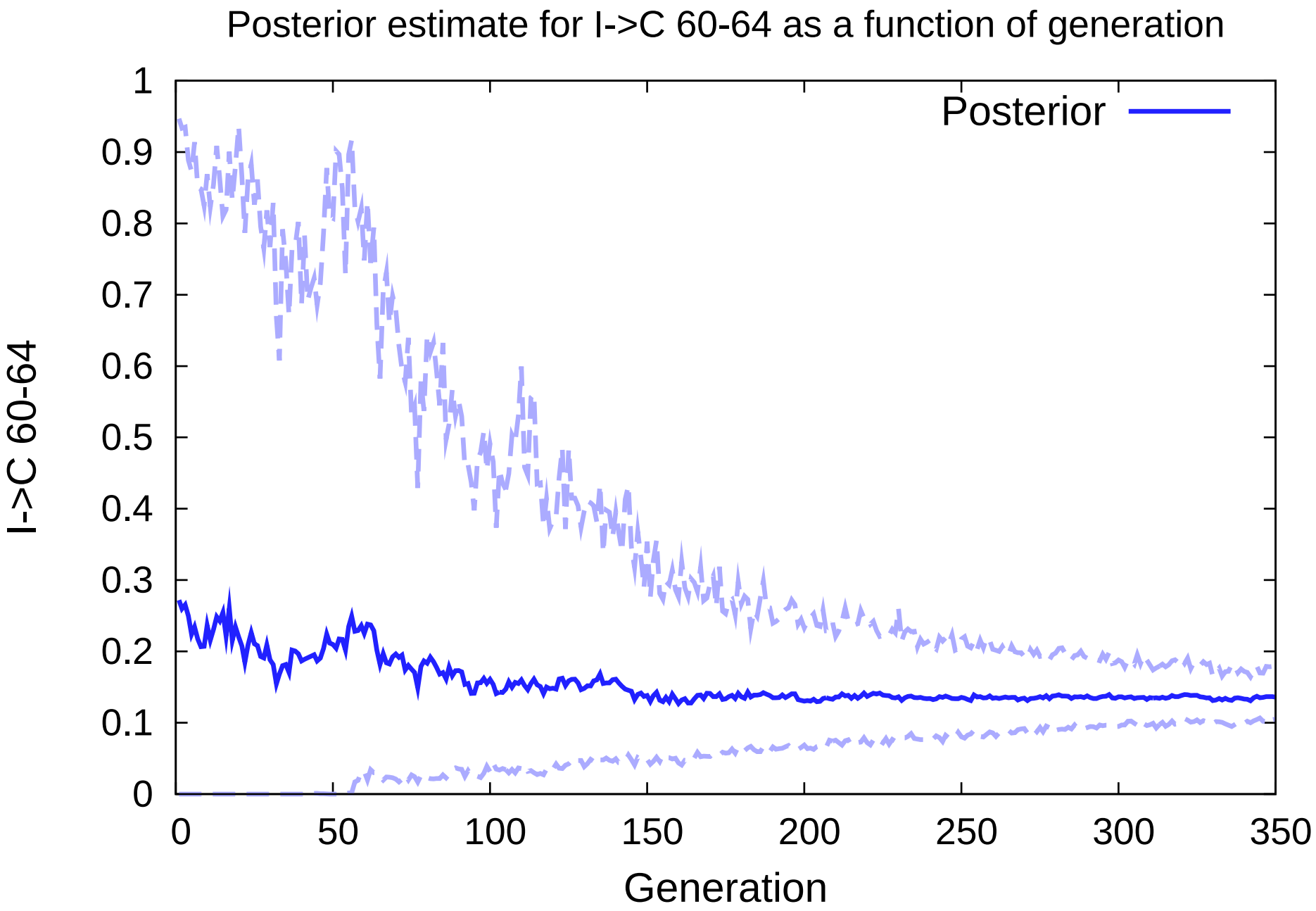

Posterior estimate for I->C 35-39 as a function of generation
Posterior
I->C 35-39
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

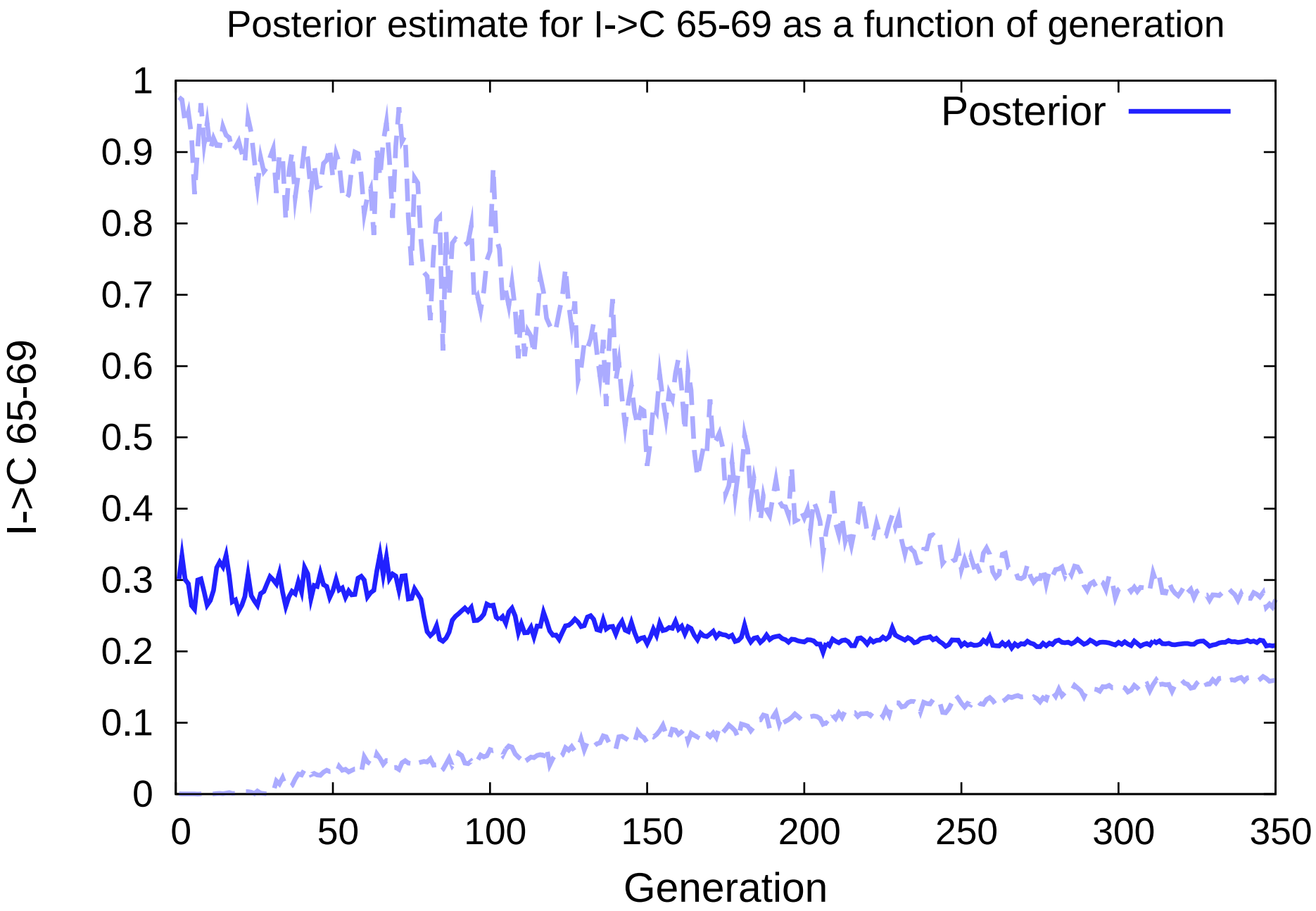

Posterior estimate for I->C 40-44 as a function of generation
Posterior
I->C 40-44
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

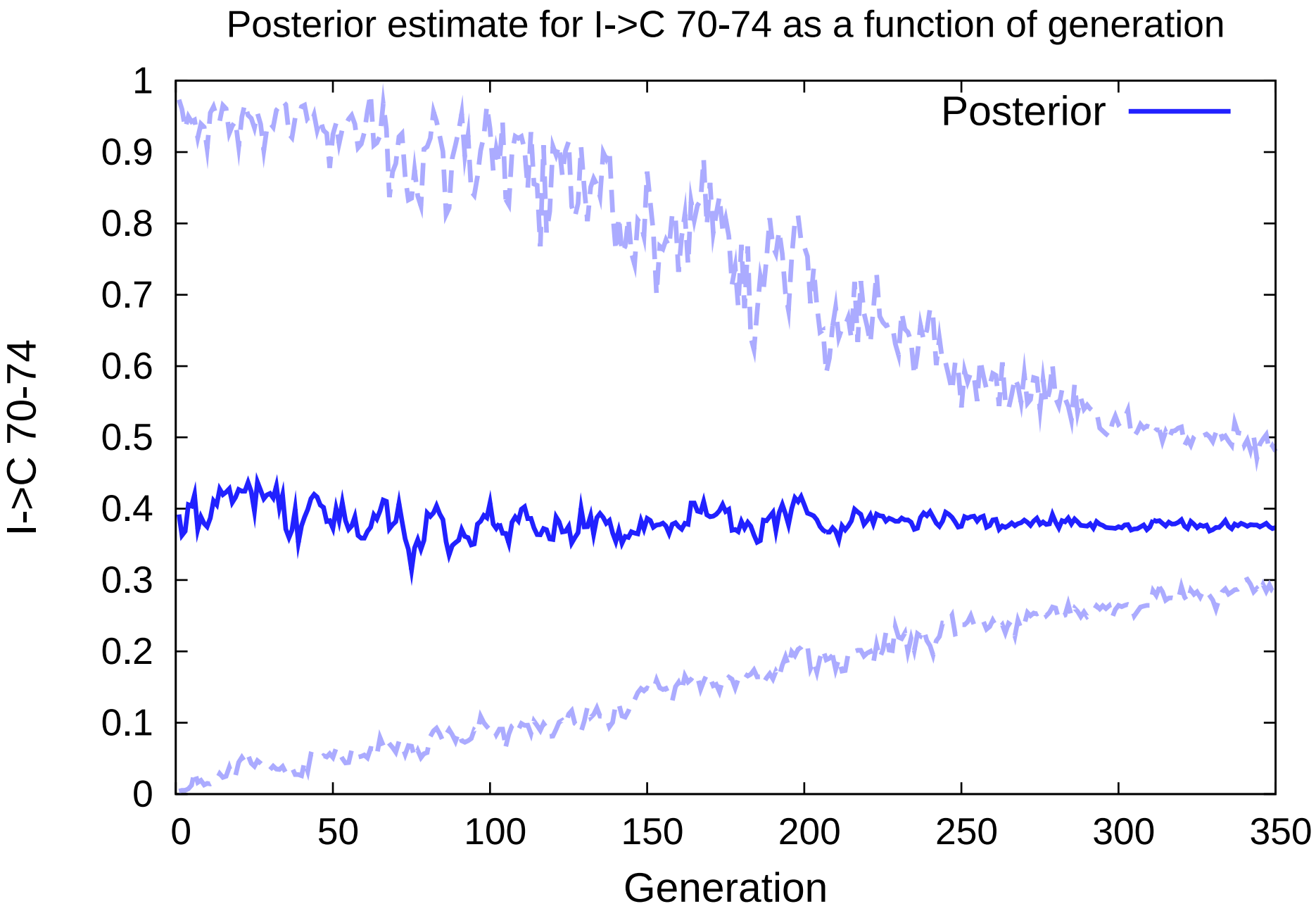

Posterior estimate for I->C 45-49 as a function of generation
Posterior
I->C 45-49
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

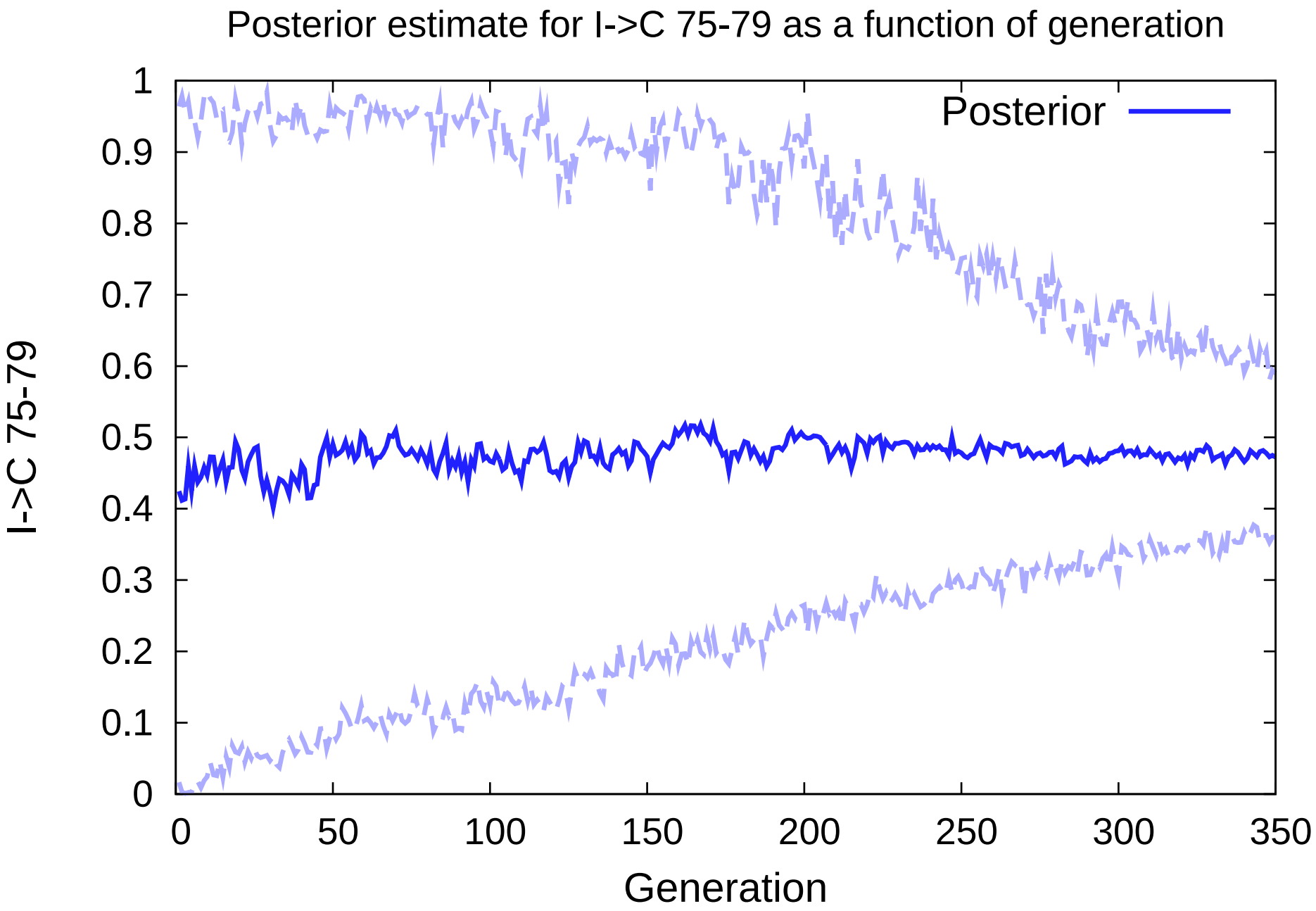

Posterior estimate for I->C 50-54 as a function of generation
Posterior
I->C 50-54
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

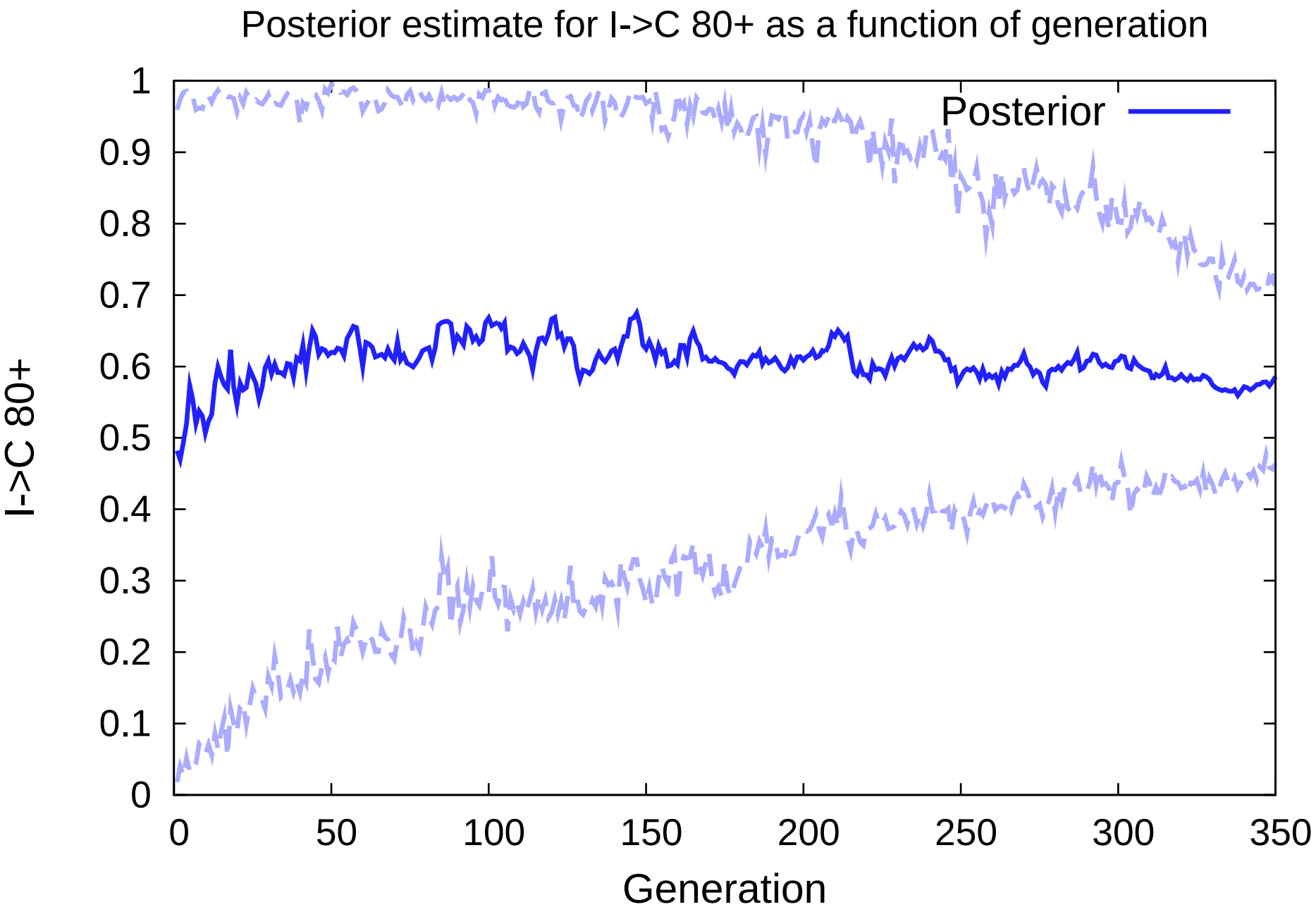

Posterior estimate for I->C 55-59 as a function of generation
Posterior
I->C 55-59
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

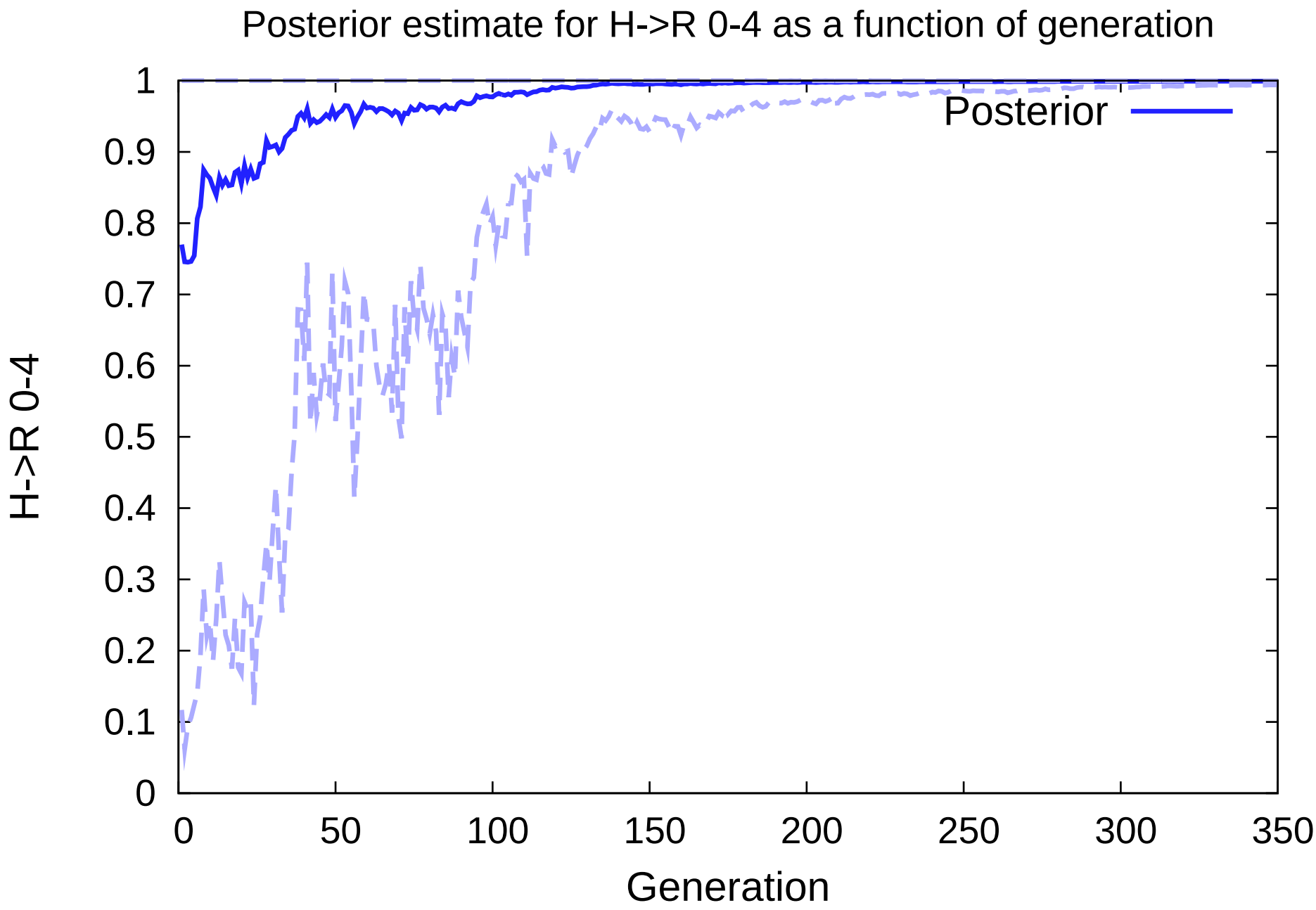

Posterior estimate for I->C 60-64 as a function of generation
Posterior
I->C 60-64
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

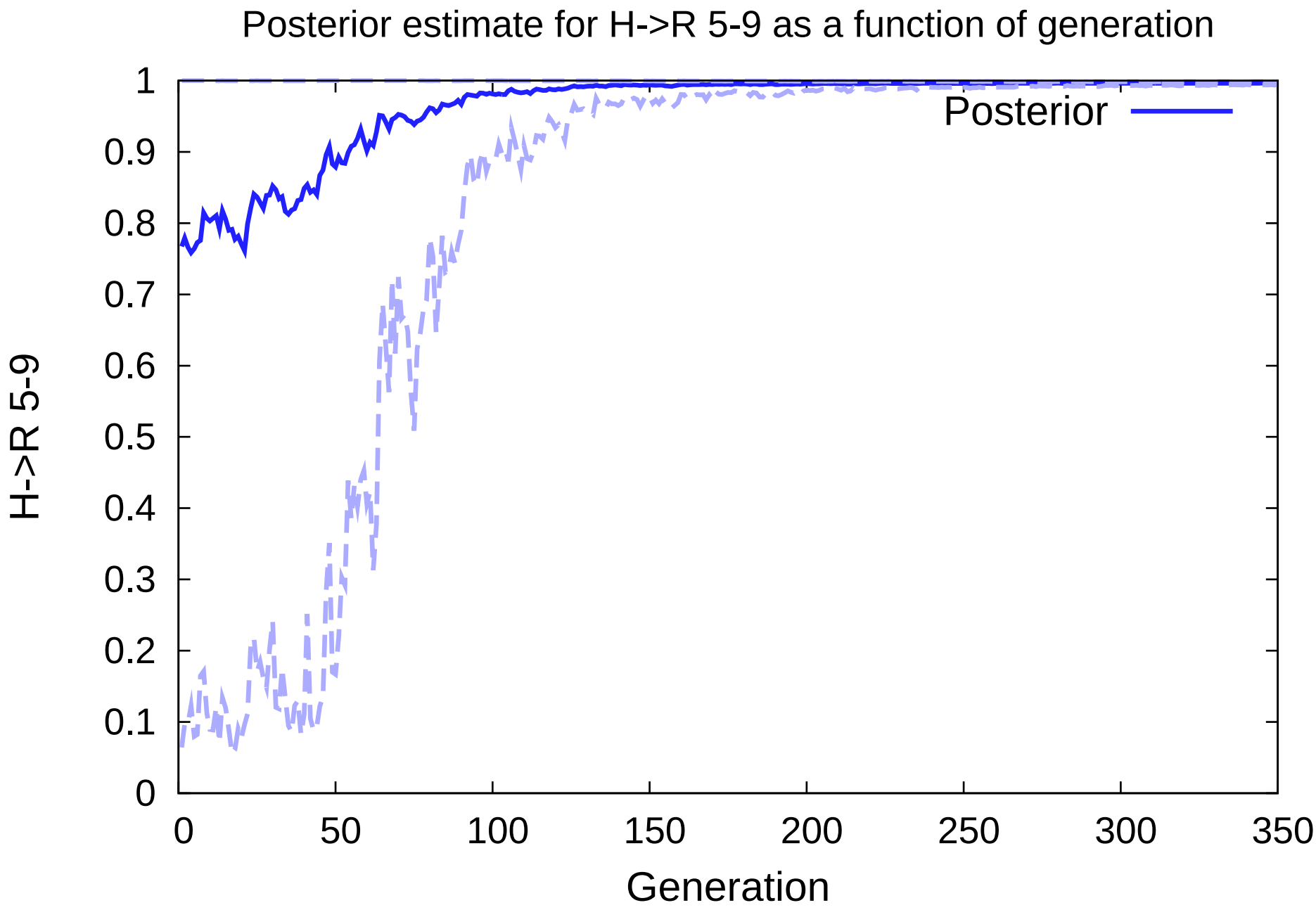

Posterior estimate for I->C 65-69 as a function of generation
Posterior
I->C 65-69
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

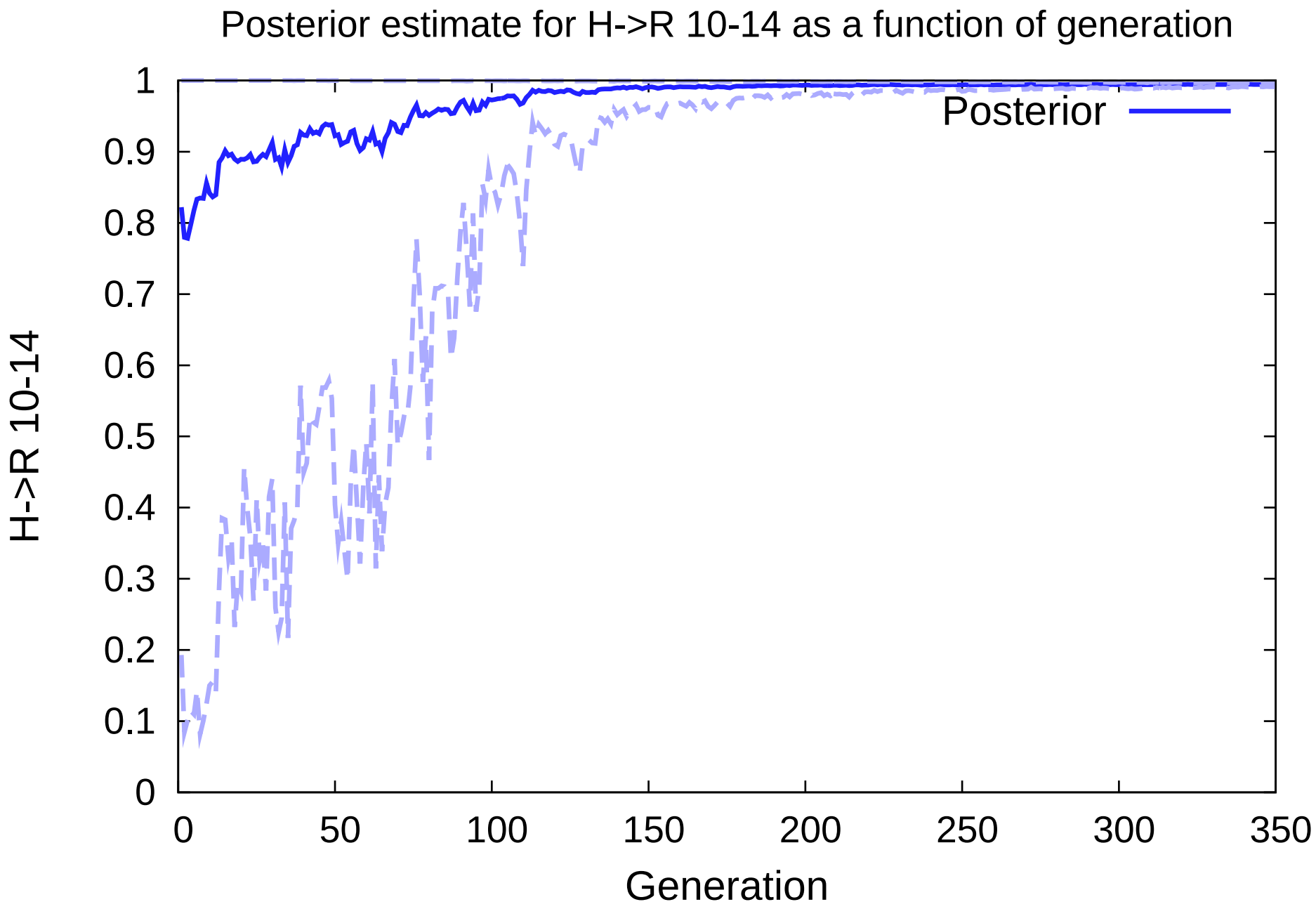

Posterior estimate for I->C 70-74 as a function of generation
Posterior
I->C 70-74
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

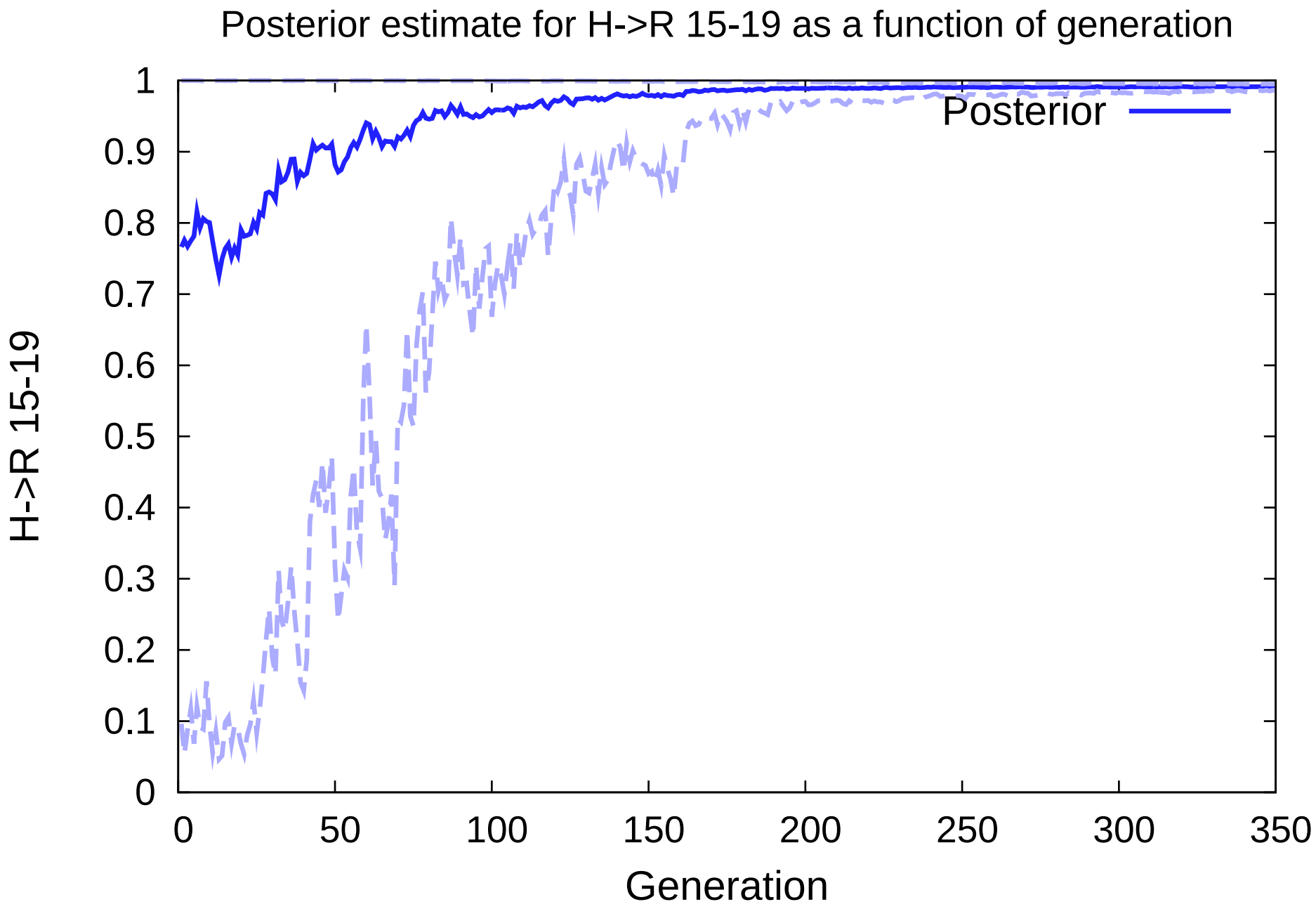

Posterior estimate for I->C 75-79 as a function of generation
Posterior
I->C 75-79
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

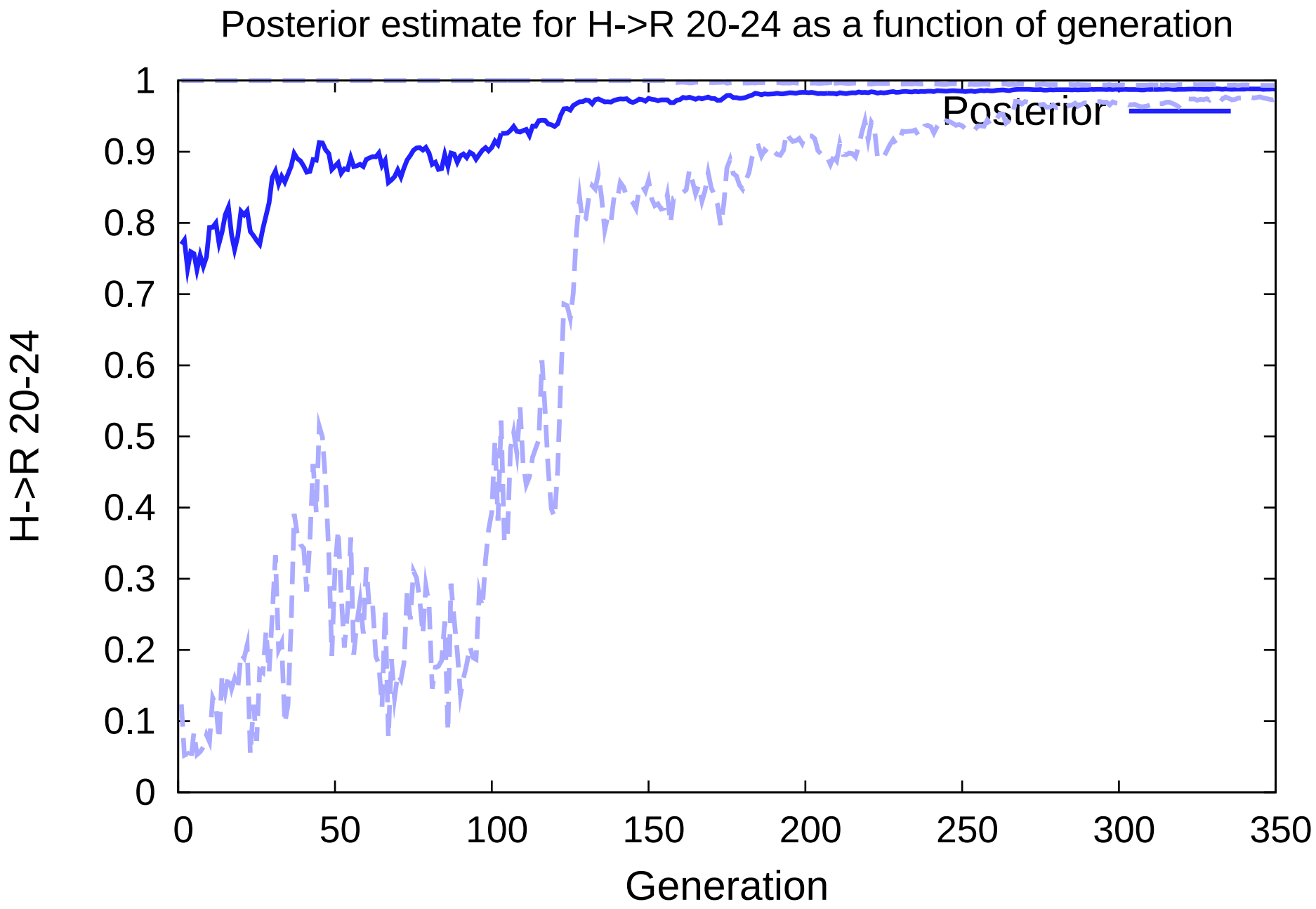

Posterior estimate for I->C 80+ as a function of generation
Posterior
I->C 80+
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

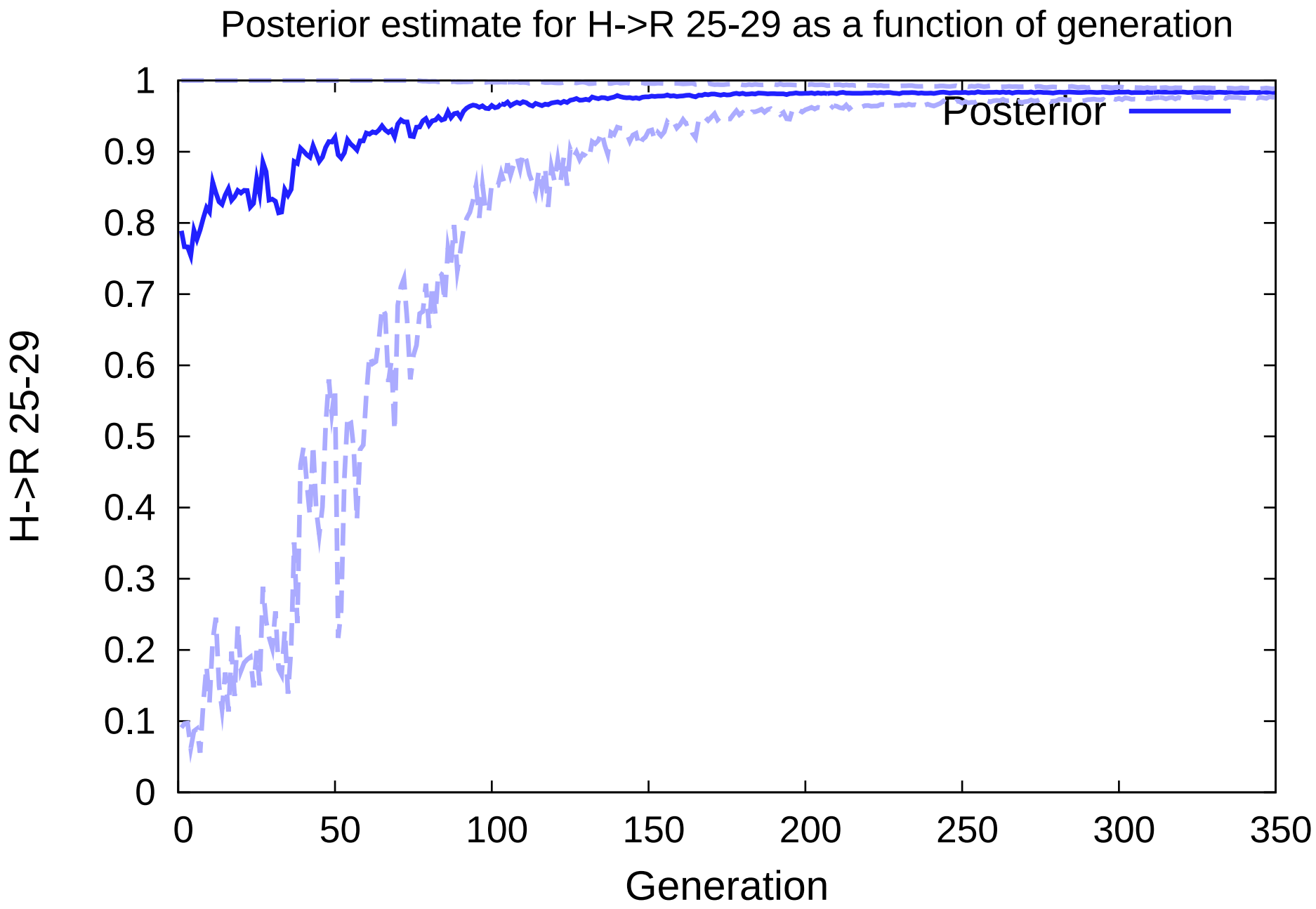

Posterior estimate for H->R 0-4 as a function of generation
Posterior
H->R 0-4
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

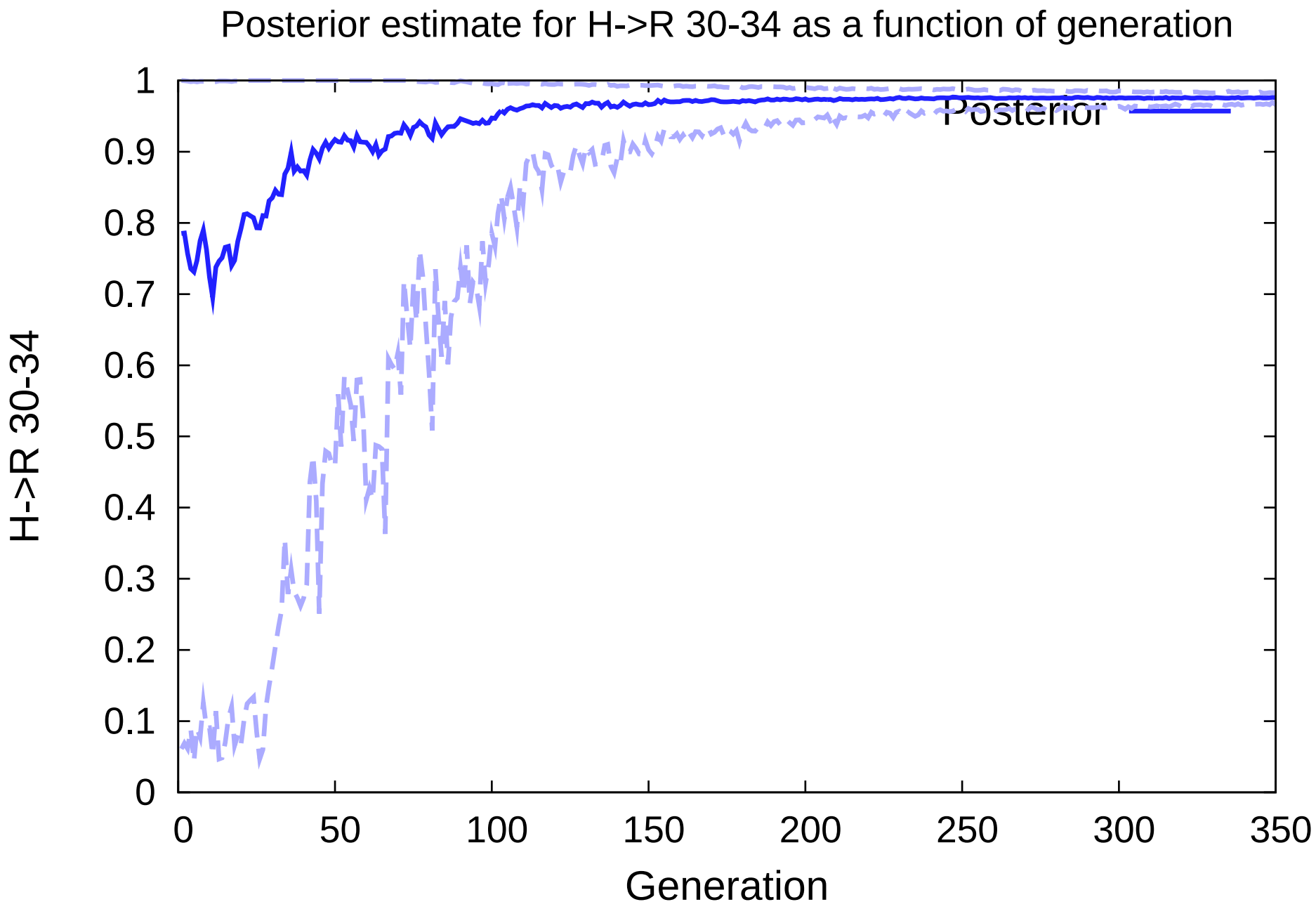

Posterior estimate for H->R 5-9 as a function of generation
Posterior
H->R 5-9
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

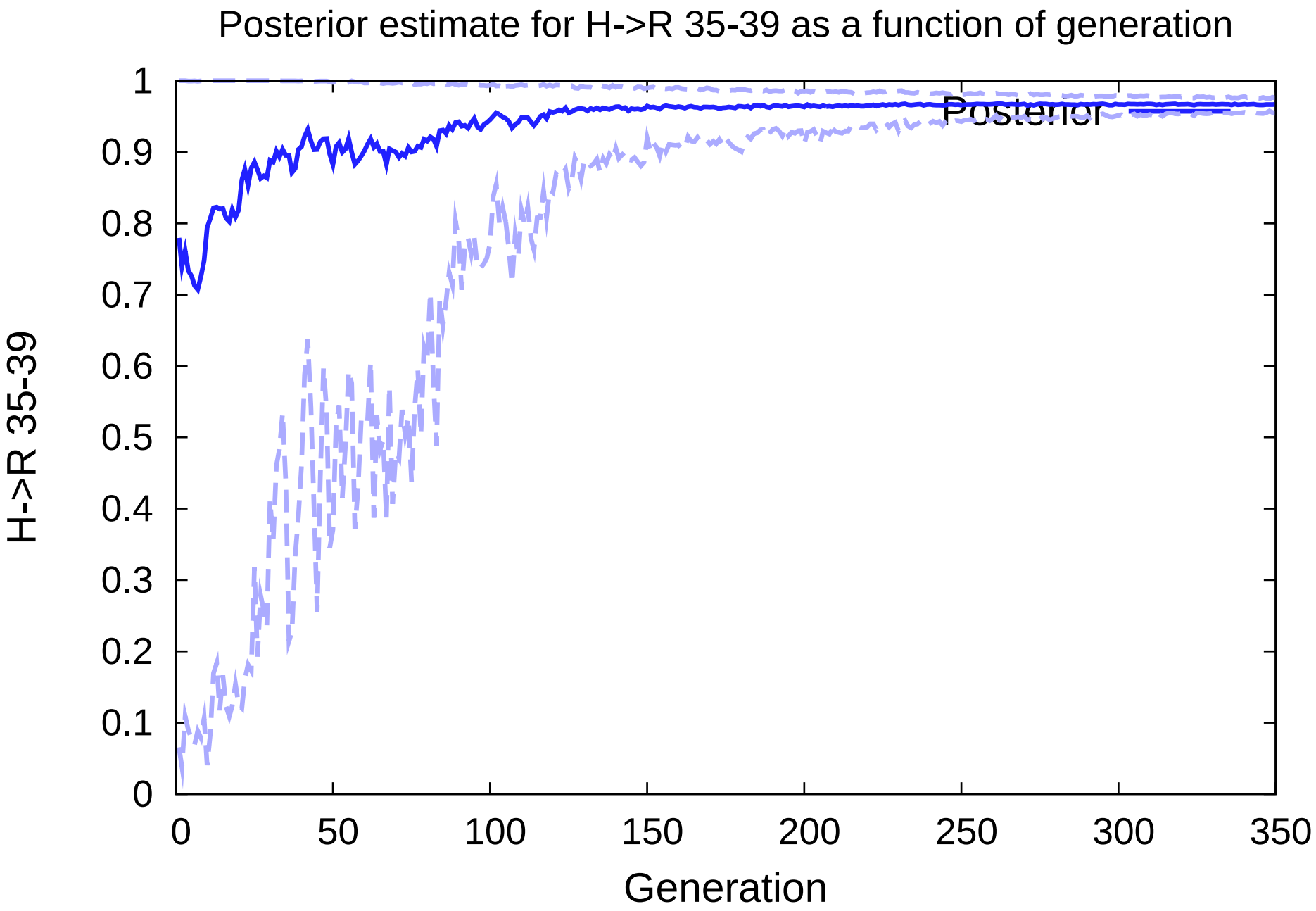

Posterior estimate for H->R 10-14 as a function of generation
H->R 10-14
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

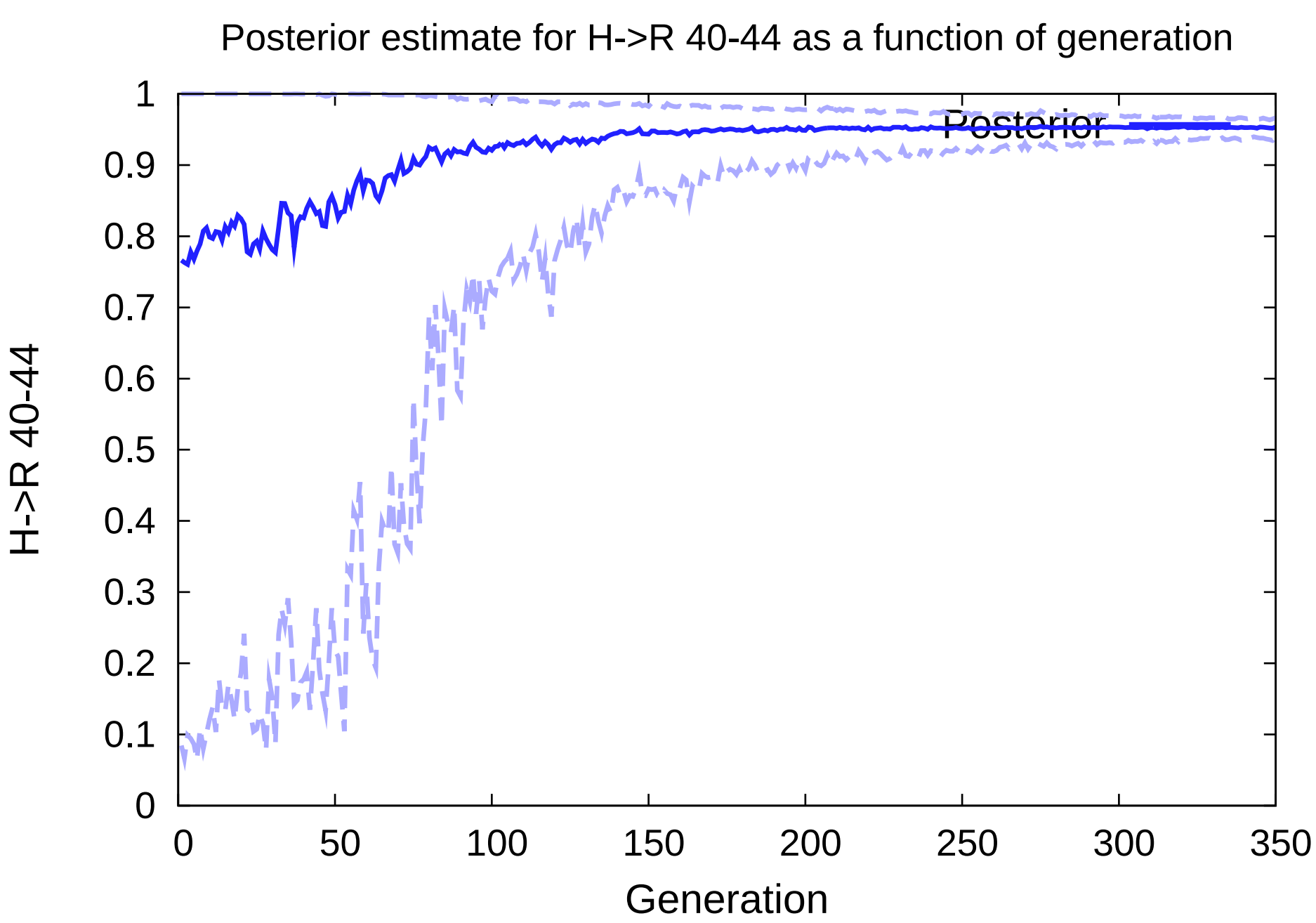

Posterior estimate for H->R 15-19 as a function of generation
H->R 15-19
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

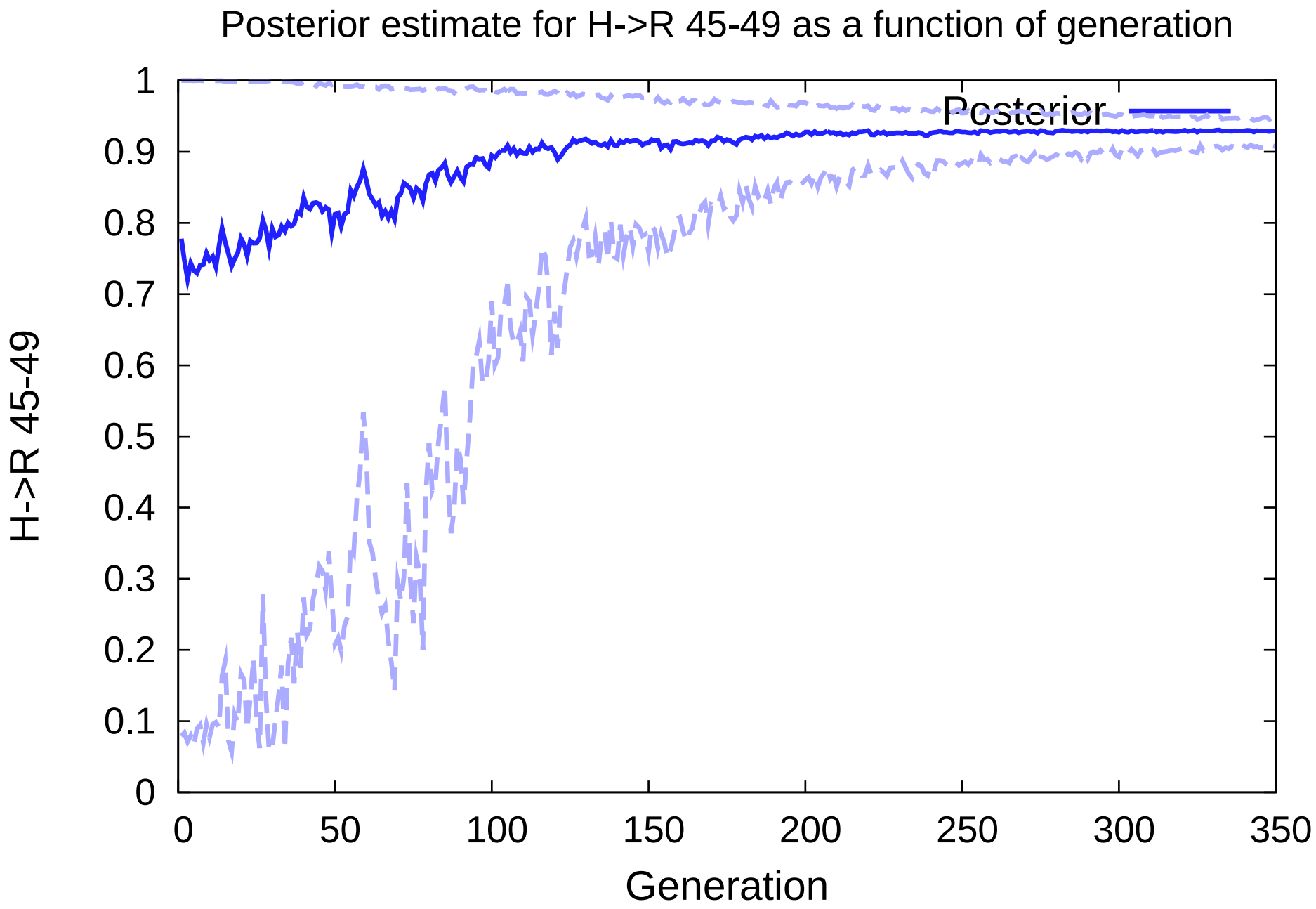

Posterior estimate for H->R 20-24 as a function of generation
H->R 20-24
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

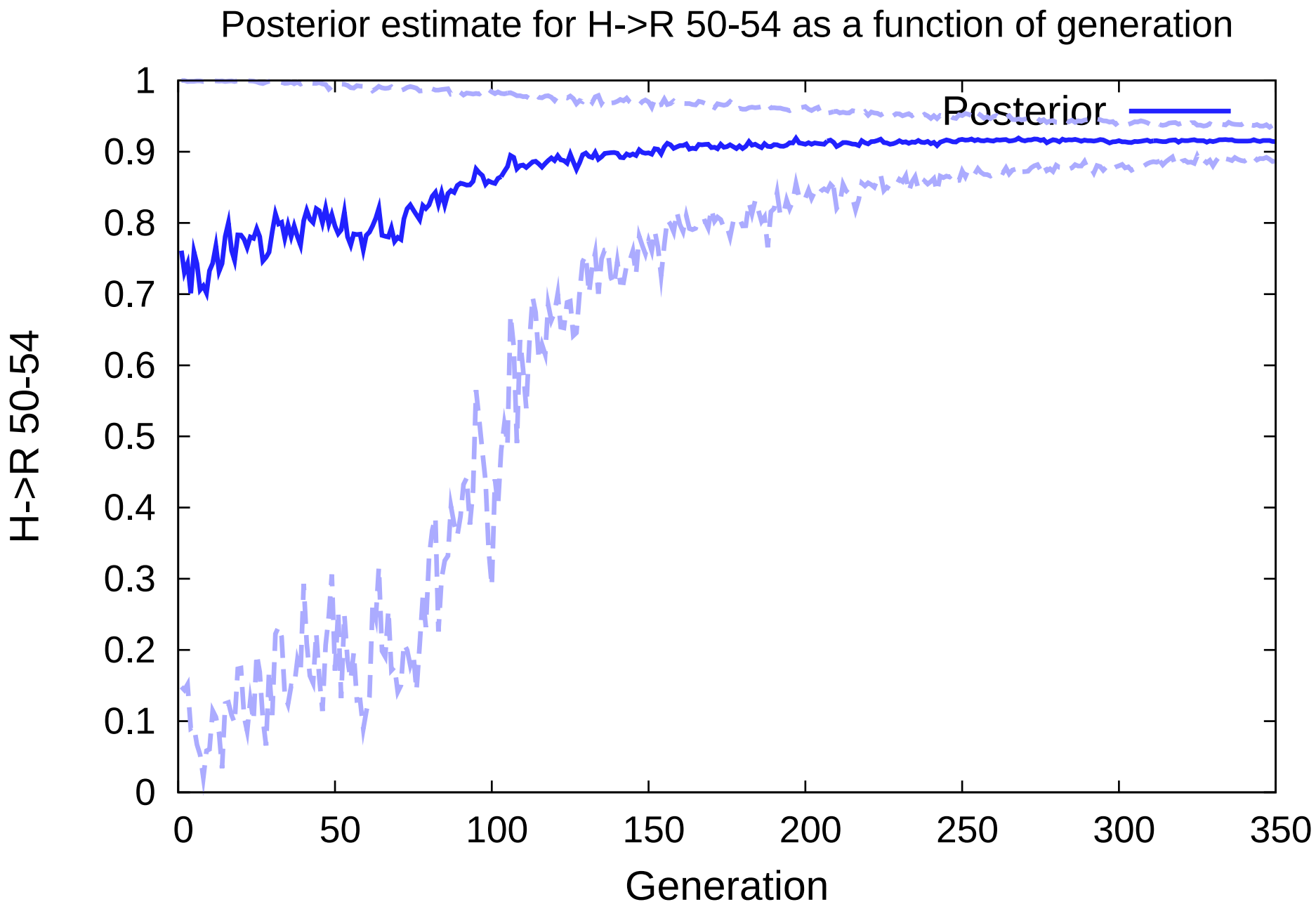

Posterior estimate for H->R 25-29 as a function of generation
H->R 25-29
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

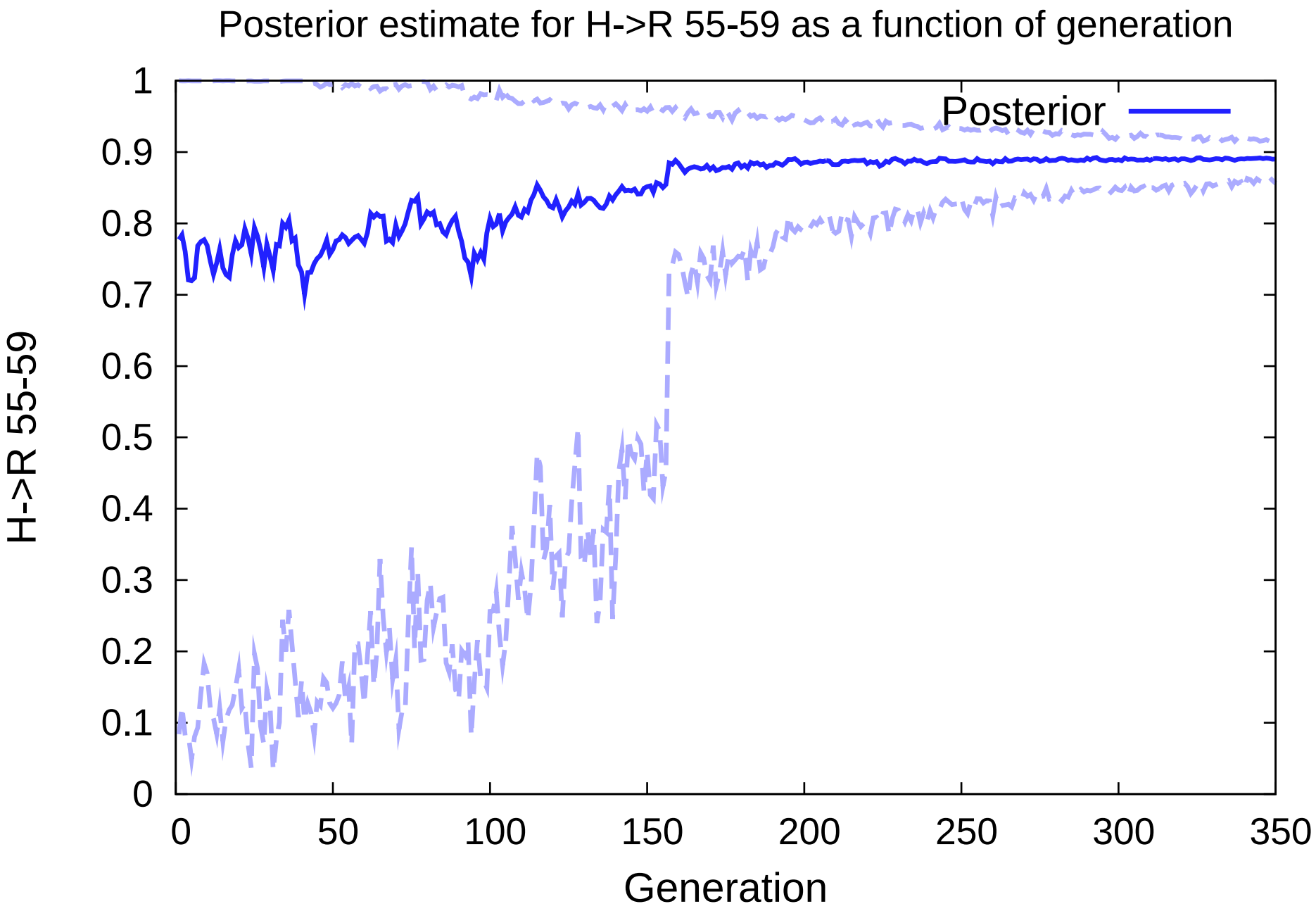

Posterior estimate for H->R 30-34 as a function of generation
H->R 30-34
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

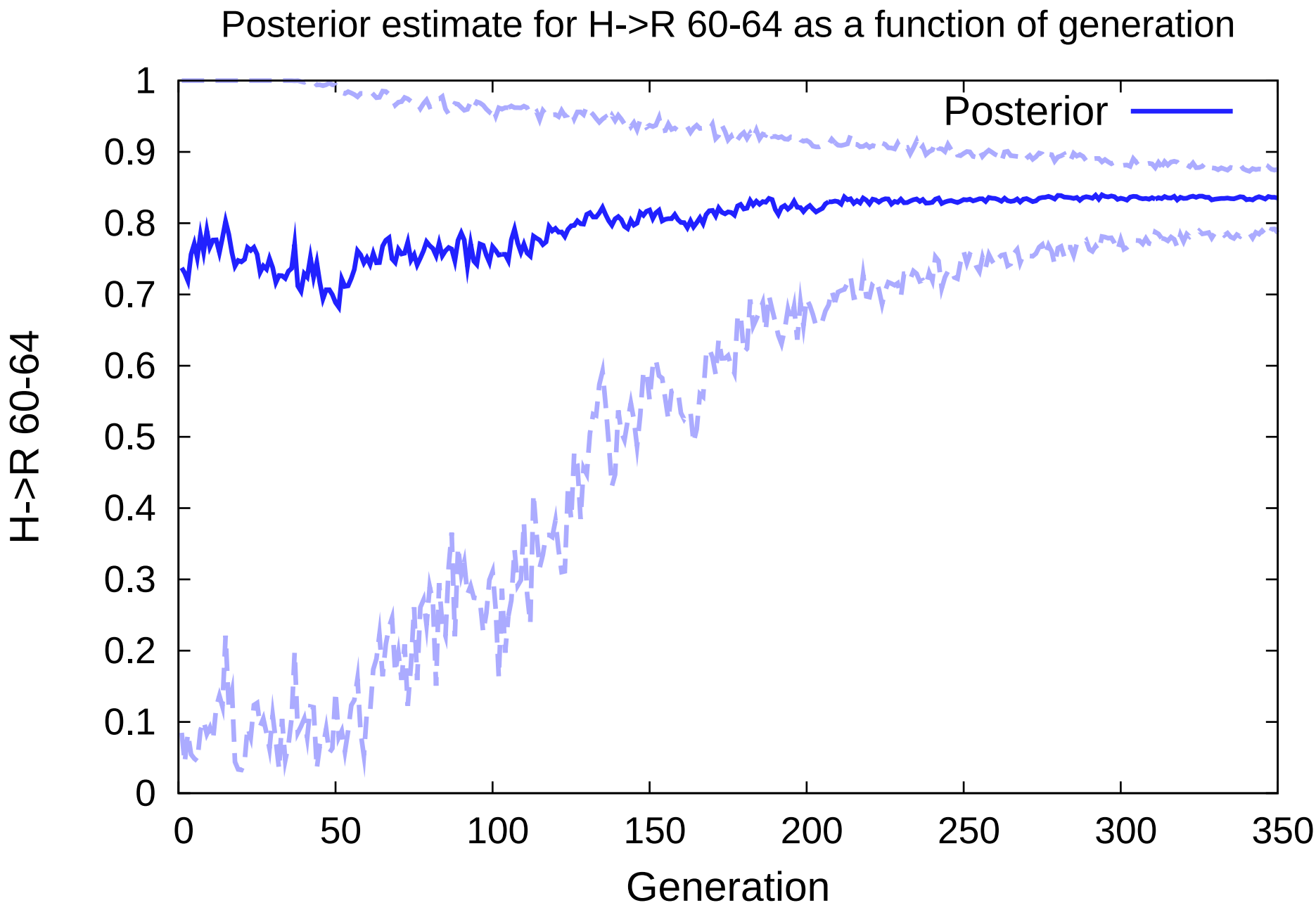

Posterior estimate for H->R 35-39 as a function of generation
H->R 35-39
Generation
Posterior
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

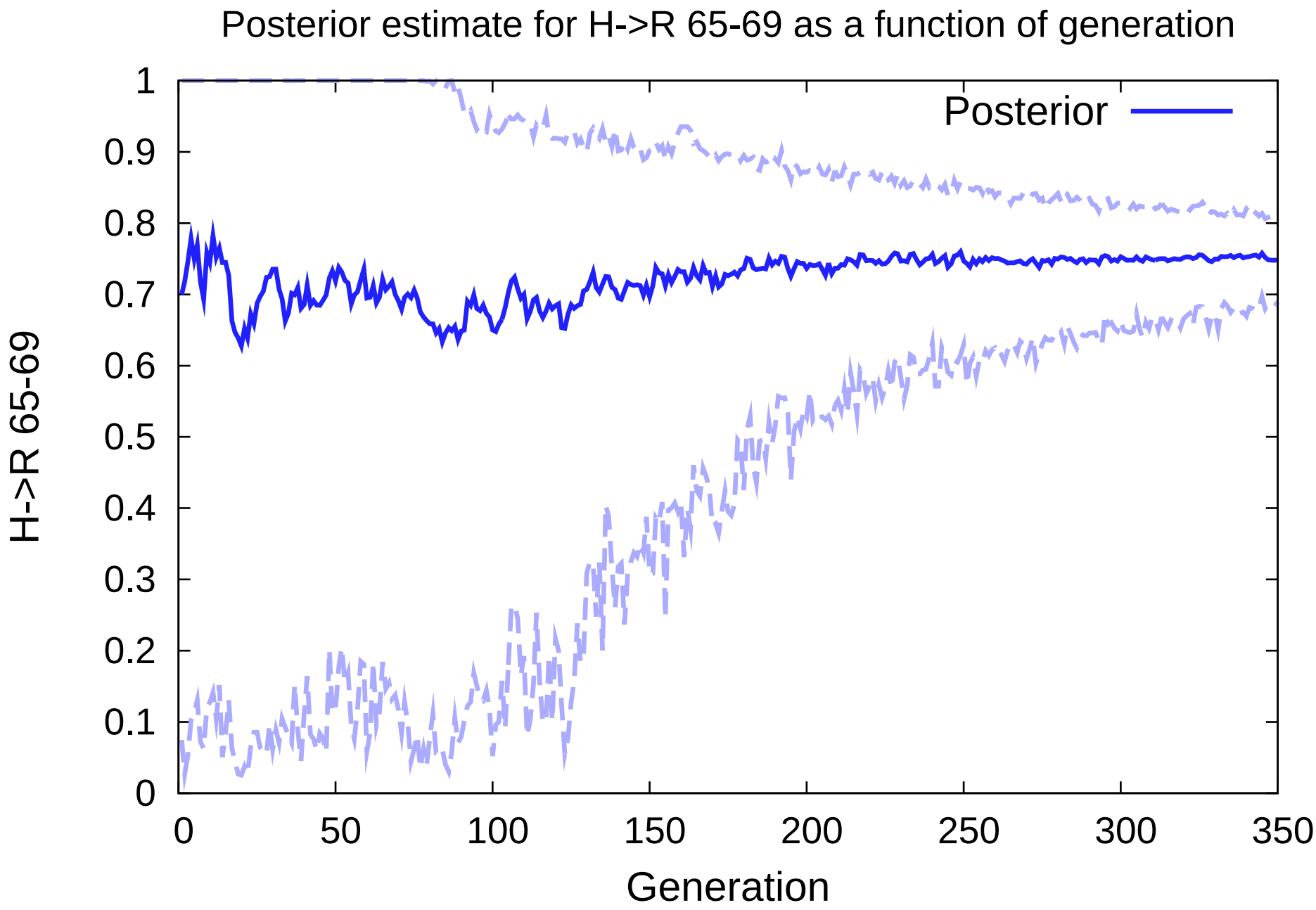

Posterior estimate for H->R 40-44 as a function of generation
Posterior
H->R 40-44
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

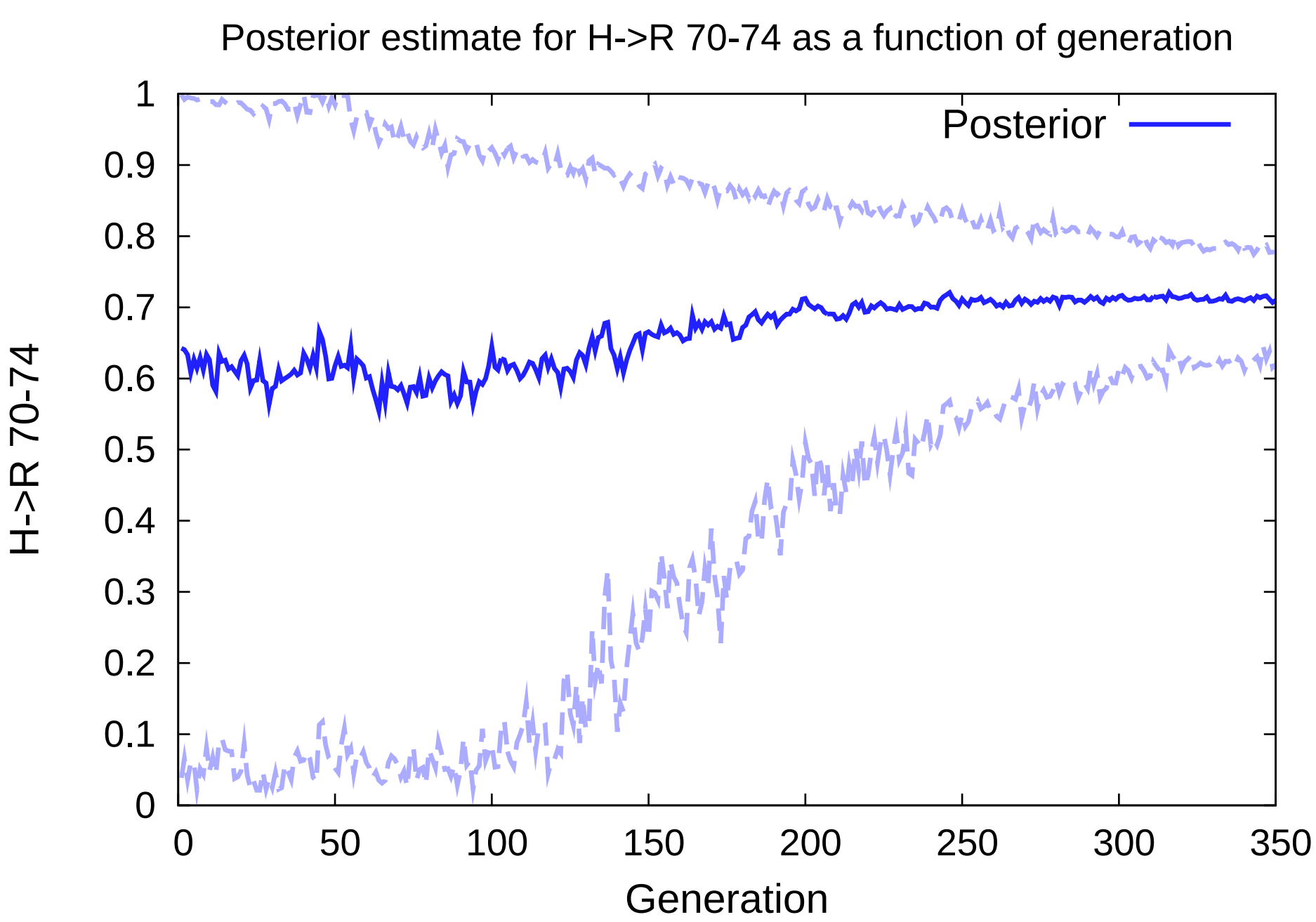

Posterior estimate for H->R 45-49 as a function of generation
Posterior
H->R 45-49
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

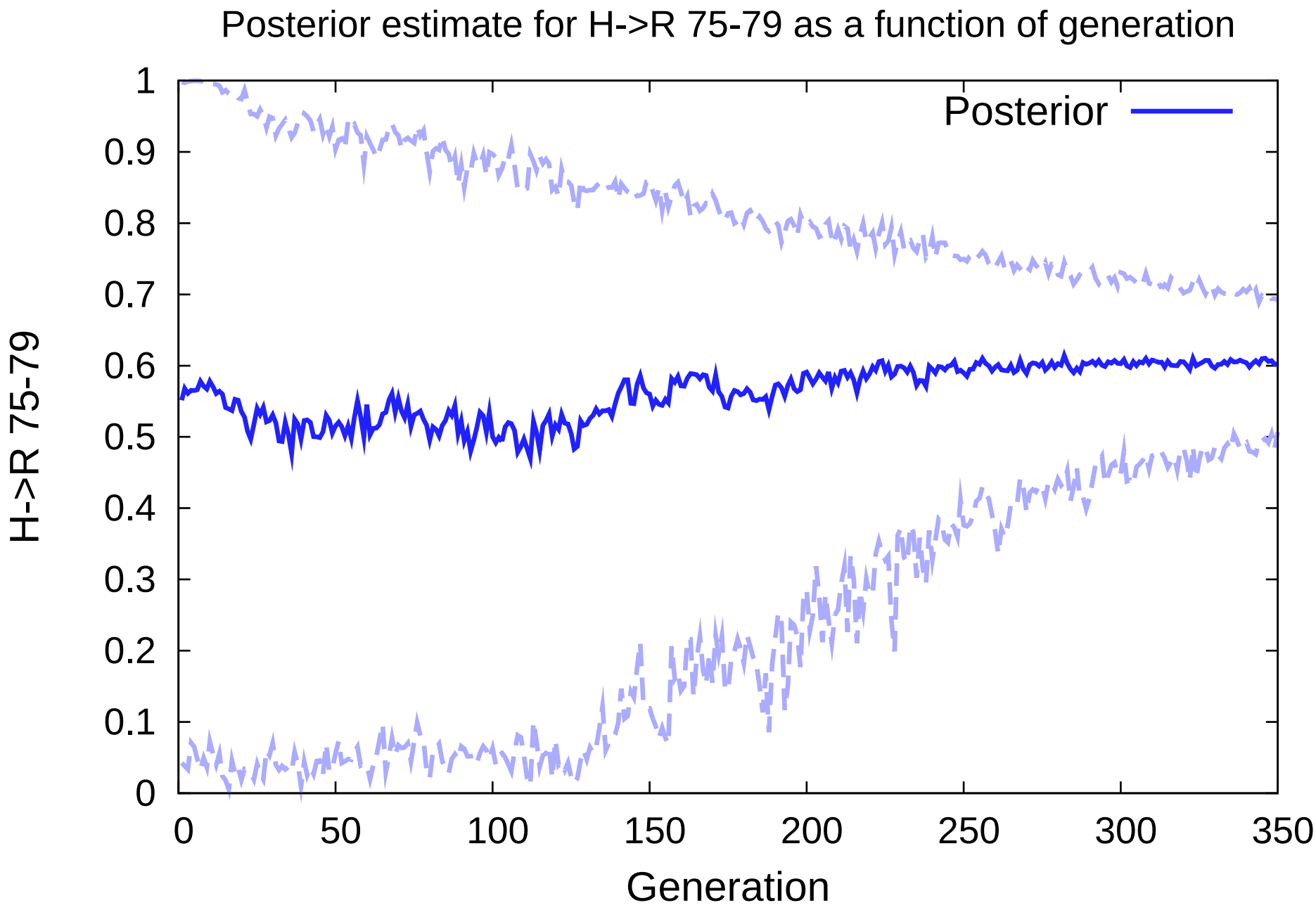

Posterior estimate for H->R 50-54 as a function of generation
Posterior
H->R 50-54
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

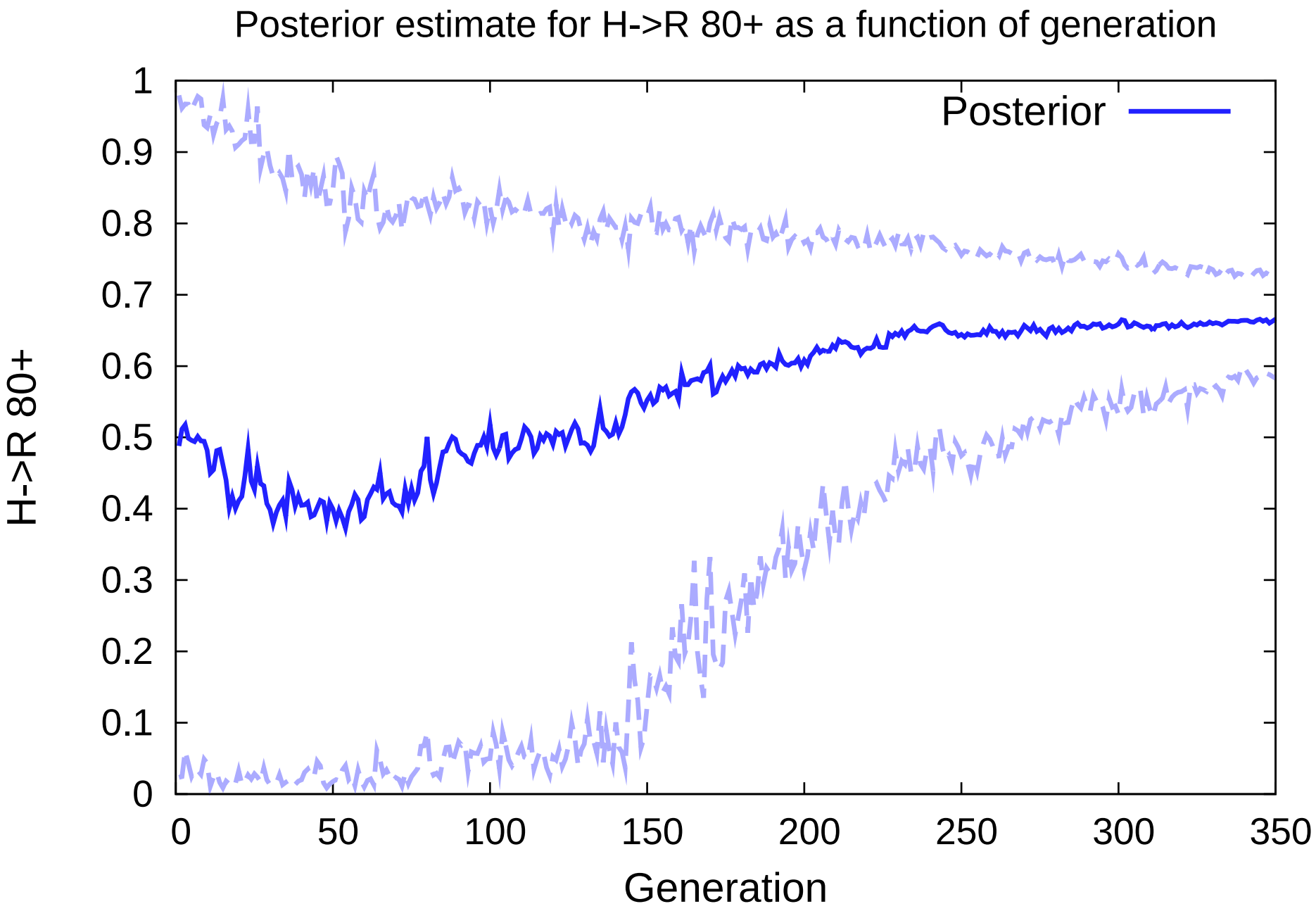

Posterior estimate for H->R 55-59 as a function of generation
Posterior
H->R 55-59
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

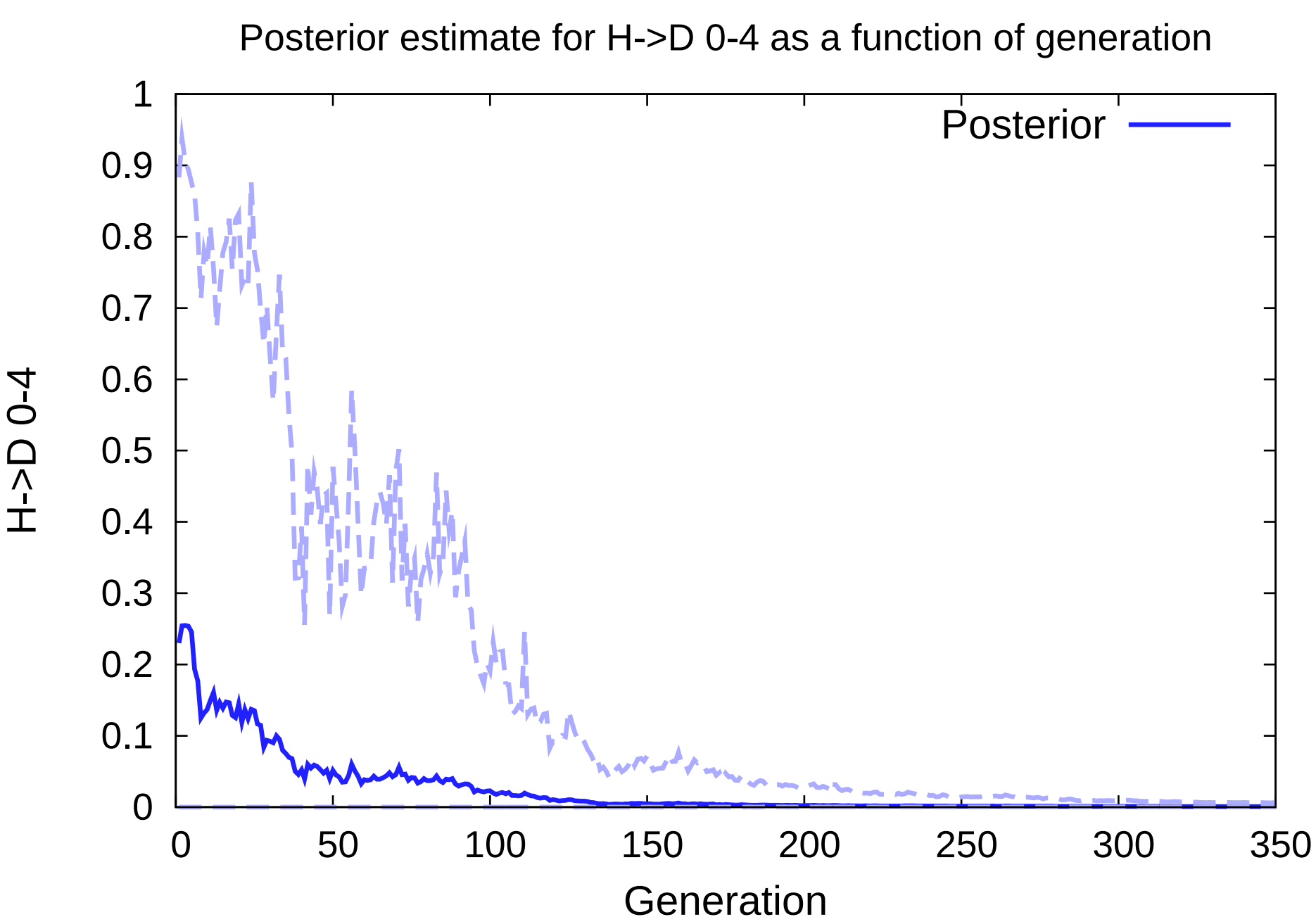

Posterior estimate for H->R 60-64 as a function of generation
Posterior
H->R 60-64
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

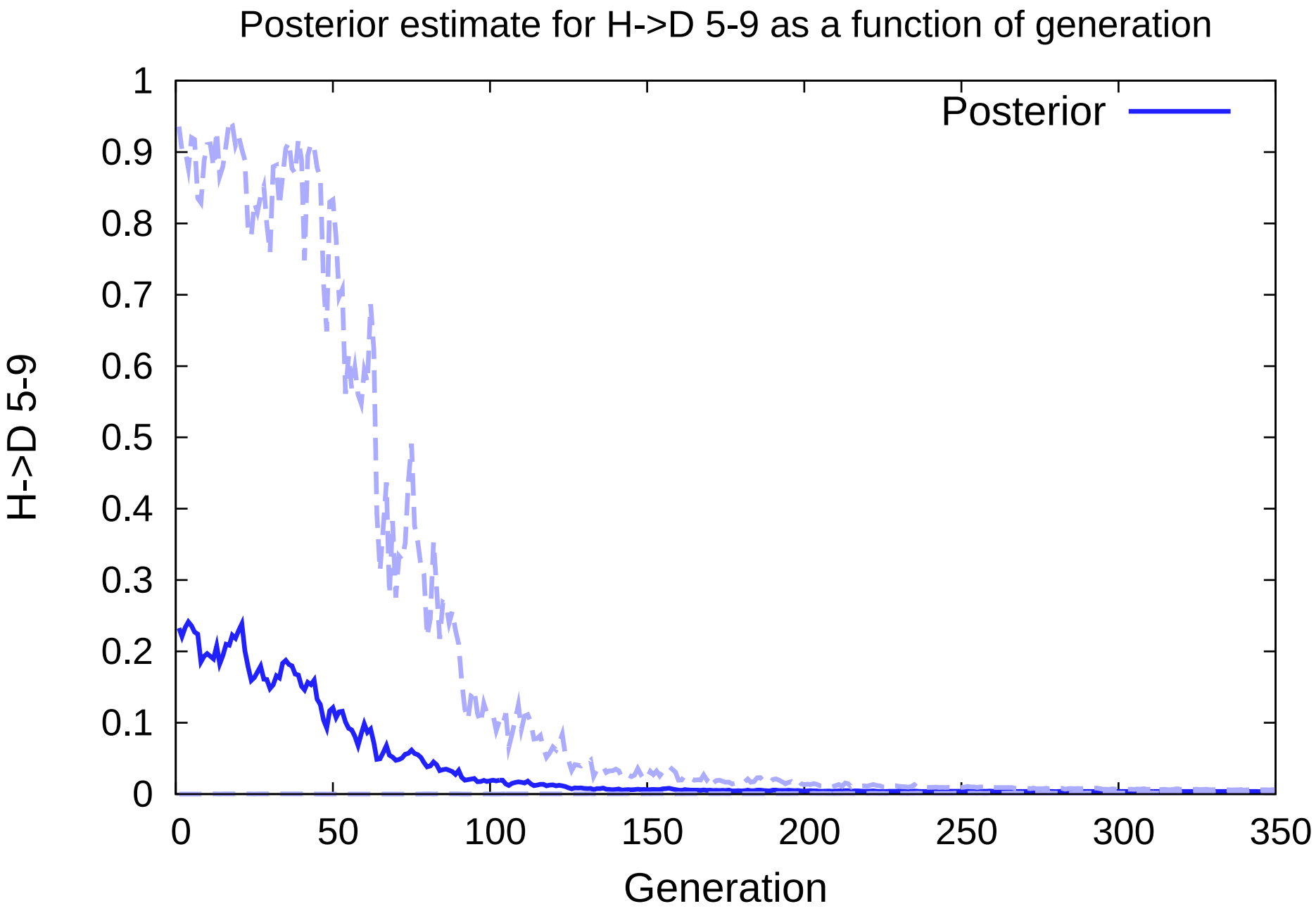

Posterior estimate for H->R 65-69 as a function of generation
Posterior
H->R 65-69
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

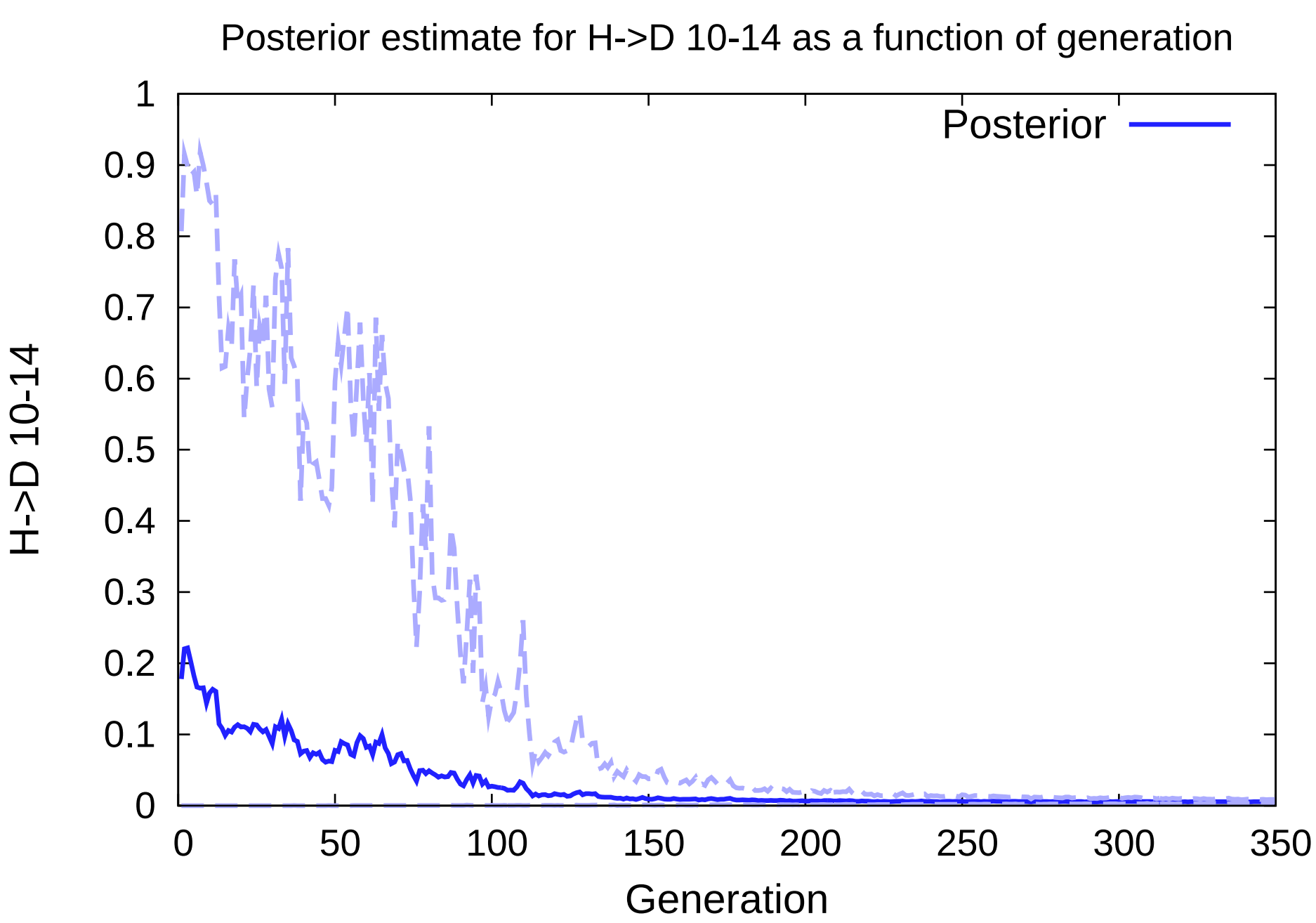

Posterior estimate for H->R 70-74 as a function of generation
Posterior
H->R 70-74
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

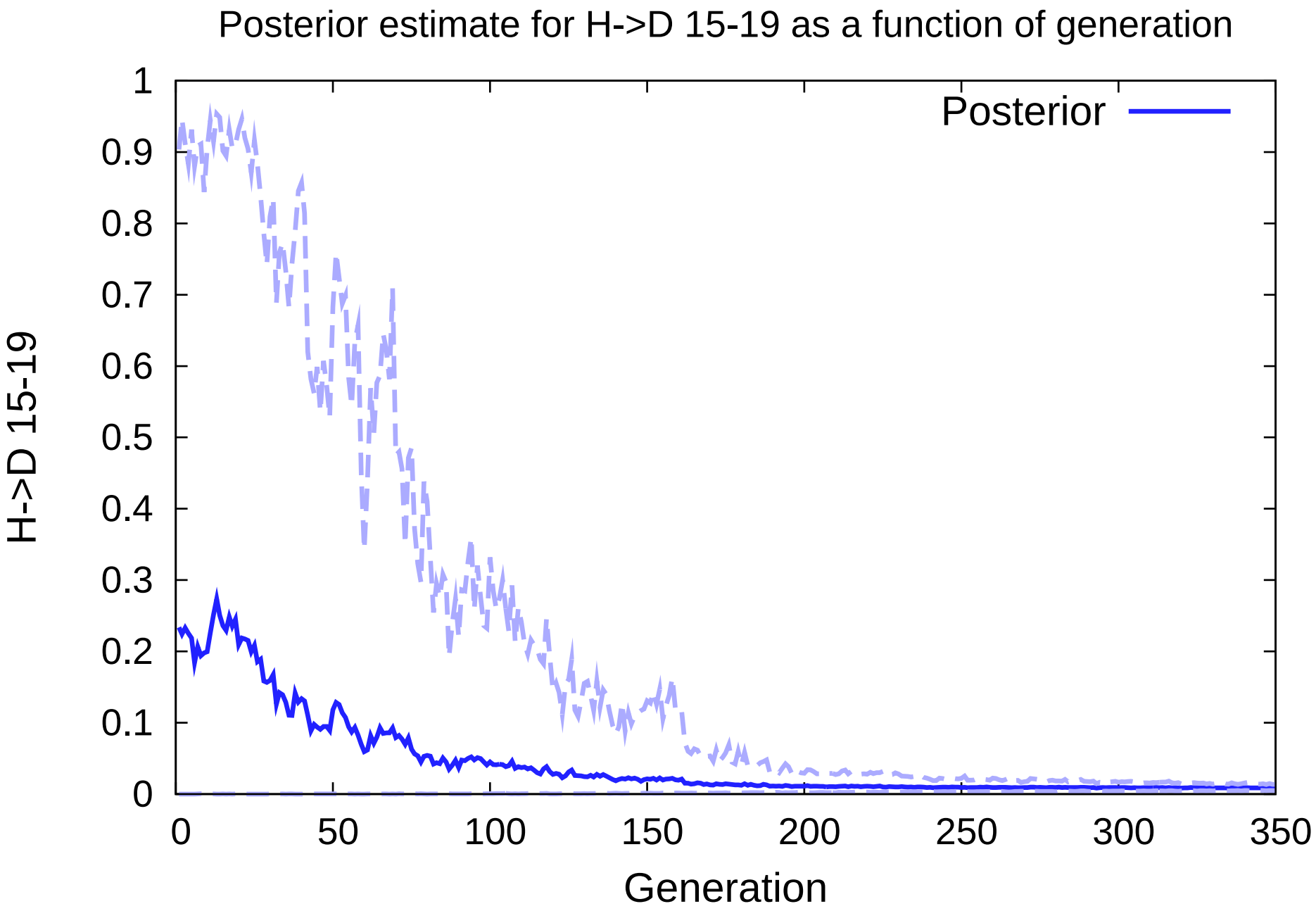

Posterior estimate for H->R 75-79 as a function of generation
Posterior
H->R 75-79
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

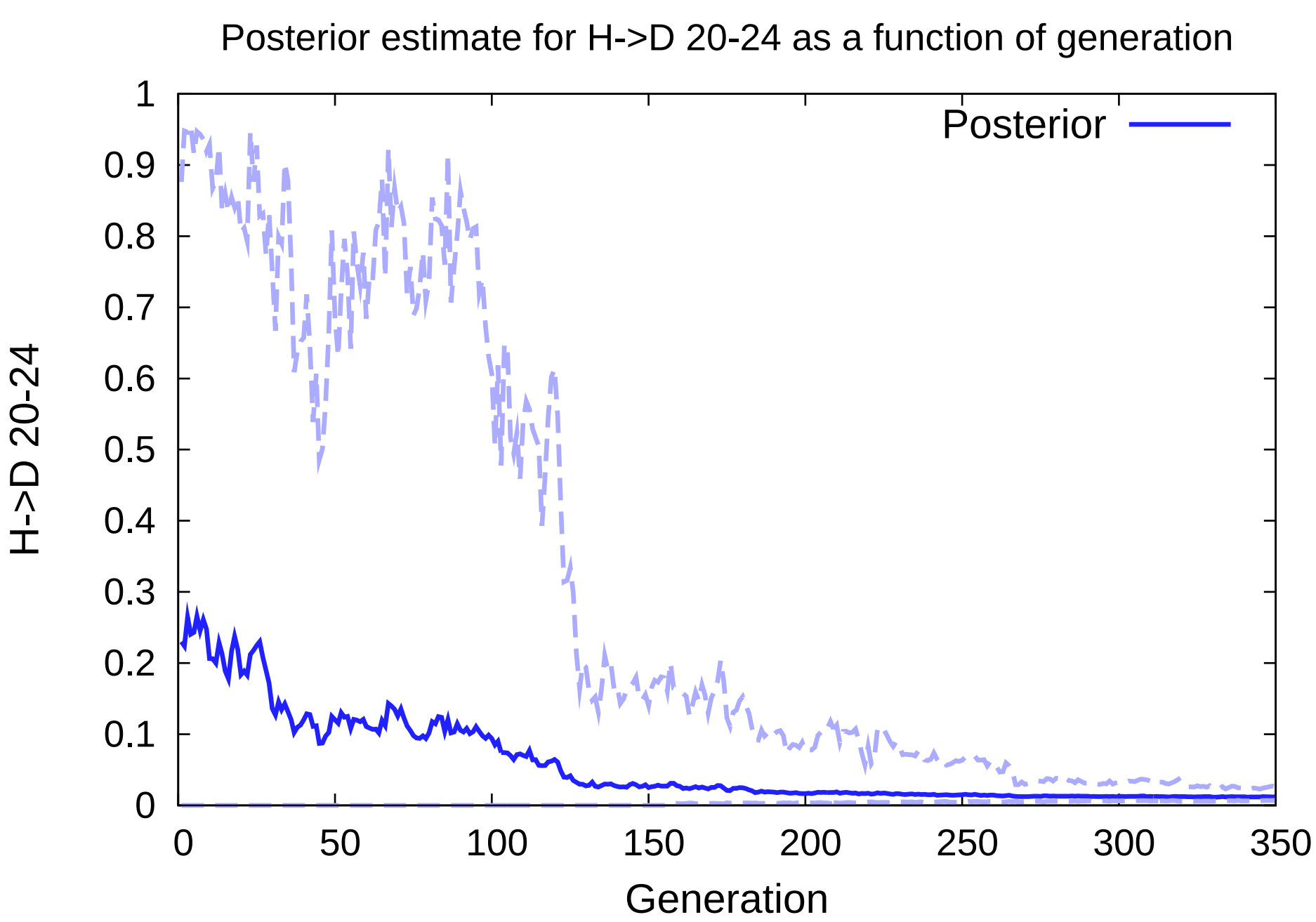

Posterior estimate for H->R 80+ as a function of generation
Posterior
H->R 80+
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

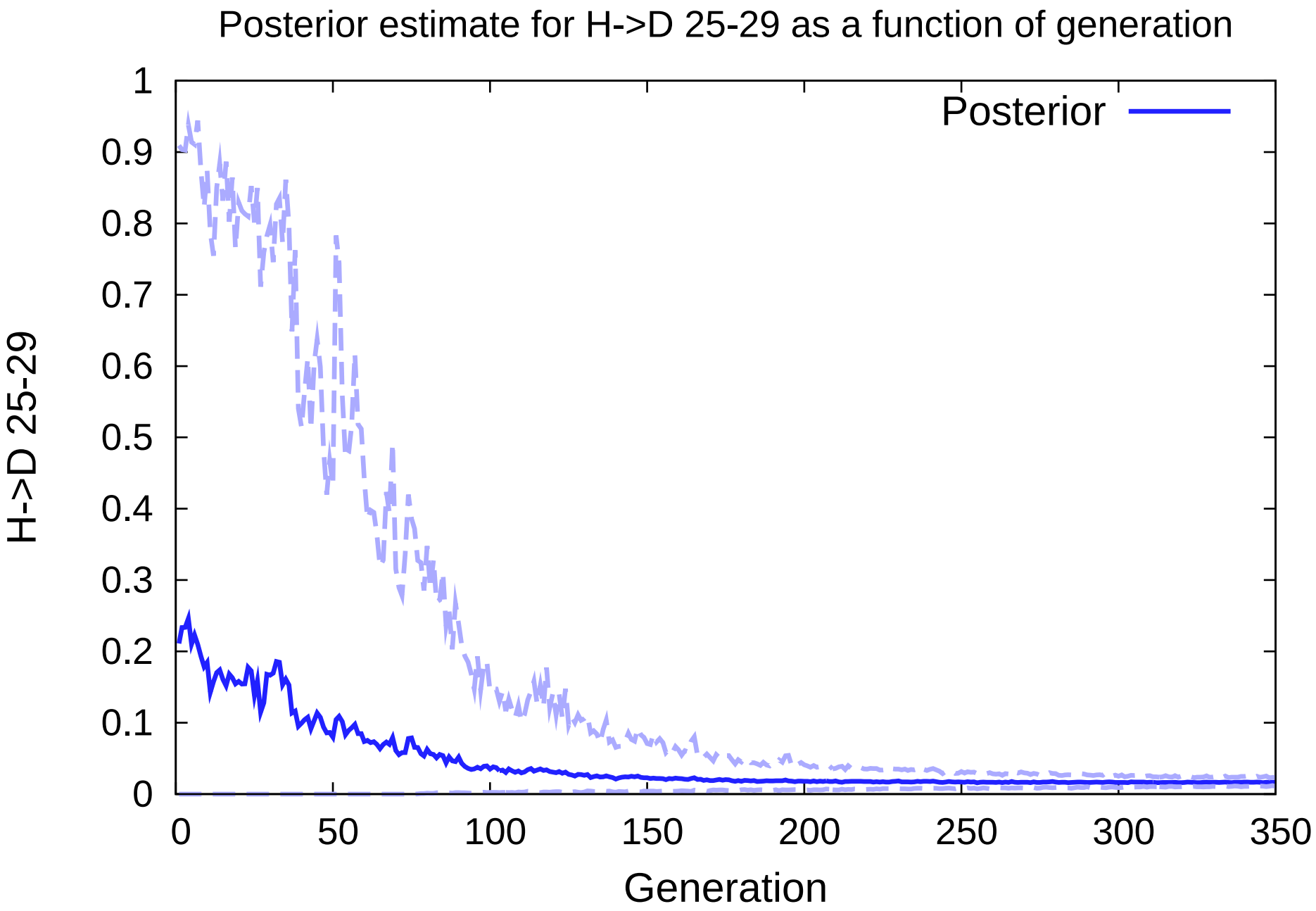

Posterior estimate for H->D 0-4 as a function of generation
Posterior
H->D 0-4
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

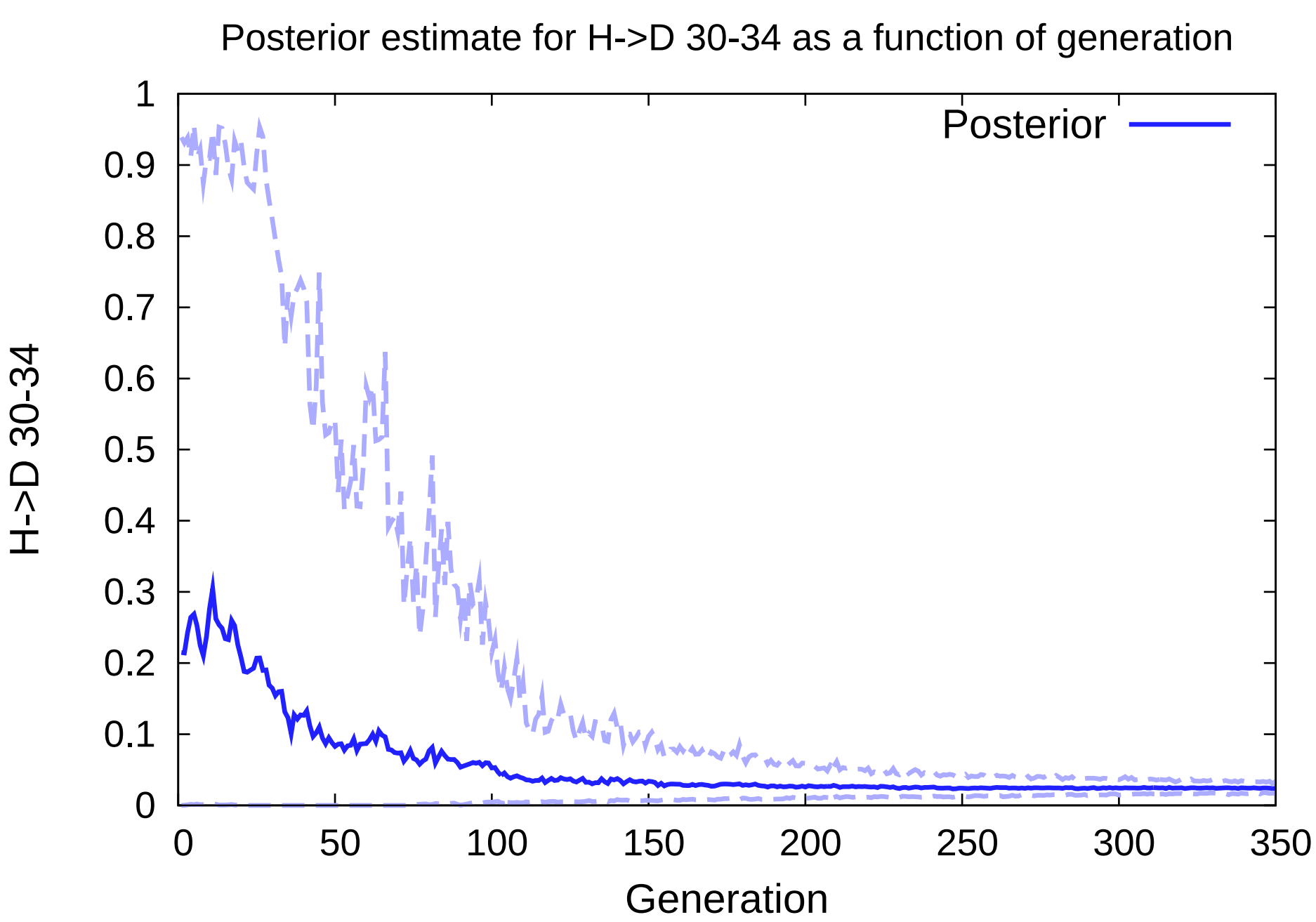

Posterior estimate for H->D 5-9 as a function of generation
Posterior
H->D 5-9
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

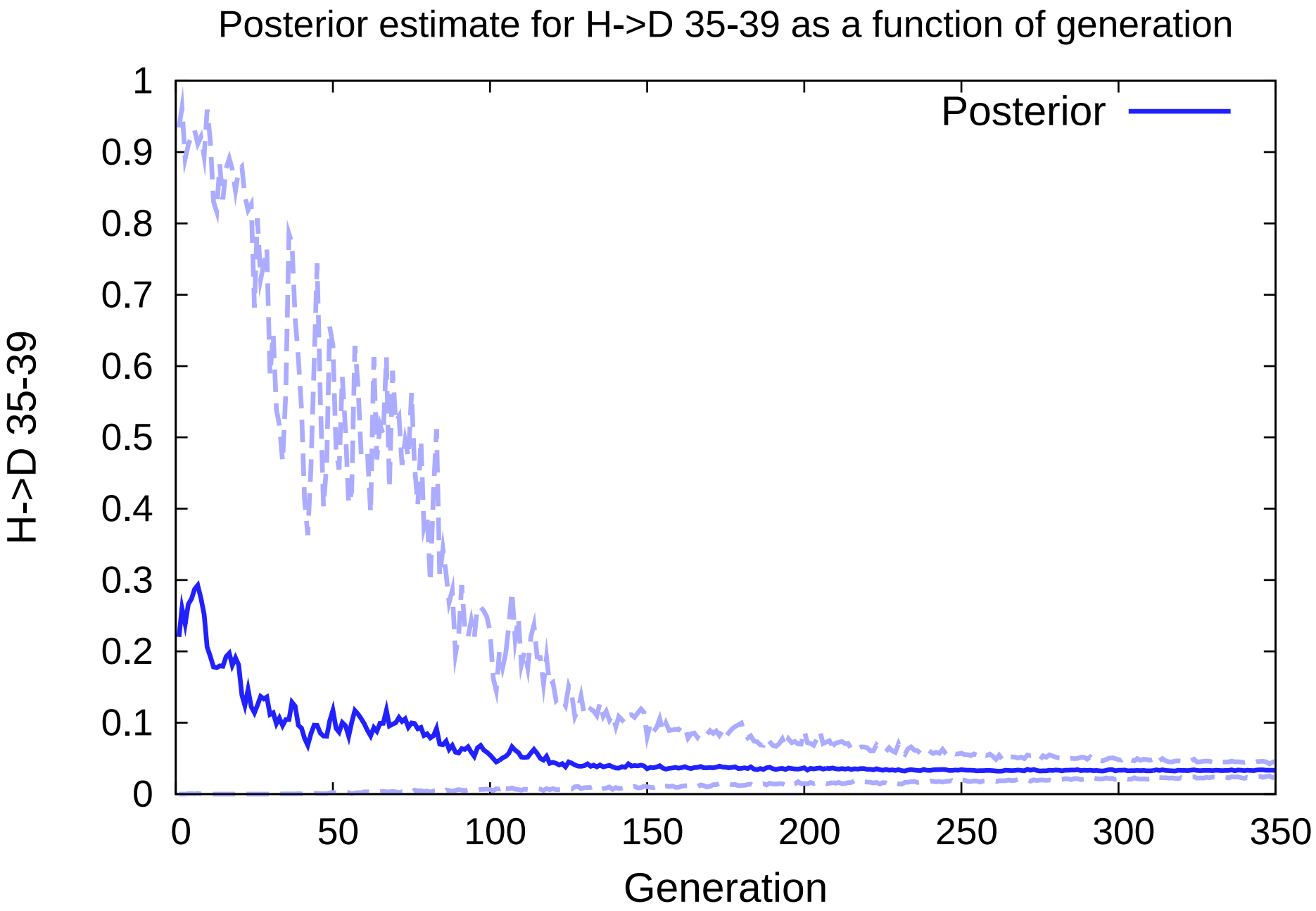

Posterior estimate for H->D 10-14 as a function of generation
Posterior
H->D 10-14
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

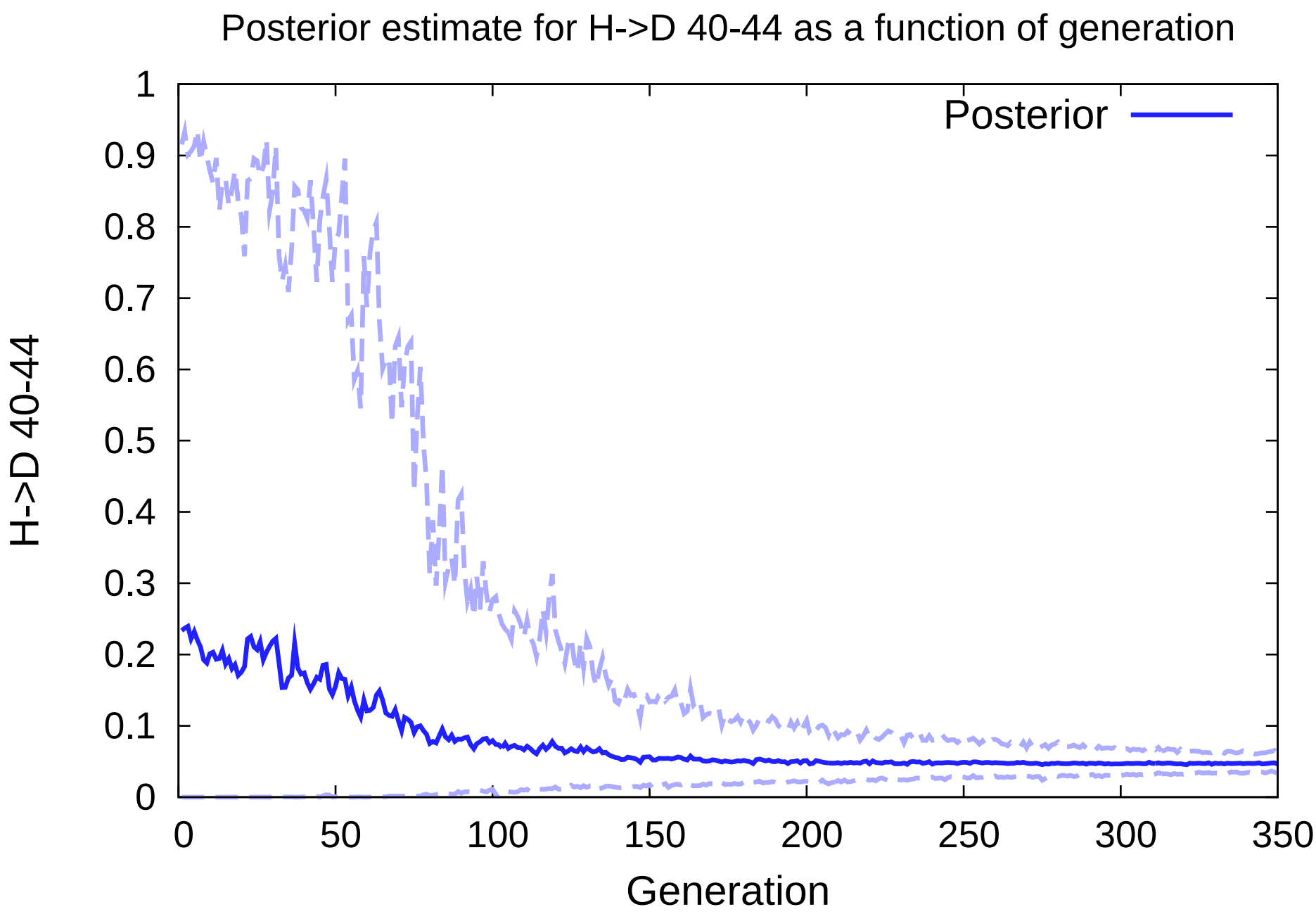

Posterior estimate for H->D 15-19 as a function of generation
Posterior
H->D 15-19
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

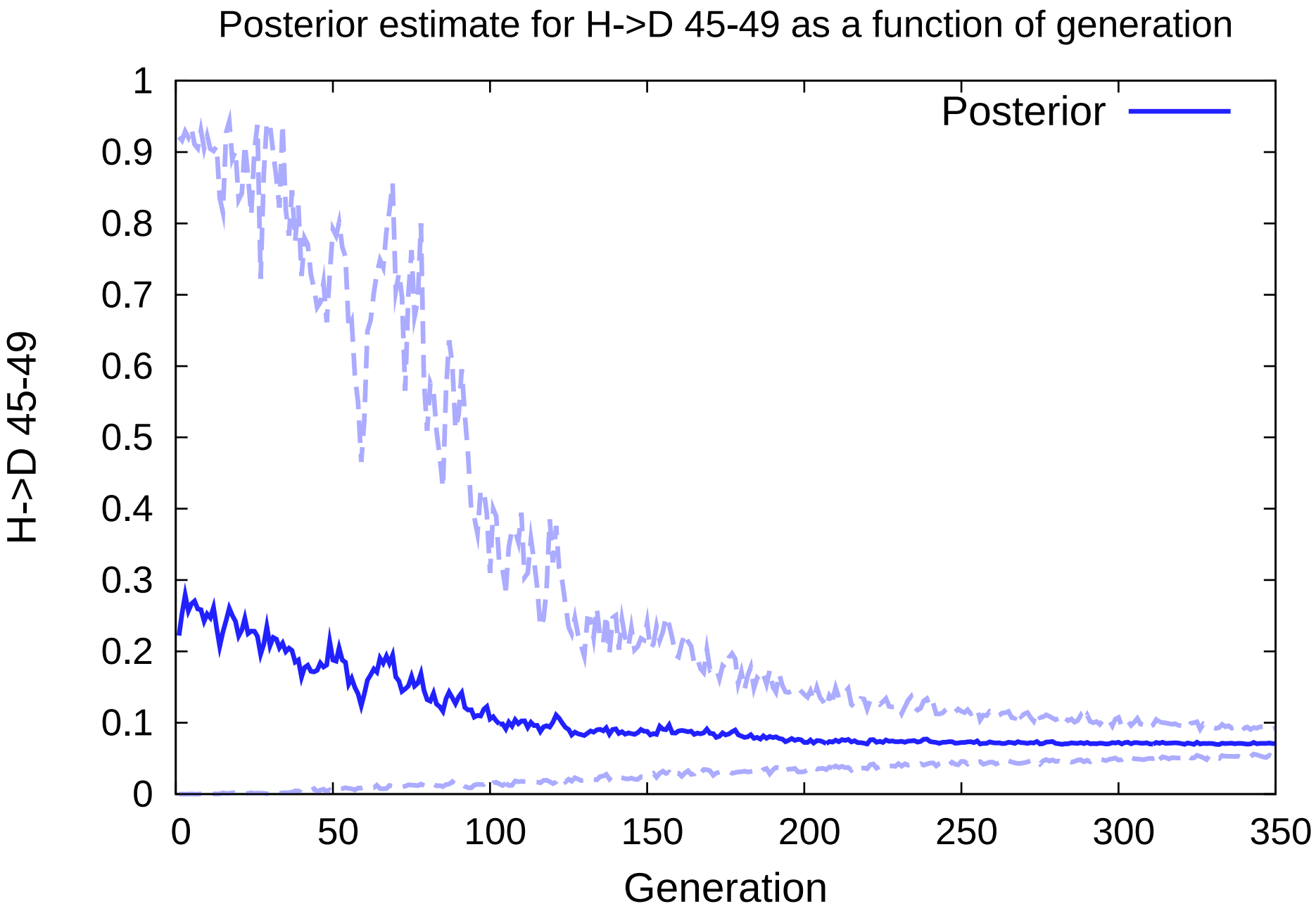

Posterior estimate for H->D 20-24 as a function of generation
Posterior
H->D 20-24
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

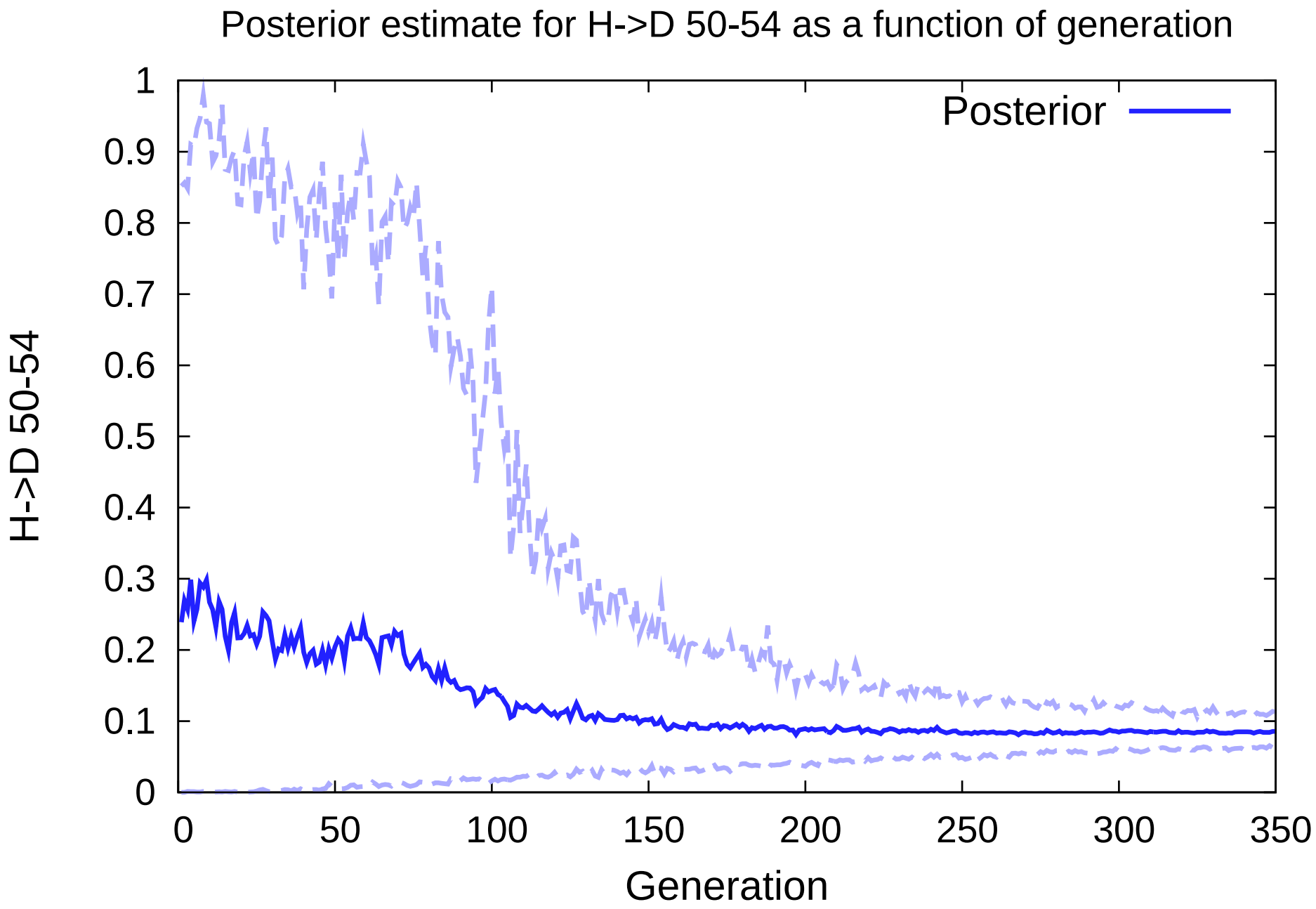

Posterior estimate for H->D 25-29 as a function of generation
Posterior
H->D 25-29
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

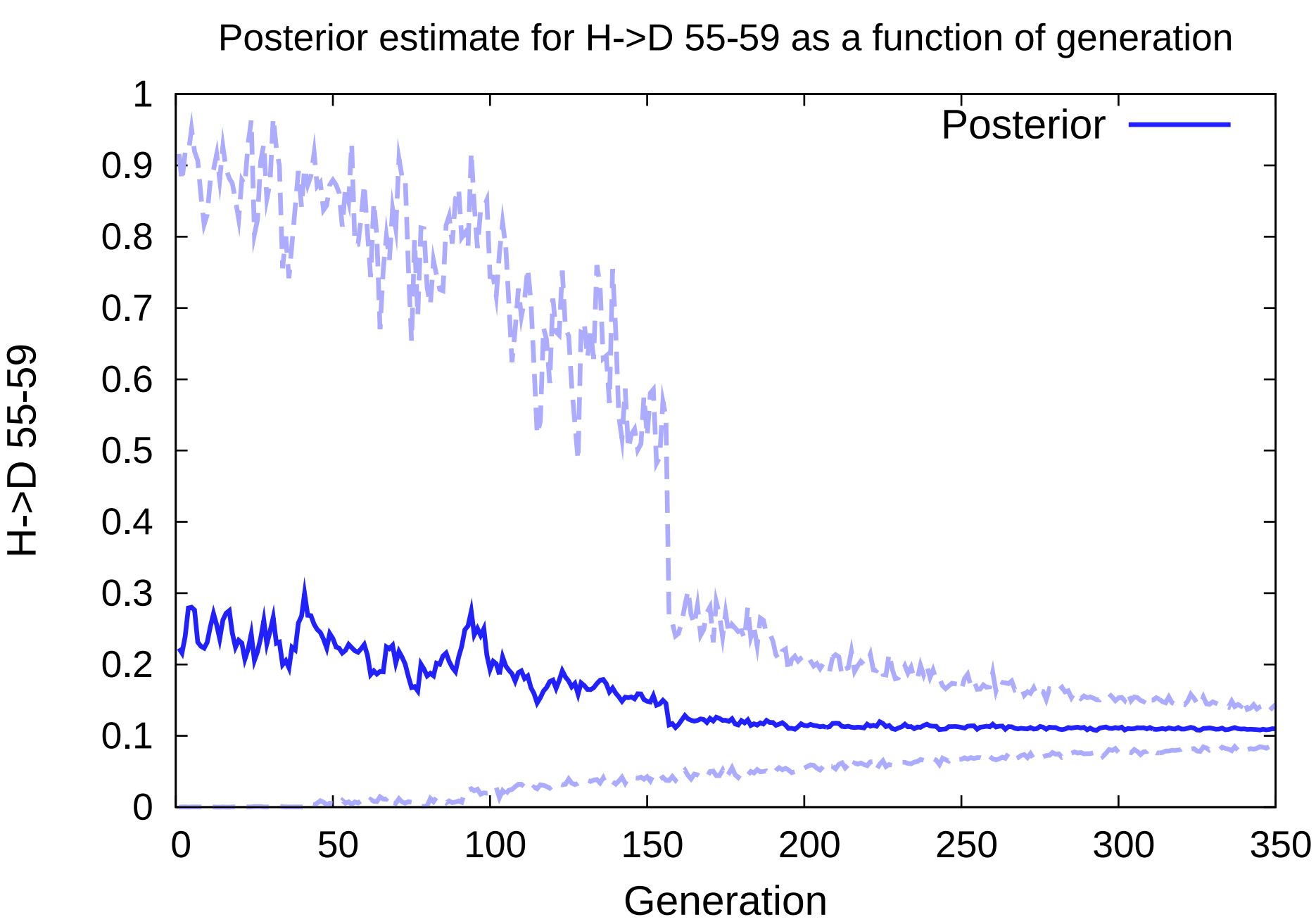

Posterior estimate for H->D 30-34 as a function of generation
Posterior
H->D 30-34
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

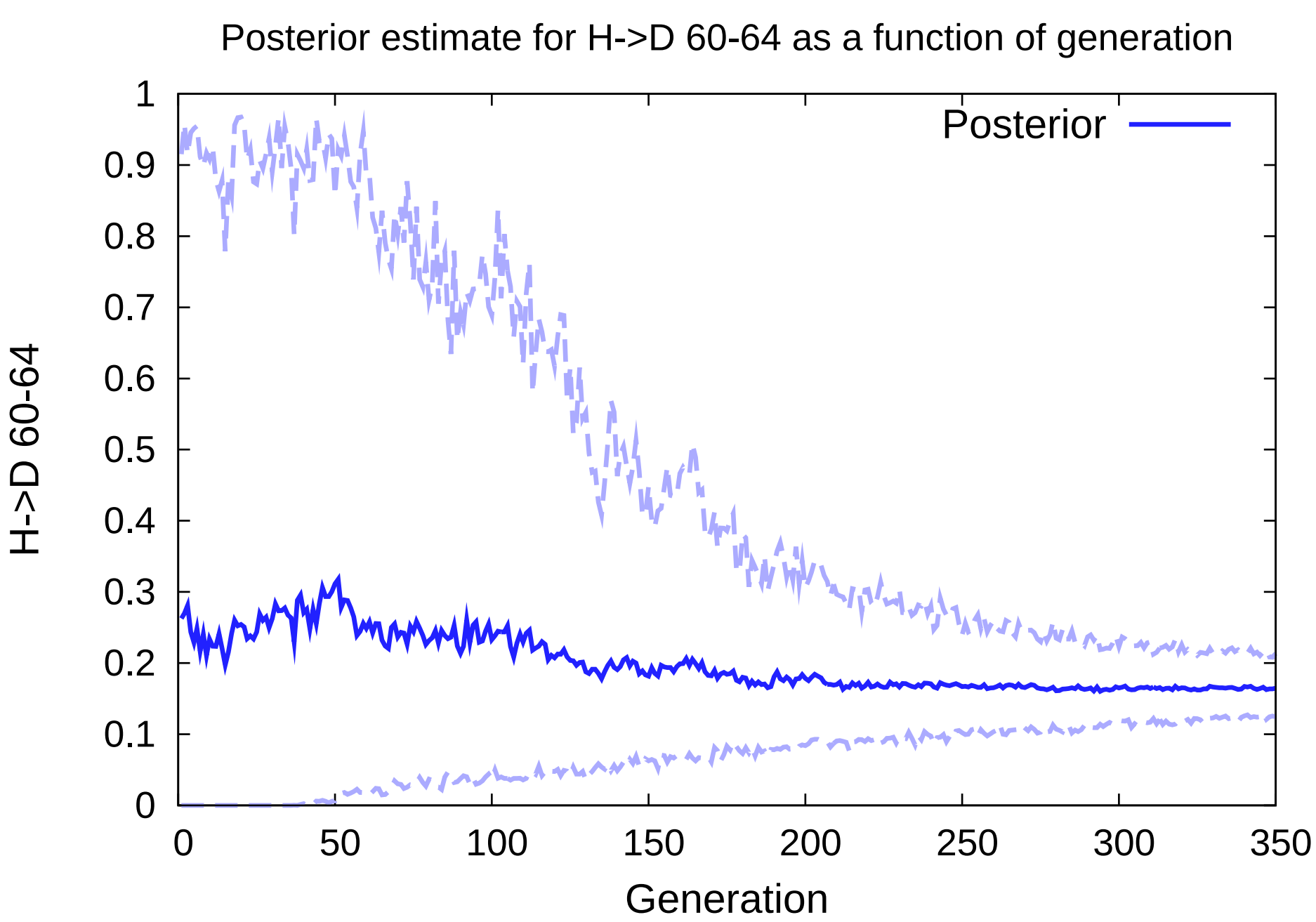

Posterior estimate for H->D 35-39 as a function of generation
Posterior
H->D 35-39
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

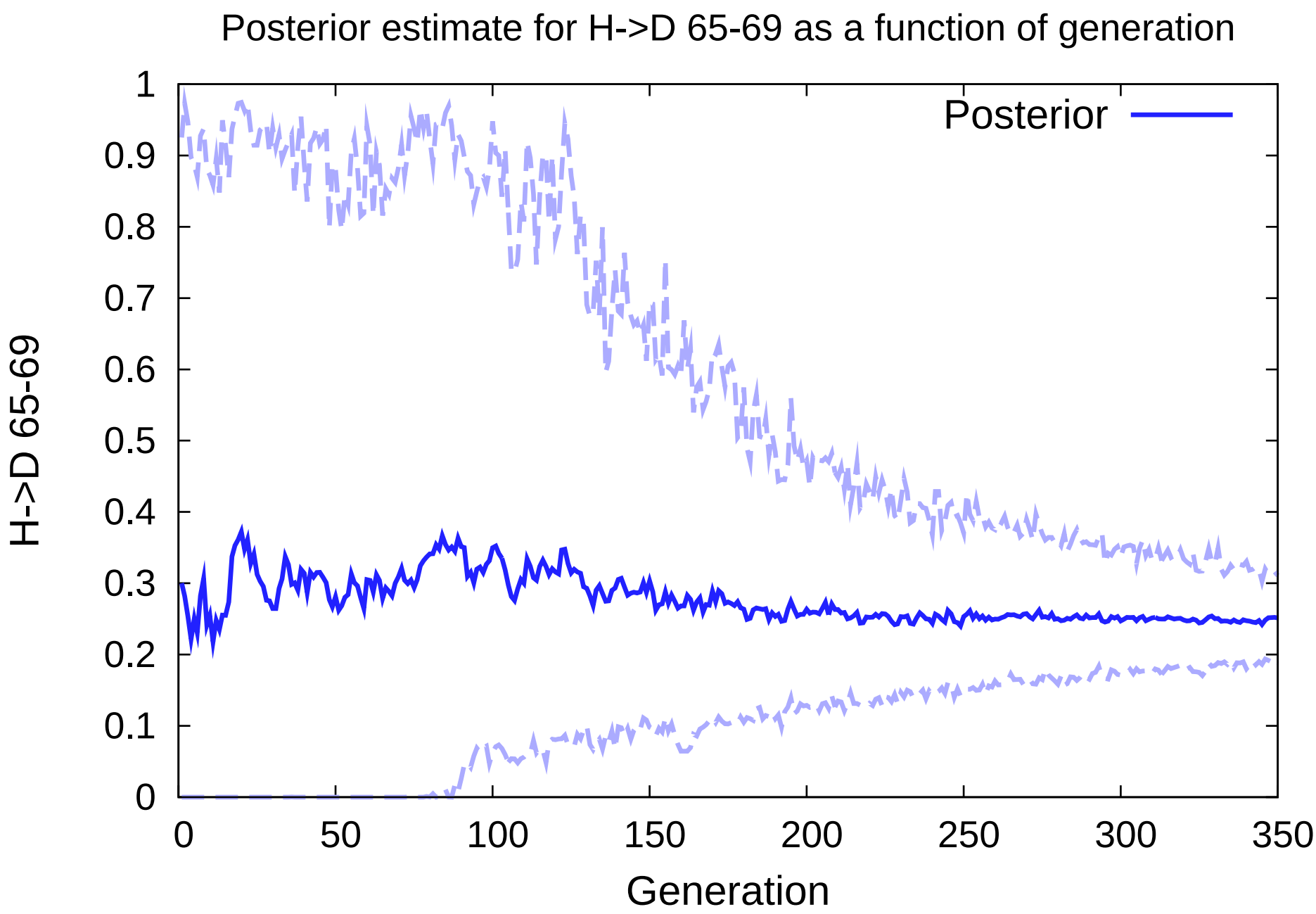

Posterior estimate for H->D 40-44 as a function of generation
Posterior
H->D 40-44
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

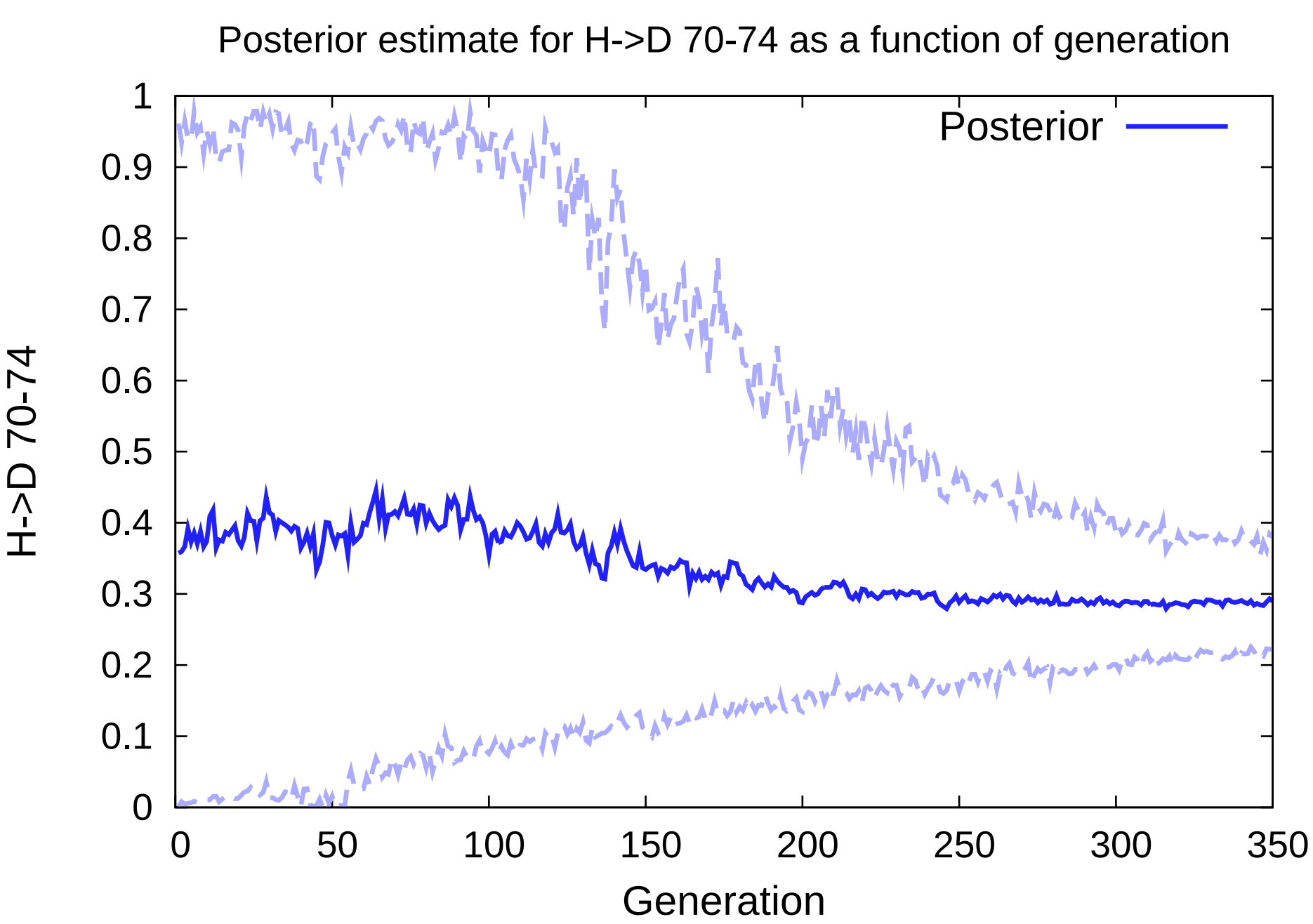

Posterior estimate for H->D 45-49 as a function of generation
Posterior
H->D 45-49
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

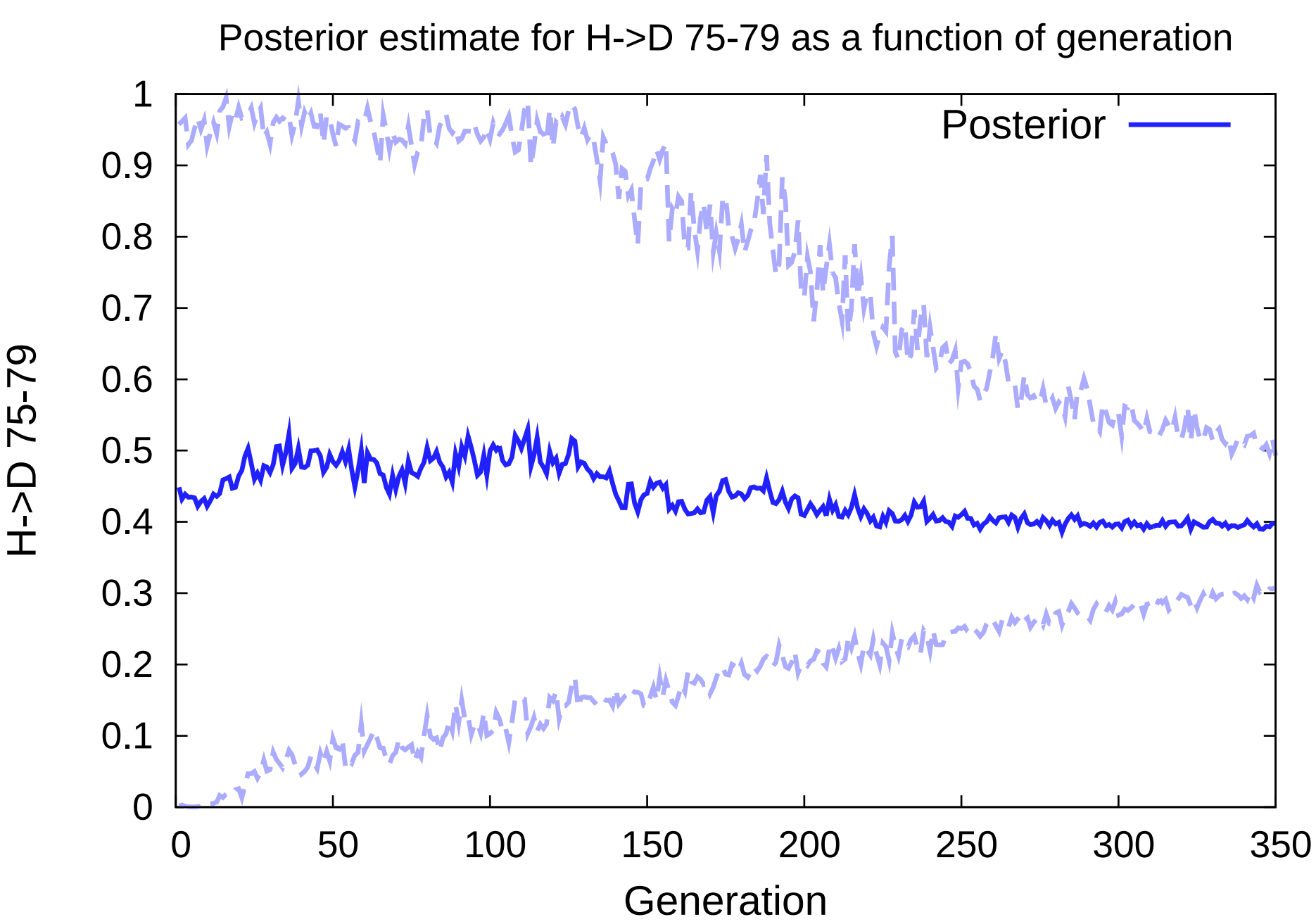

Posterior estimate for H->D 50-54 as a function of generation
Posterior
H->D 50-54
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

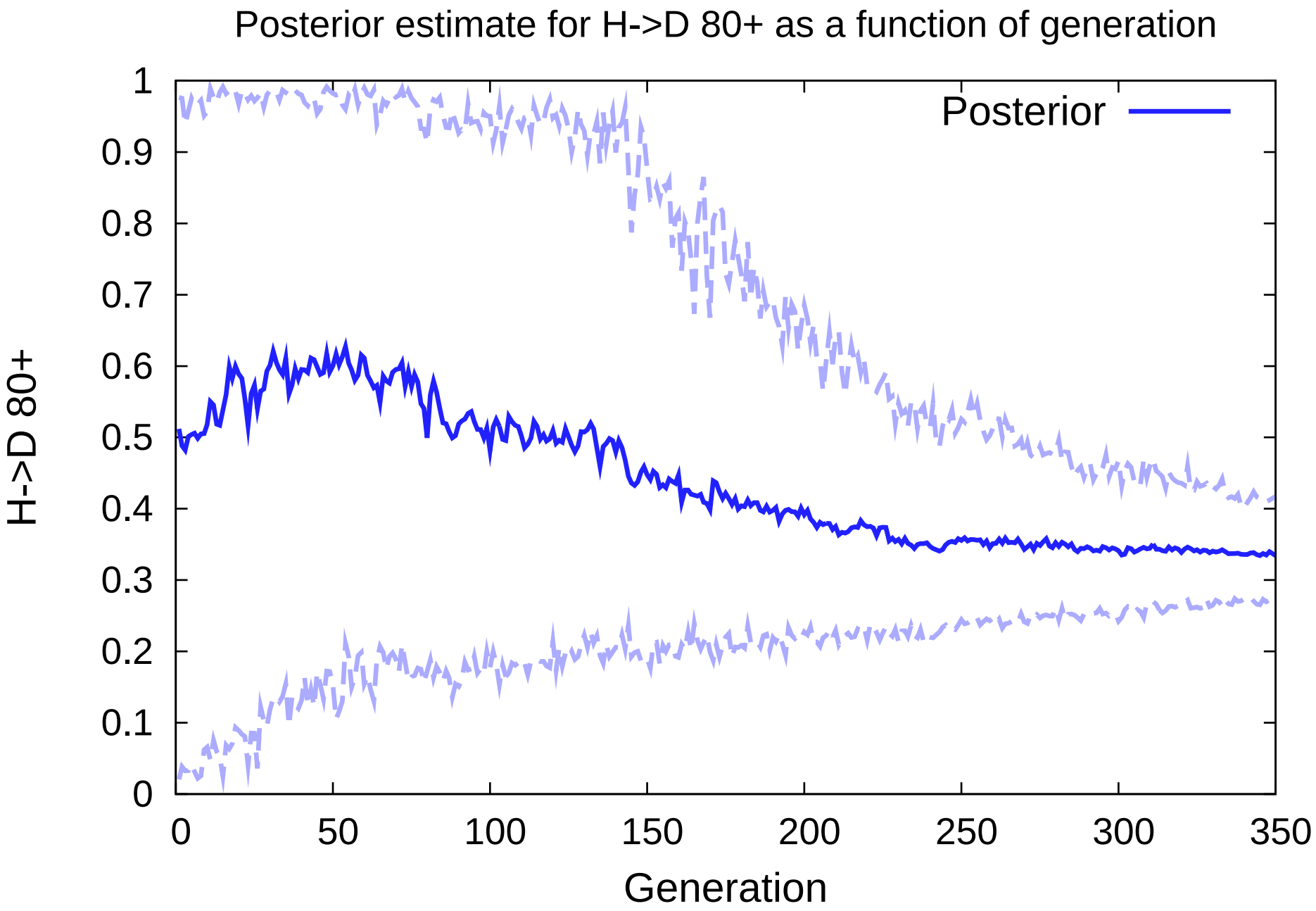

Posterior estimate for H->D 55-59 as a function of generation
Posterior
H->D 55-59
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

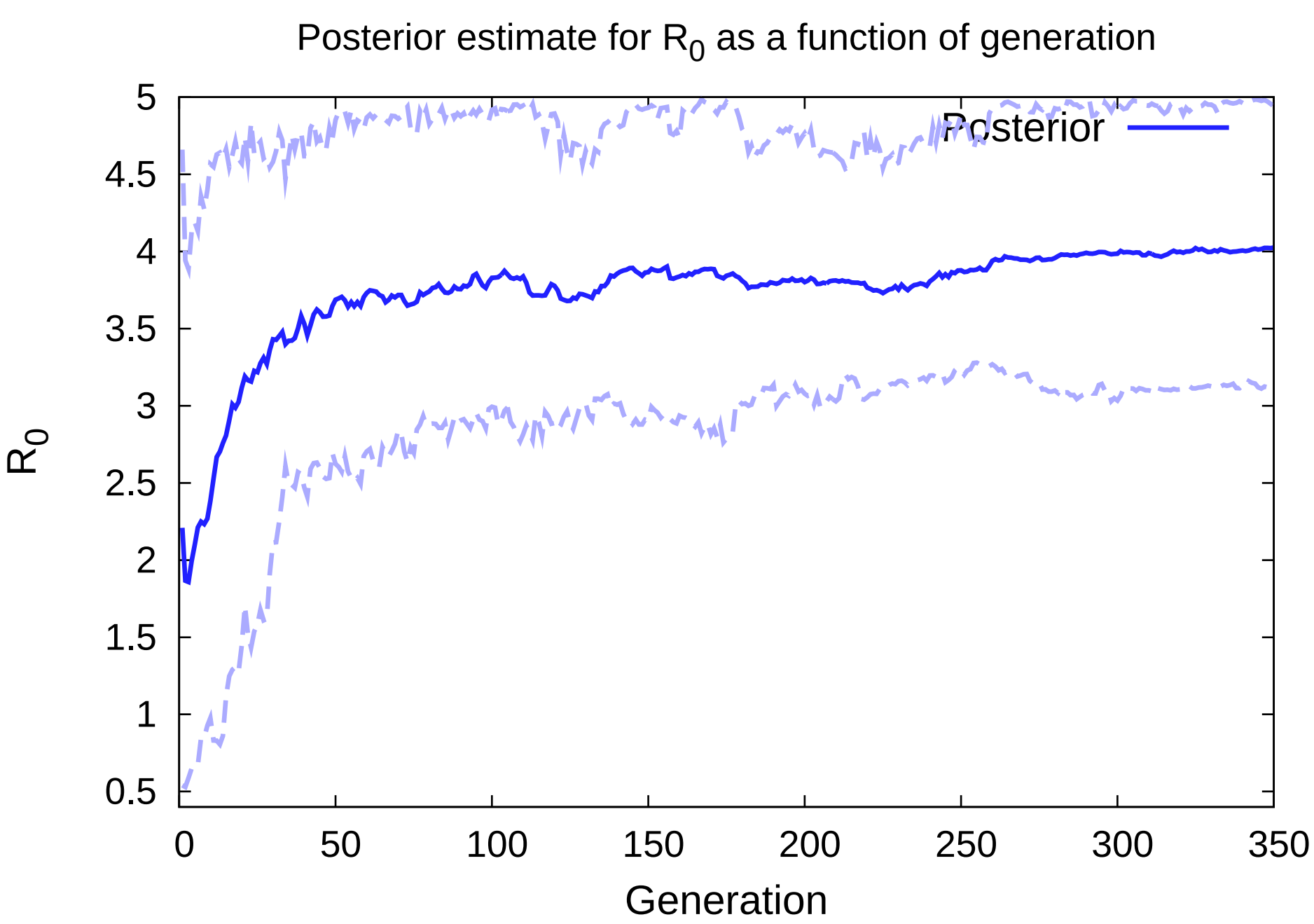

Posterior estimate for H->D 60-64 as a function of generation
Posterior
H->D 60-64
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

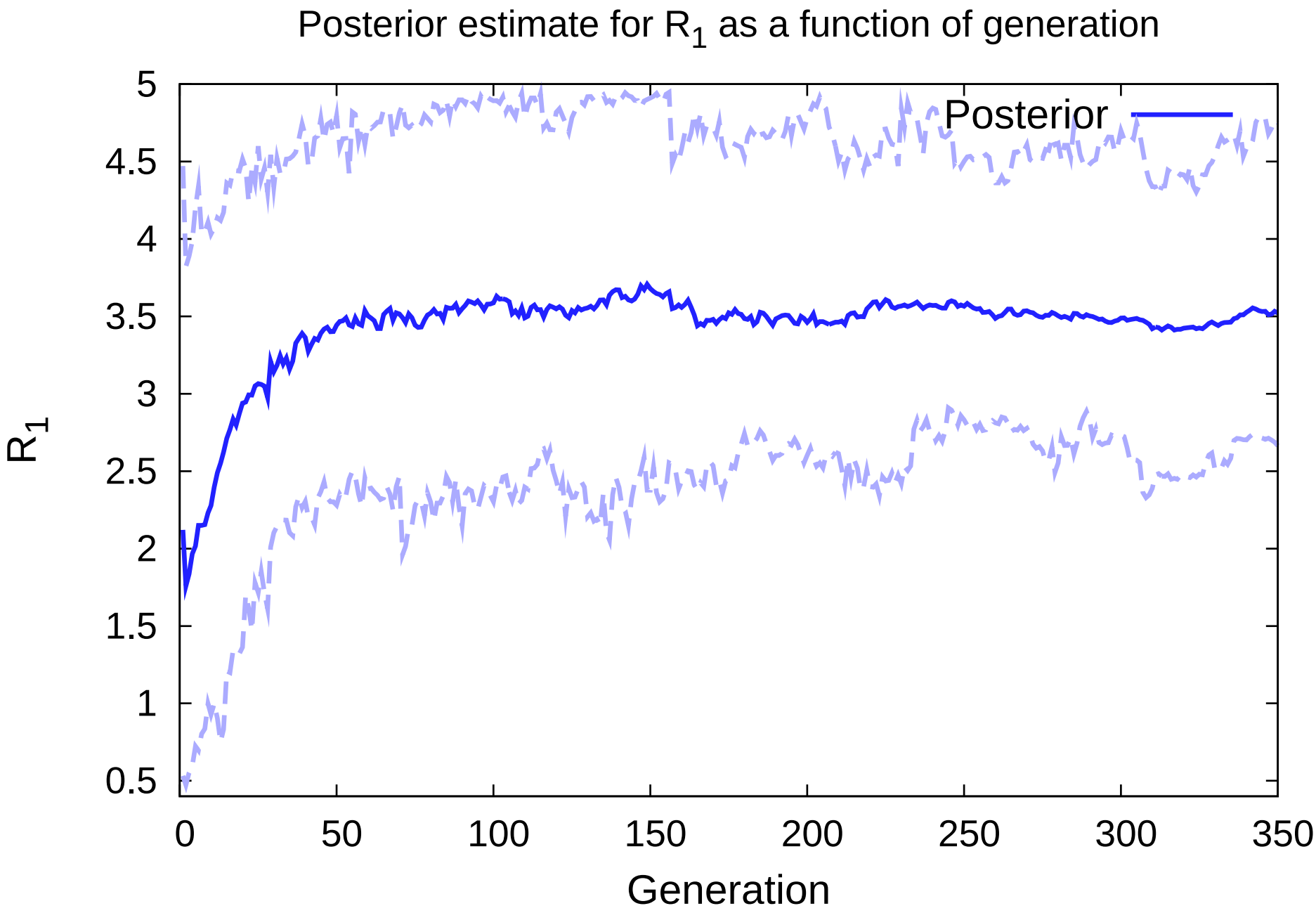

Posterior estimate for H->D 65-69 as a function of generation
Posterior
H->D 65-69
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

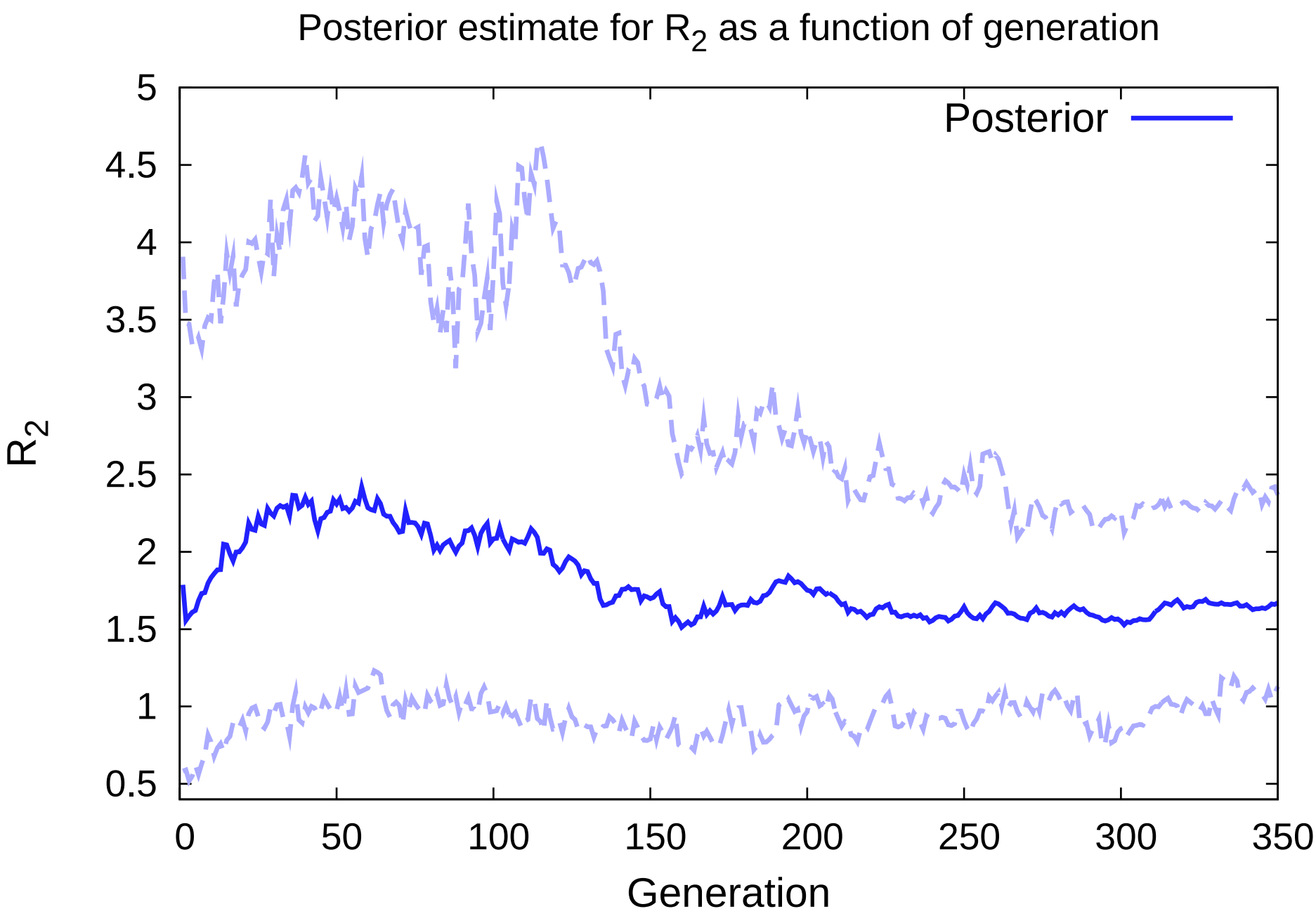

Posterior estimate for H->D 70-74 as a function of generation
Posterior
H->D 70-74
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

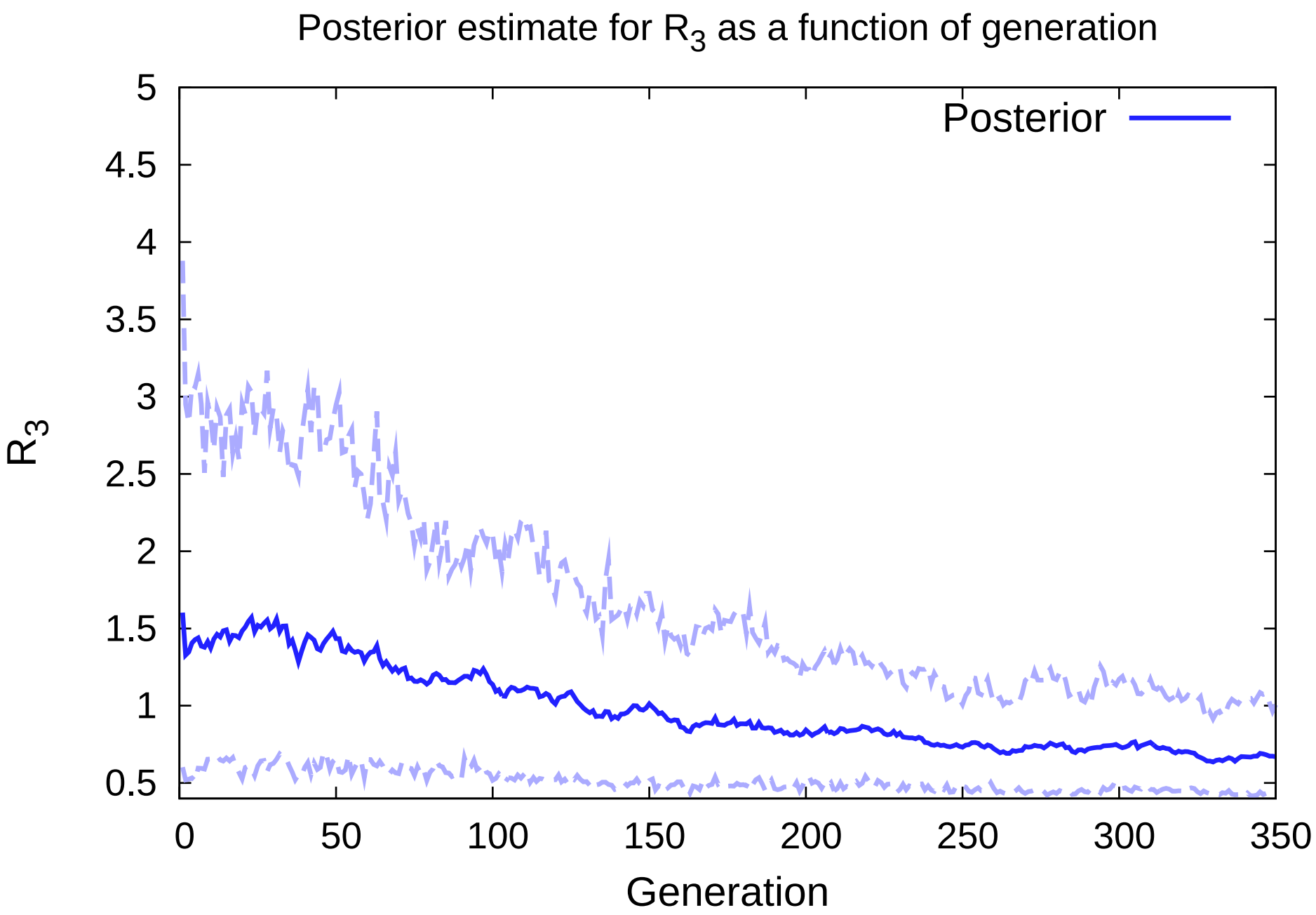

Posterior estimate for H->D 75-79 as a function of generation
Posterior
H->D 75-79
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

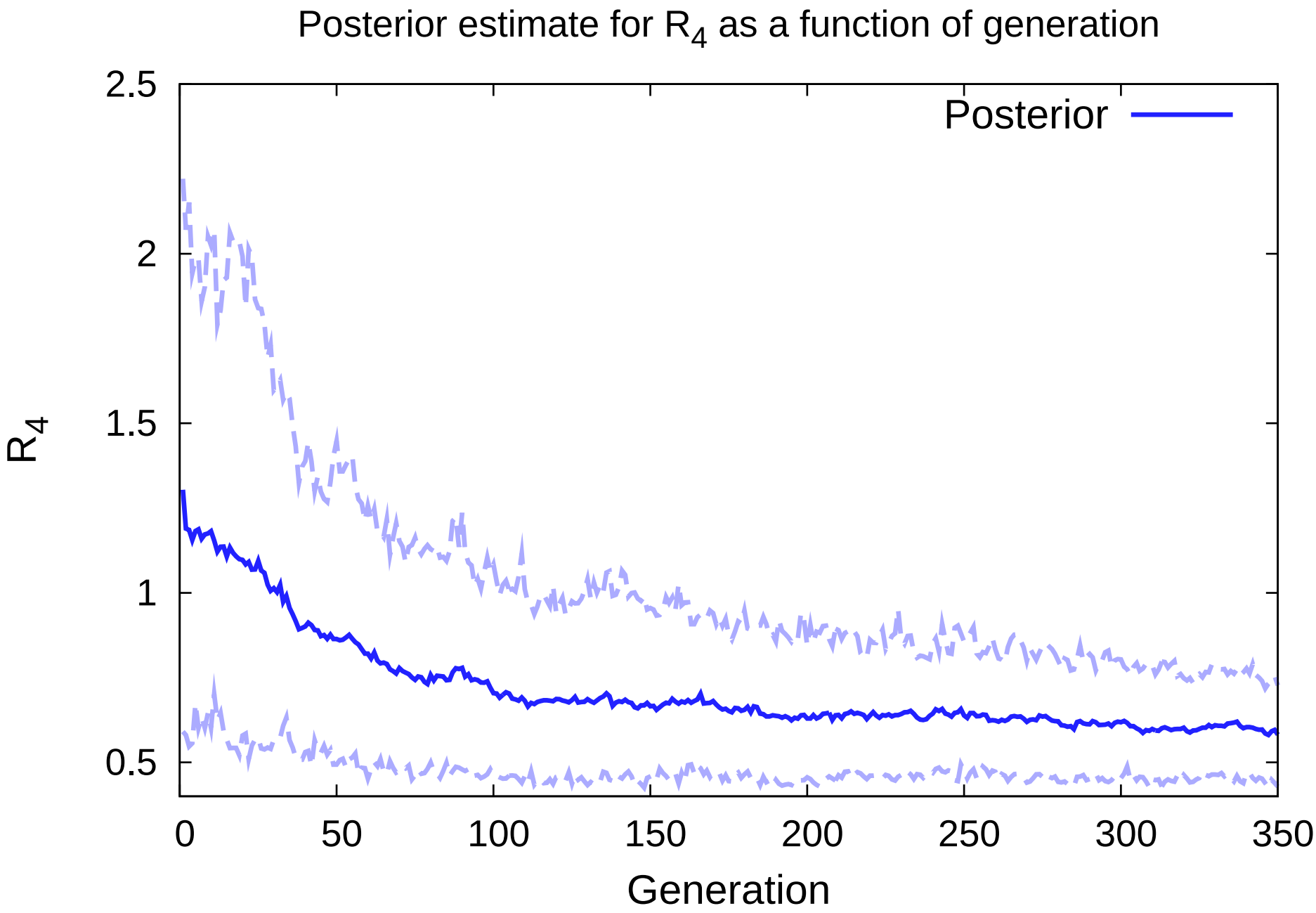

Posterior estimate for H->D 80+ as a function of generation
Posterior
H->D 80+
Generation
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350

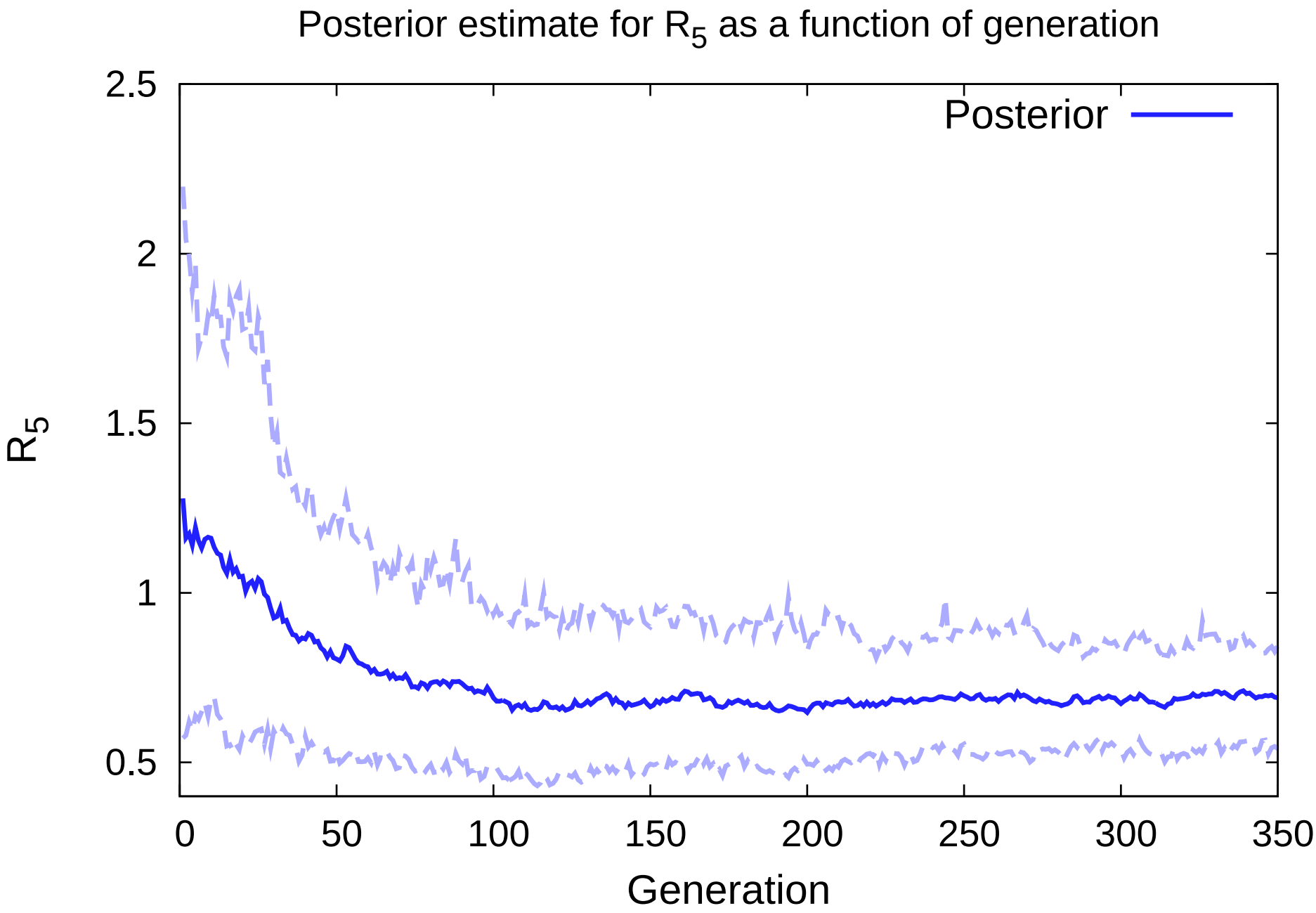

Posterior estimate for R_0 as a function of generation
Posterior
R_0
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

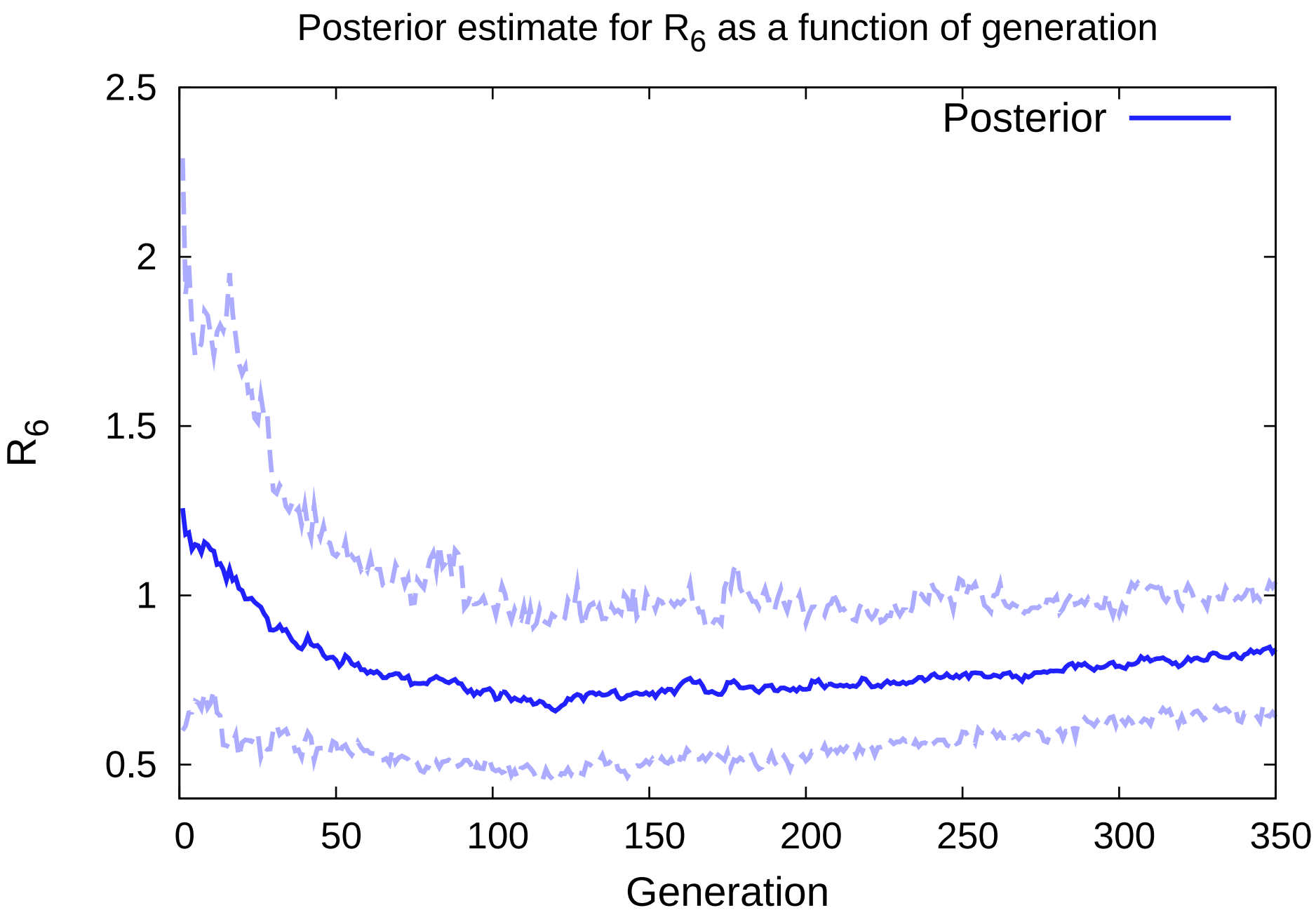

Posterior estimate for R_1 as a function of generation
Posterior
R_1
Generation
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350

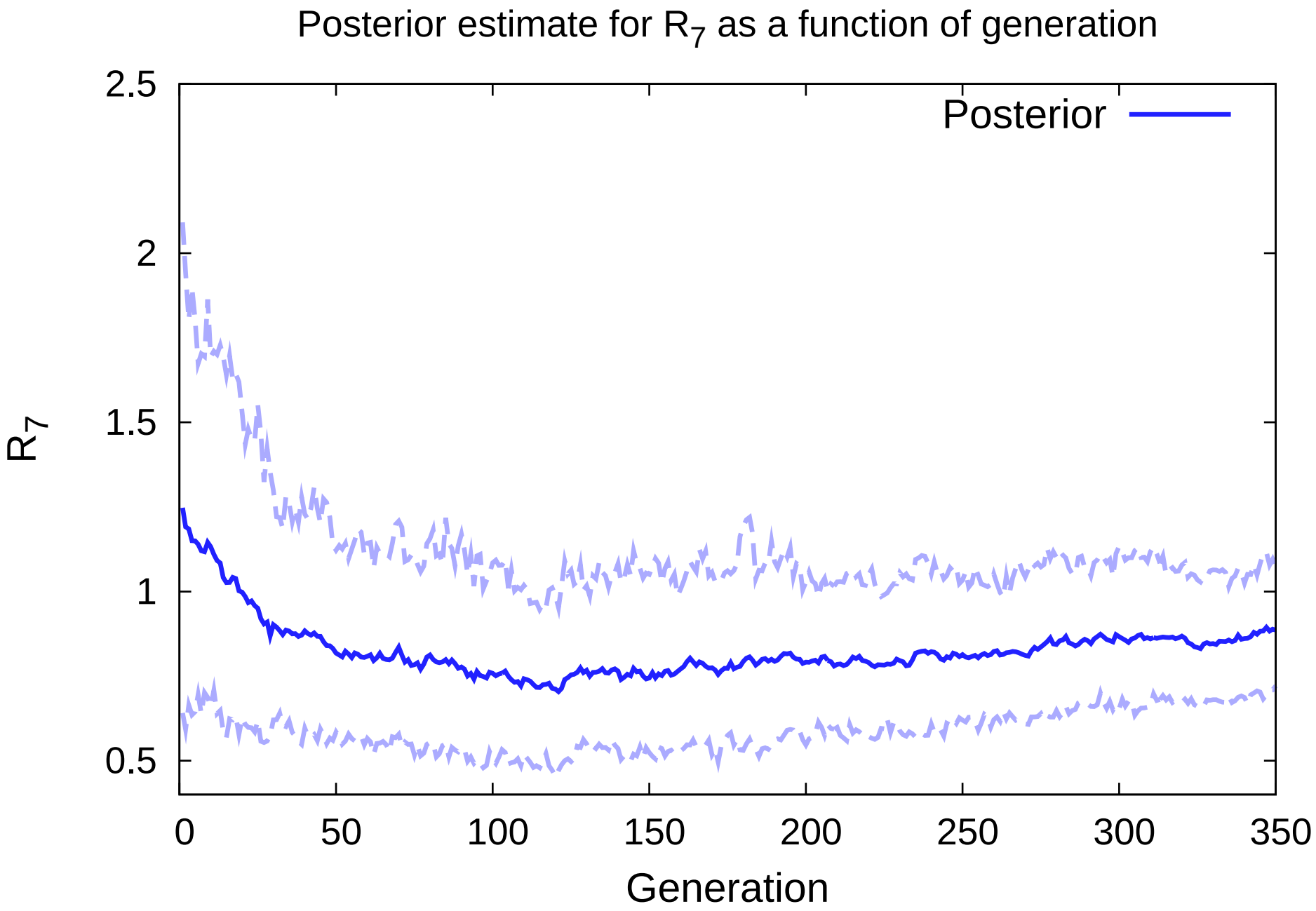

Posterior estimate for R_2 as a function of generation
Posterior
R_2
Generation
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350

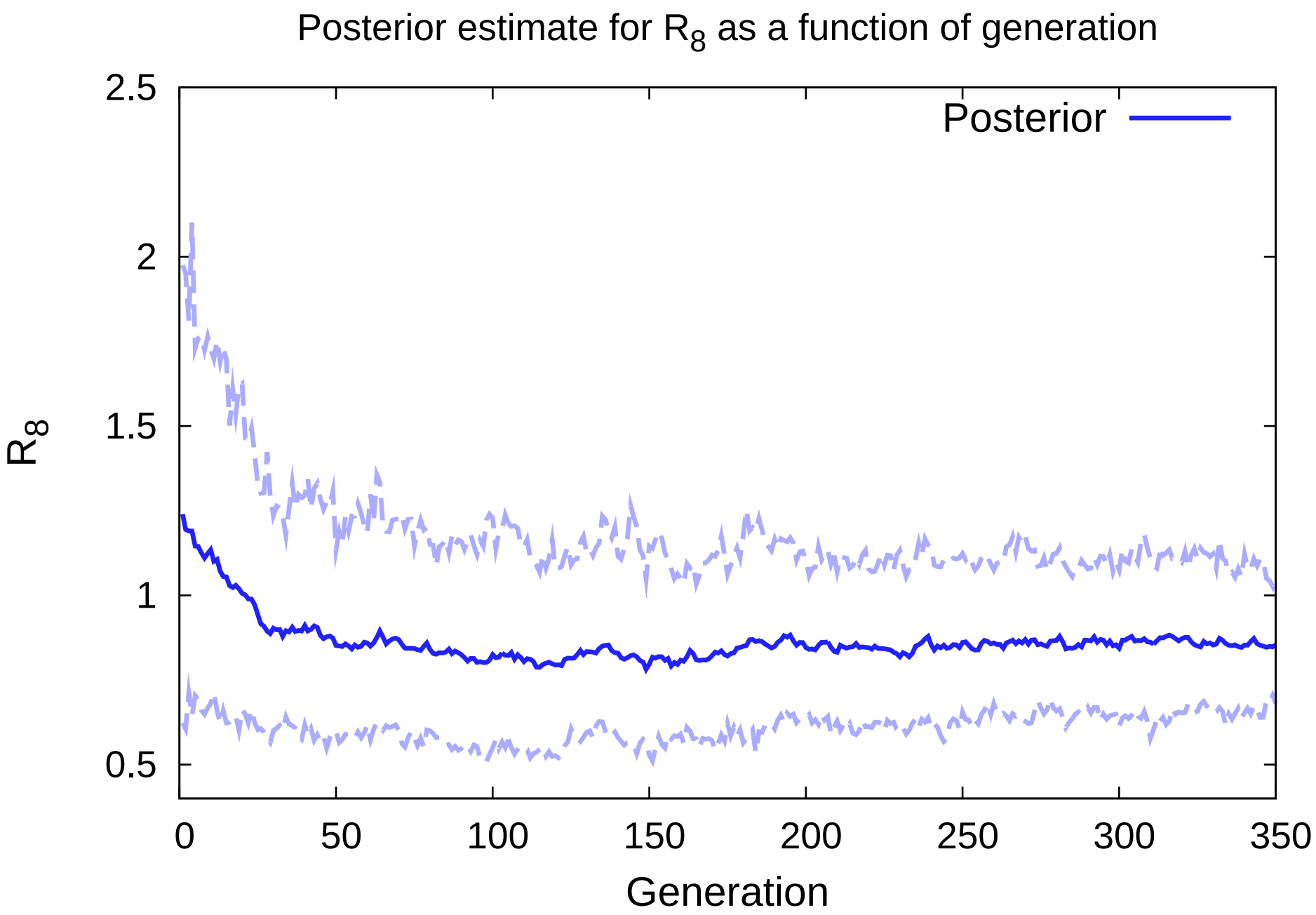

Posterior estimate for R_3 as a function of generation
Posterior
R_3
Generation
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350

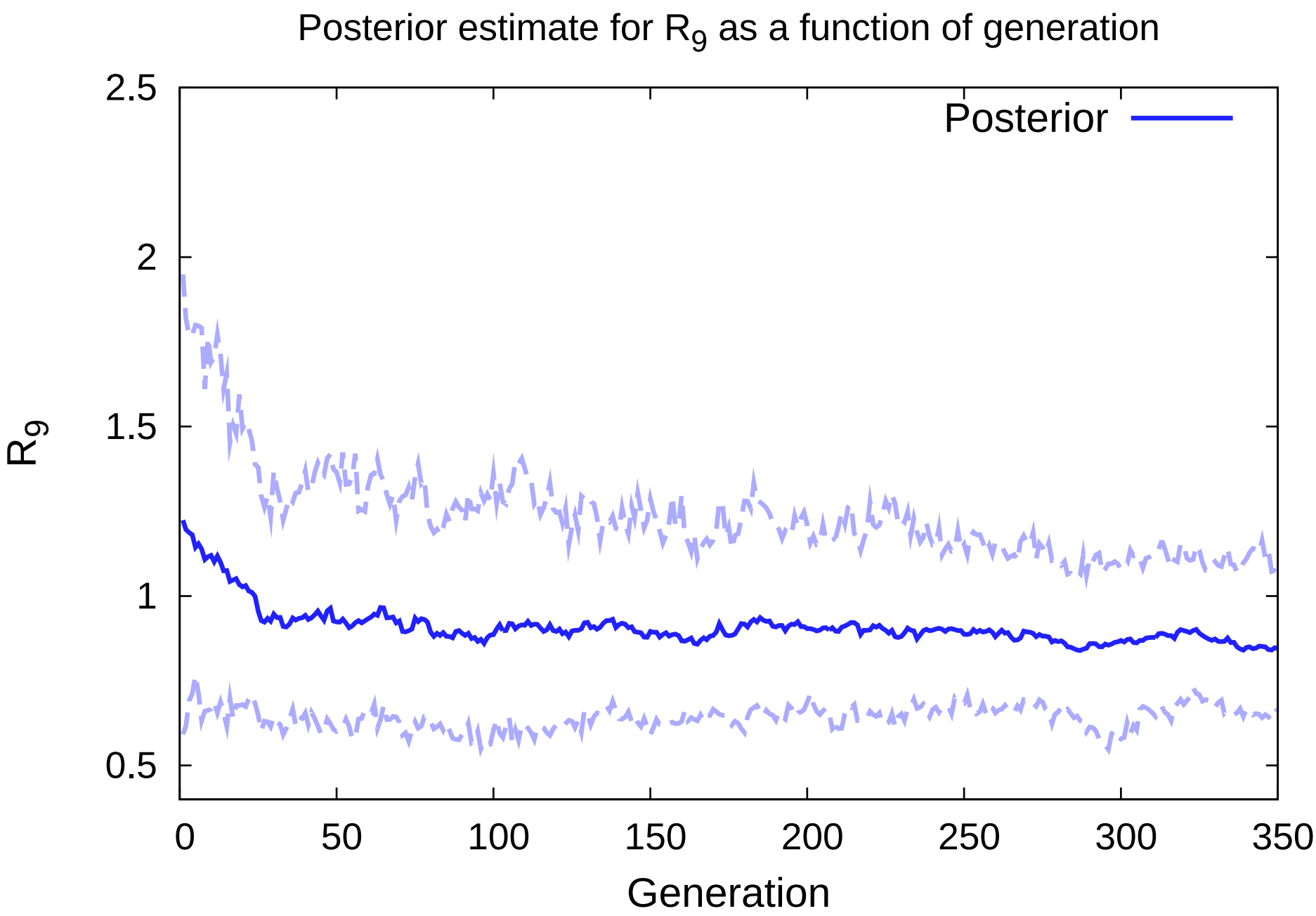

Posterior estimate for R_4 as a function of generation
Posterior
R_4
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

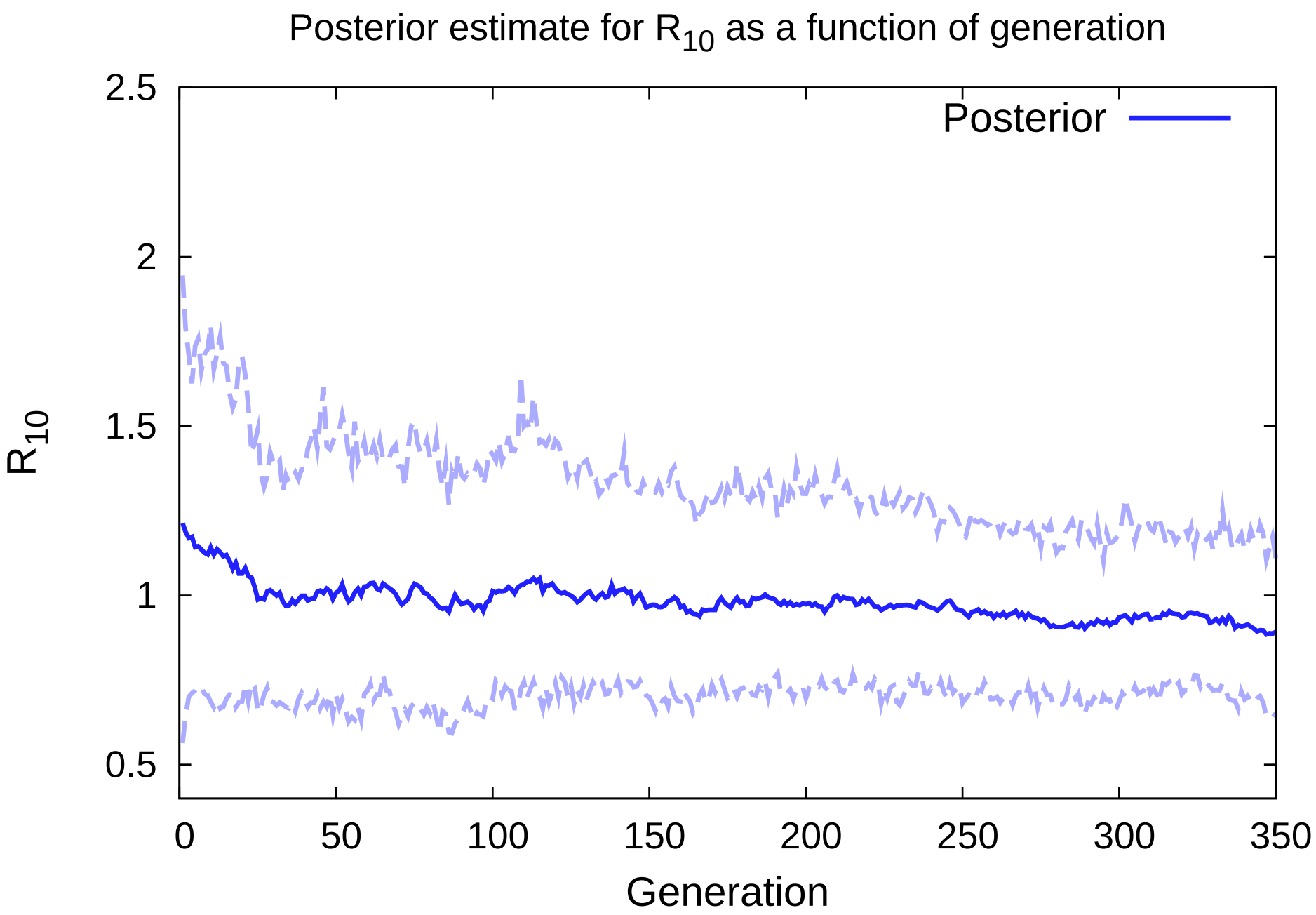

Posterior estimate for R_5 as a function of generation
Posterior
R_5
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

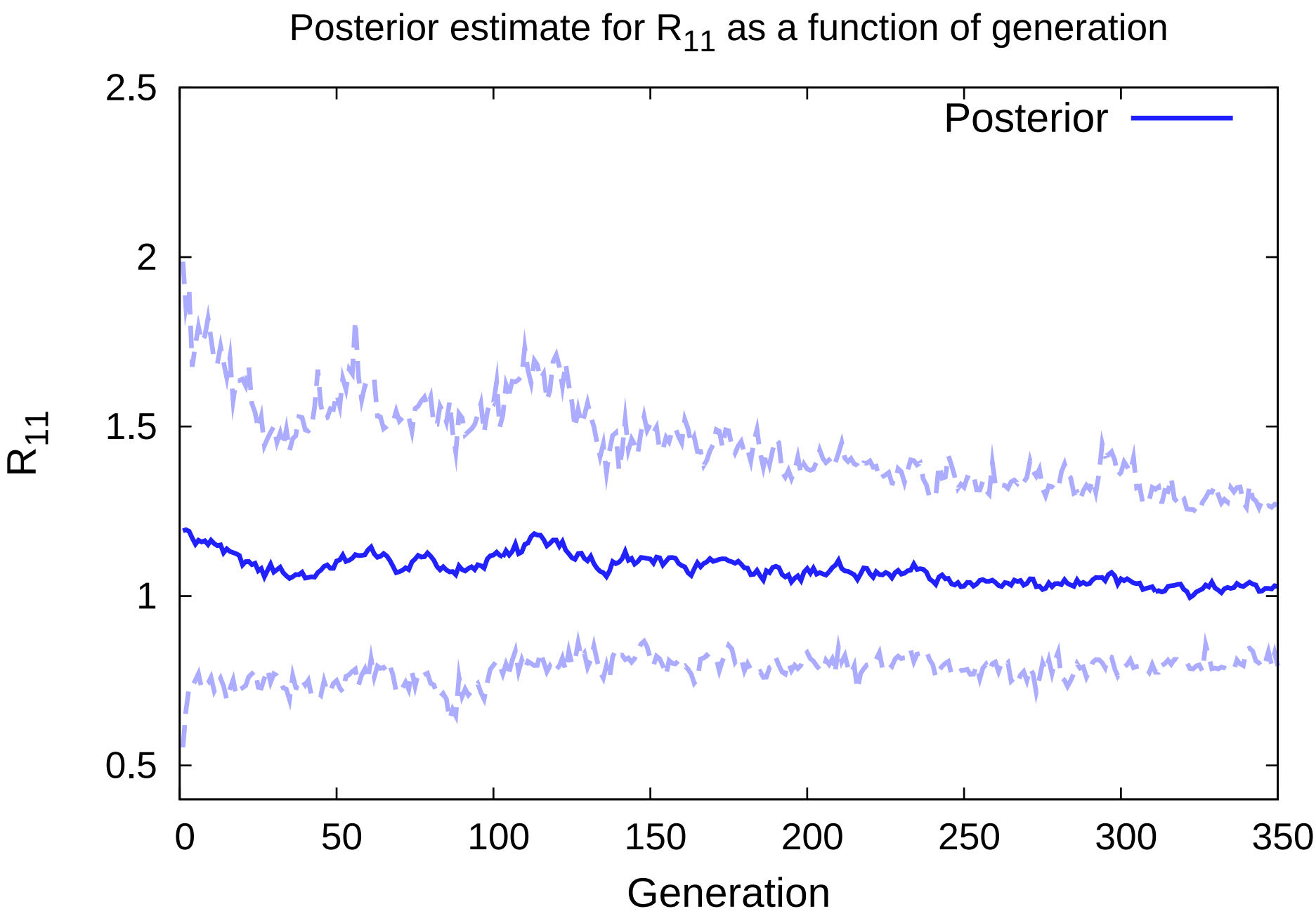

Posterior estimate for R_6 as a function of generation
Posterior
R_6
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

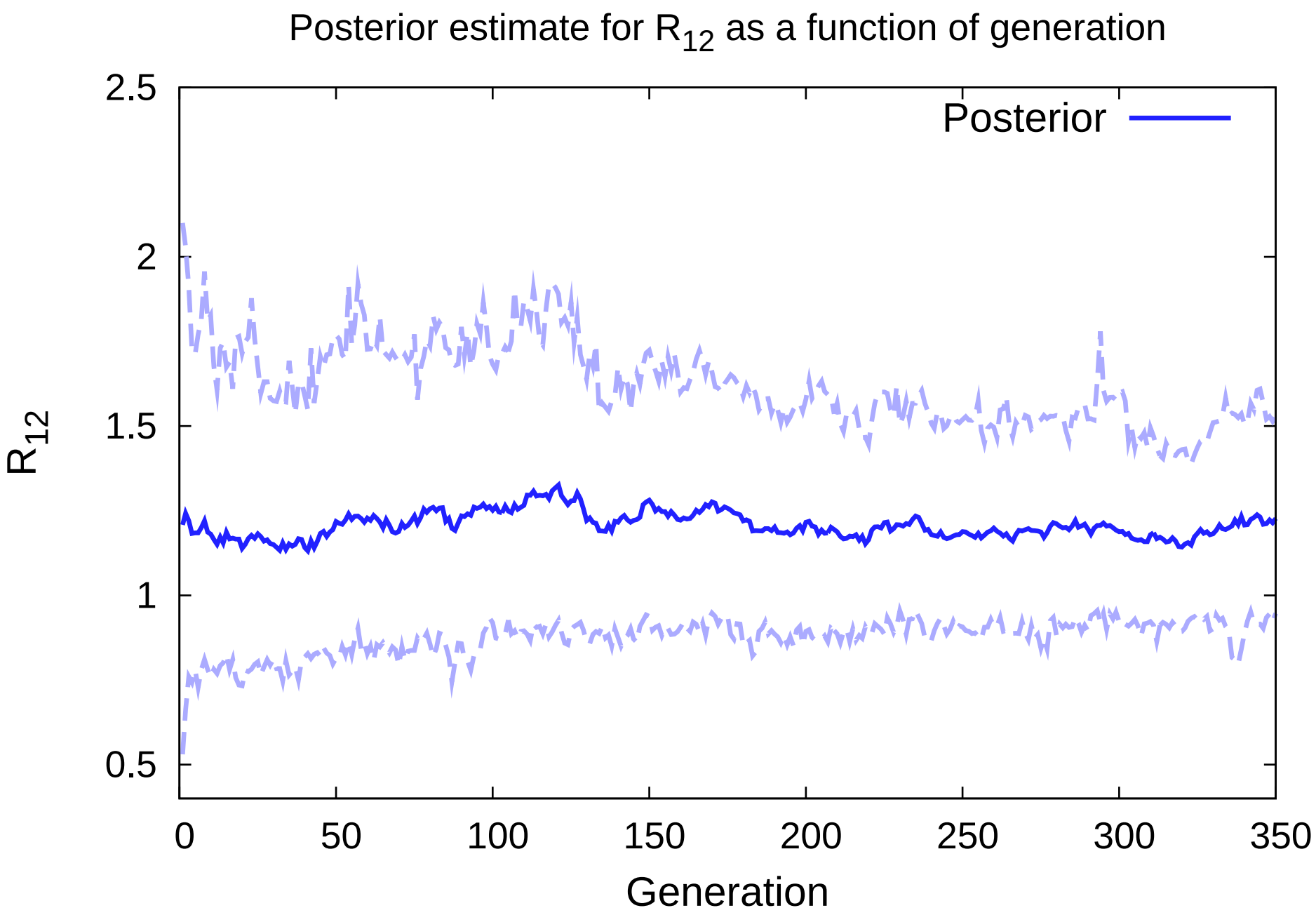

Posterior estimate for R_7 as a function of generation
Posterior
R_7
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

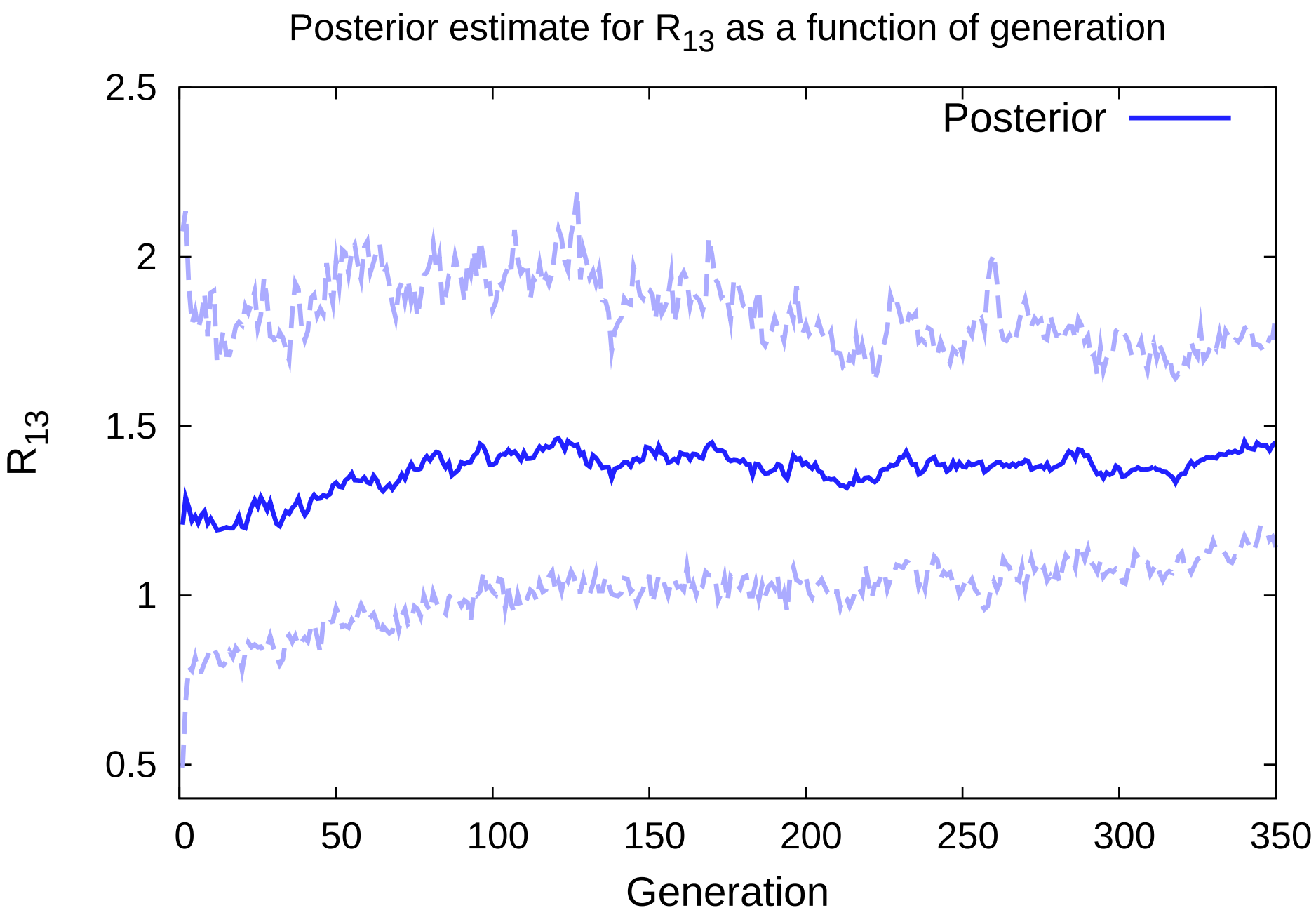

Posterior estimate for R_8 as a function of generation
Posterior
R_8
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

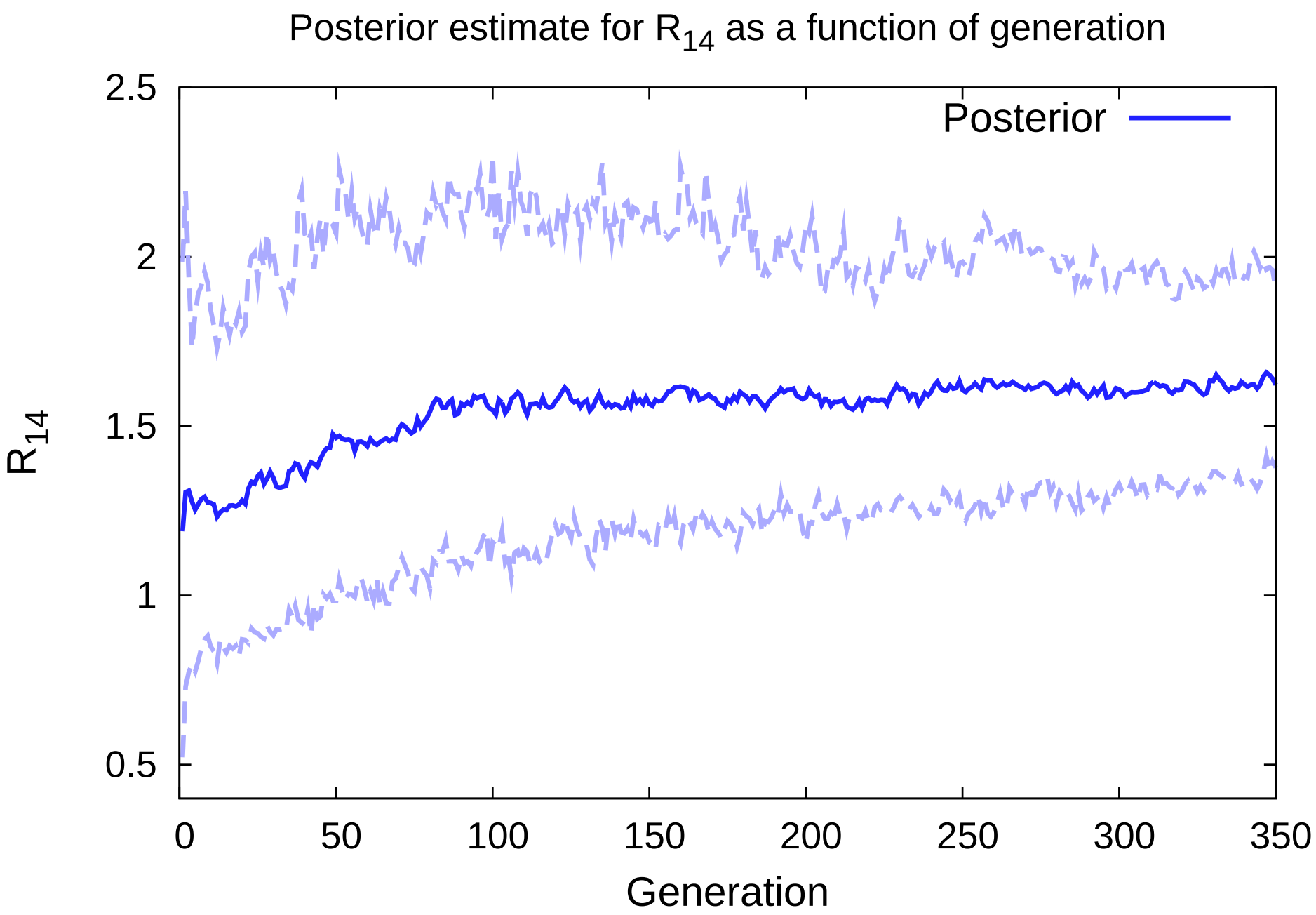

Posterior estimate for R_9 as a function of generation
Posterior
R_9
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

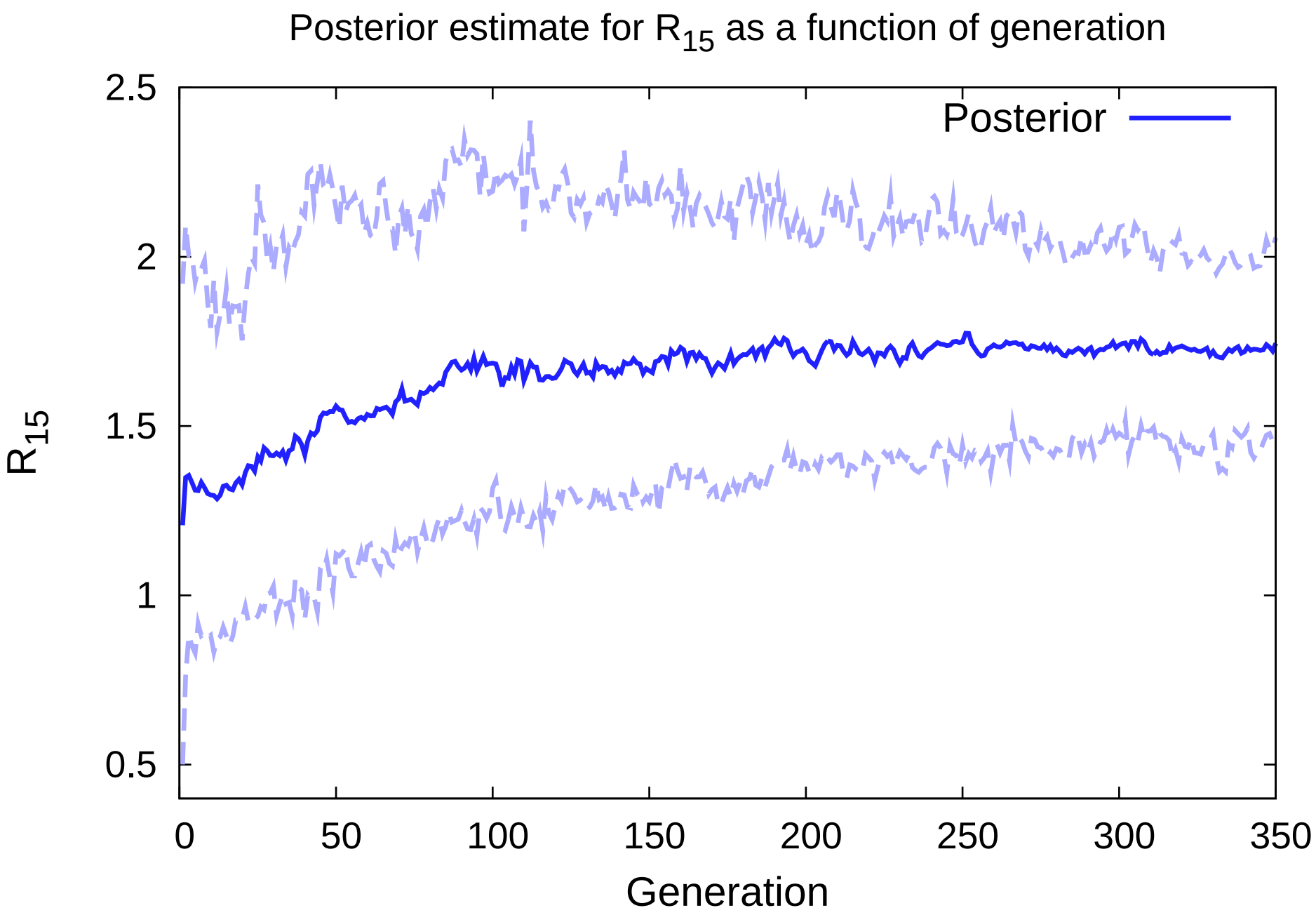

Posterior estimate for R_{10} as a function of generation
Posterior
R_{10}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

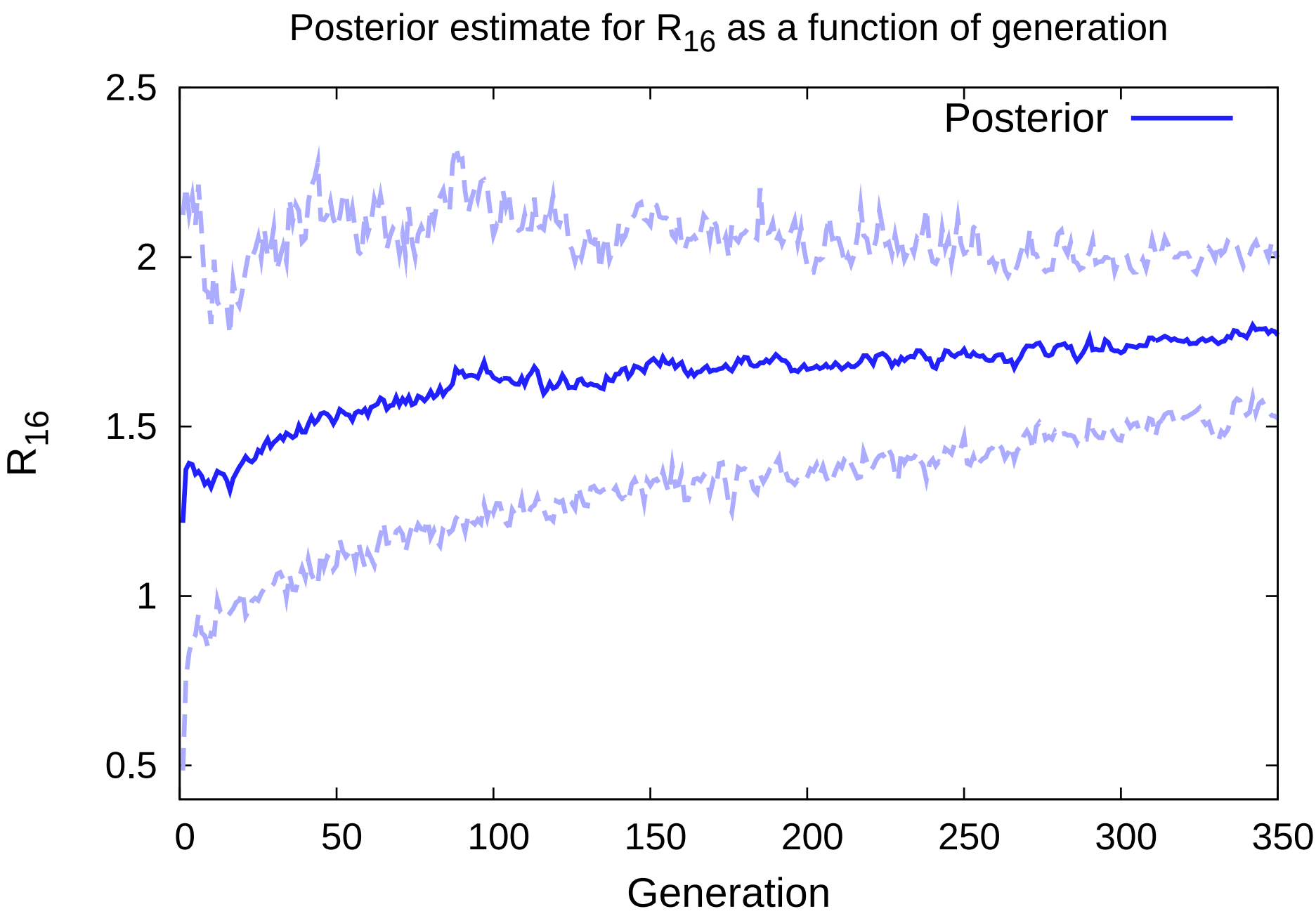

Posterior estimate for R_{11} as a function of generation
Posterior
R_{11}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

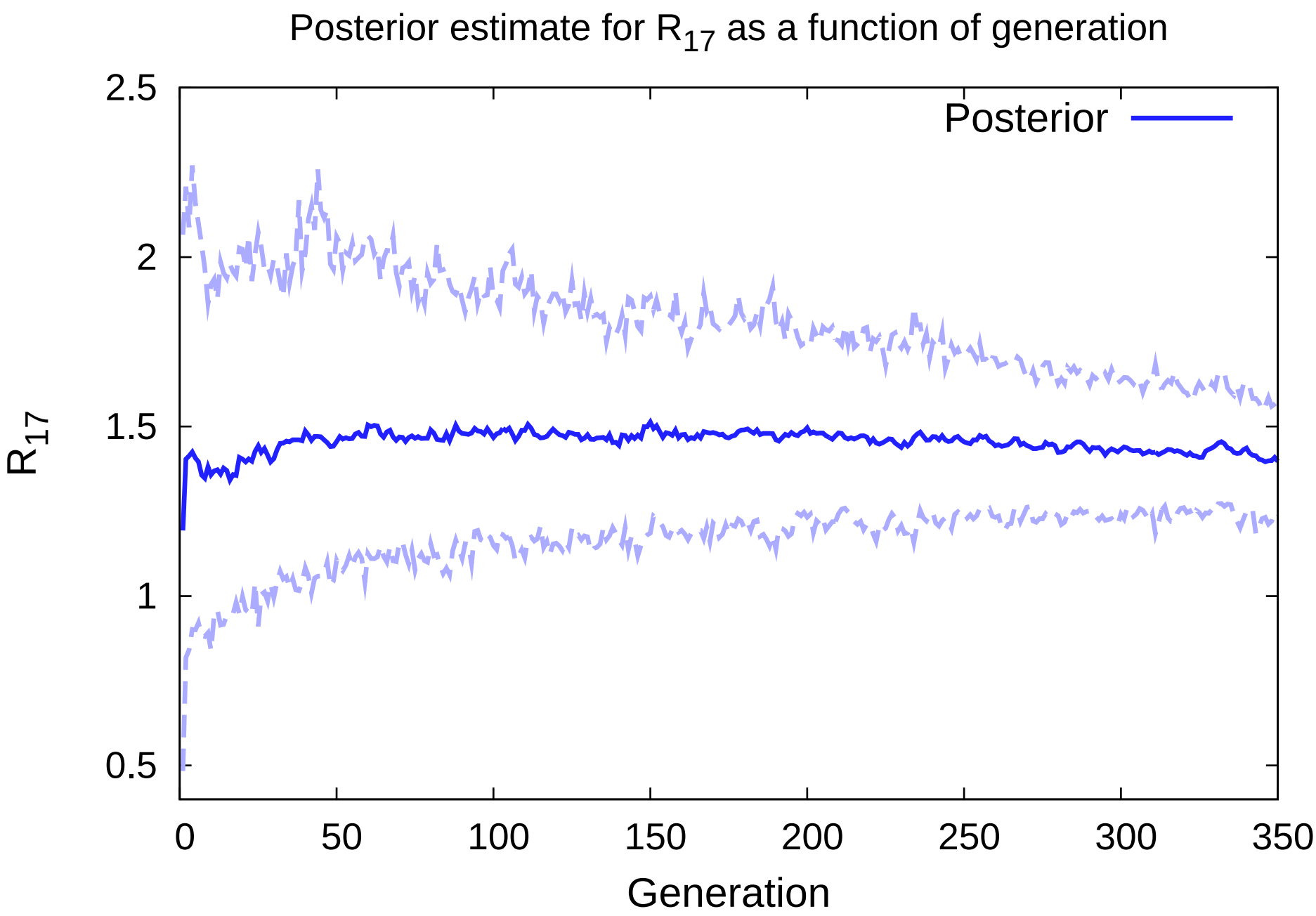

Posterior estimate for R_{12} as a function of generation
Posterior
R_{12}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

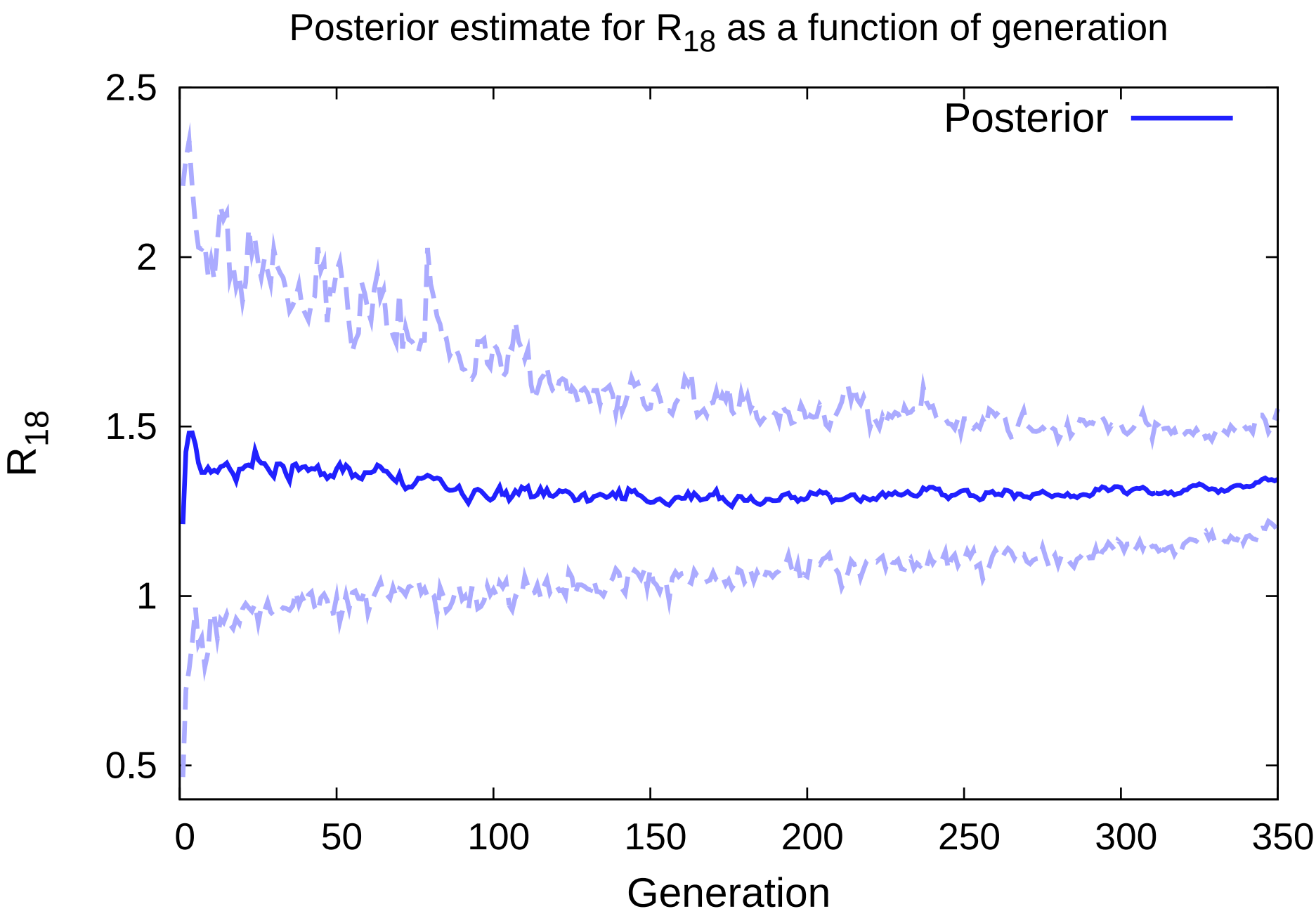

Posterior estimate for R_{13} as a function of generation
Posterior
R_{13}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

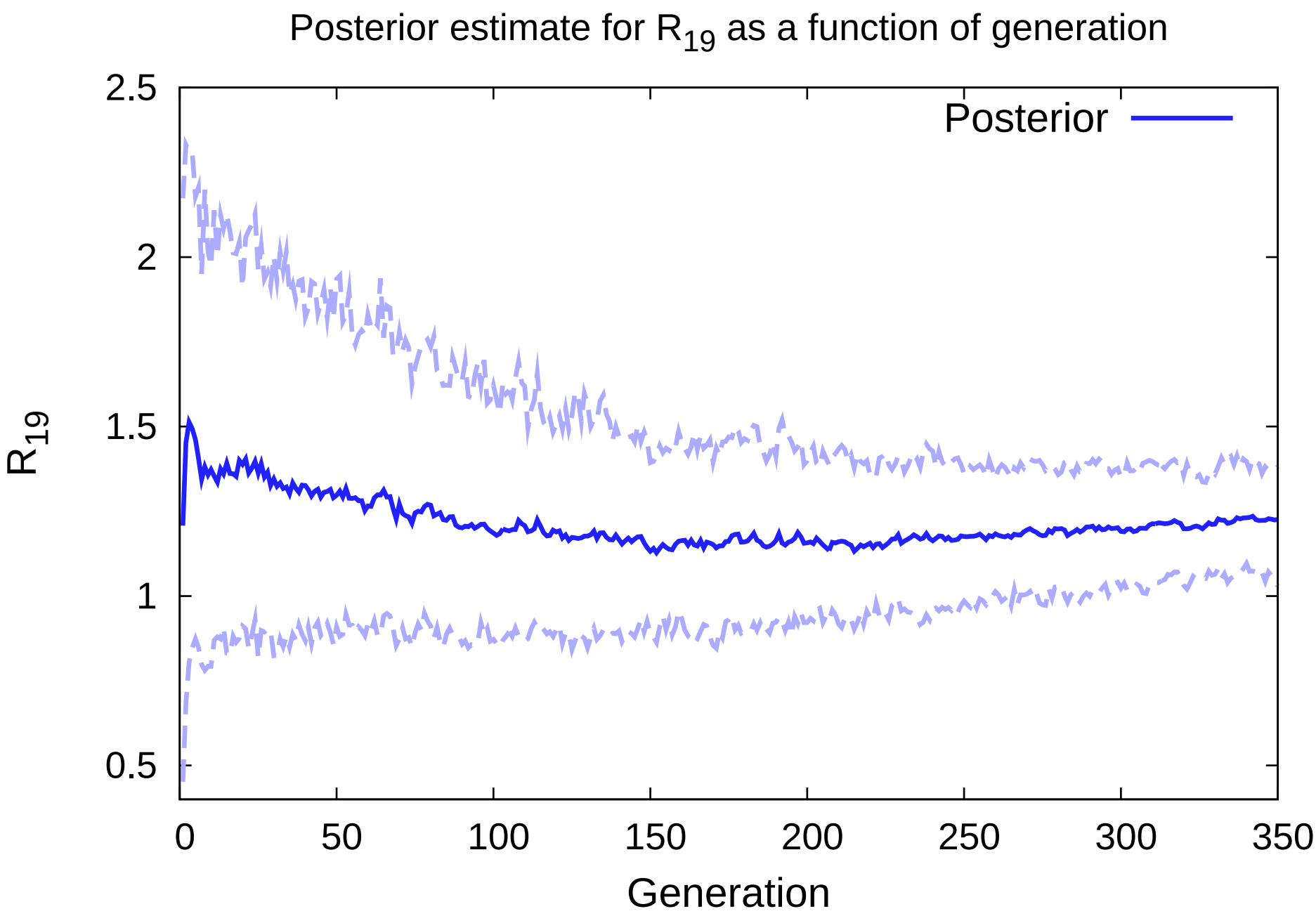

Posterior estimate for R_{14} as a function of generation
Posterior
R_{14}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

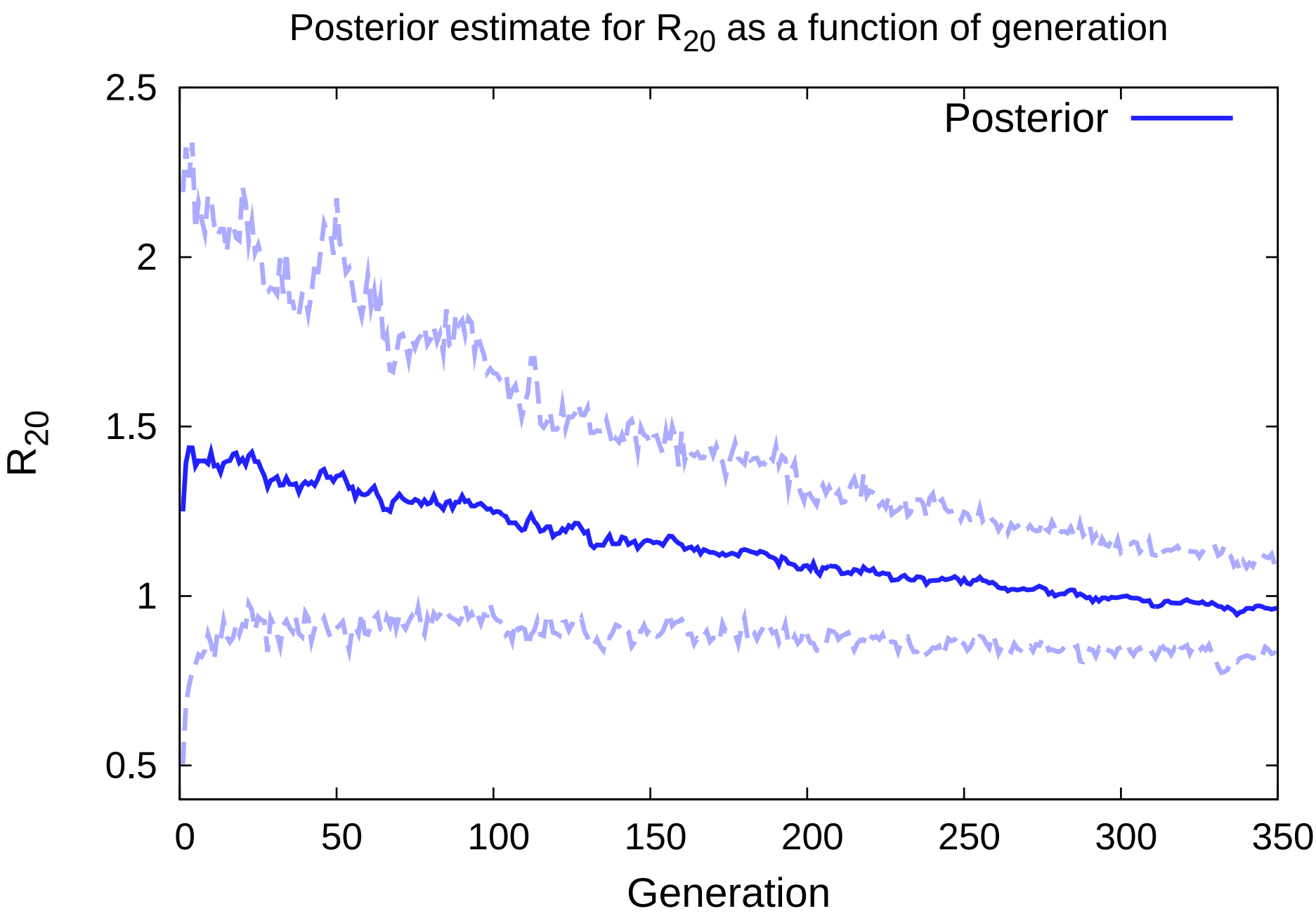

Posterior estimate for R_{15} as a function of generation
Posterior
R_{15}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

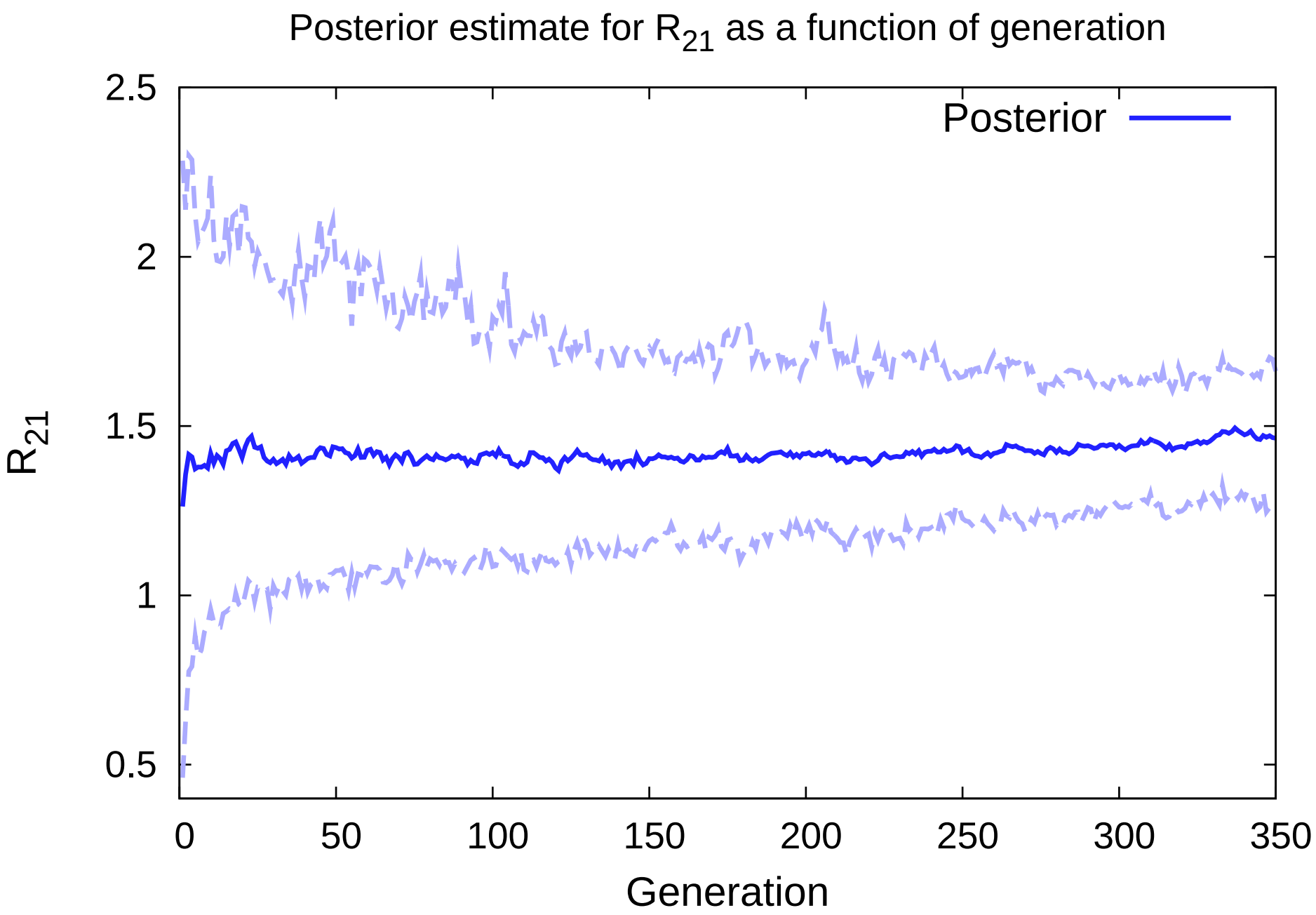

Posterior estimate for R_{16} as a function of generation
Posterior
R_{16}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

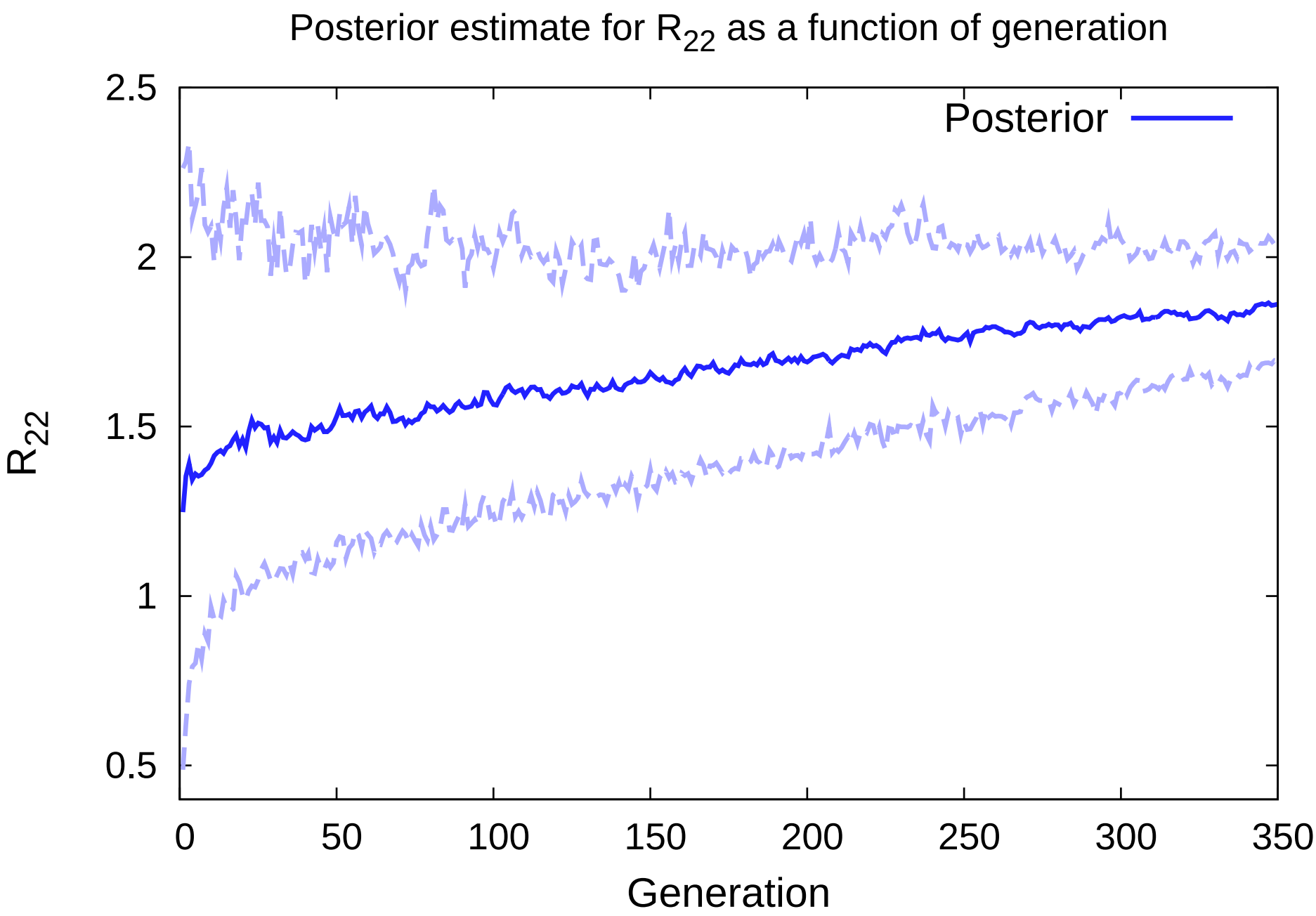

Posterior estimate for R_{17} as a function of generation
Posterior
R_{17}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

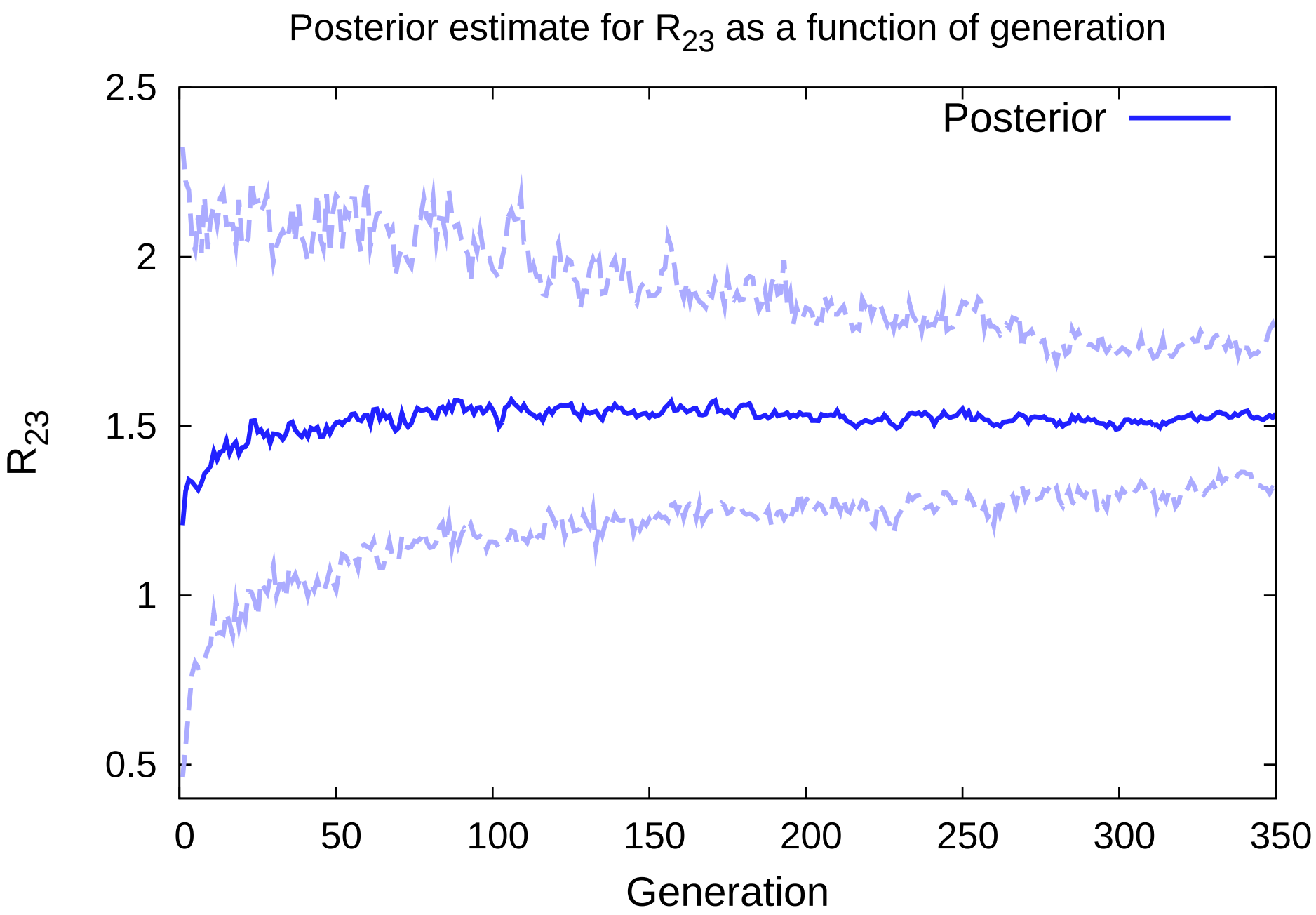

Posterior estimate for R_{18} as a function of generation
Posterior
R_{18}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

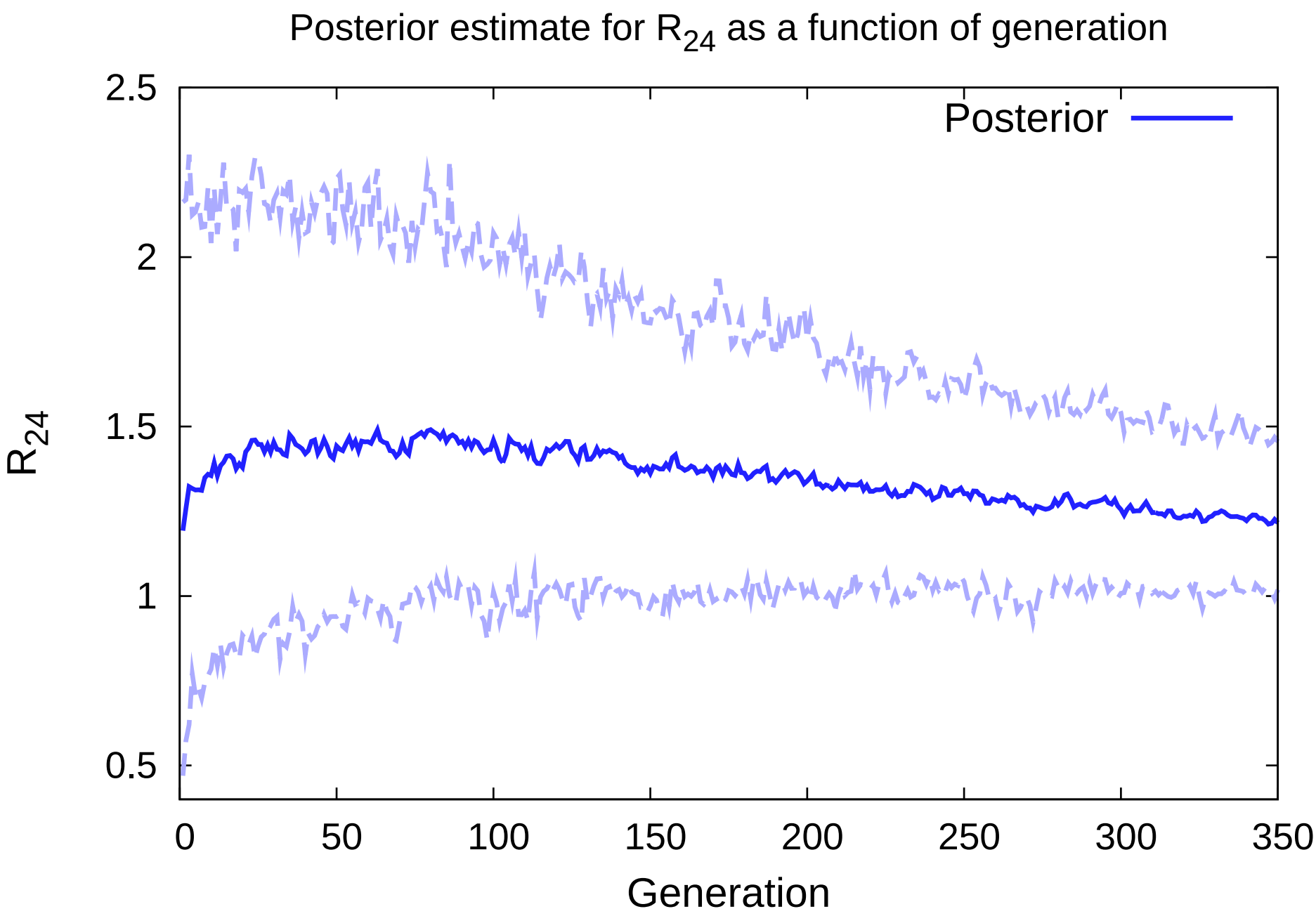

Posterior estimate for R_{19} as a function of generation
Posterior
R_{19}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

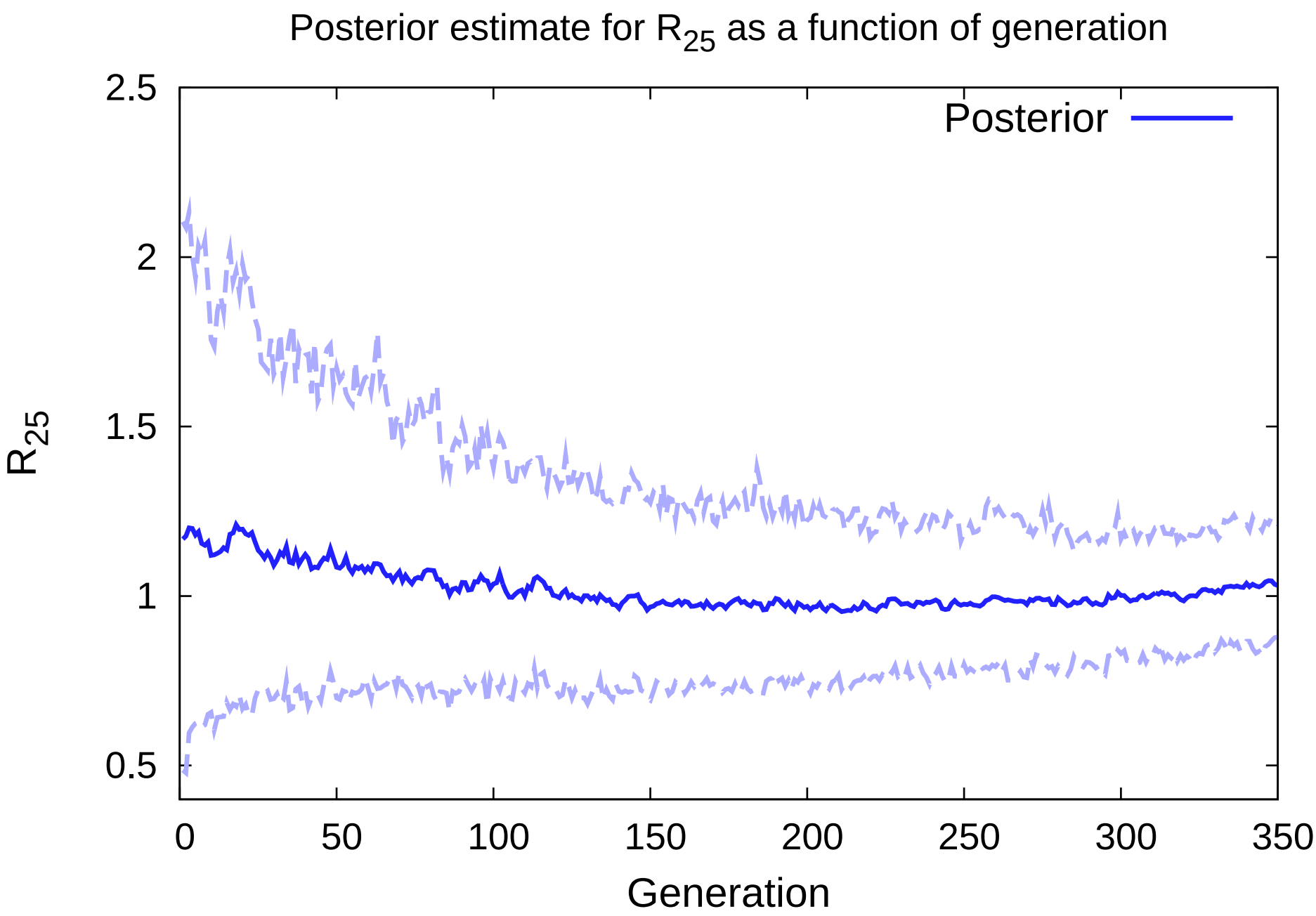

Posterior estimate for R_{20} as a function of generation
Posterior
R_{20}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

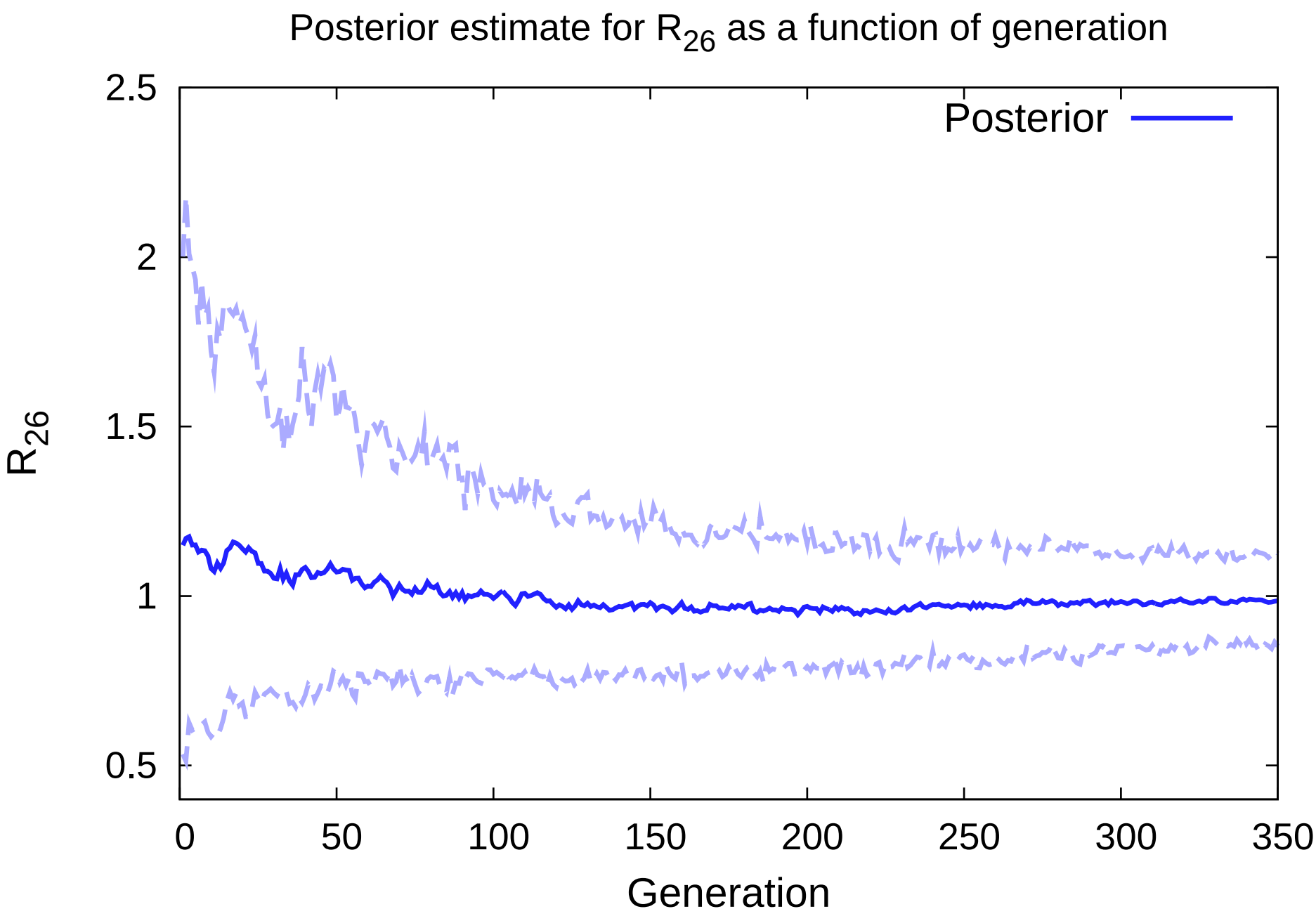

Posterior estimate for R_{21} as a function of generation
Posterior
R_{21}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

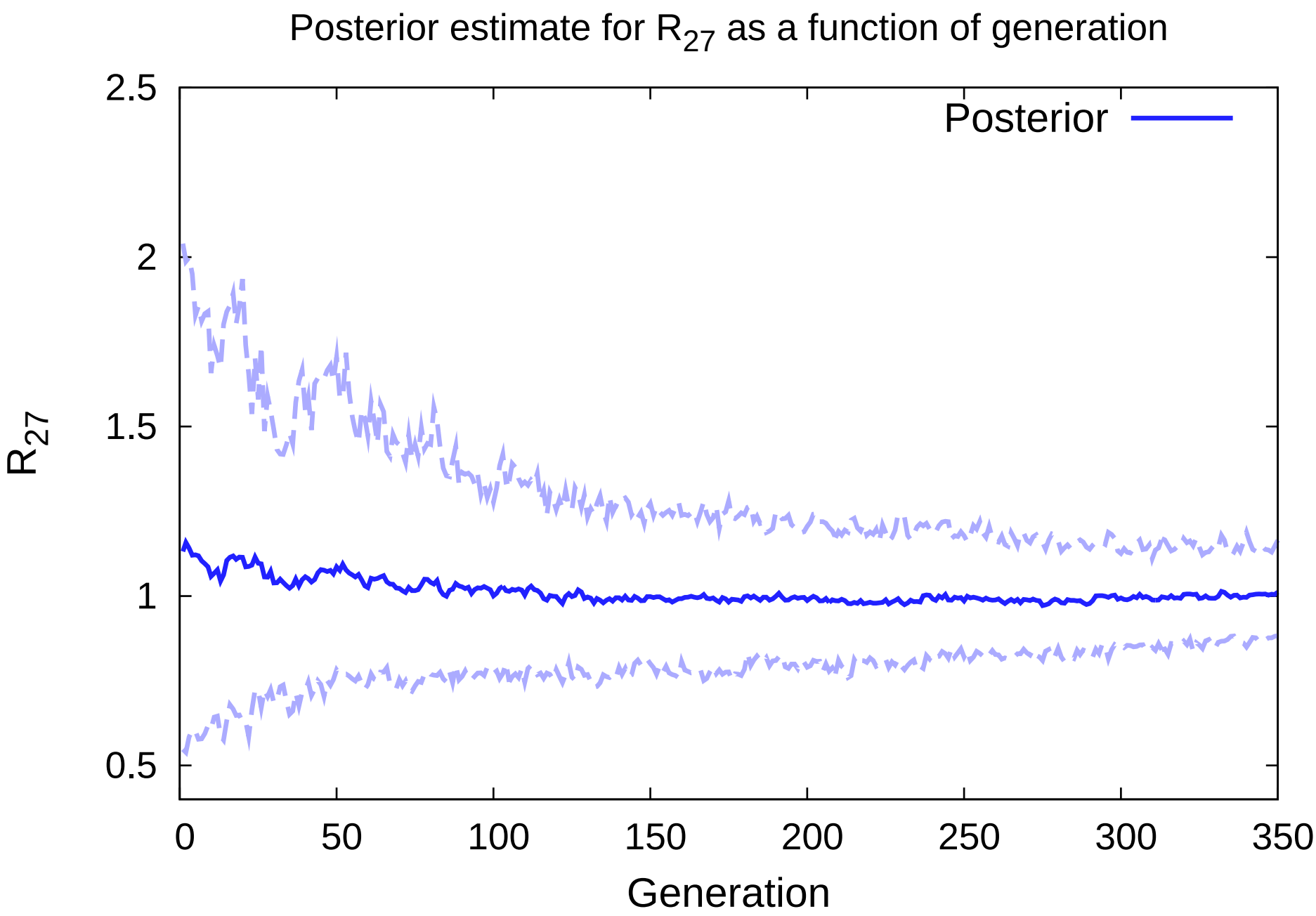

Posterior estimate for R_{22} as a function of generation
Posterior
R_{22}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

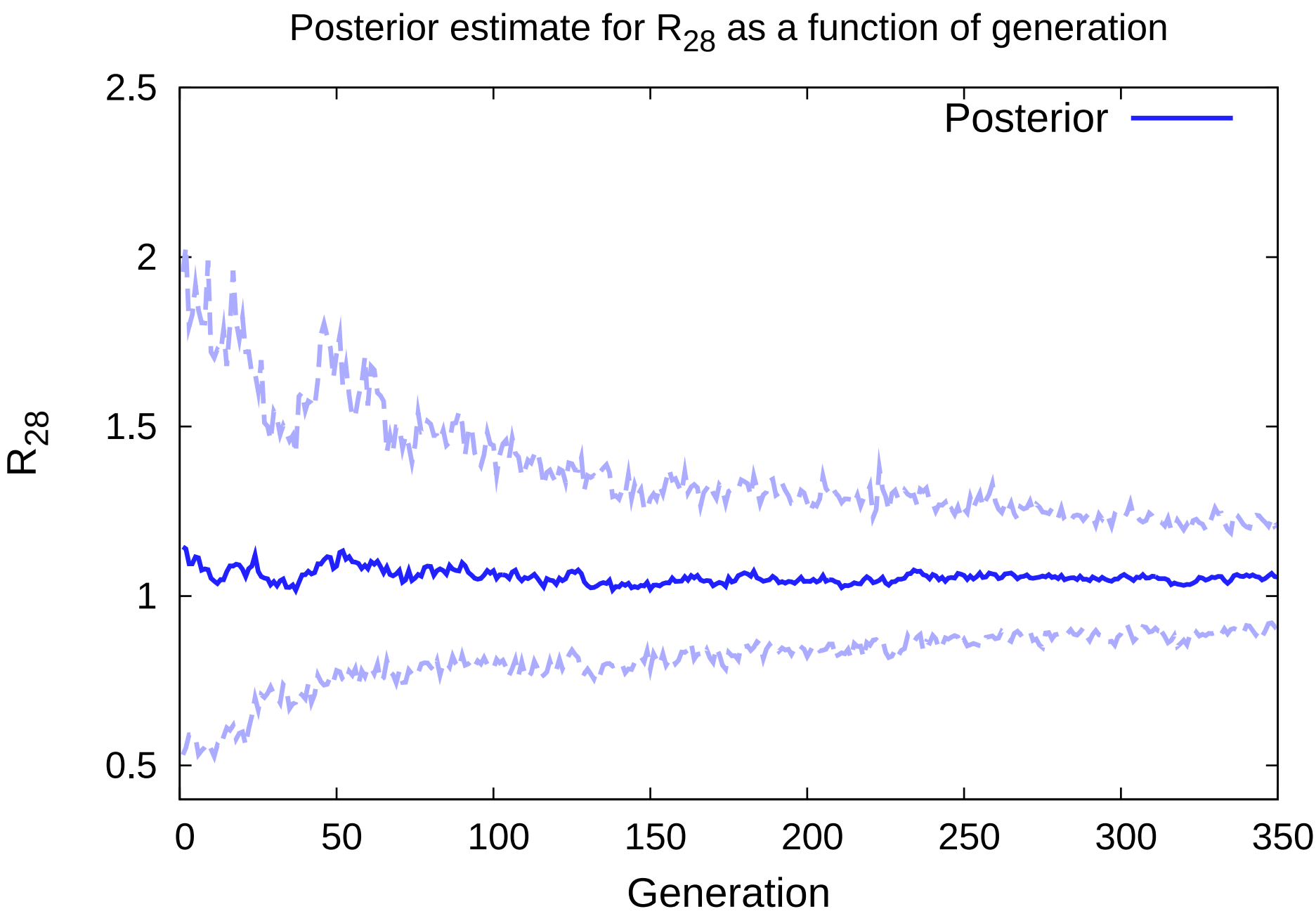

Posterior estimate for R_{23} as a function of generation
Posterior
R_{23}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

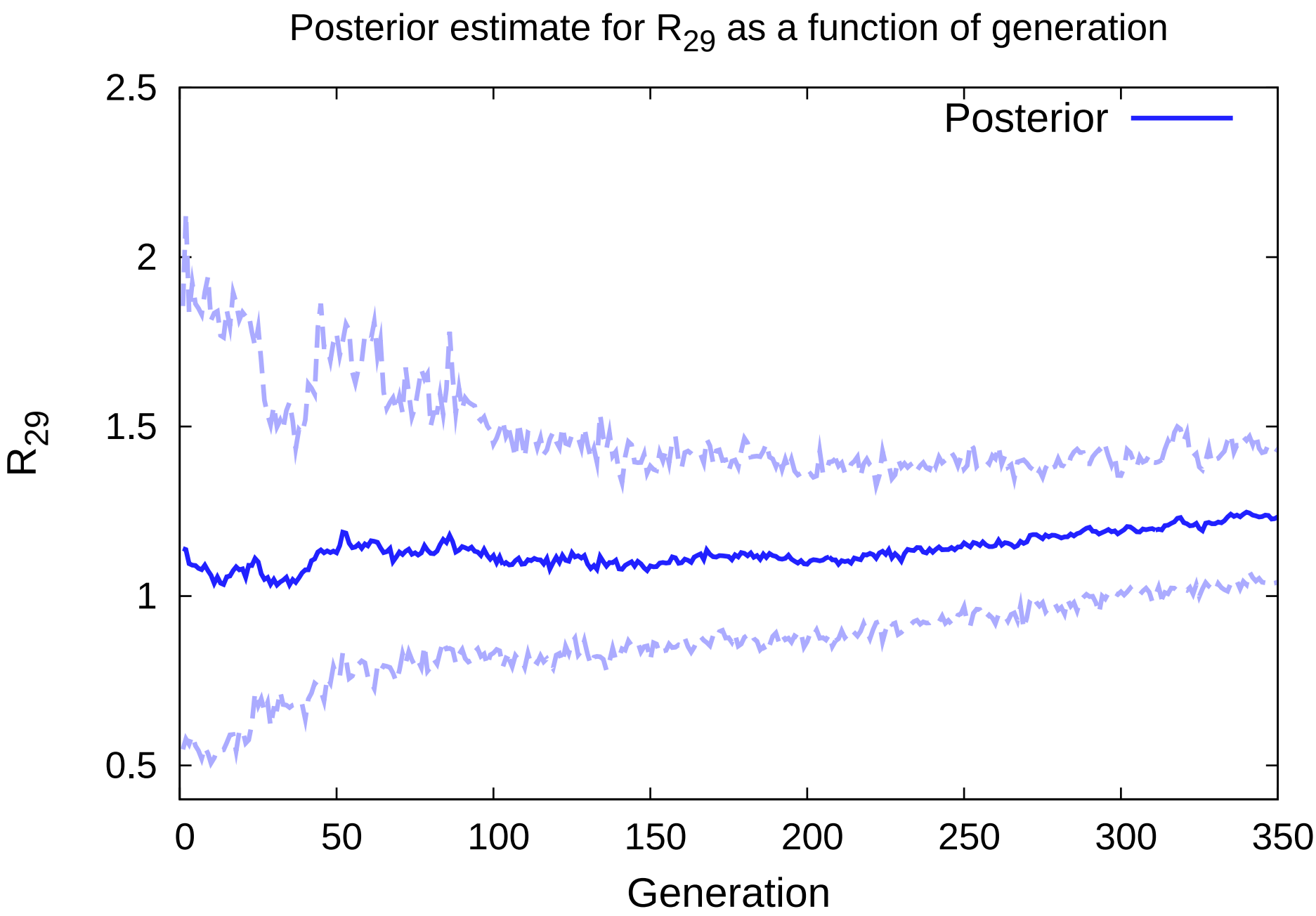

Posterior estimate for R_{24} as a function of generation
Posterior
R_{24}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

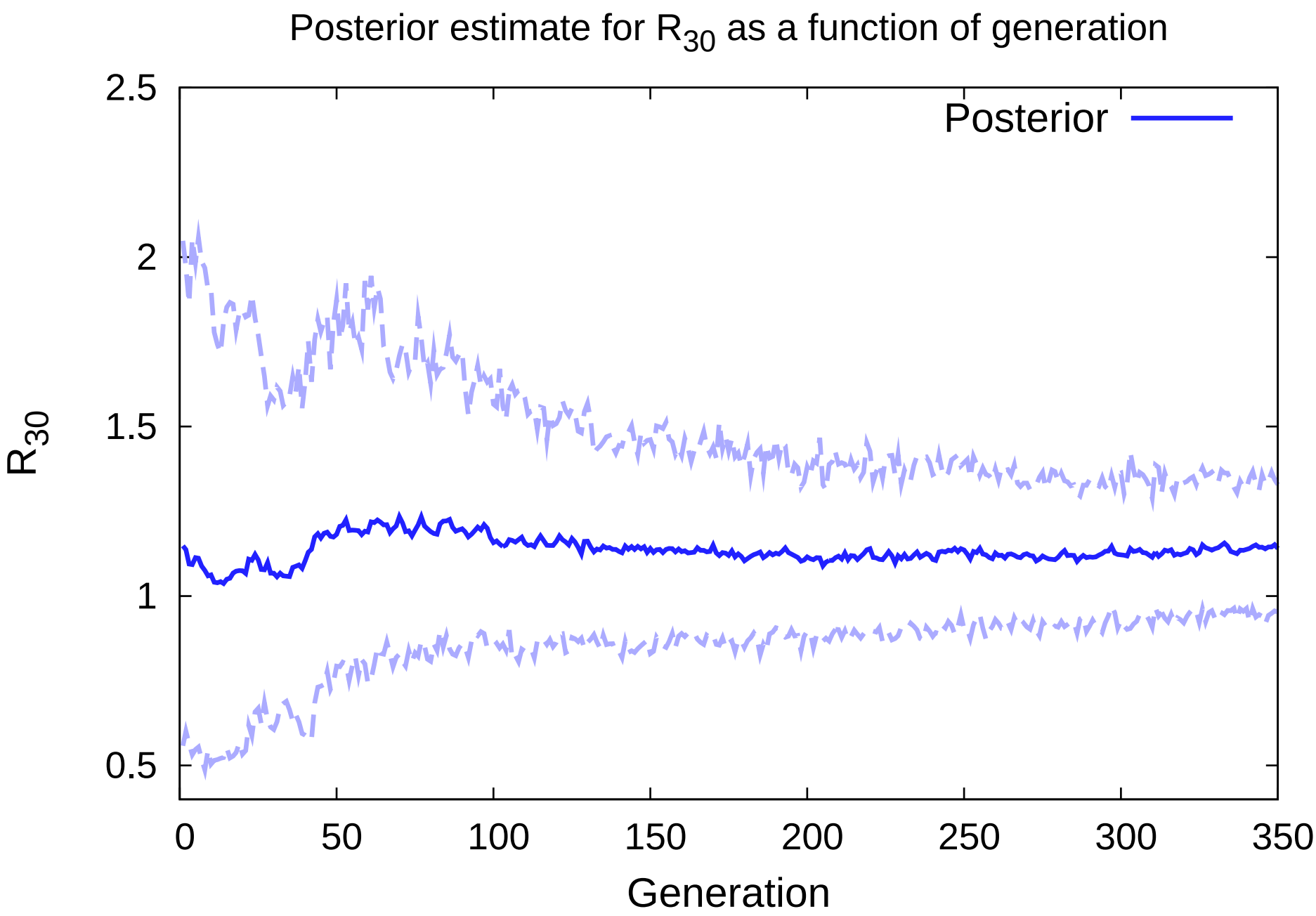

Posterior estimate for R_{25} as a function of generation
Posterior
R_{25}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

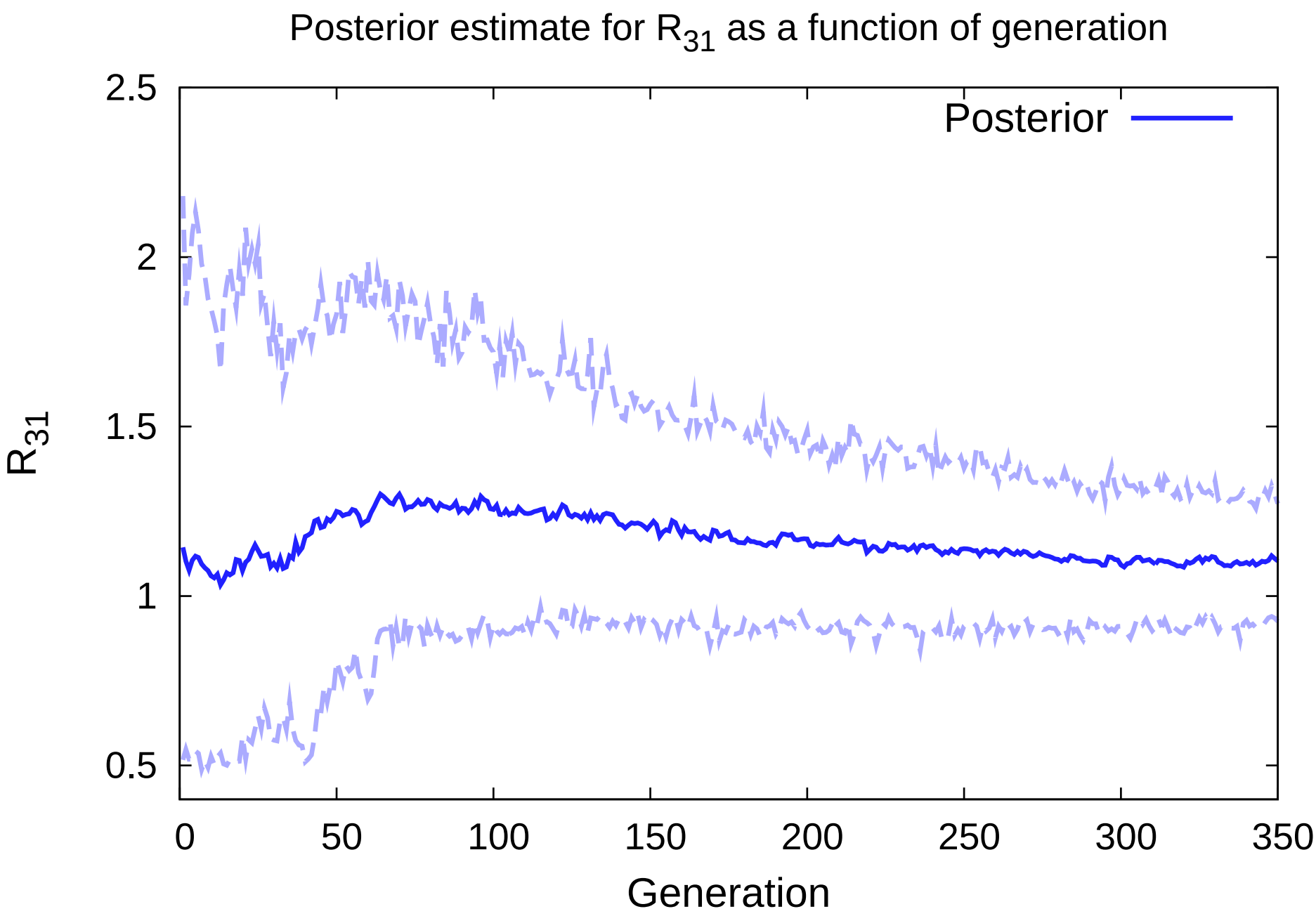

Posterior estimate for R_{26} as a function of generation
Posterior
R_{26}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

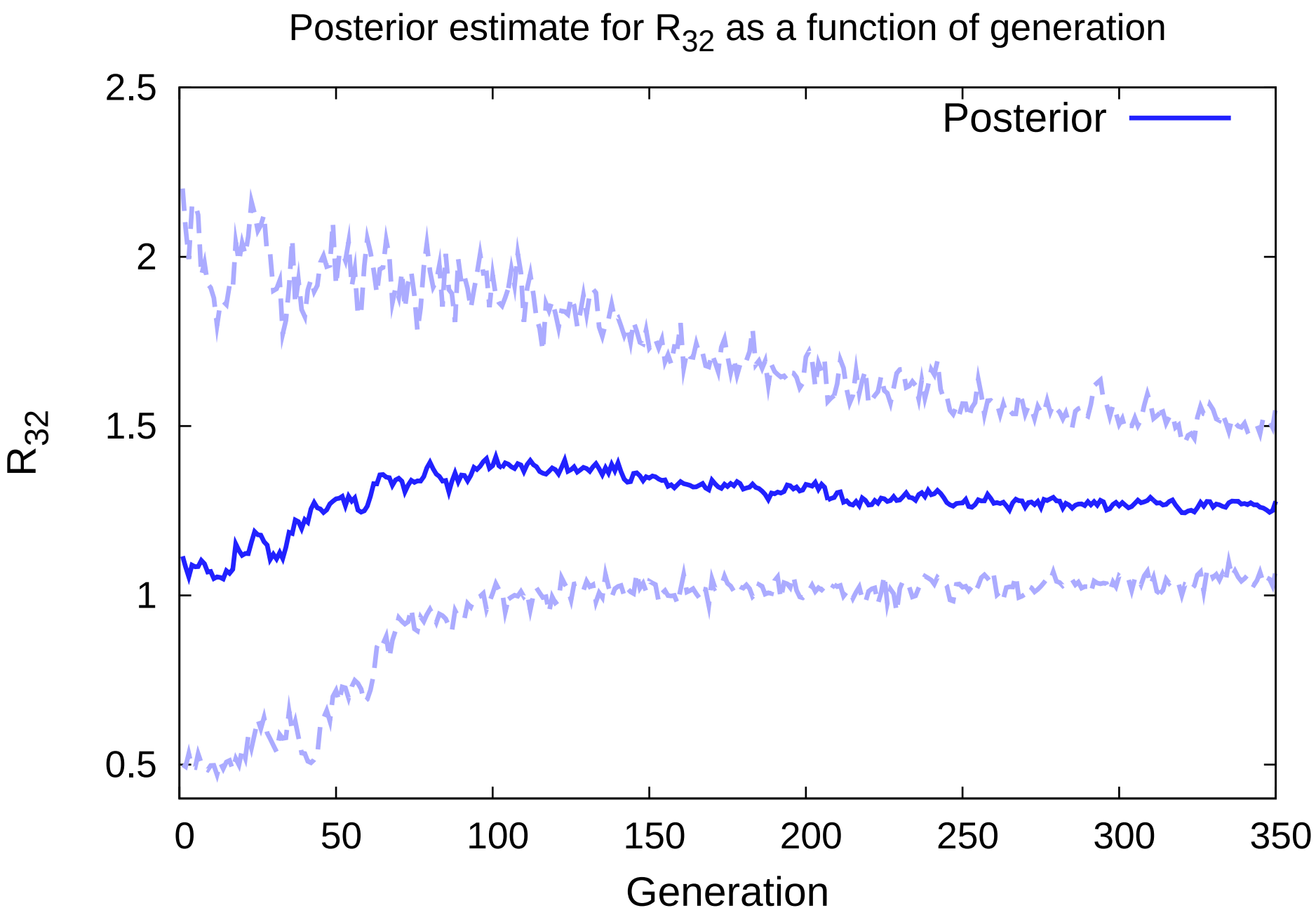

Posterior estimate for R_{27} as a function of generation
Posterior
R_{27}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

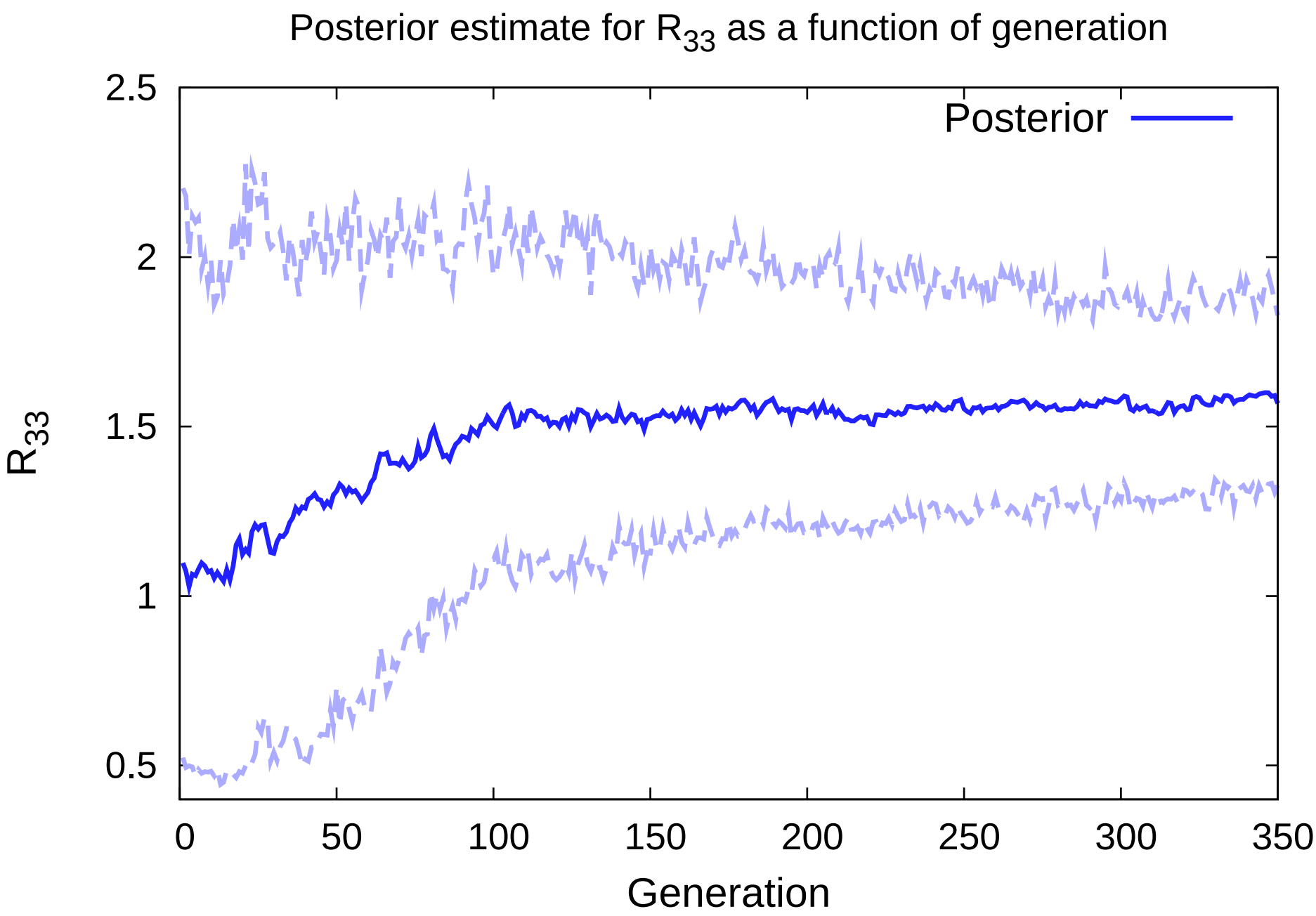

Posterior estimate for R_{28} as a function of generation
Posterior
R_{28}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

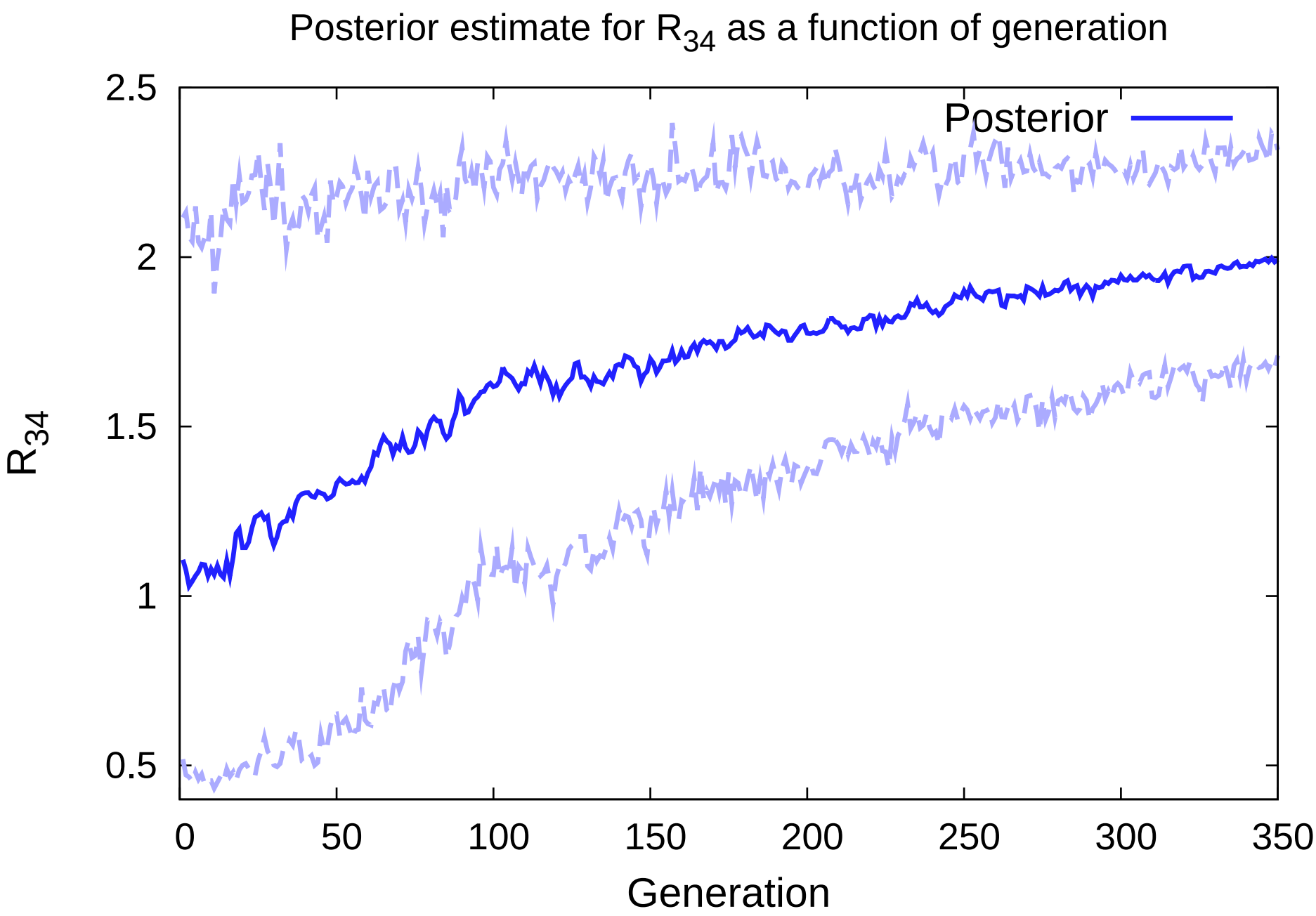

Posterior estimate for R_{29} as a function of generation
Posterior
R_{29}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

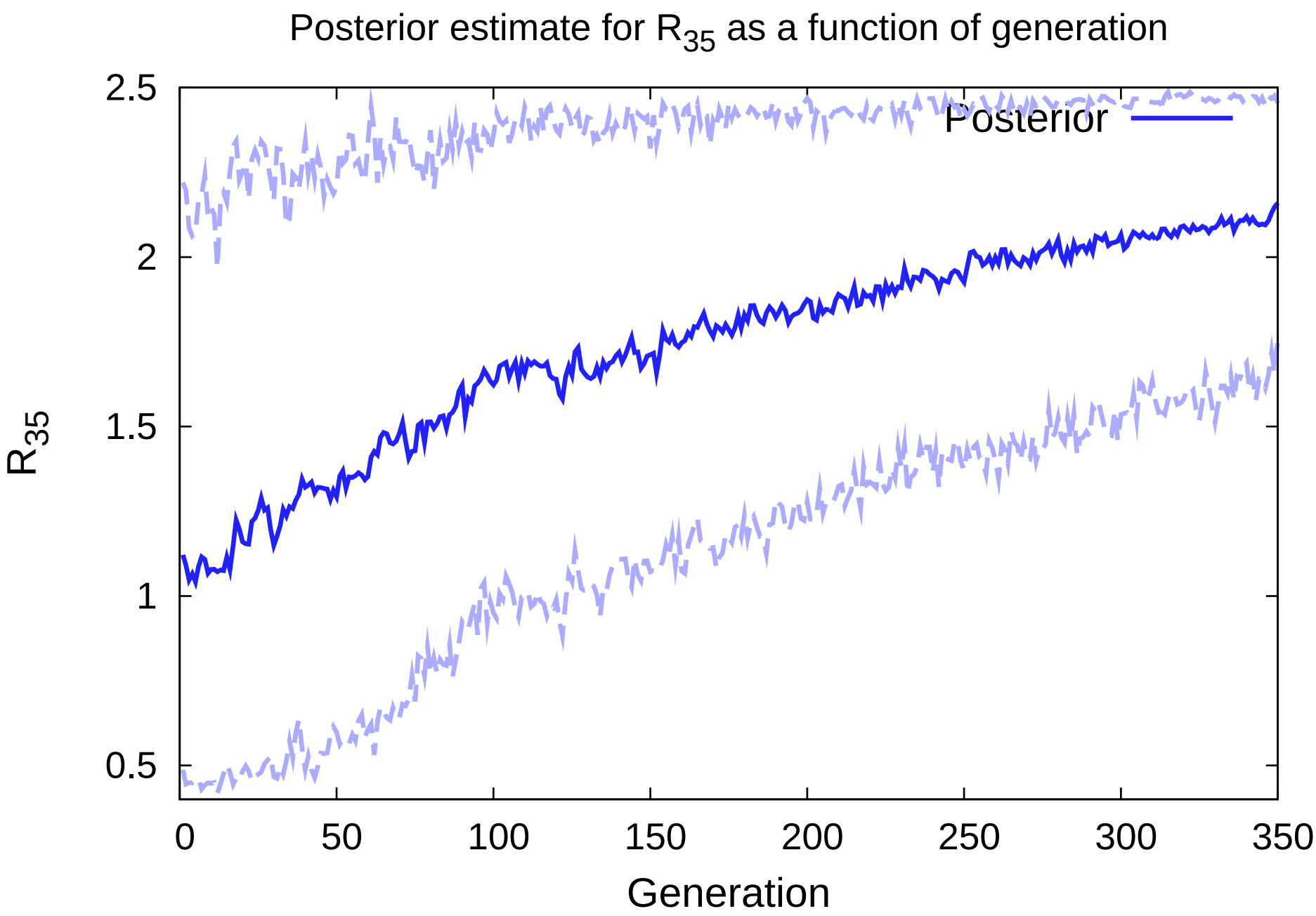

Posterior estimate for R_{30} as a function of generation
Posterior
R_{30}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

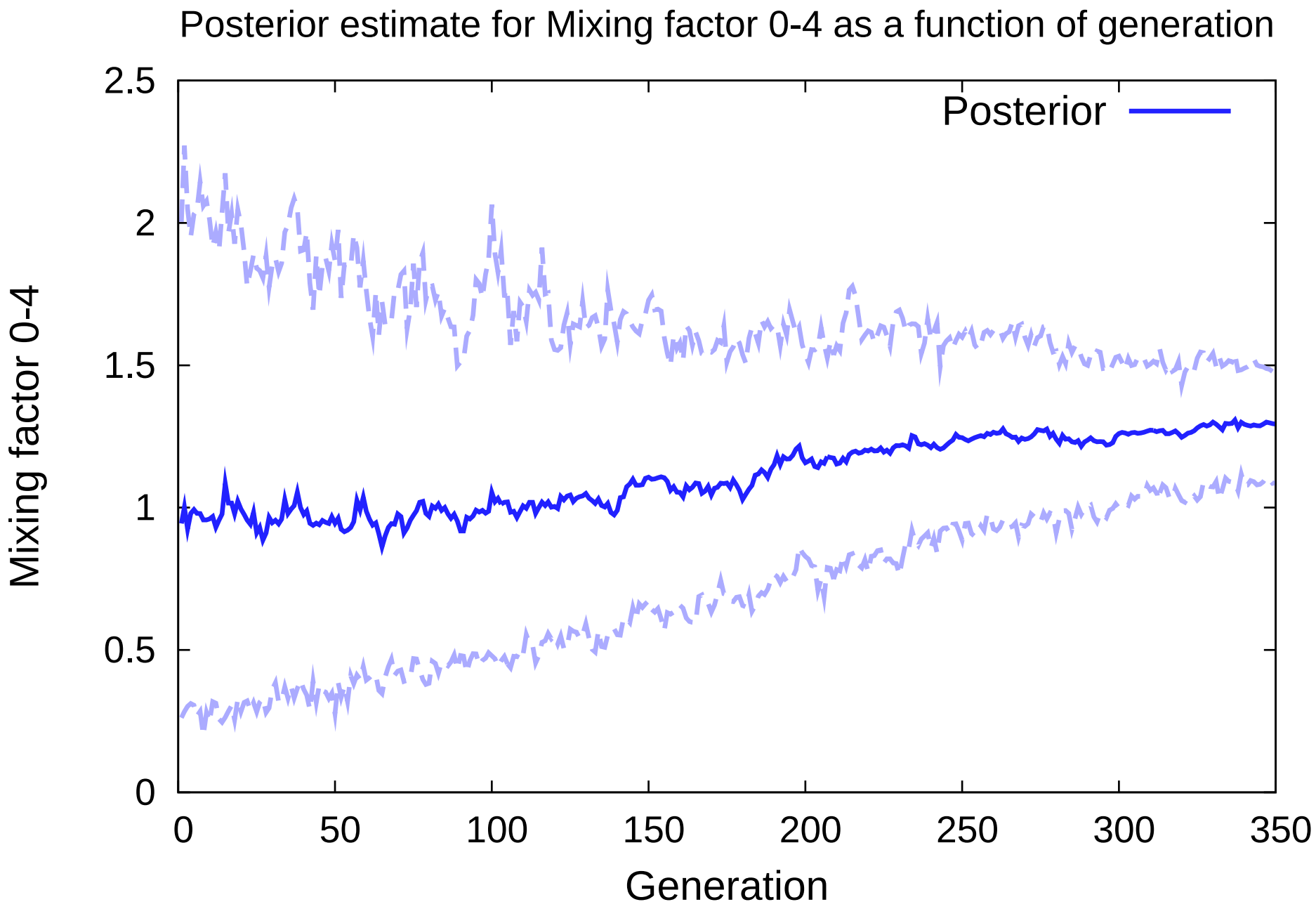

Posterior estimate for R_{31} as a function of generation
Posterior
R_{31}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

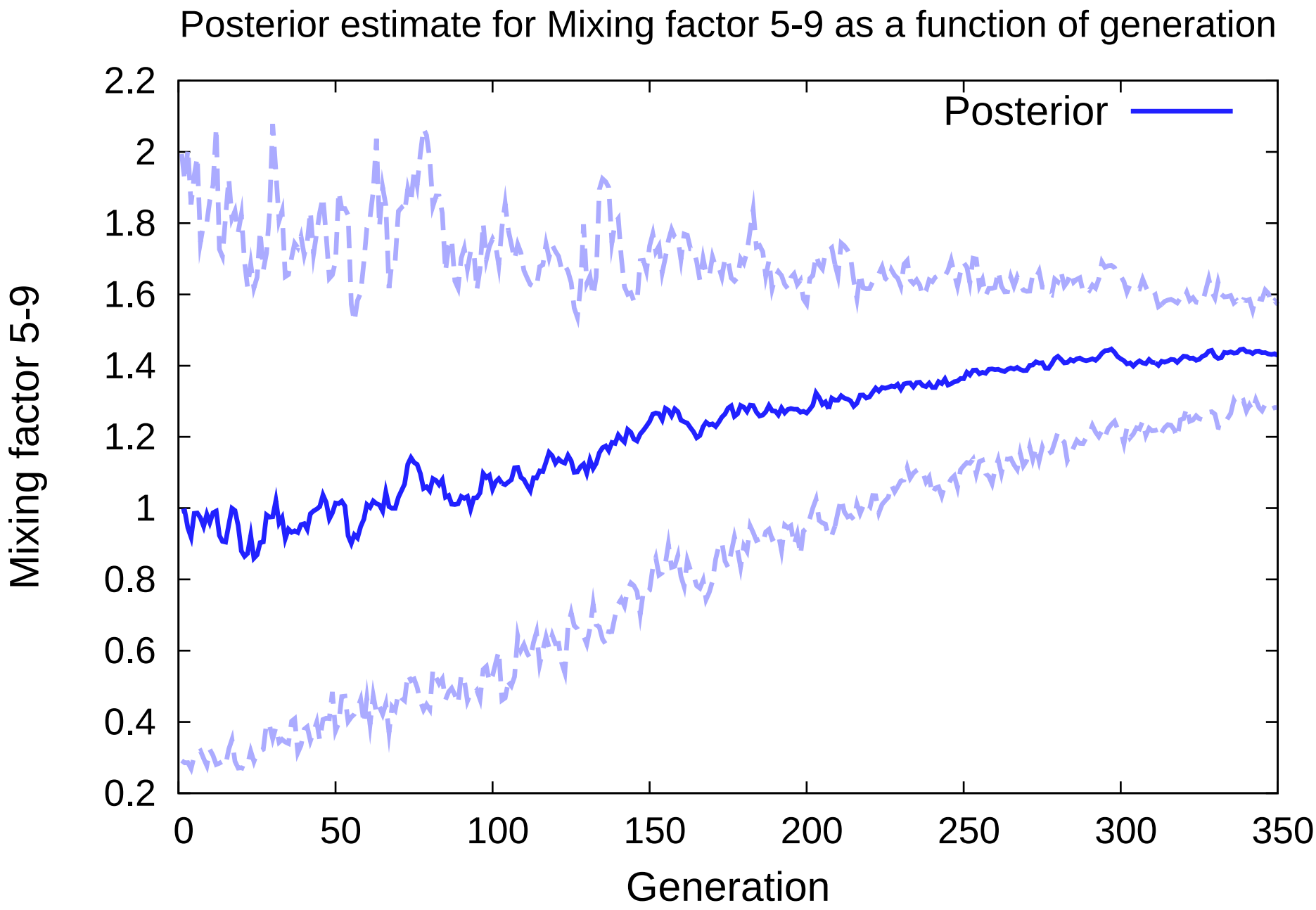

Posterior estimate for R_{32} as a function of generation
Posterior
R_{32}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

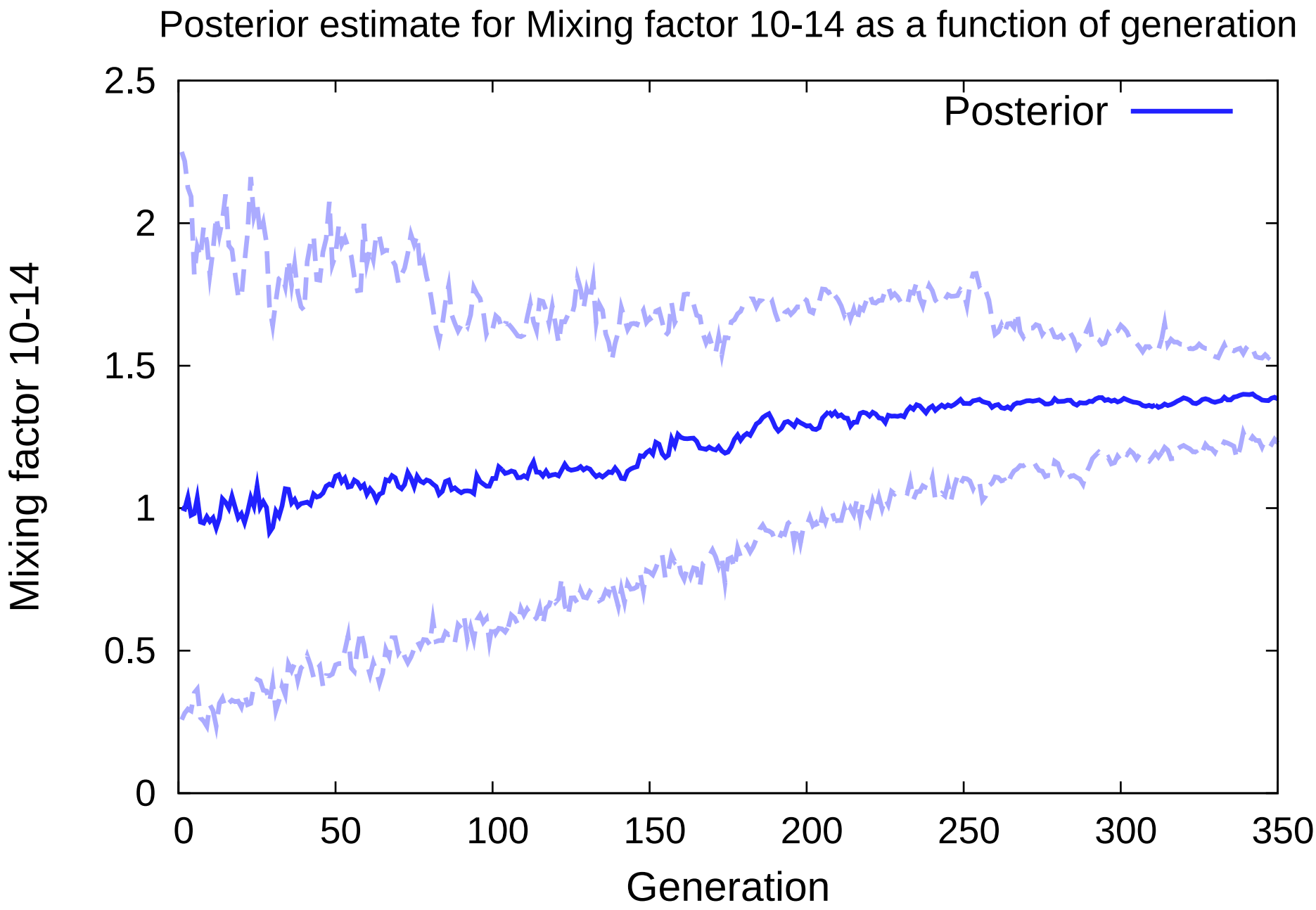

Posterior estimate for R_{33} as a function of generation
Posterior
R_{33}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

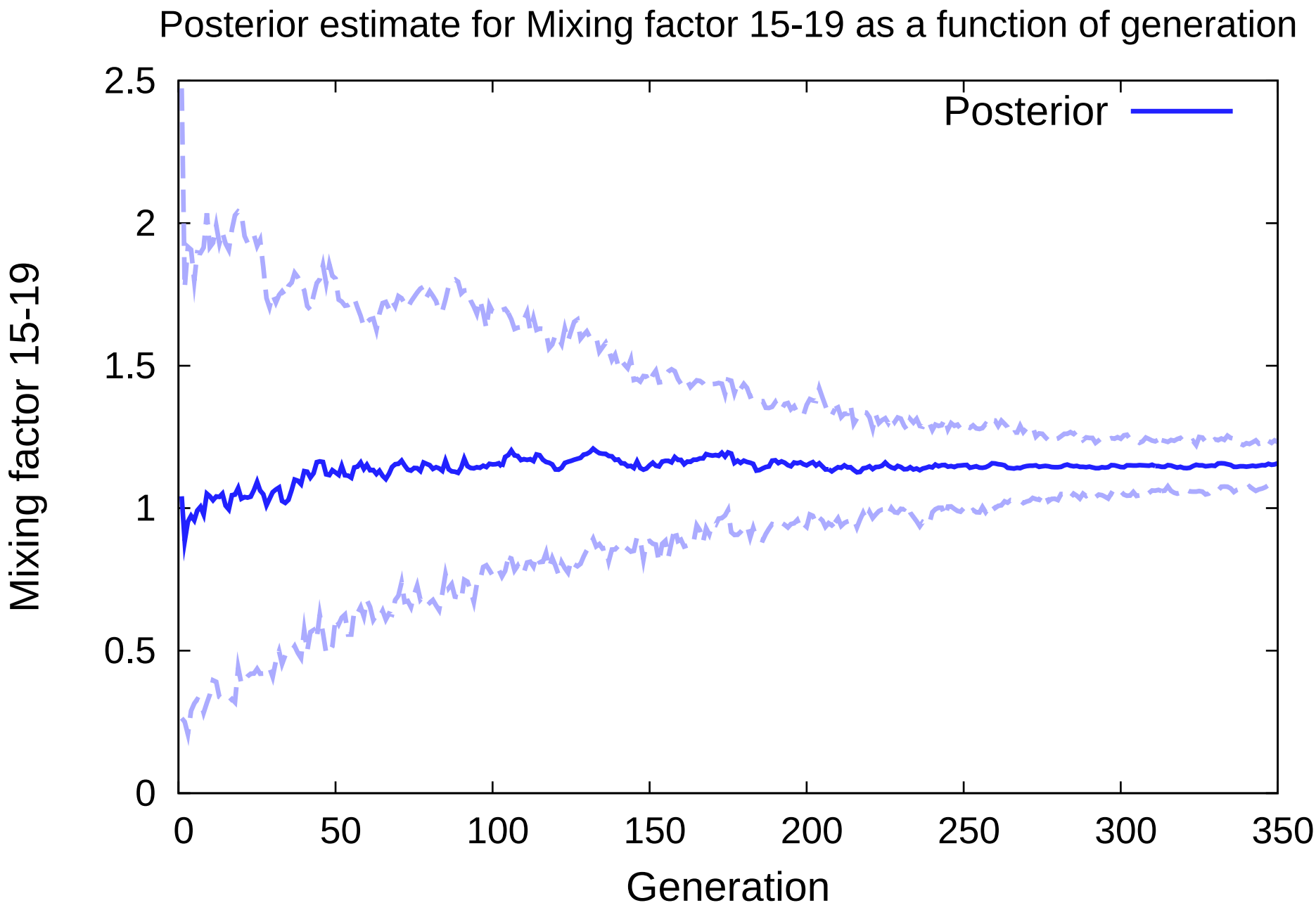

Posterior estimate for R_{34} as a function of generation
Posterior
R_{34}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

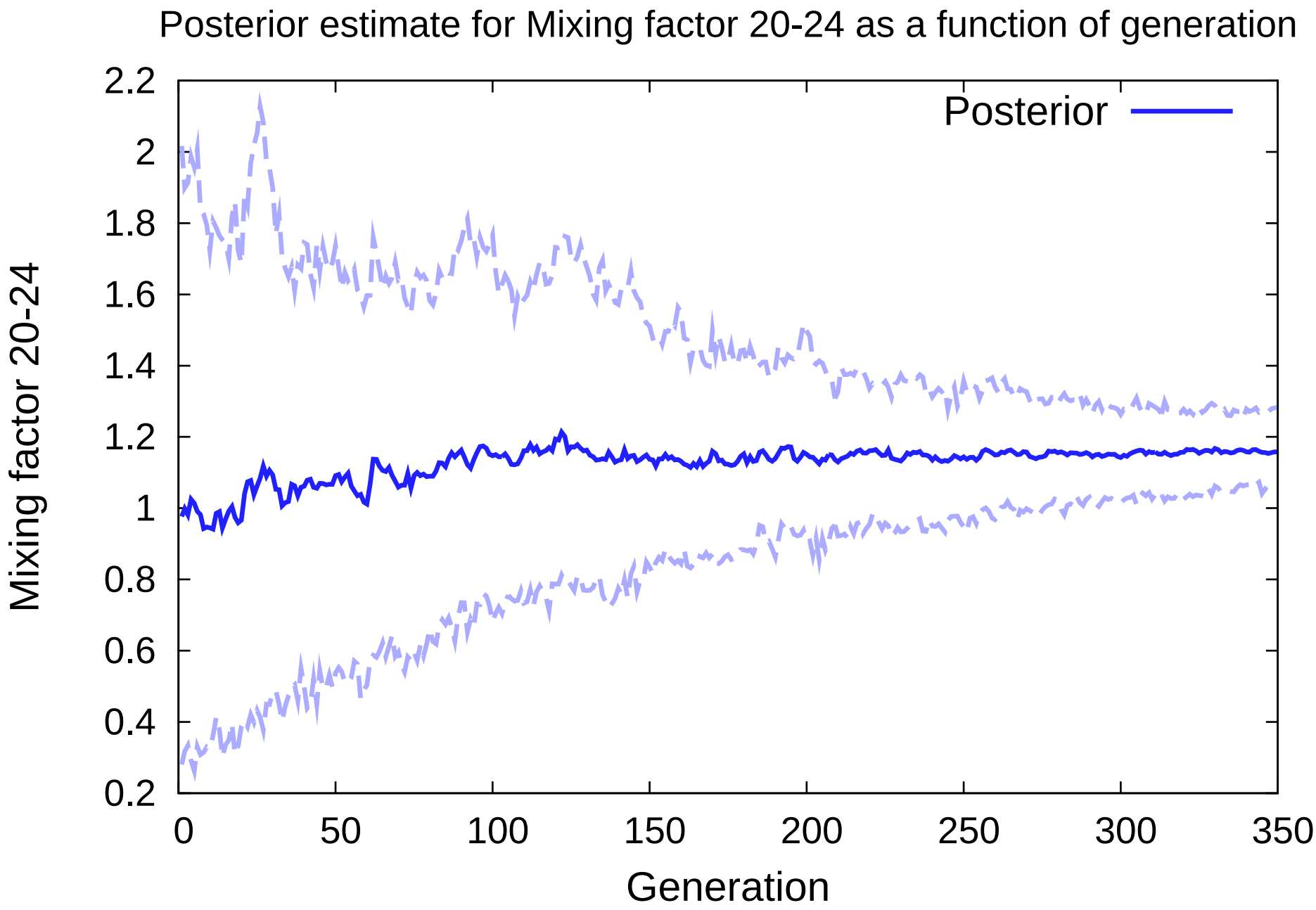

Posterior estimate for R_{35} as a function of generation
Posterior
R_{35}
2.5
2
1.5
1
0.5
0
50
100
150
200
250
300
350
Generation

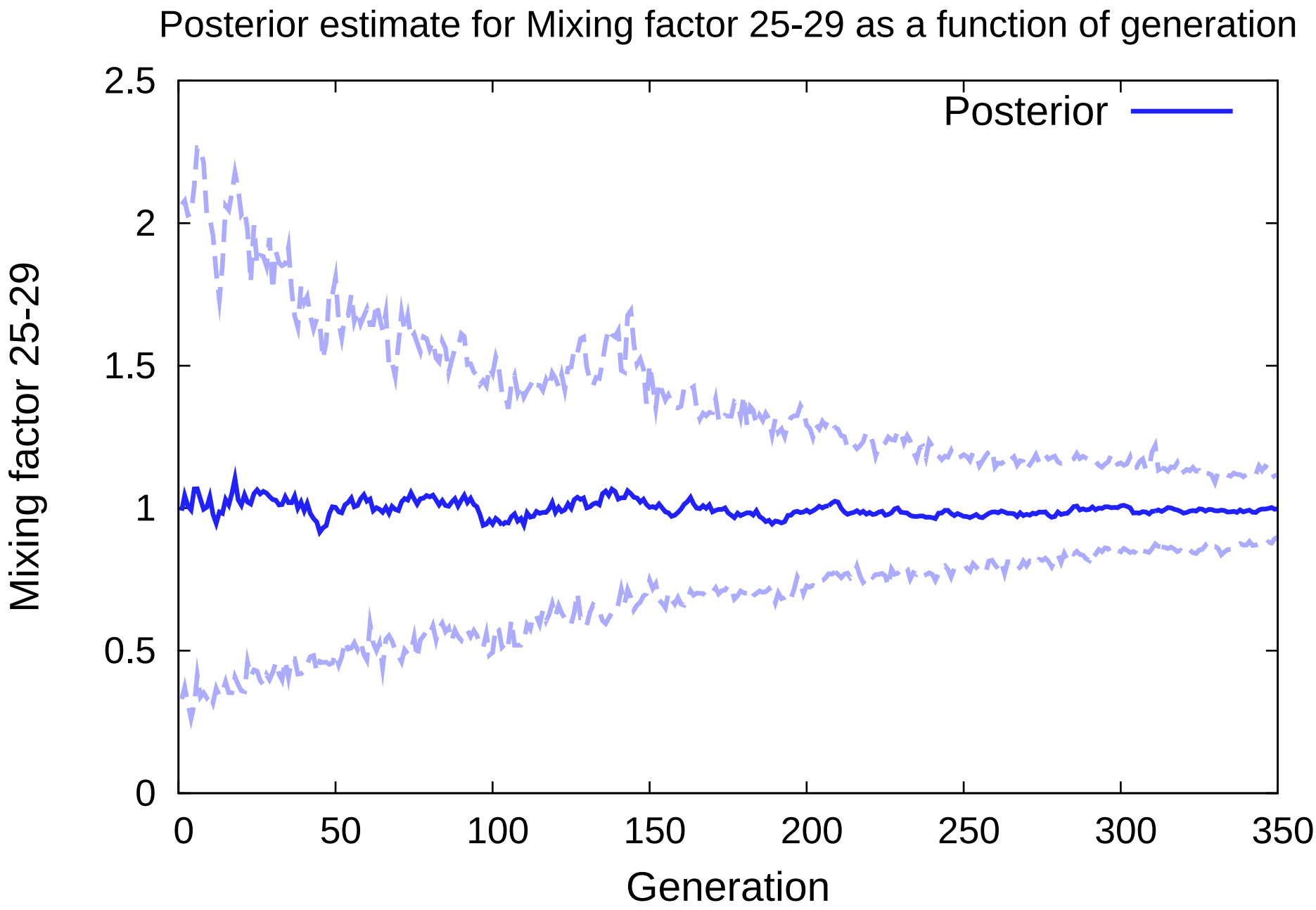

Posterior estimate for Mixing factor 0-4 as a function of generation
Posterior
Mixing factor 0-4
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

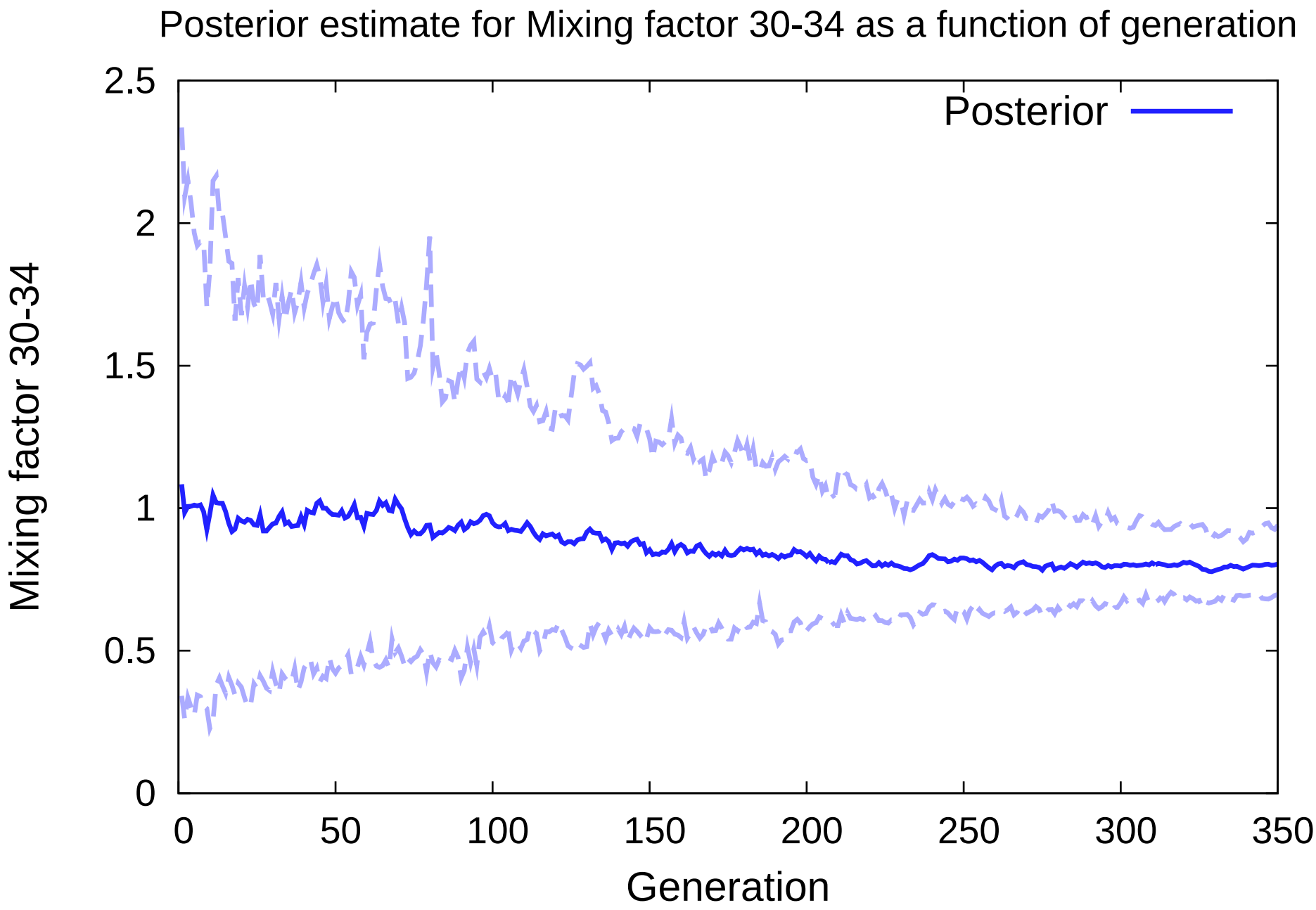

Posterior estimate for Mixing factor 5-9 as a function of generation
Posterior
Mixing factor 5-9
Generation
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
50
100
150
200
250
300
350

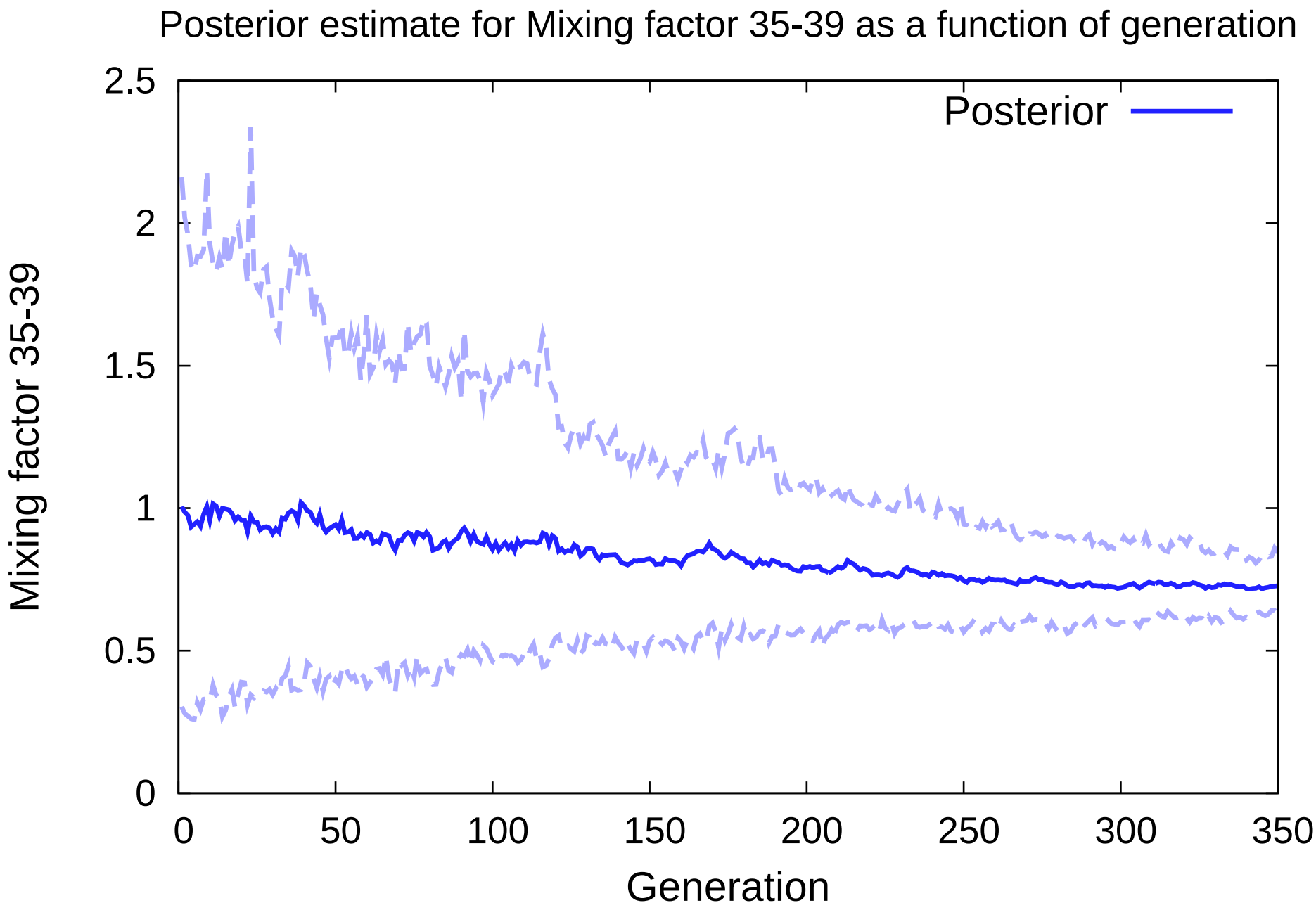

Posterior estimate for Mixing factor 10-14 as a function of generation
Posterior
Mixing factor 10-14
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

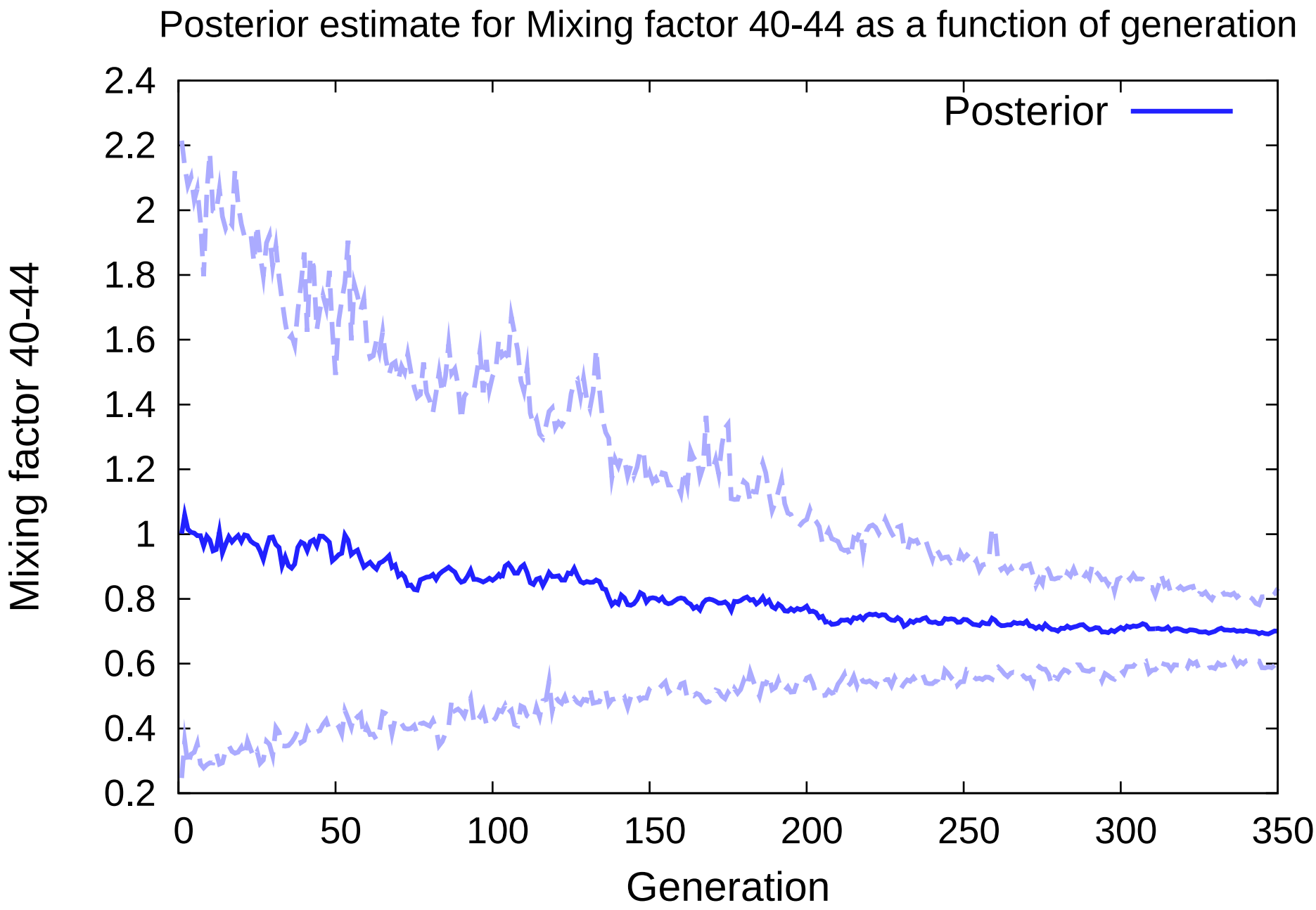

Posterior estimate for Mixing factor 15-19 as a function of generation
Posterior
Mixing factor 15-19
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

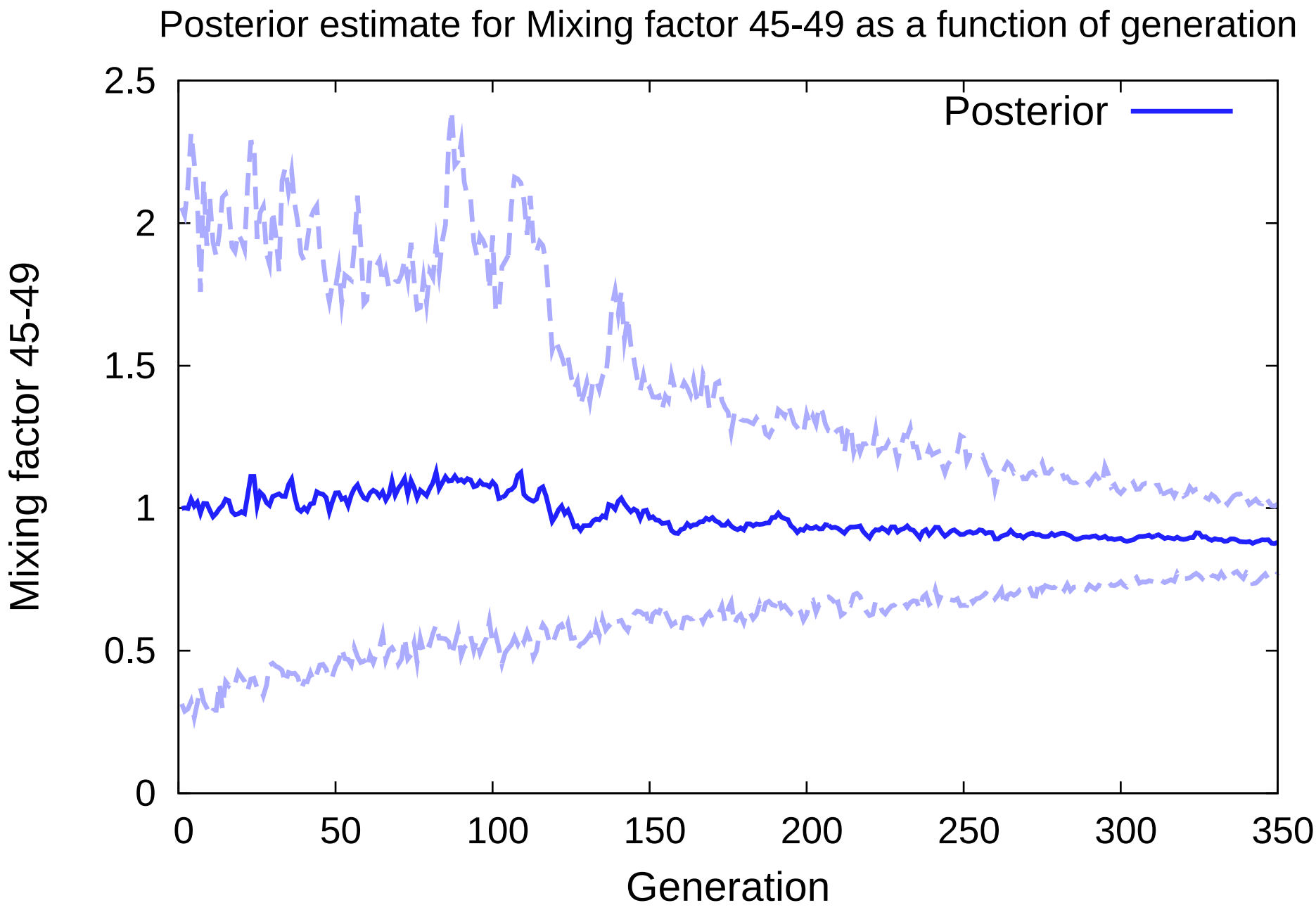

Posterior estimate for Mixing factor 20-24 as a function of generation
Posterior
Mixing factor 20-24
Generation
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
50
100
150
200
250
300
350

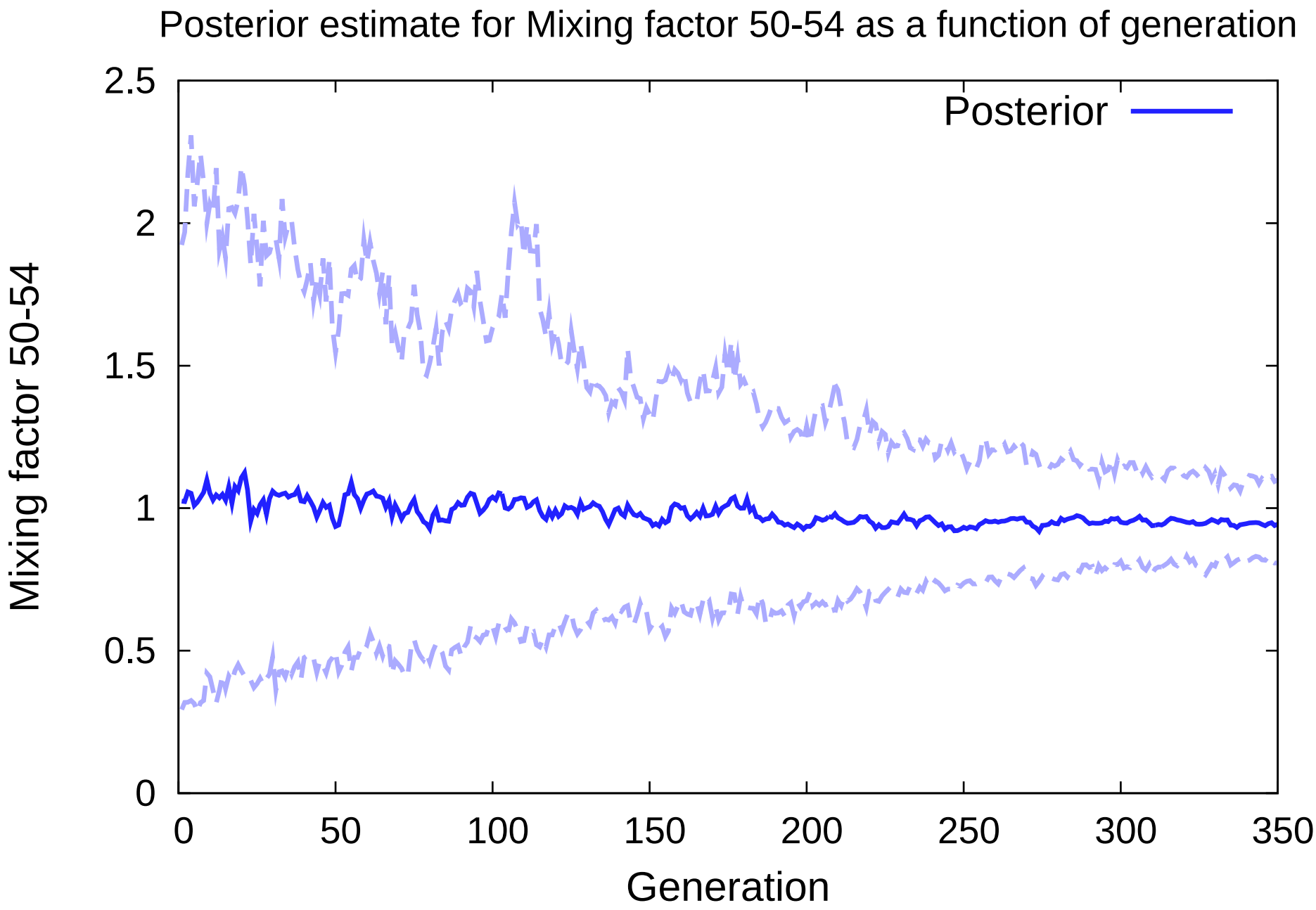

Posterior estimate for Mixing factor 25-29 as a function of generation
Posterior
Mixing factor 25-29
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

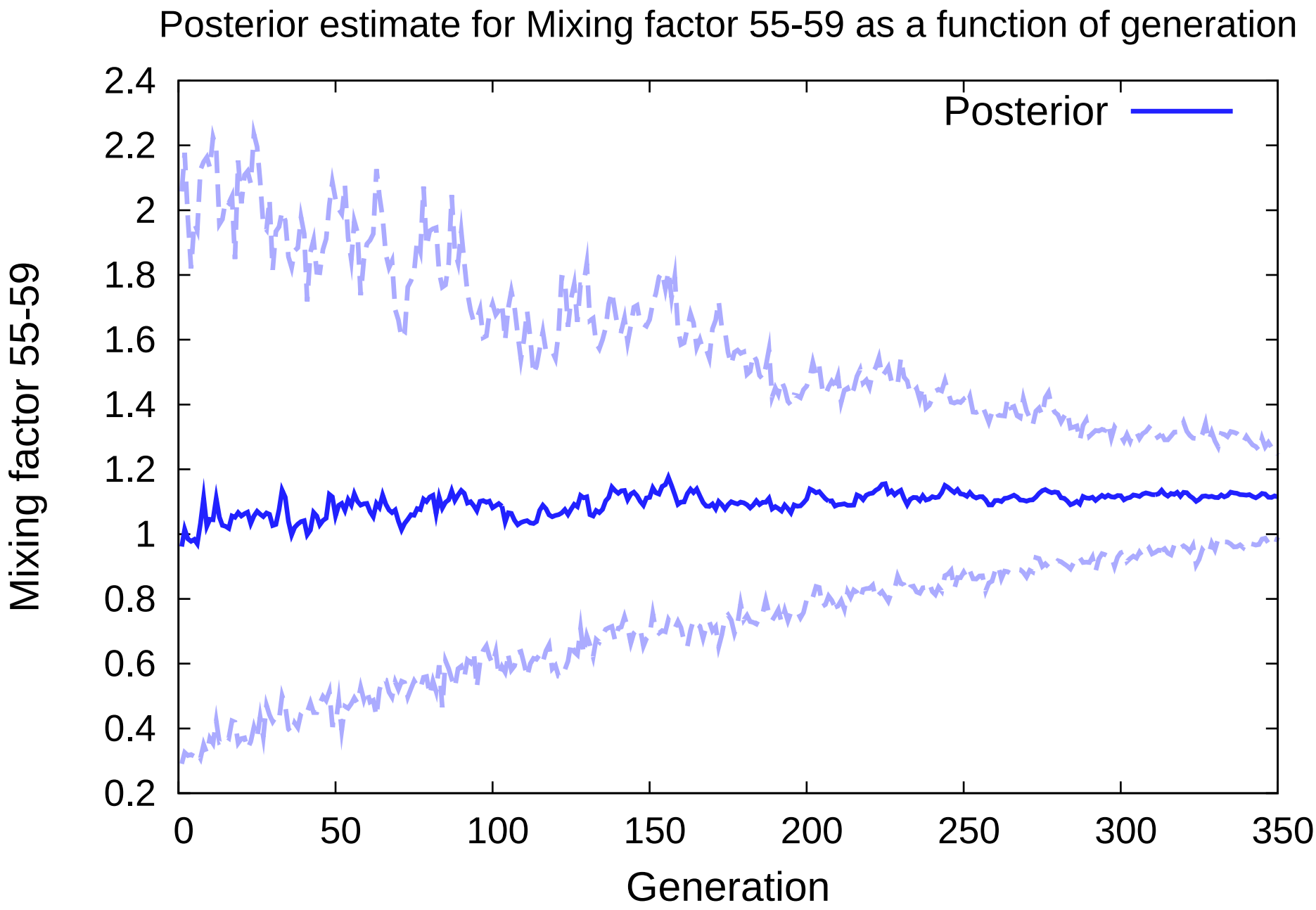

Posterior estimate for Mixing factor 30-34 as a function of generation
Posterior
Mixing factor 30-34
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

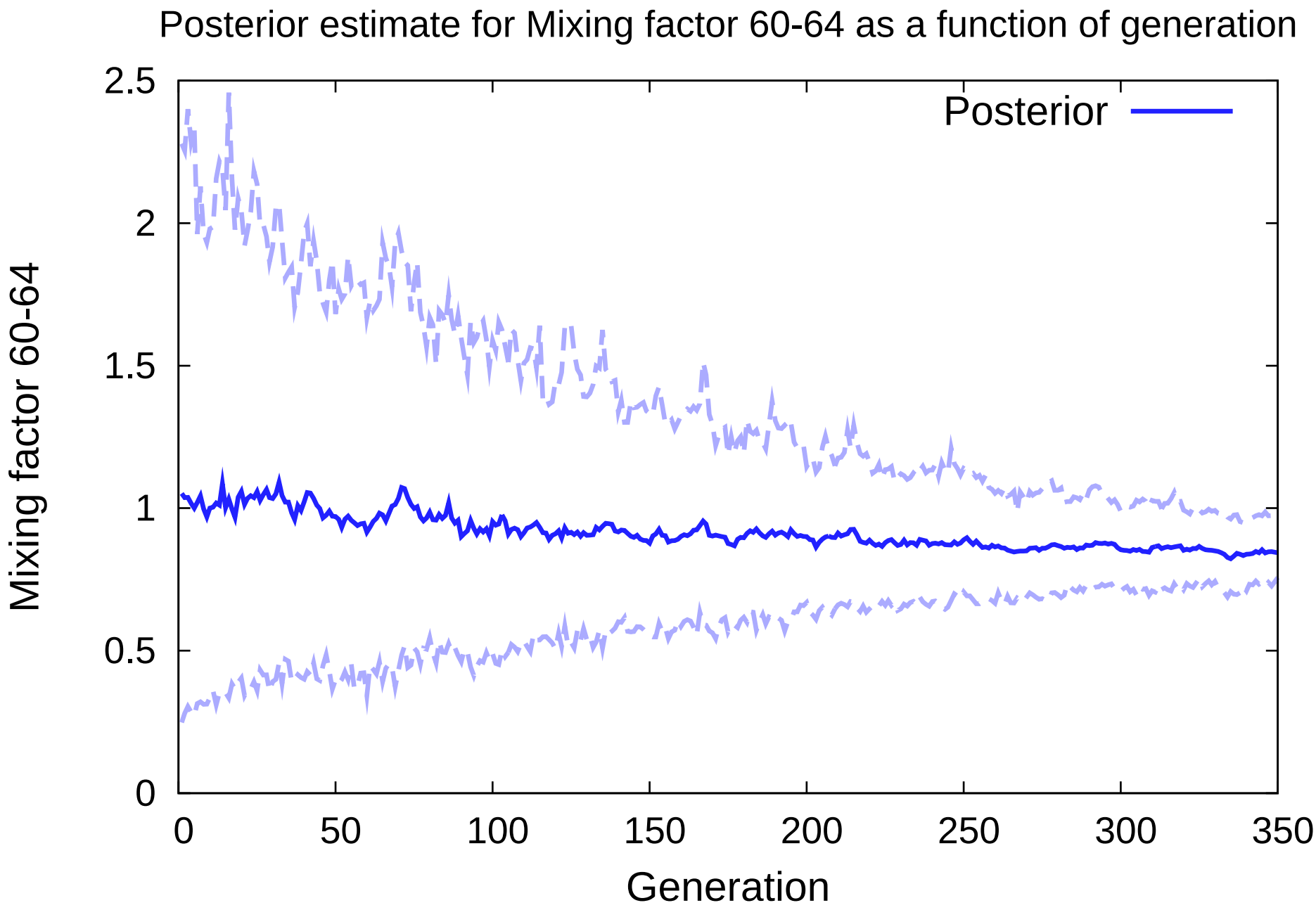

Posterior estimate for Mixing factor 35-39 as a function of generation
Posterior
Mixing factor 35-39
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

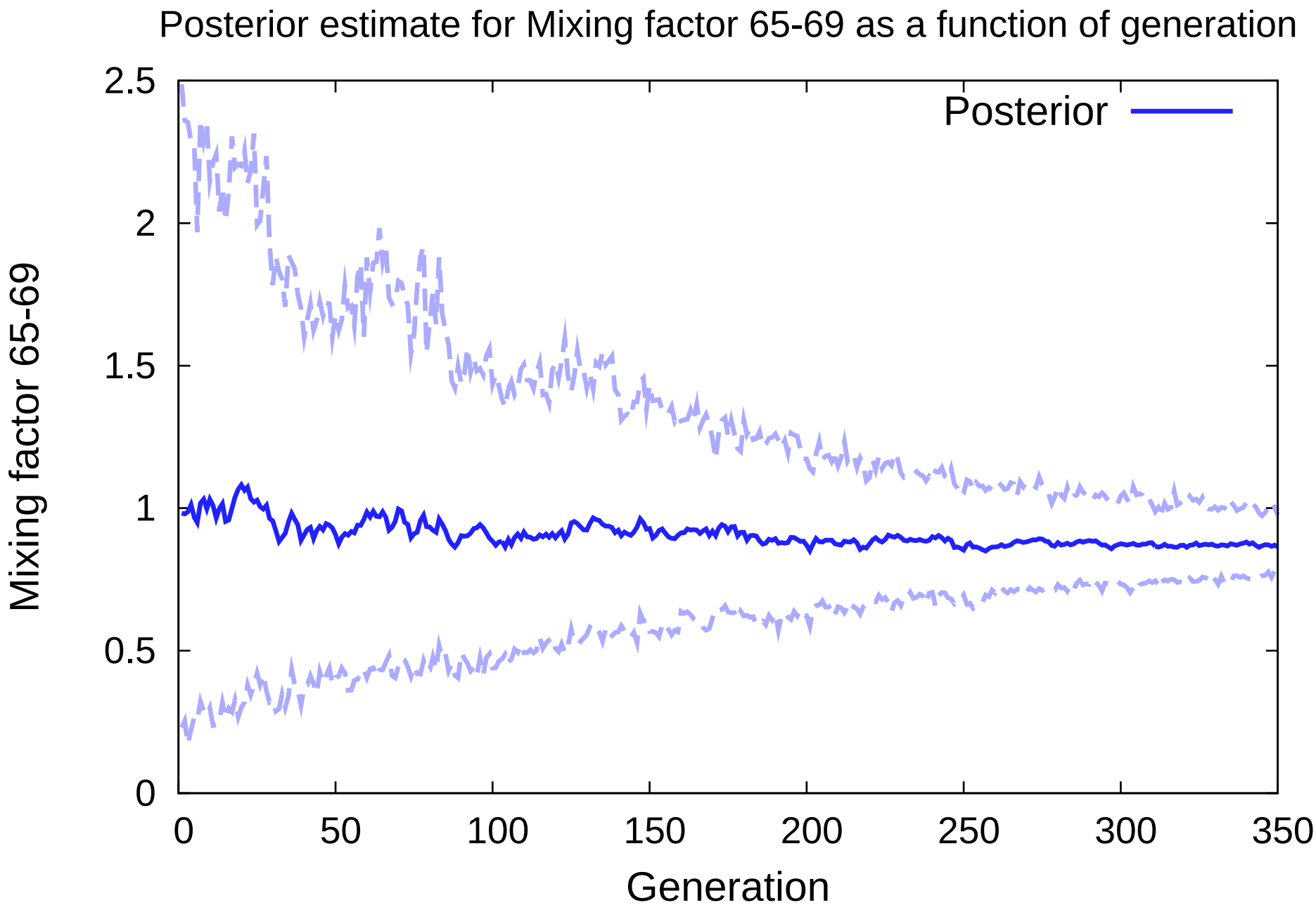

Posterior estimate for Mixing factor 40-44 as a function of generation
Posterior
Mixing factor 40-44
Generation
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
50
100
150
200
250
300
350

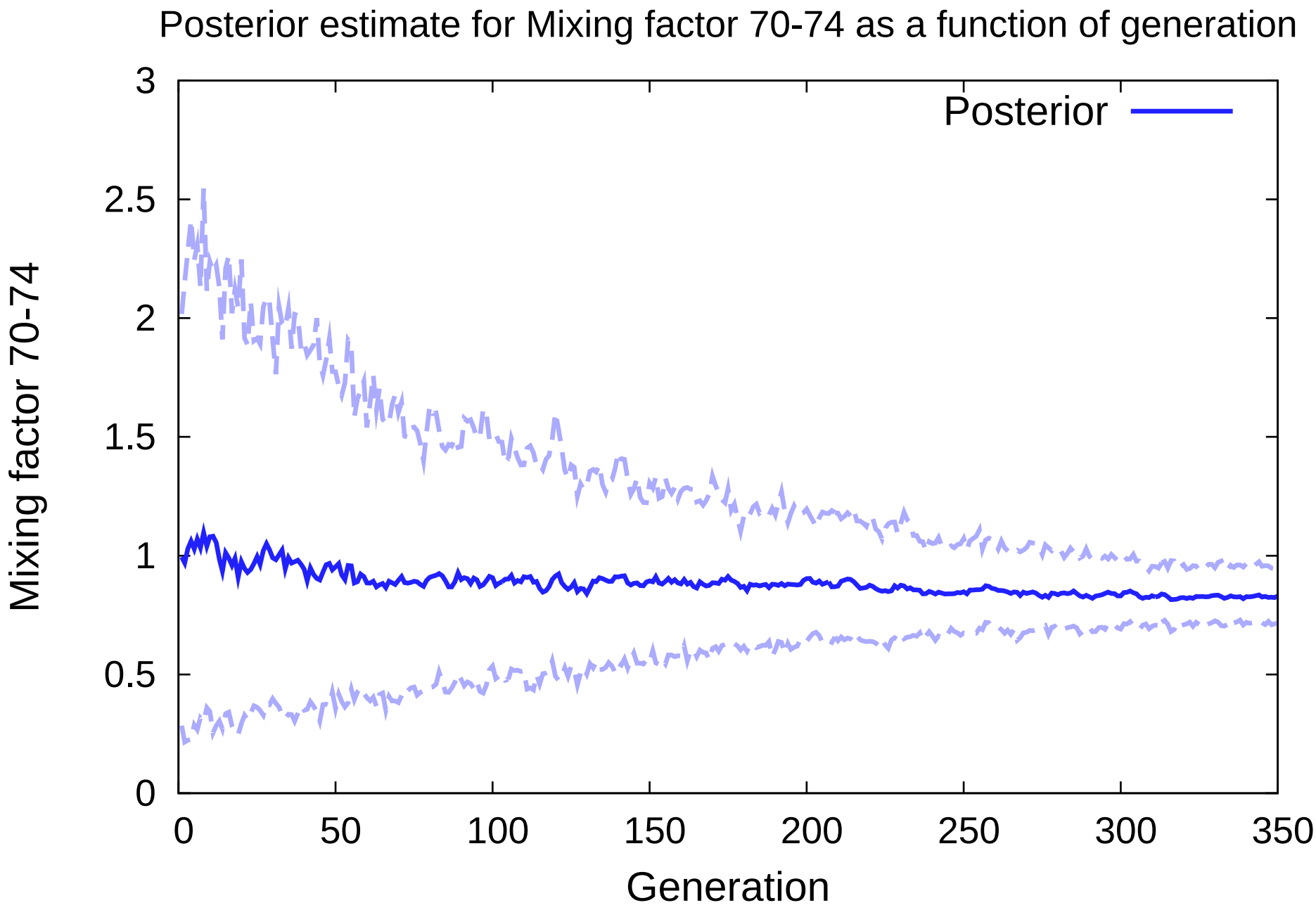

Posterior estimate for Mixing factor 45-49 as a function of generation
Posterior
Mixing factor 45-49
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

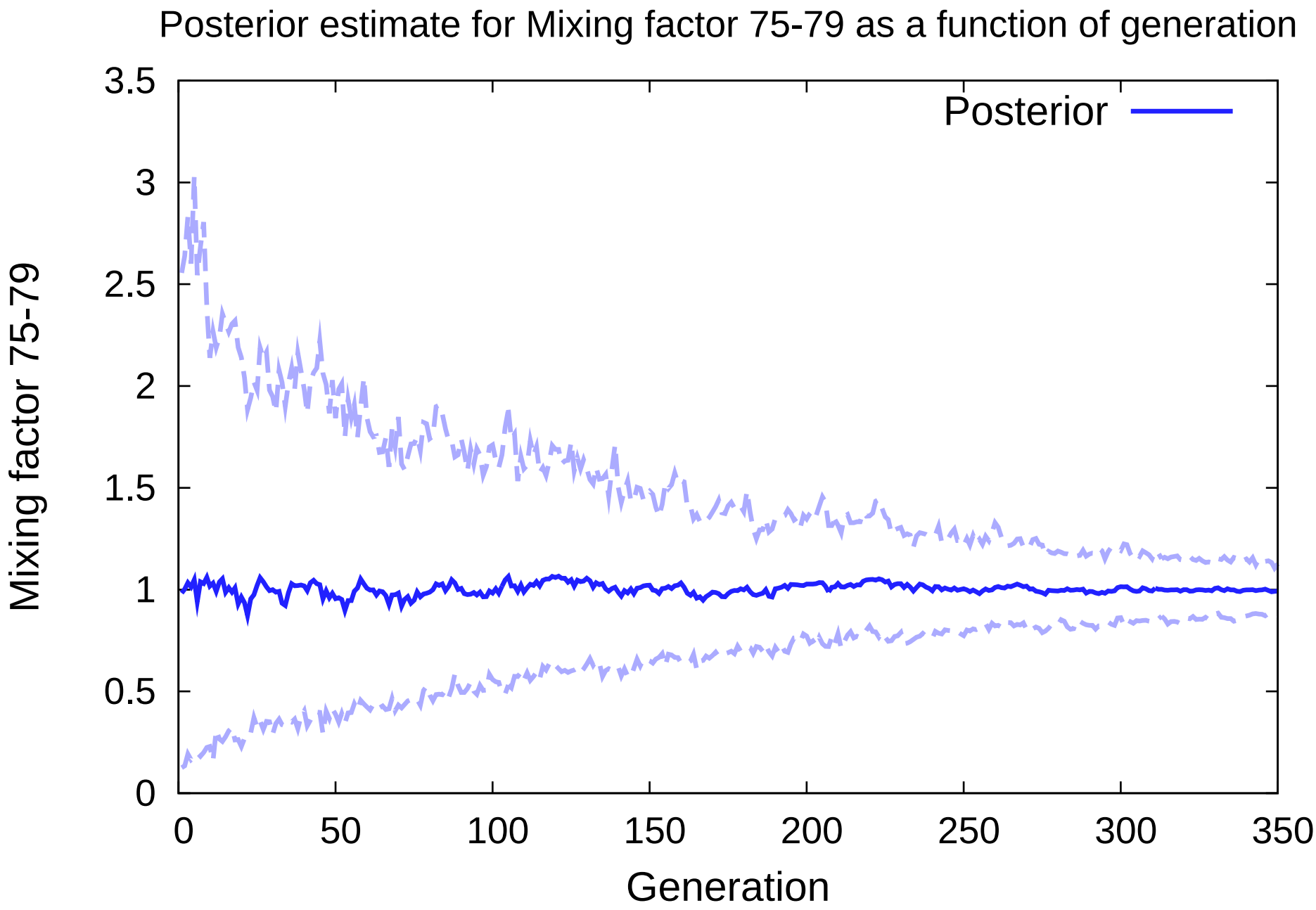

Posterior estimate for Mixing factor 50-54 as a function of generation
Posterior
Mixing factor 50-54
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

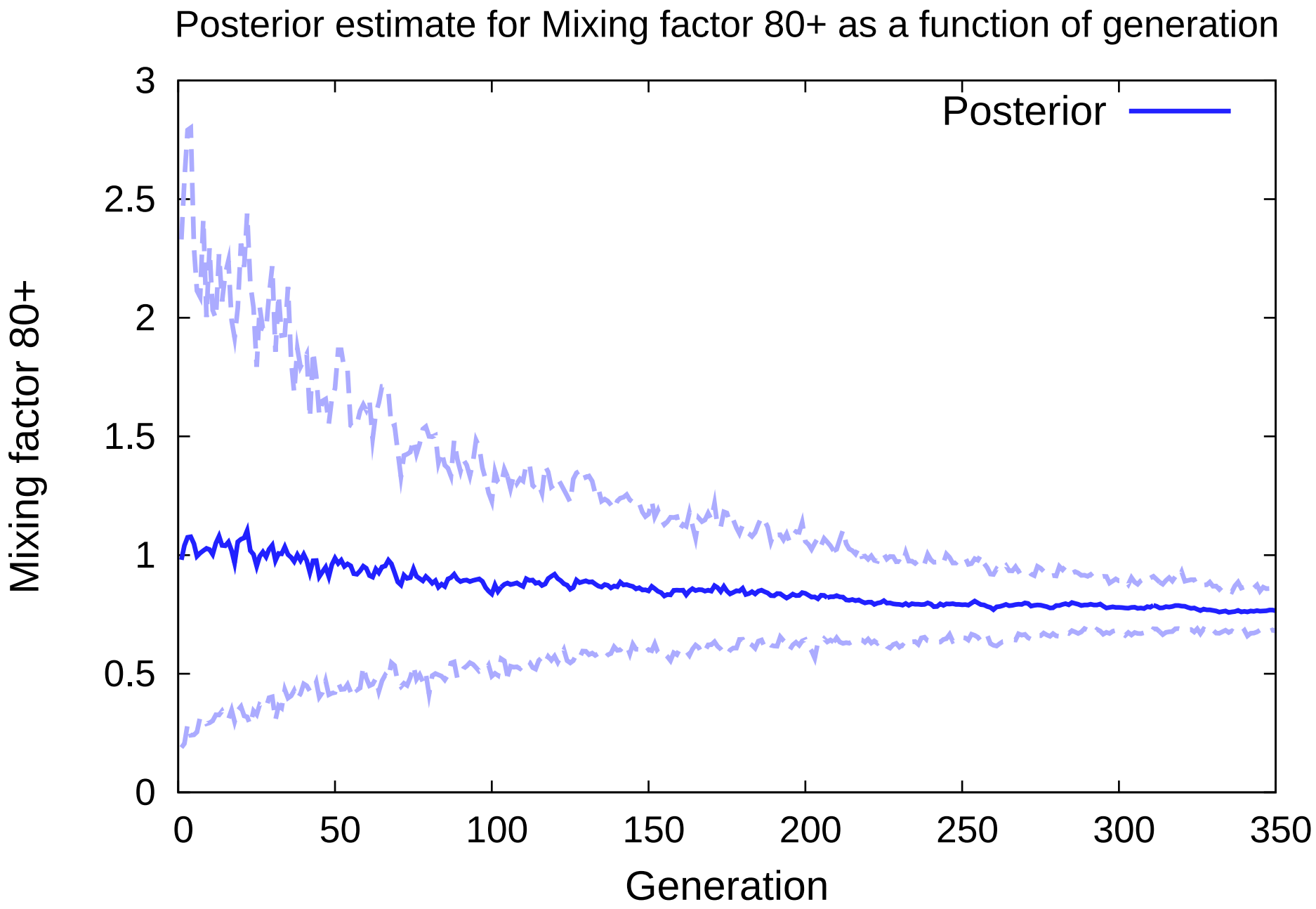

Posterior estimate for Mixing factor 55-59 as a function of generation
Posterior
Mixing factor 55-59
Generation
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
50
100
150
200
250
300
350

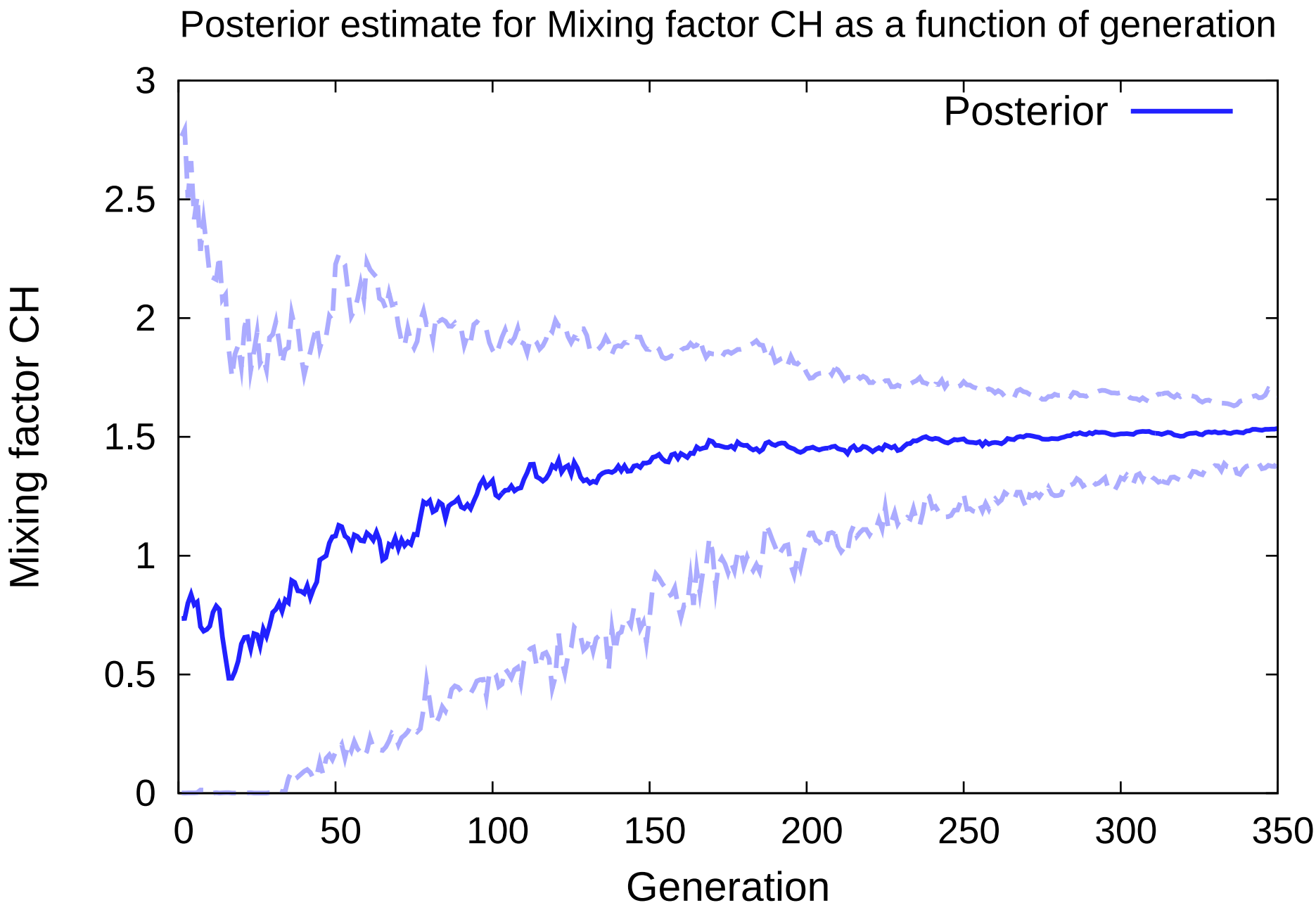

Posterior estimate for Mixing factor 60-64 as a function of generation
Posterior
Mixing factor 60-64
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

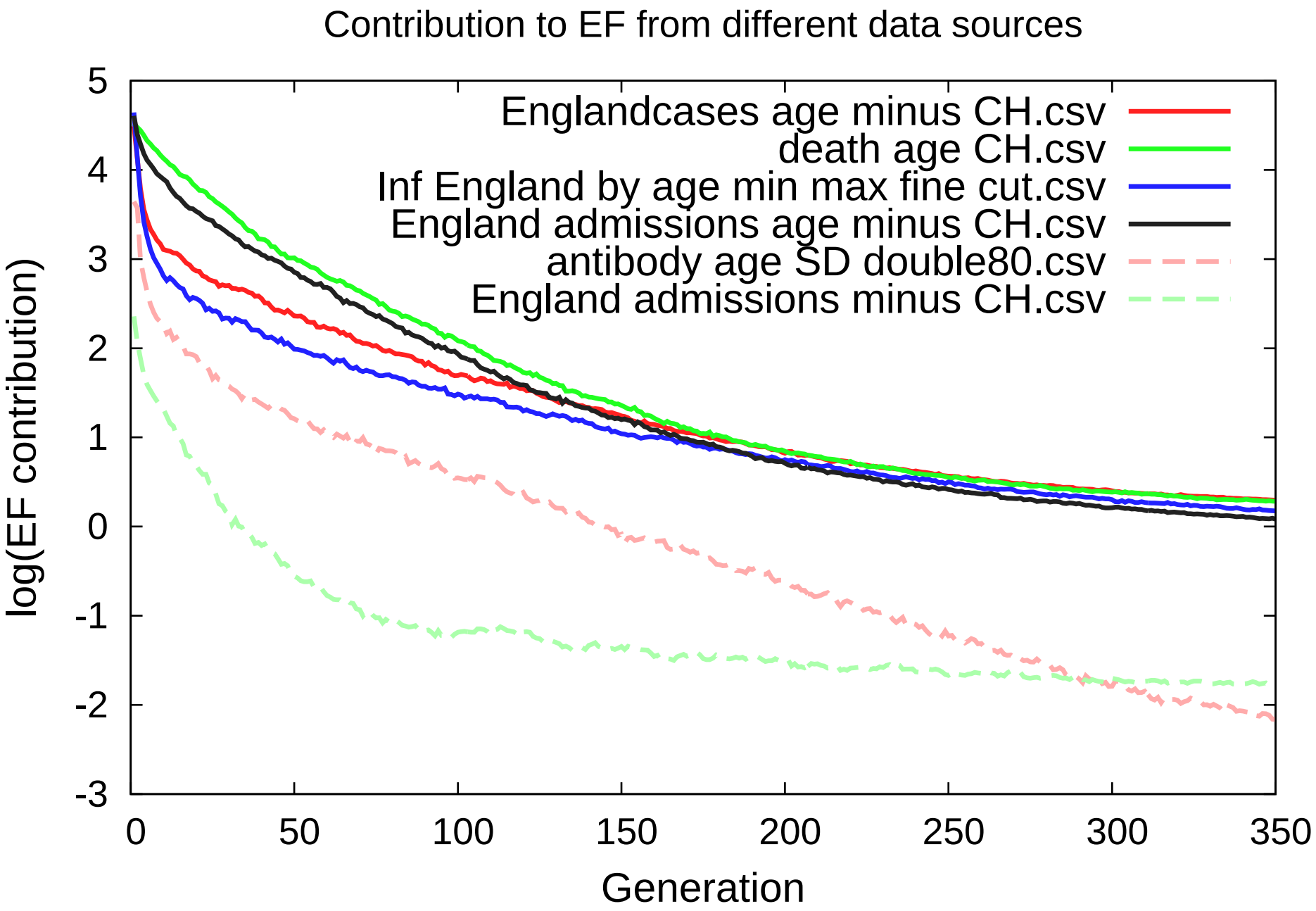

Posterior estimate for Mixing factor 65-69 as a function of generation
Posterior
Mixing factor 65-69
Generation
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250
300
350

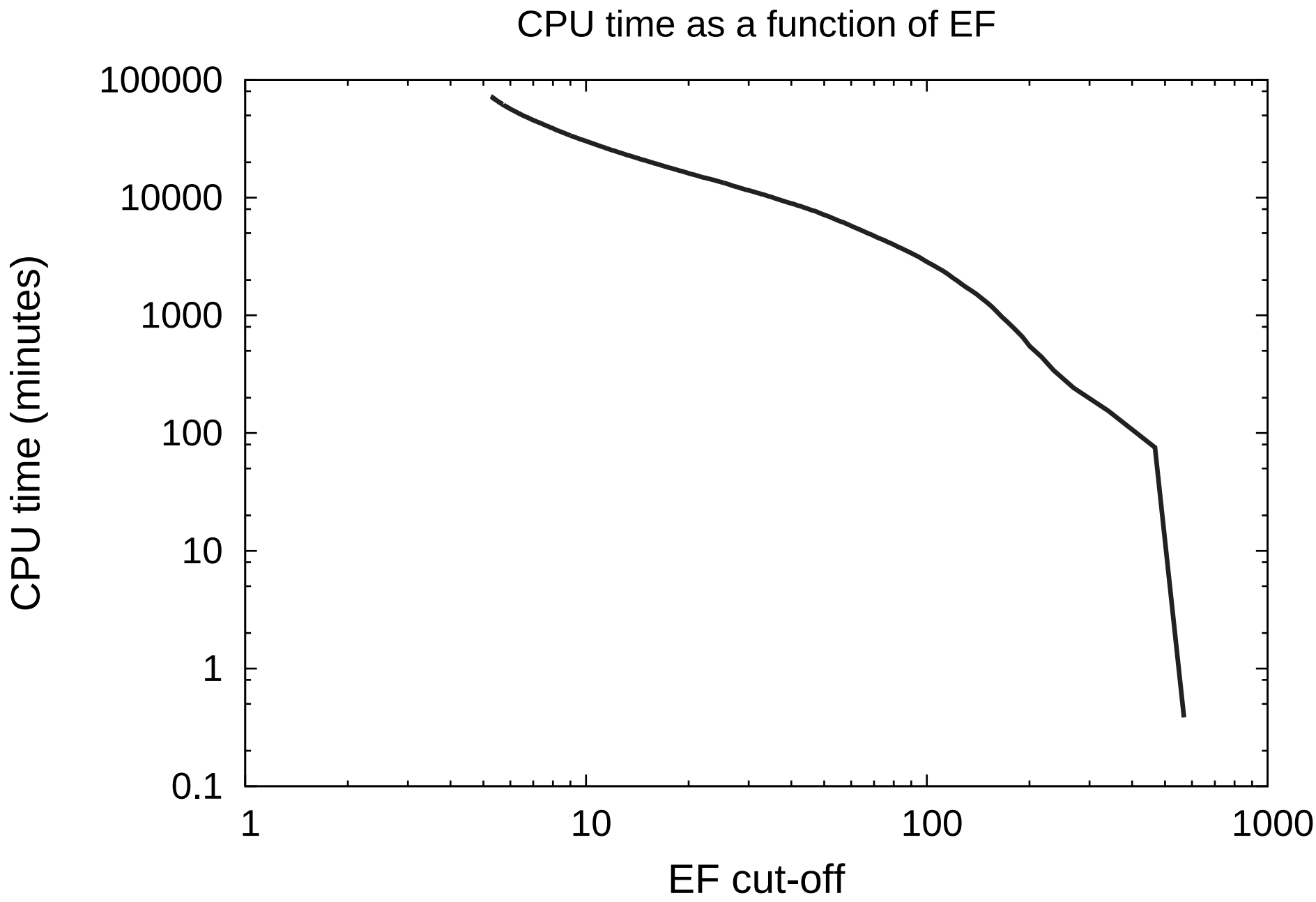

Posterior estimate for Mixing factor 70-74 as a function of generation
Posterior
Mixing factor 70-74
Generation
0
0.5
1
1.5
2
2.5
3
0
50
100
150
200
250
300
350

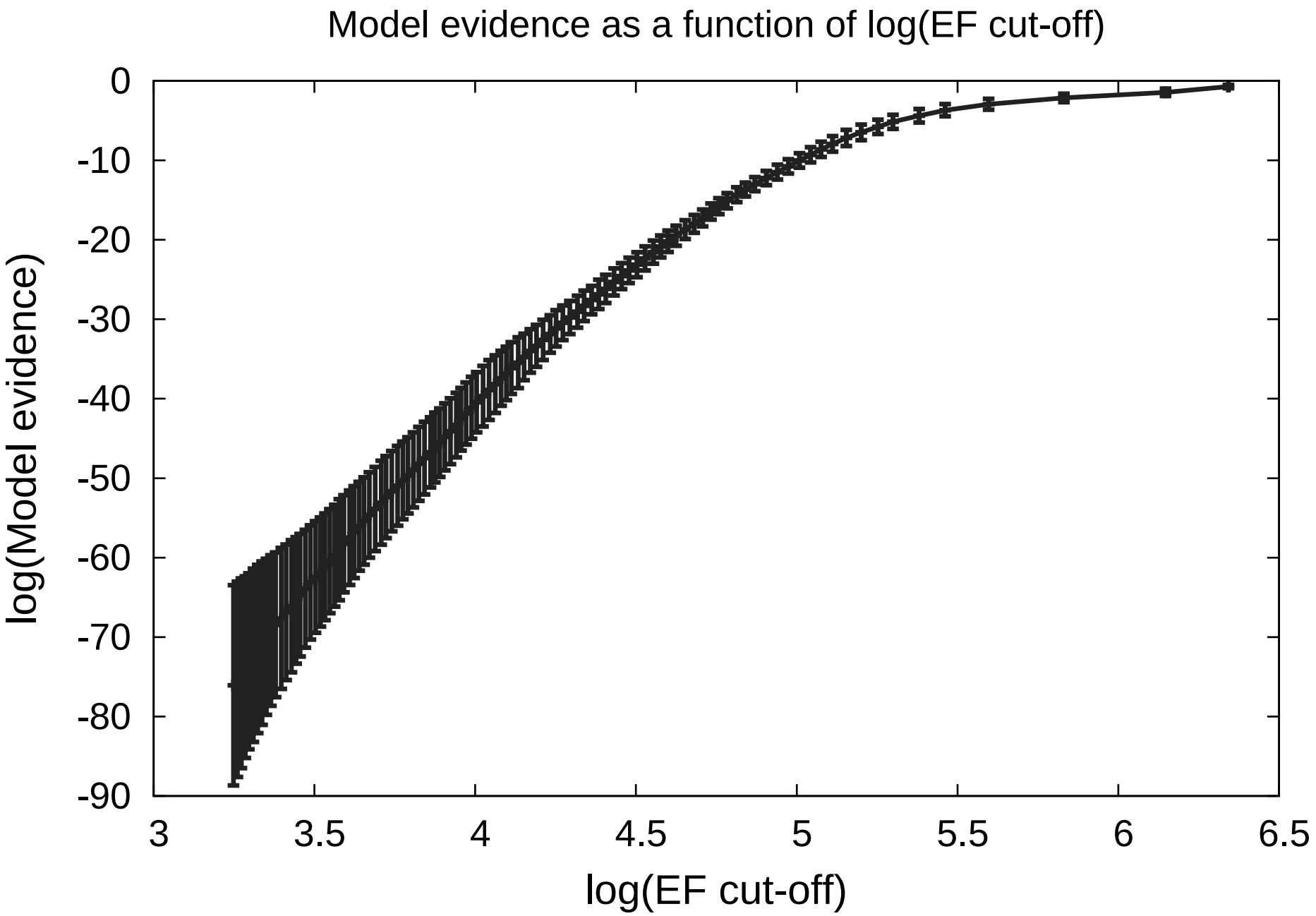

Posterior estimate for Mixing factor 75-79 as a function of generation
Posterior
Mixing factor 75-79
Generation
0
0.5
1
1.5
2
2.5
3
3.5
0
50
100
150
200
250
300
350


Posterior estimate for Mixing factor 80+ as a function of generation
Posterior
Mixing factor 80+
Generation
0
0.5
1
1.5
2
2.5
3
0
50
100
150
200
250
300
350


Posterior estimate for Mixing factor CH as a function of generation
Posterior
Mixing factor CH
Generation
0
0.5
1
1.5
2
2.5
3
0
50
100
150
200
250
300
350


Contribution to EF from different data sources
Englandcases age minus CH.csv
death age CH.csv
Inf England by age min max fine cut.csv
England admissions age minus CH.csv
antibody age SD double80.csv
England admissions minus CH.csv
log(EF contribution)
Generation
5
4
3
2
1
0
-1
-2
-3
0
50
100
150
200
250
300
350


CPU time as a function of EF
CPU time (minutes)
100000
10000
1000
100
10
1
0.1
1
10
100
1000
EF cut-off


Model evidence as a function of log(EF cut-off)
log(Model evidence)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
3
3.5
4
4.5
5
5.5
6
6.5
log(EF cut-off)