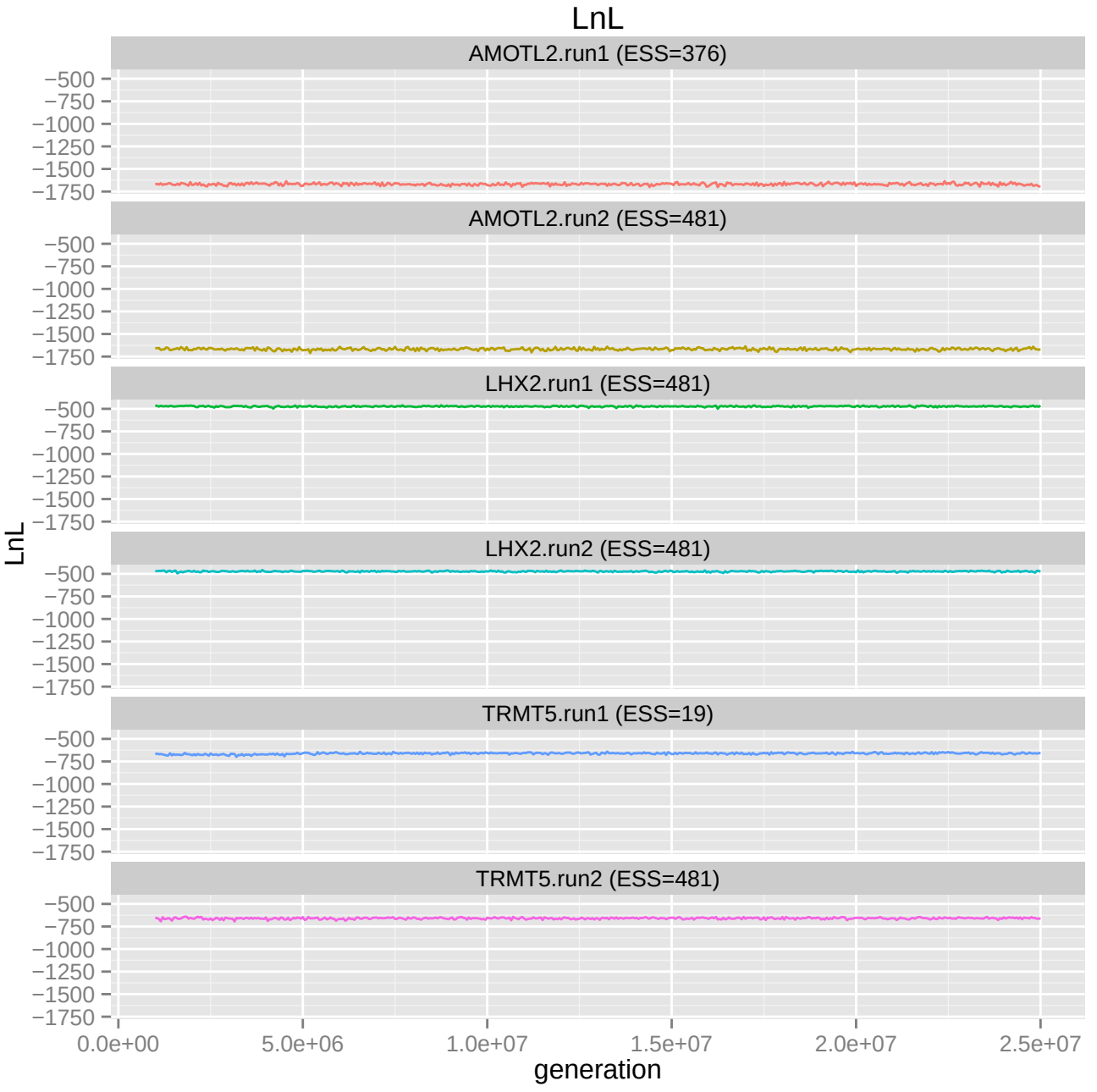
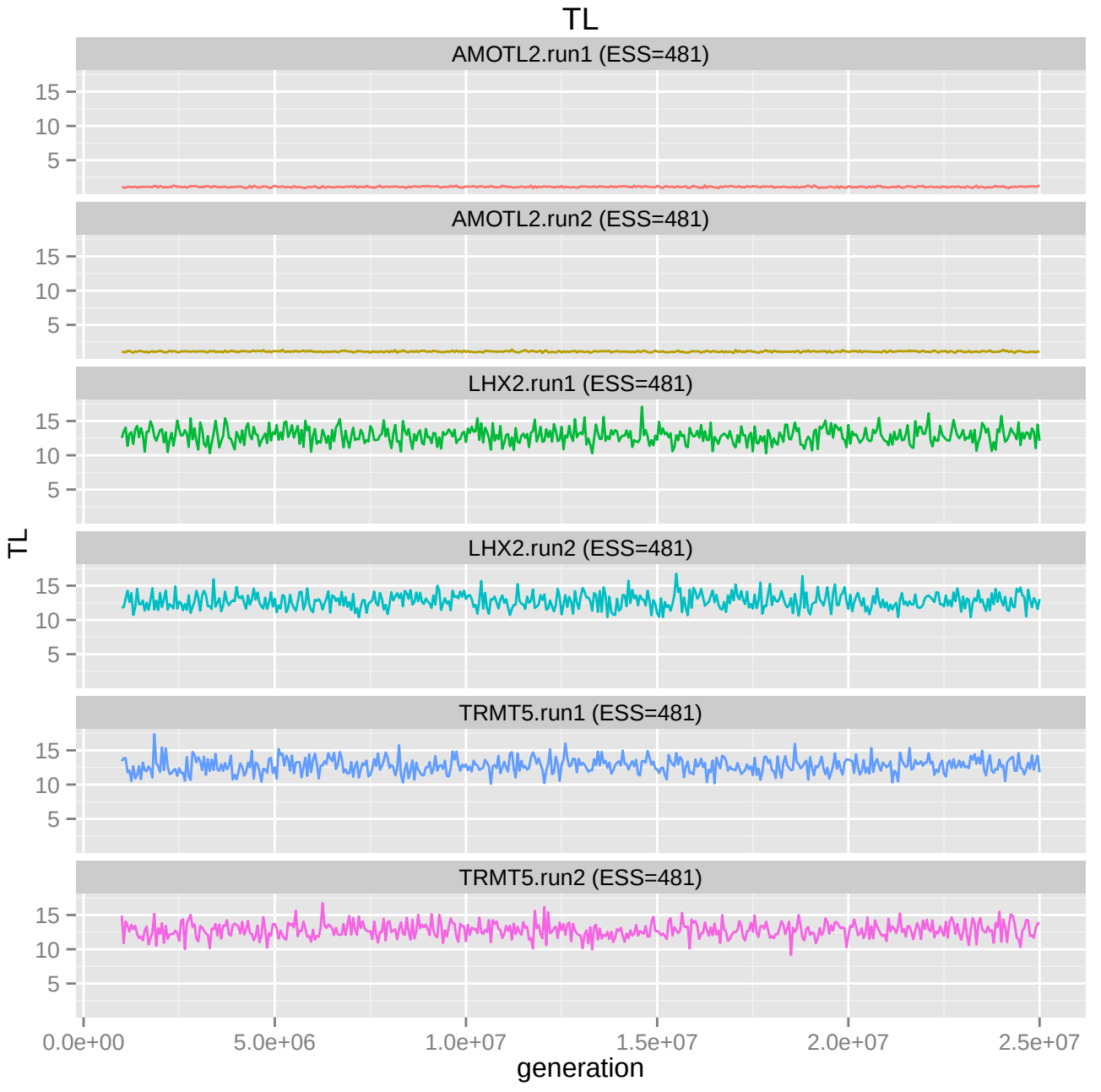
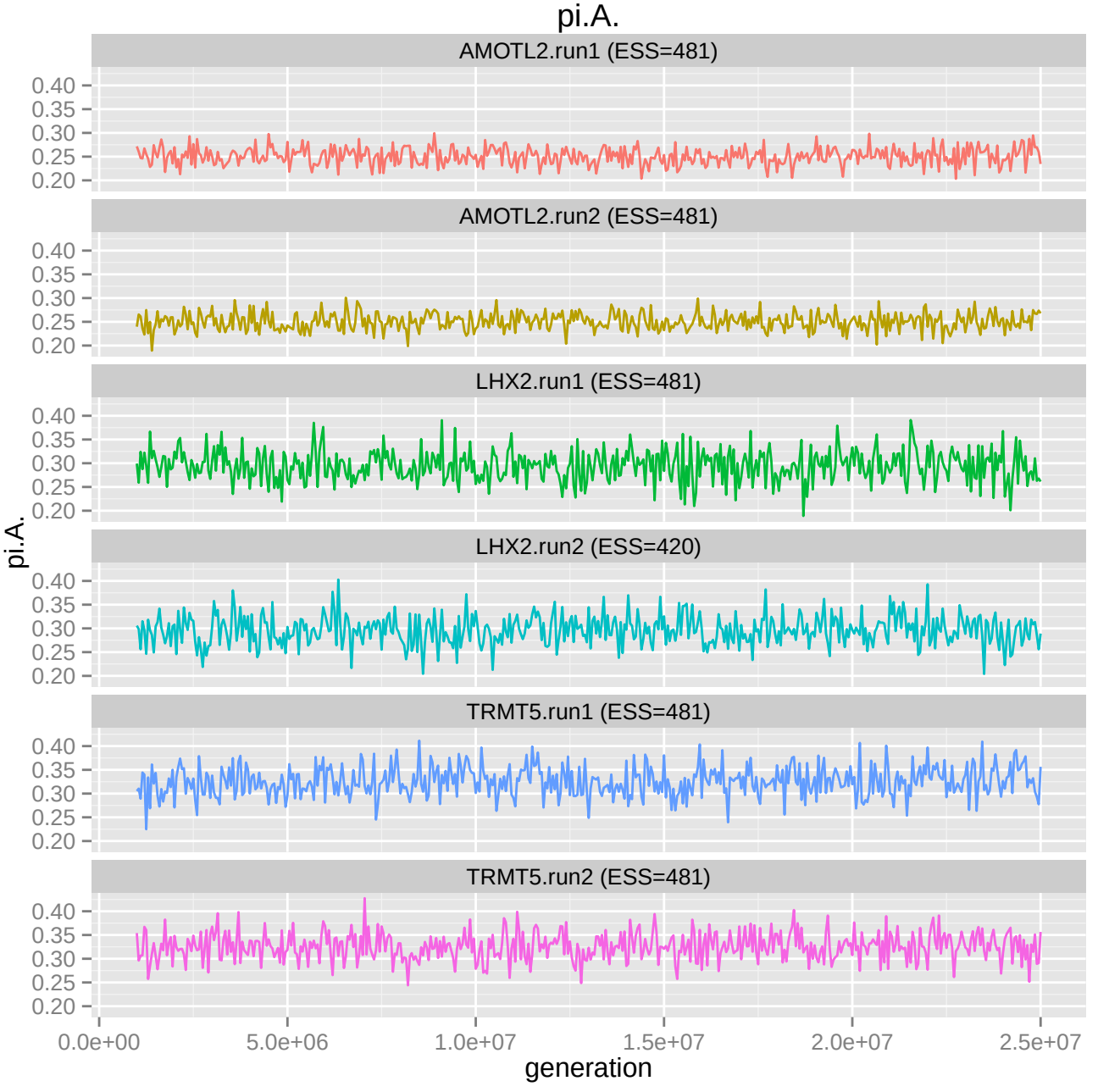
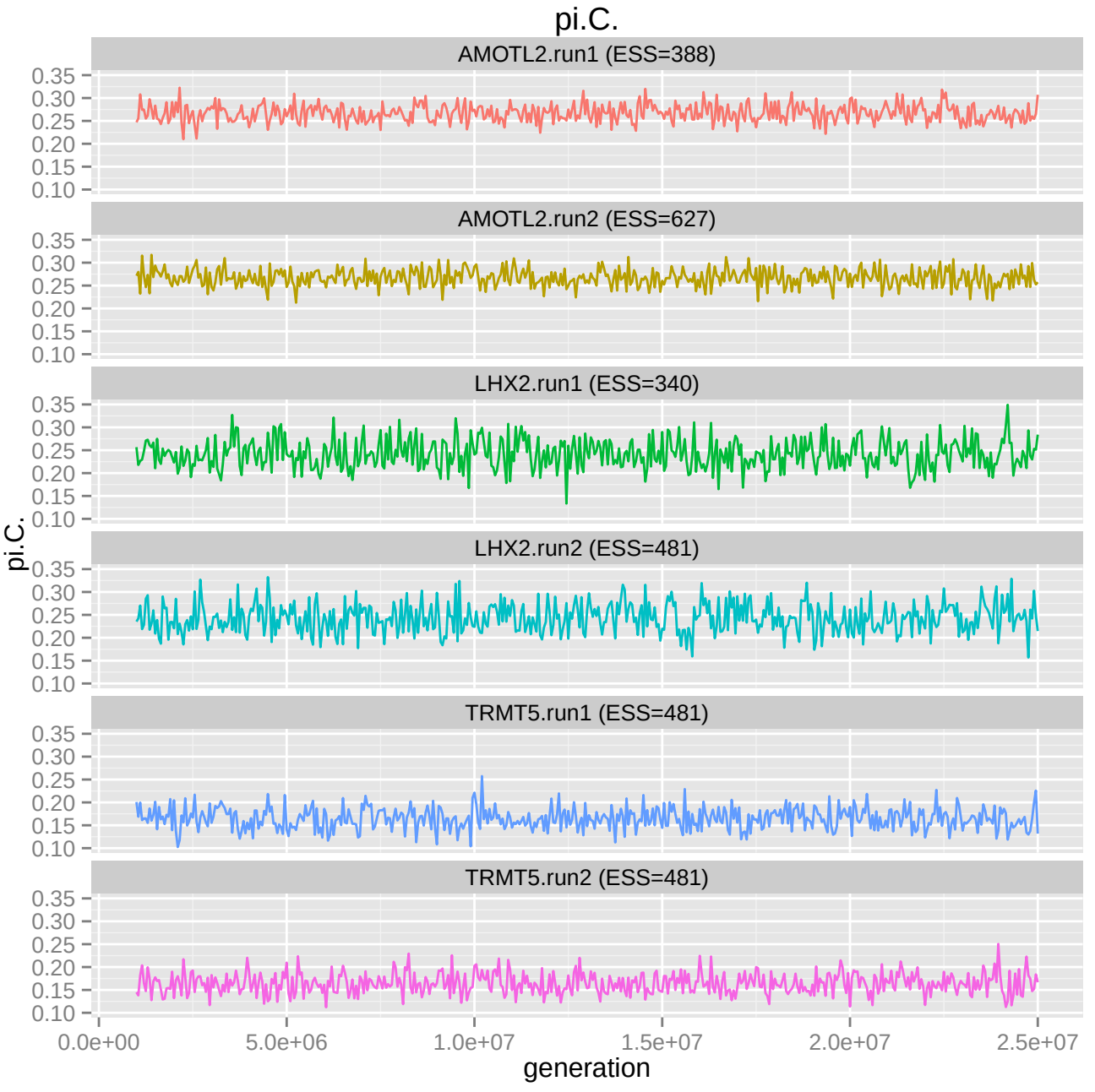
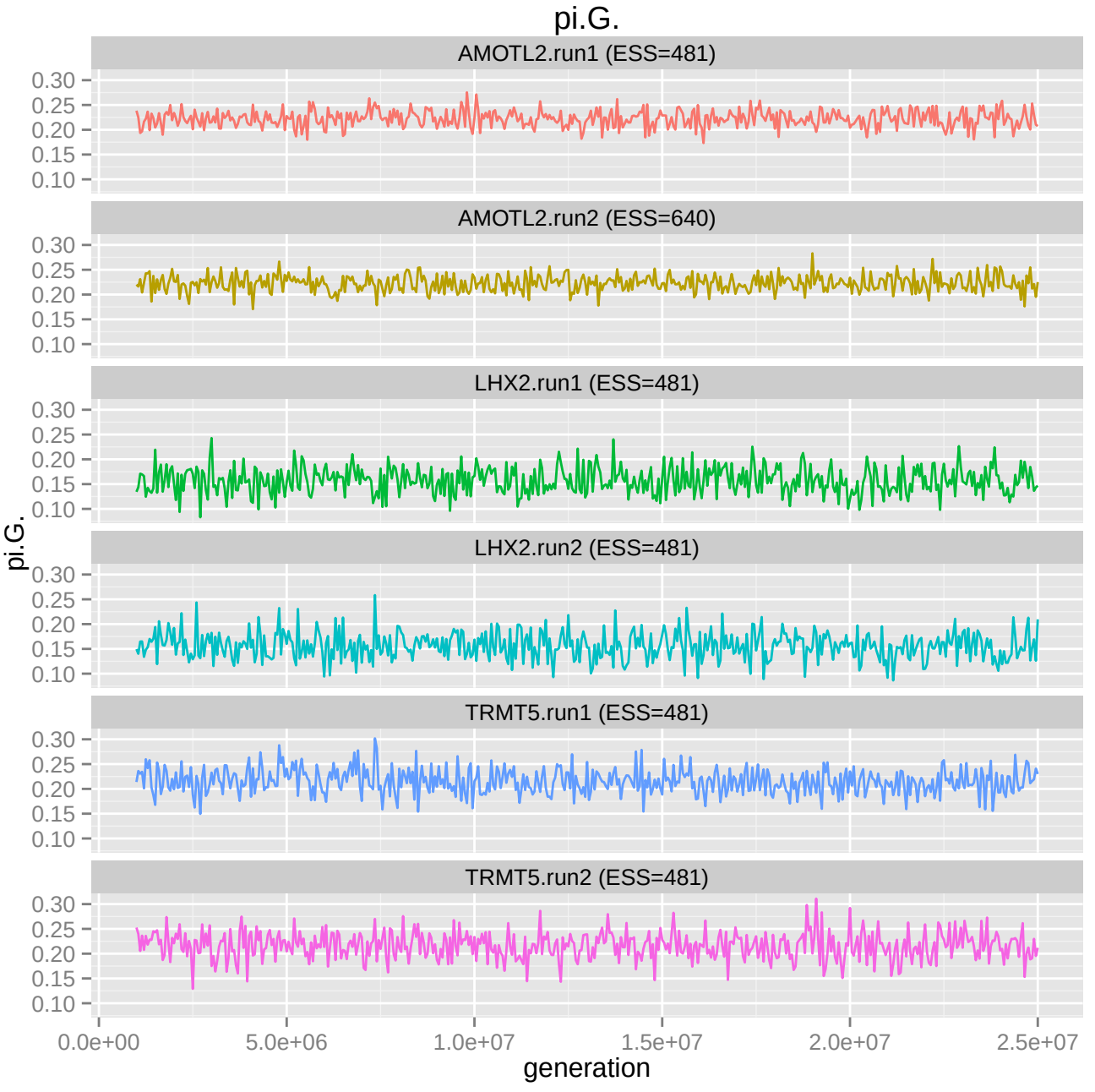
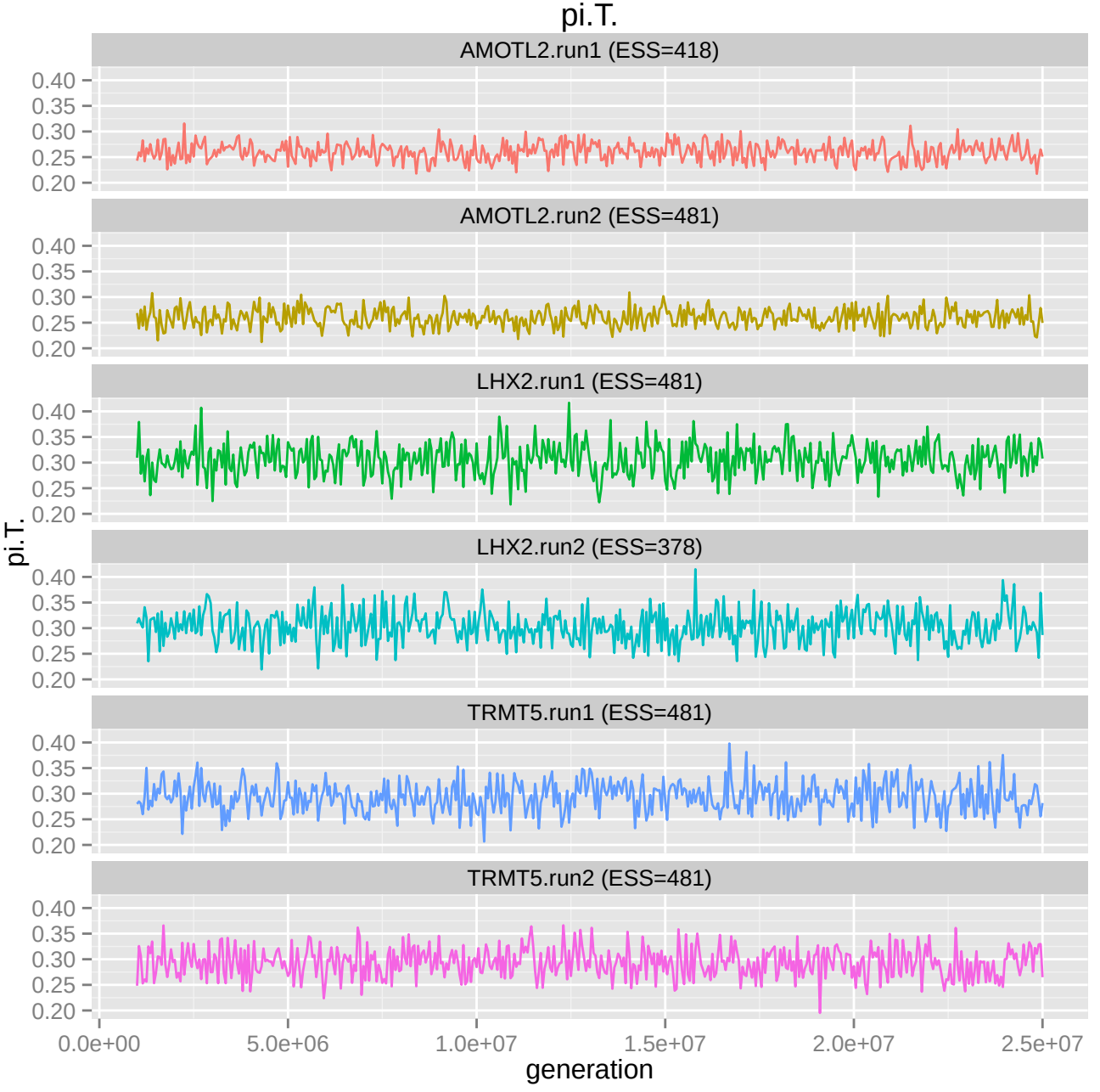

LnL
AMOTL2.run1 (ESS=376)
AMOTL2.run2 (ESS=481)
LHX2.run1 (ESS=481)
LHX2.run2 (ESS=481)
TRMT5.run1 (ESS=19)
TRMT5.run2 (ESS=481)
−500
−750
−1000
−1250
−1500
−1750
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation

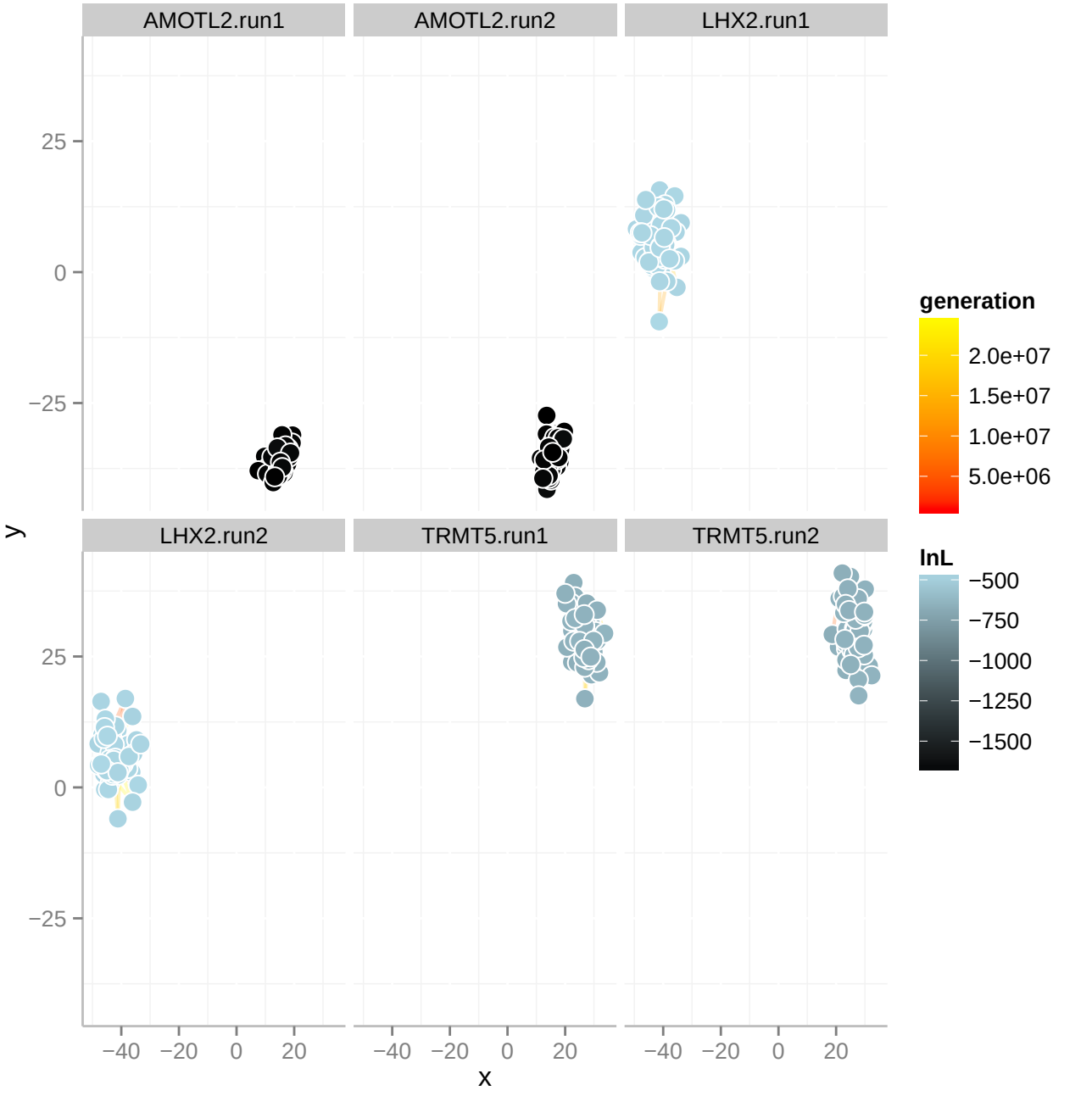

TL
AMOTL2.run1 (ESS=481)
AMOTL2.run2 (ESS=481)
LHX2.run1 (ESS=481)
LHX2.run2 (ESS=481)
TRMT5.run1 (ESS=481)
TRMT5.run2 (ESS=481)
15
10
5
TL
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation

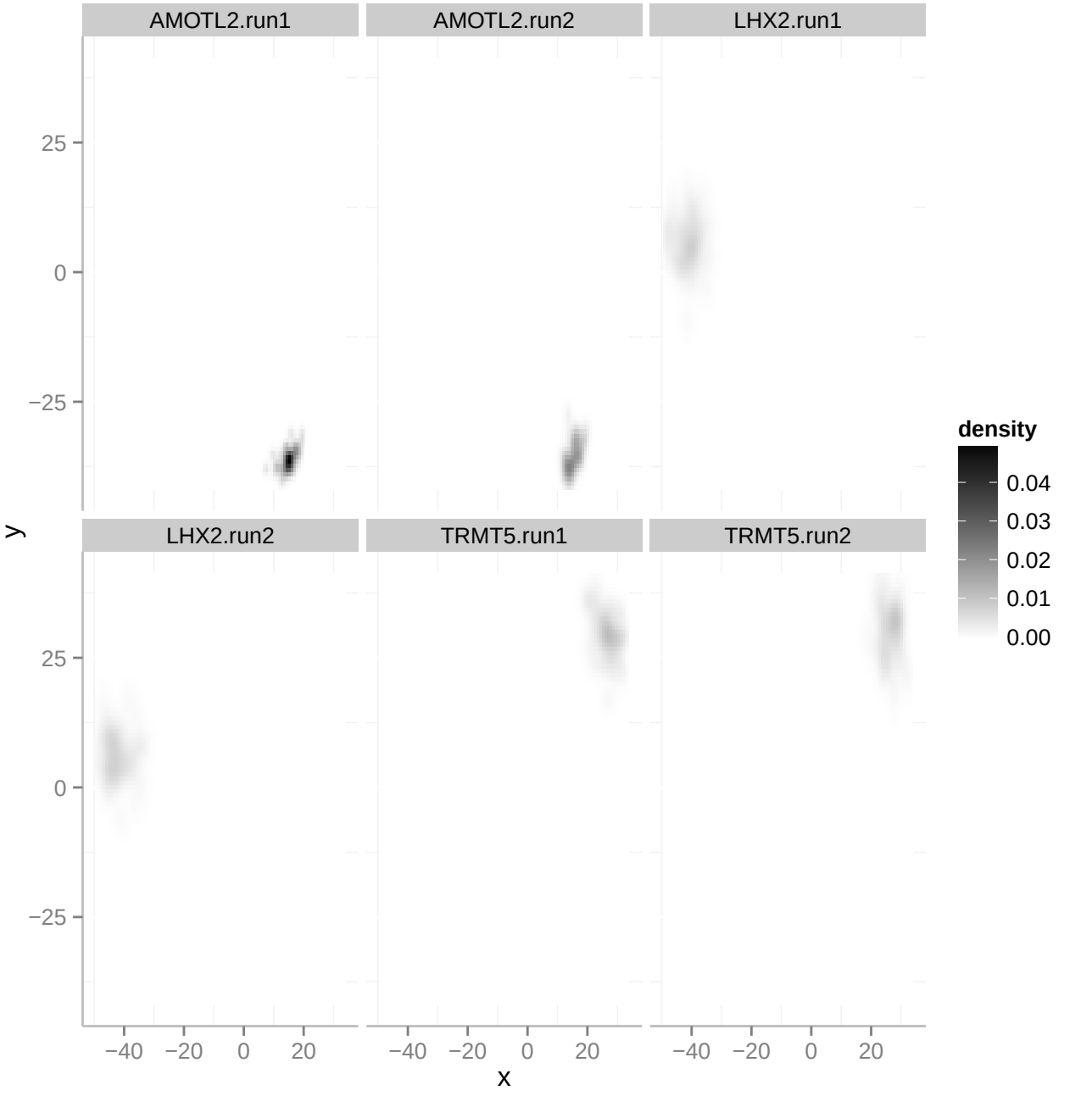

pi.A.
AMOTL2.run1 (ESS=481)
AMOTL2.run2 (ESS=481)
LHX2.run1 (ESS=481)
LHX2.run2 (ESS=420)
TRMT5.run1 (ESS=481)
TRMT5.run2 (ESS=481)
0.40
0.35
0.30
0.25
0.20
pi.A.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation

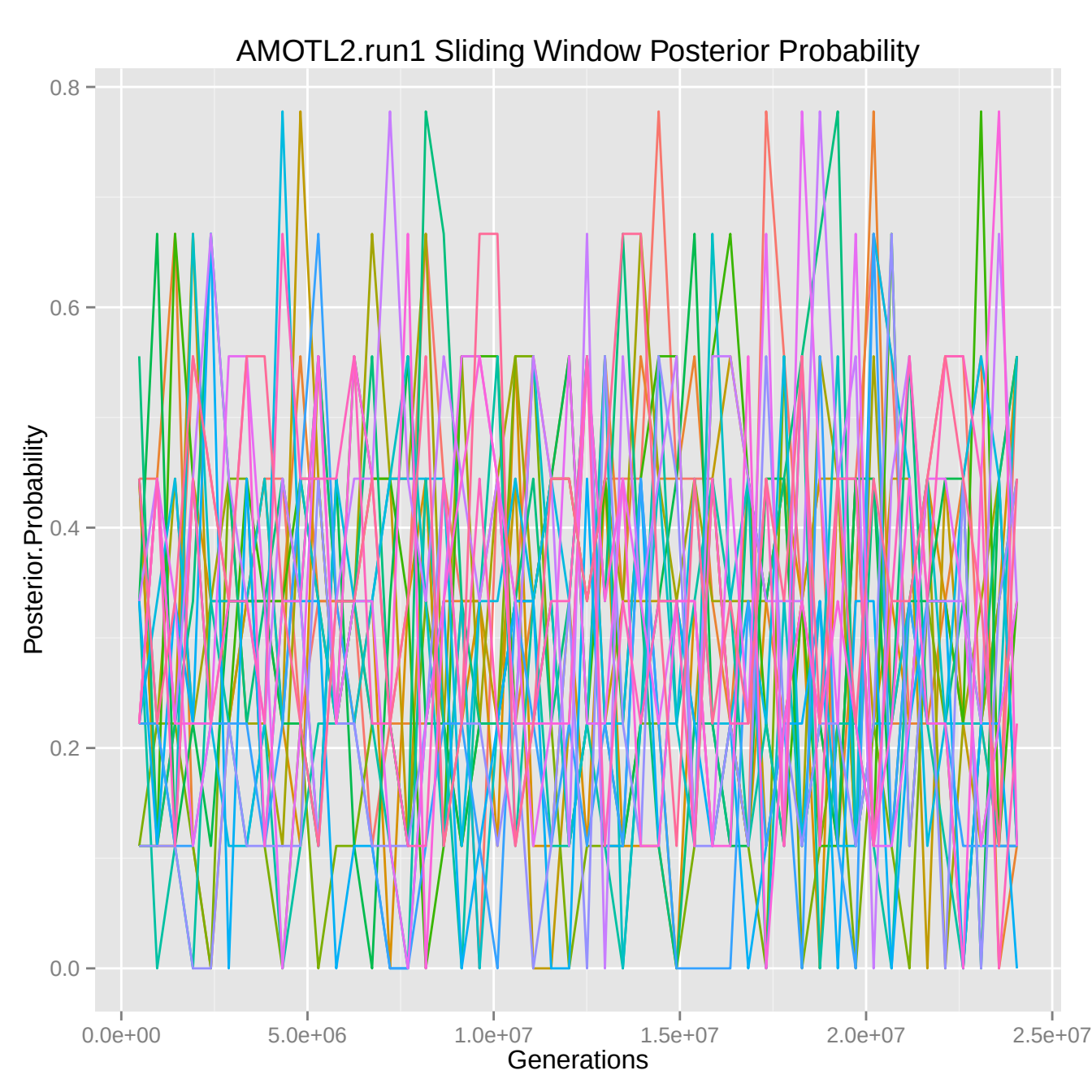

pi.C.
AMOTL2.run1 (ESS=388)
AMOTL2.run2 (ESS=627)
LHX2.run1 (ESS=340)
LHX2.run2 (ESS=481)
TRMT5.run1 (ESS=481)
TRMT5.run2 (ESS=481)
0.35
0.30
0.25
0.20
0.15
0.10
pi.C.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation

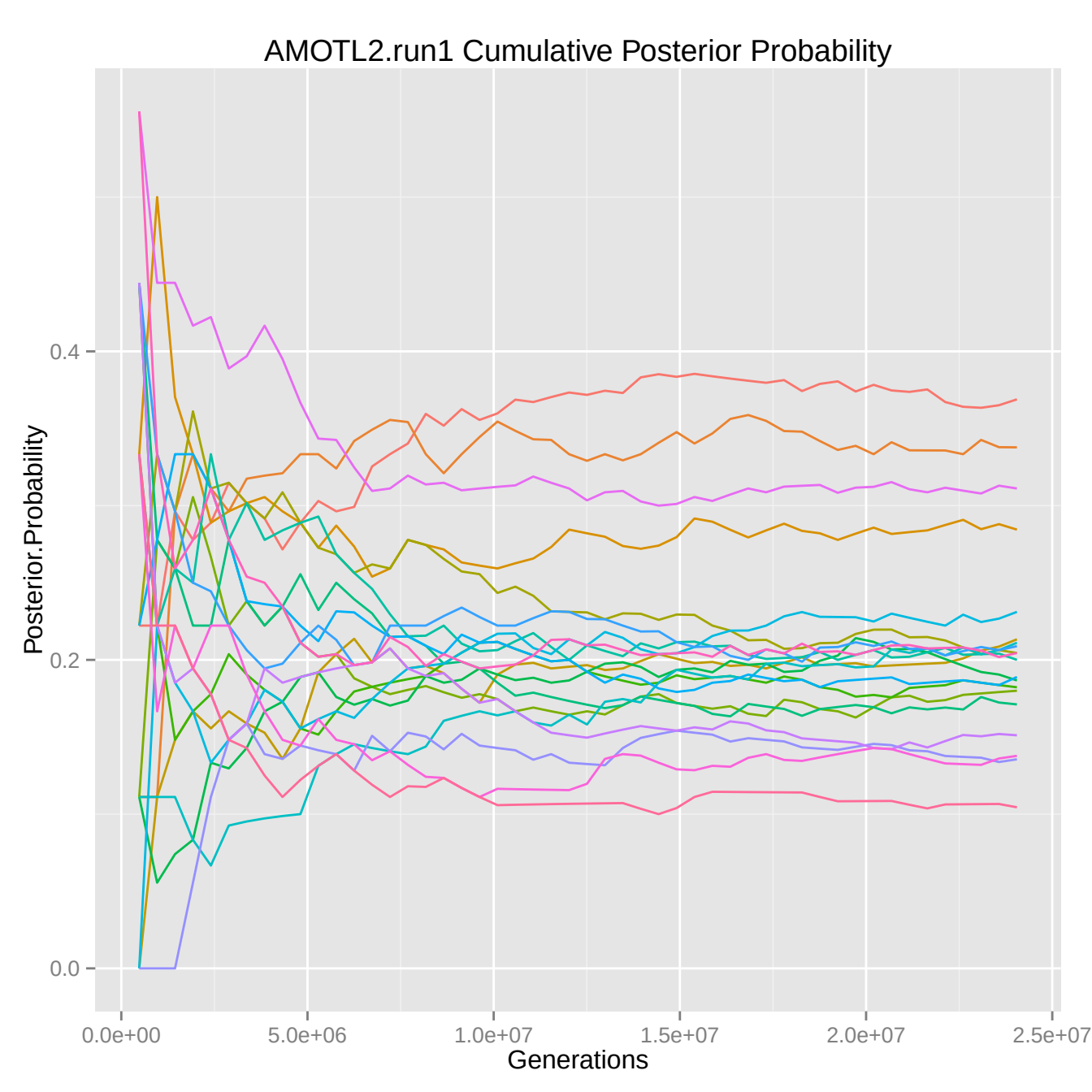

pi.G.
AMOTL2.run1 (ESS=481)
AMOTL2.run2 (ESS=640)
LHX2.run1 (ESS=481)
LHX2.run2 (ESS=481)
TRMT5.run1 (ESS=481)
TRMT5.run2 (ESS=481)
0.30
0.25
0.20
0.15
0.10
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation

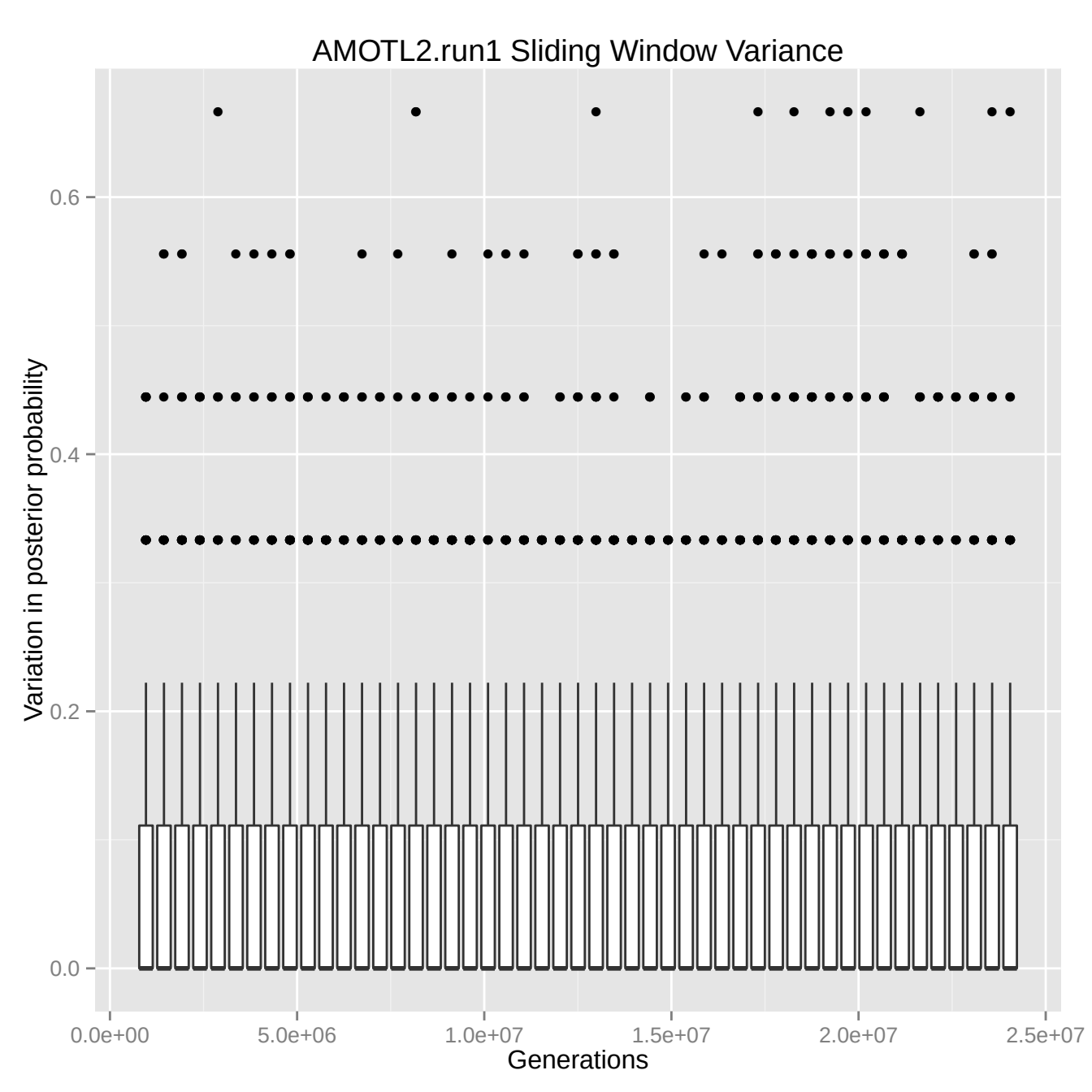

pi.T.
AMOTL2.run1 (ESS=418)
AMOTL2.run2 (ESS=481)
LHX2.run1 (ESS=481)
LHX2.run2 (ESS=378)
TRMT5.run1 (ESS=481)
TRMT5.run2 (ESS=481)
0.40
0.35
0.30
0.25
0.20
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation

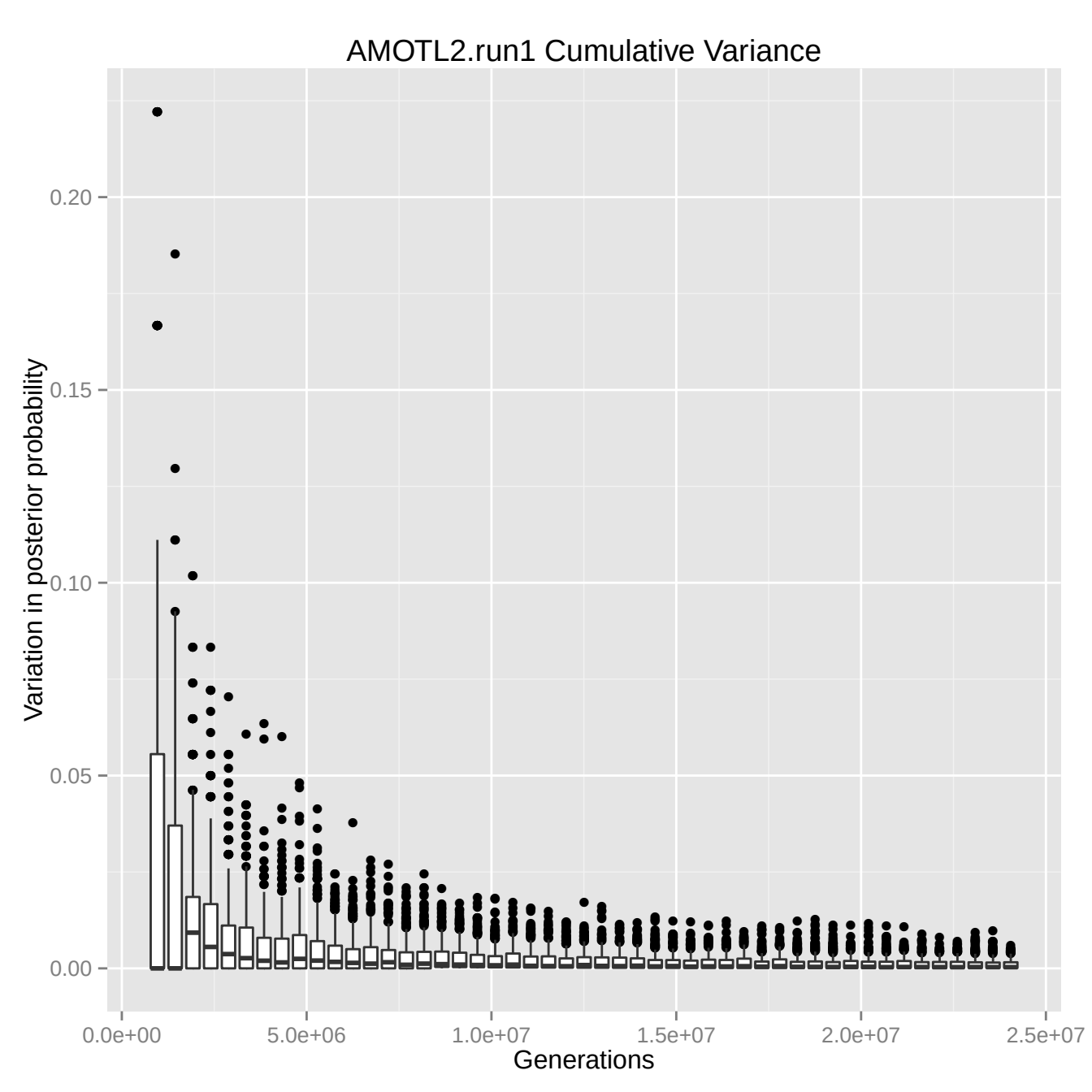

AMOTL2.run1
AMOTL2.run2
LHX2.run1
LHX2.run2
TRMT5.run1
TRMT5.run2
y
x
25
0
−25
−40
−20
0
20
generation
2.0e+07
1.5e+07
1.0e+07
5.0e+06
lnL
−500
−750
−1000
−1250
−1500

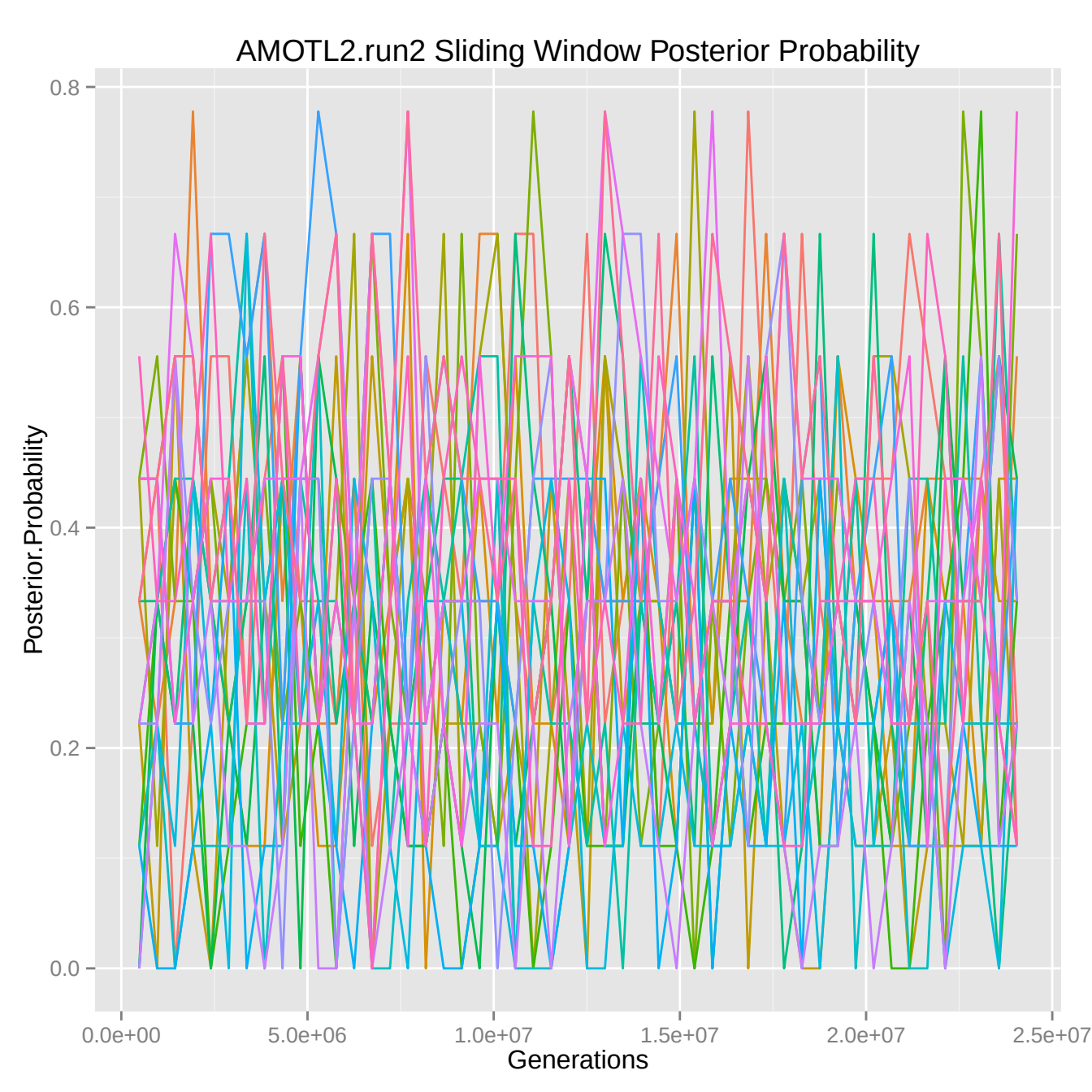

AMOTL2.run1
AMOTL2.run2
LHX2.run1
LHX2.run2
TRMT5.run1
TRMT5.run2
y
x
25
0
−25
−40
−20
0
20
density
0.04
0.03
0.02
0.01
0.00

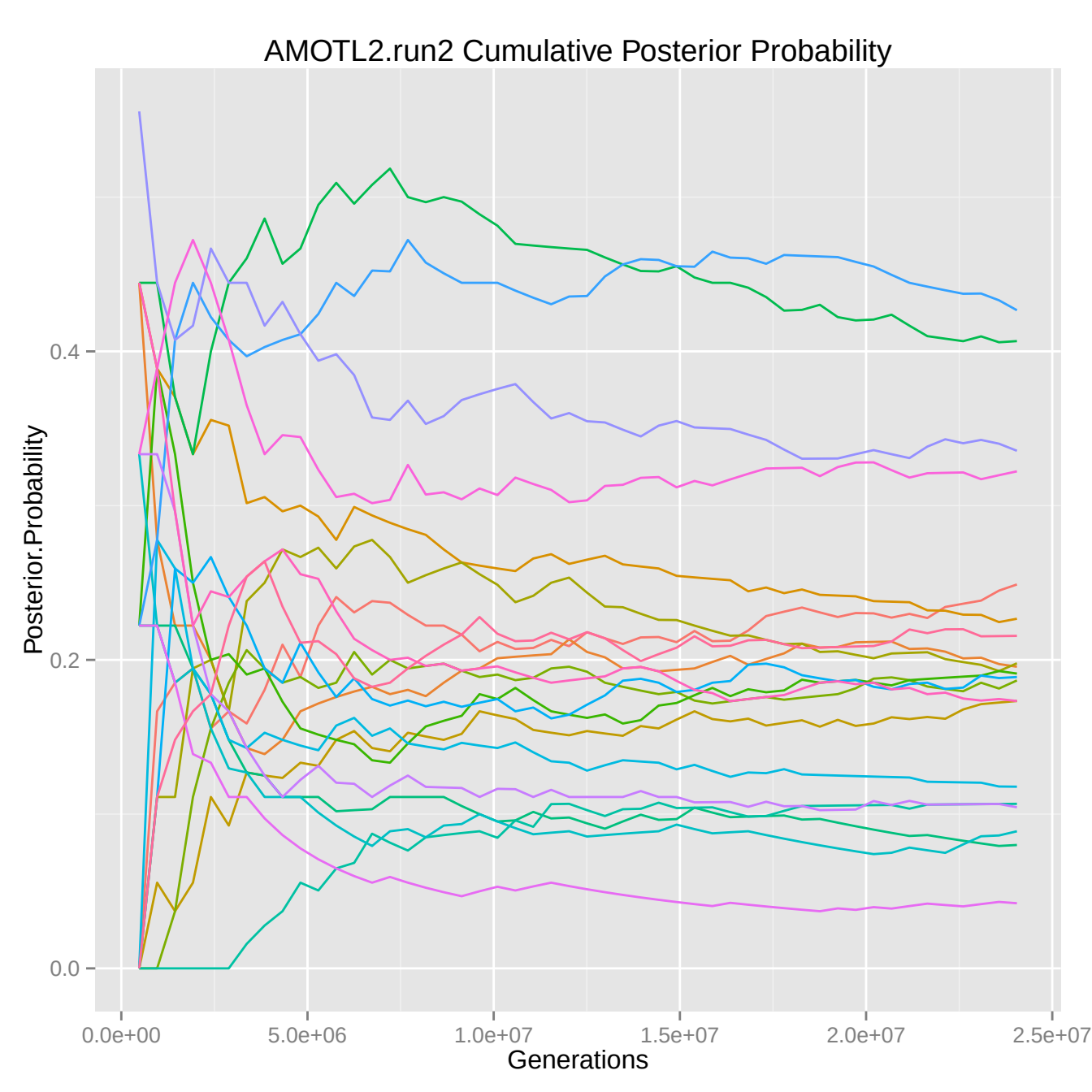

AMOTL2.run1 Sliding Window Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.8
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

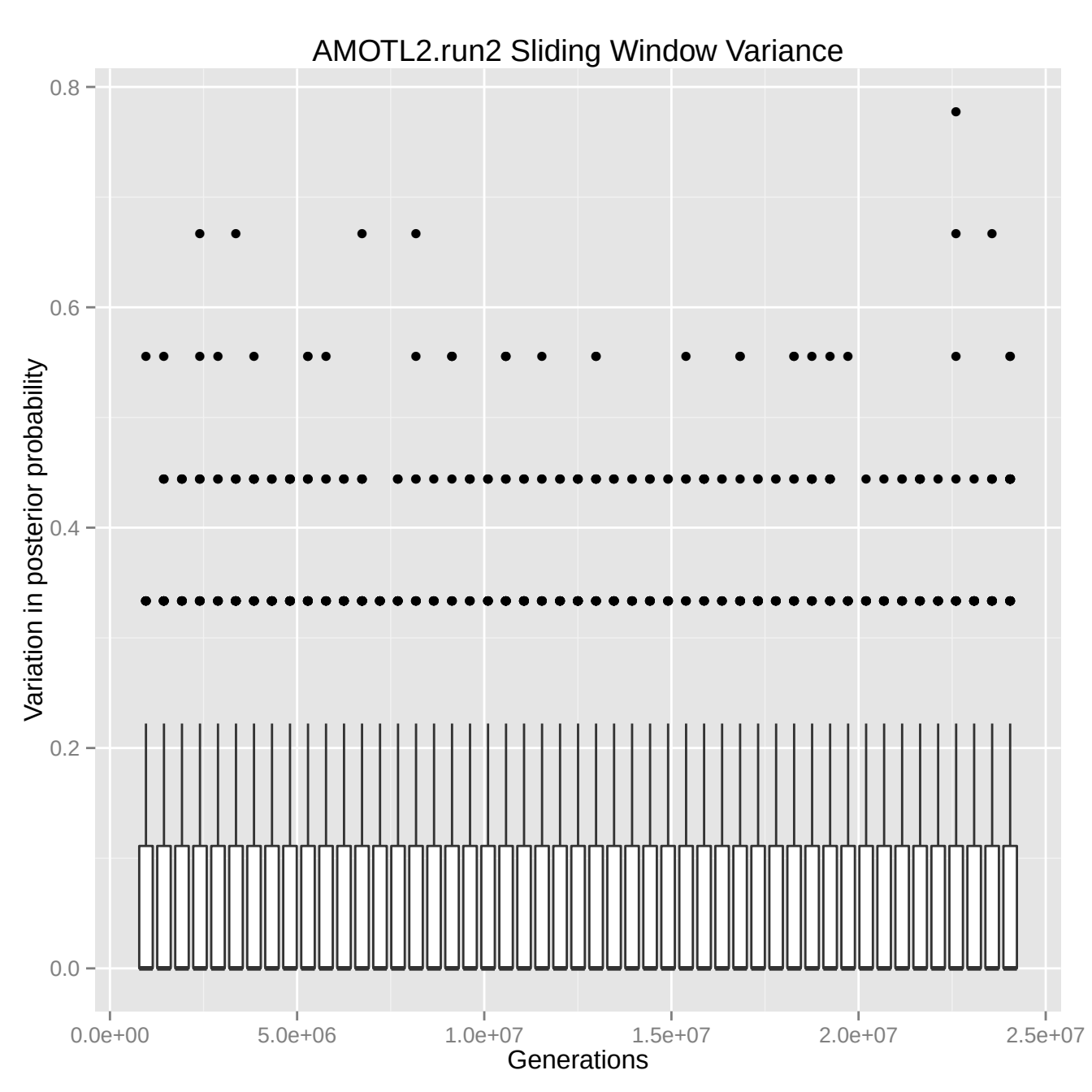

AMOTL2.run1 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

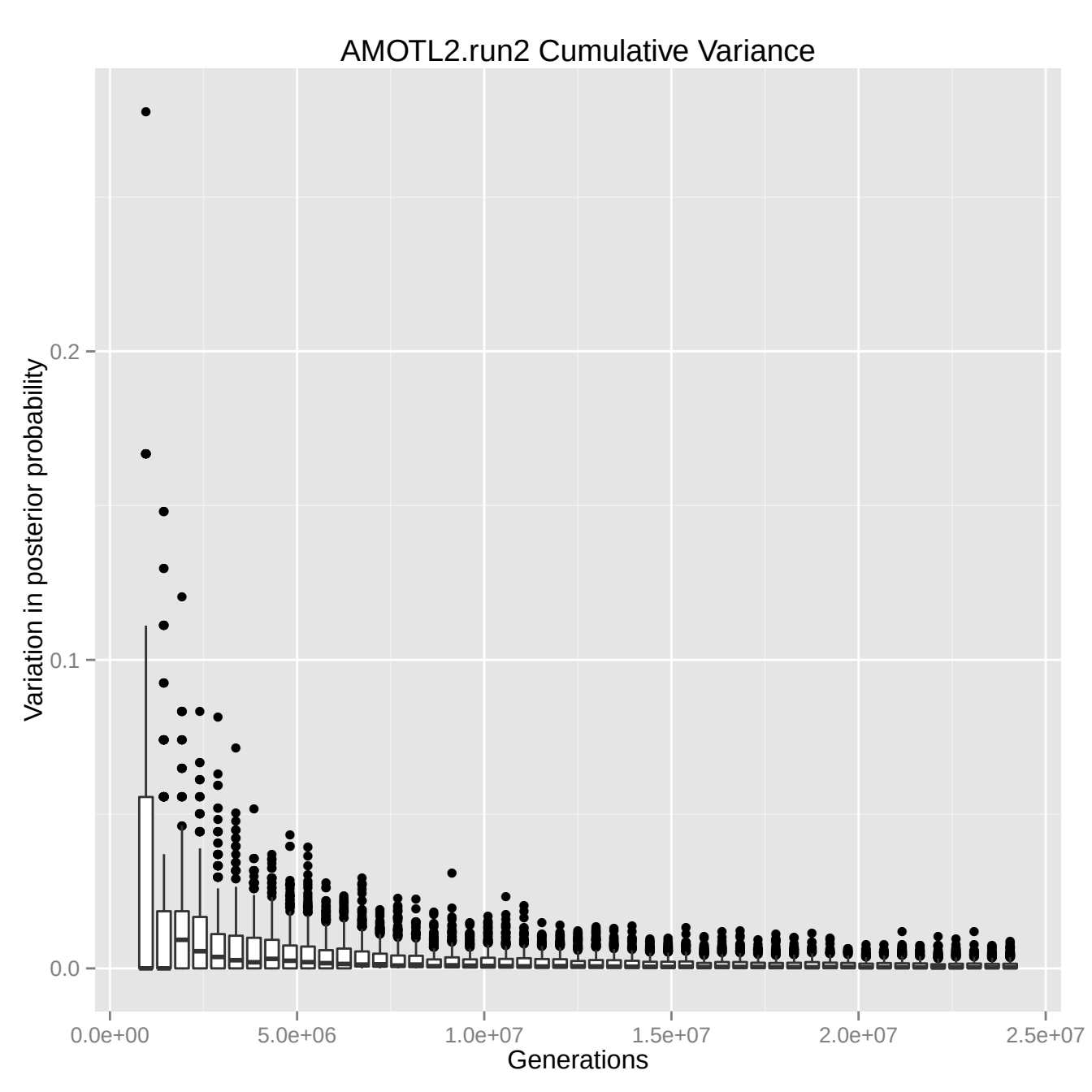

AMOTL2.run1 Sliding Window Variance
Variation in posterior probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

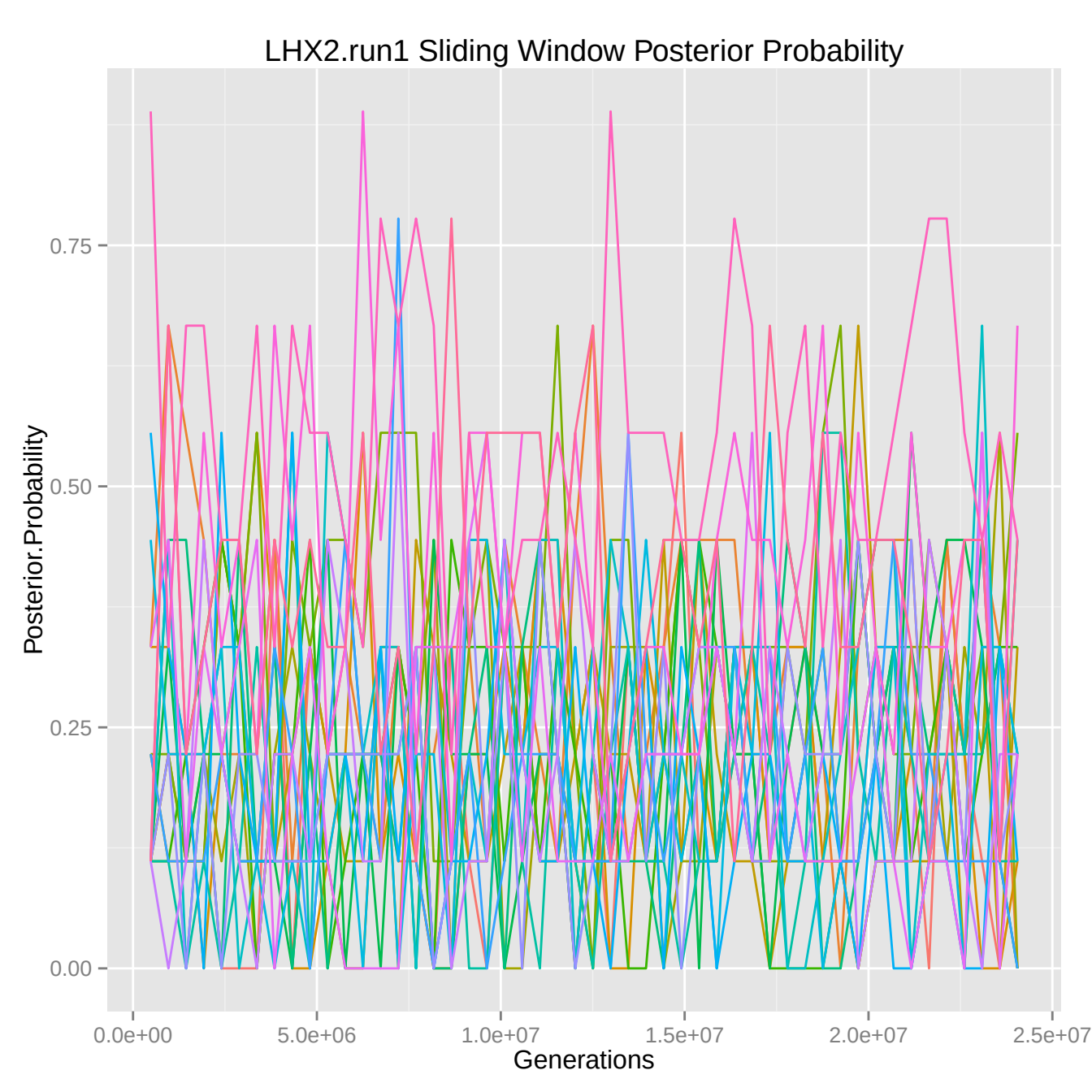

AMOTL2.run1 Cumulative Variance
Variation in posterior probability
0.20
0.15
0.10
0.05
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

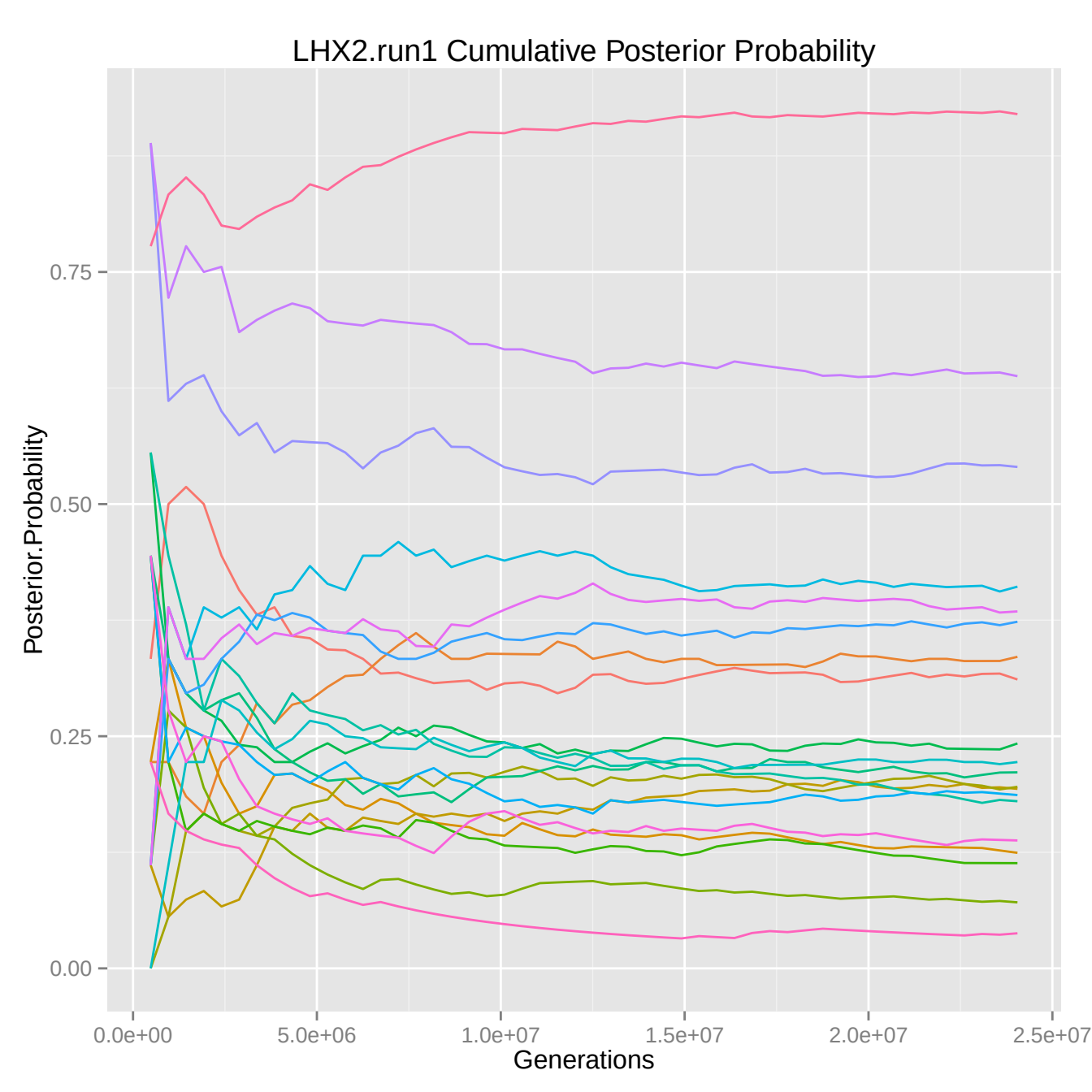

AMOTL2.run2 Sliding Window Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.8
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

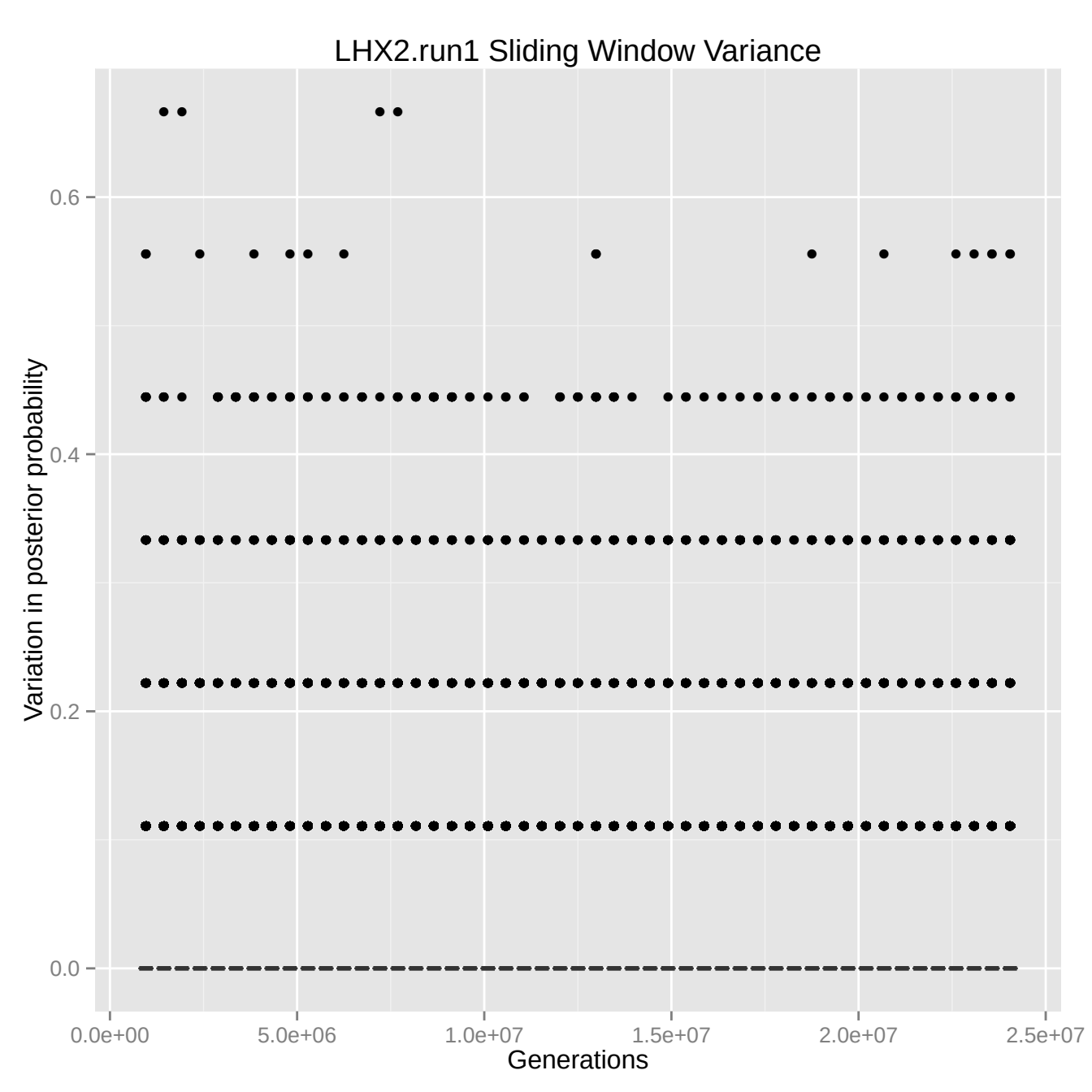

AMOTL2.run2 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

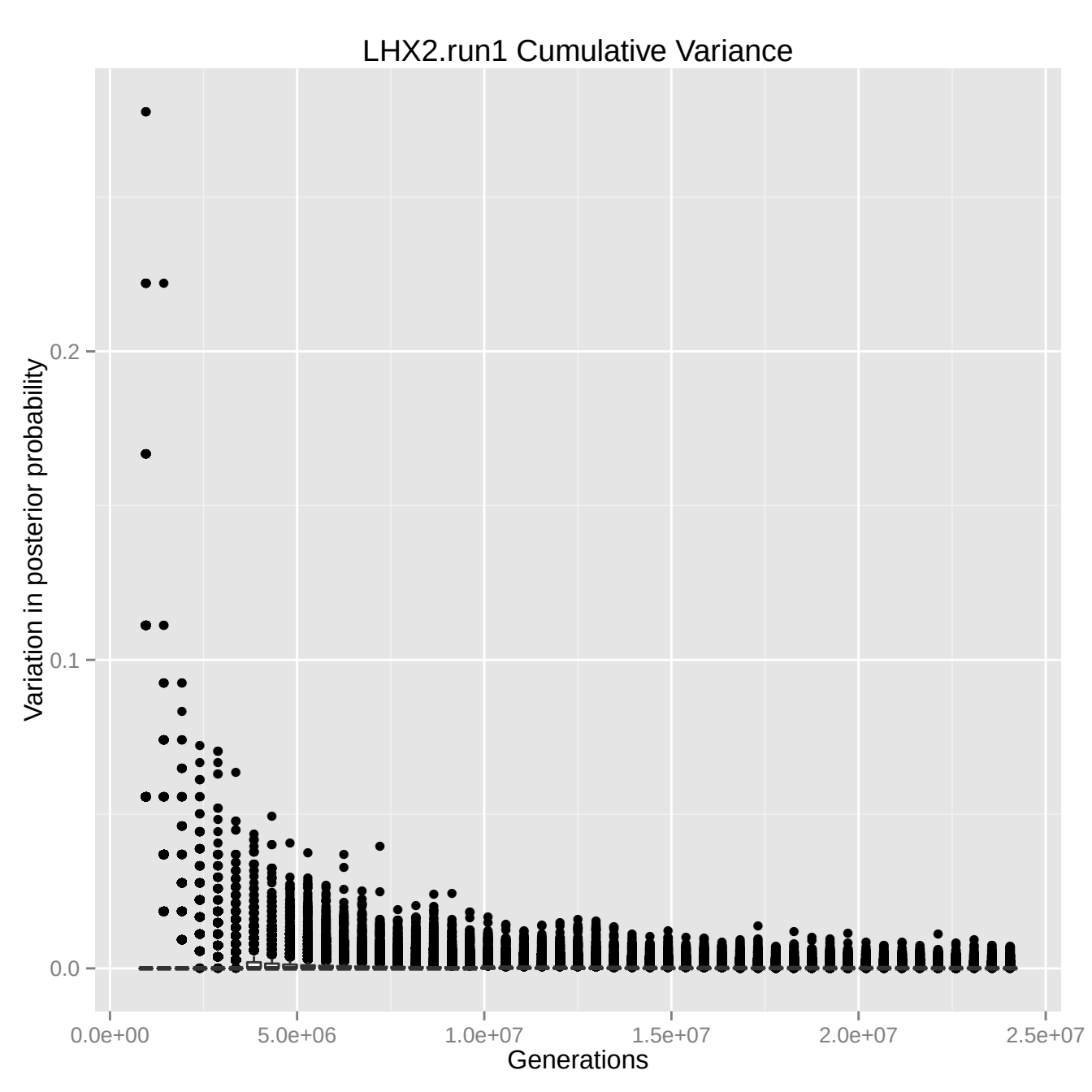

AMOTL2.run2 Sliding Window Variance
Variation in posterior probability
0.8
0.6
0.4
0.2
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

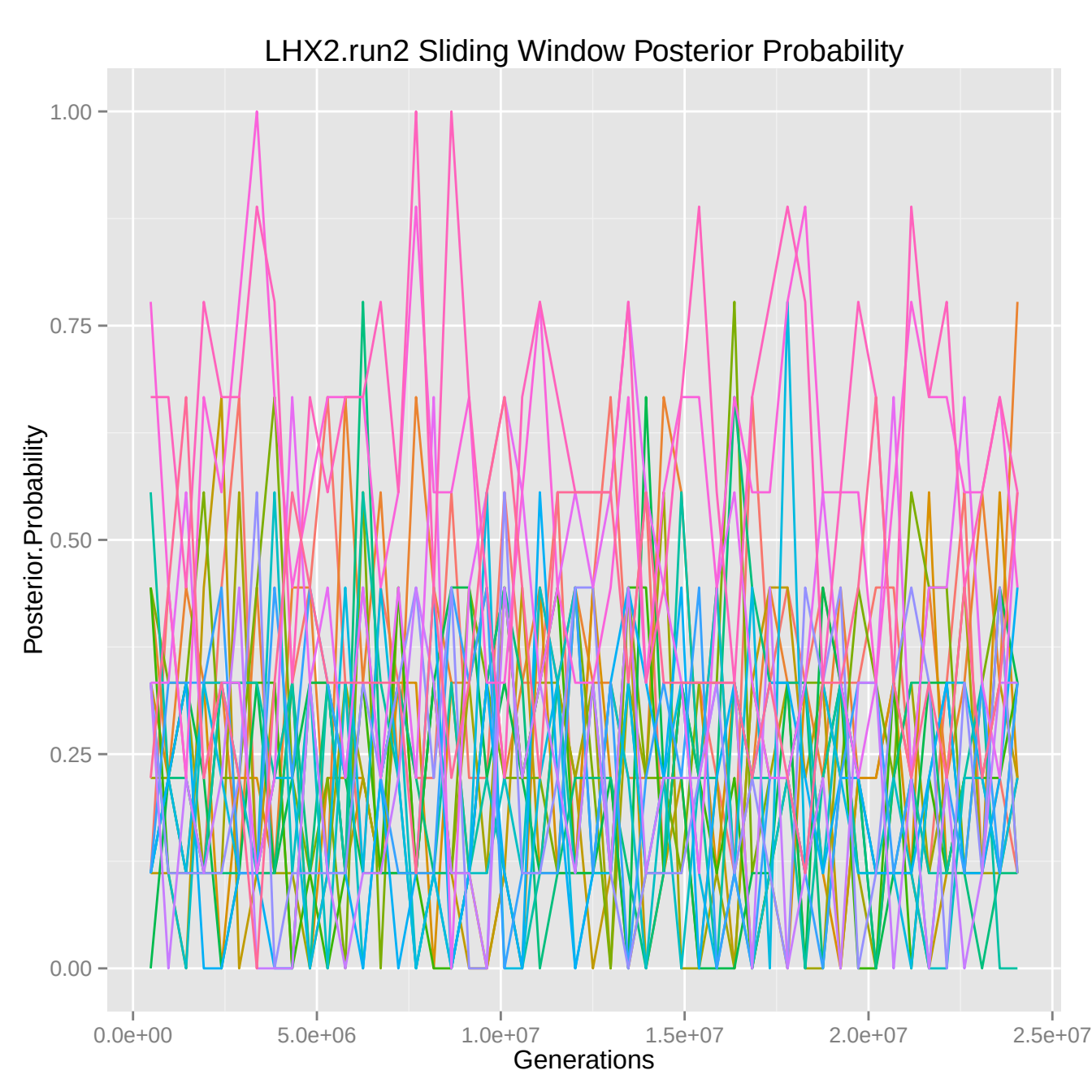

AMOTL2.run2 Cumulative Variance
Variation in posterior probability
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

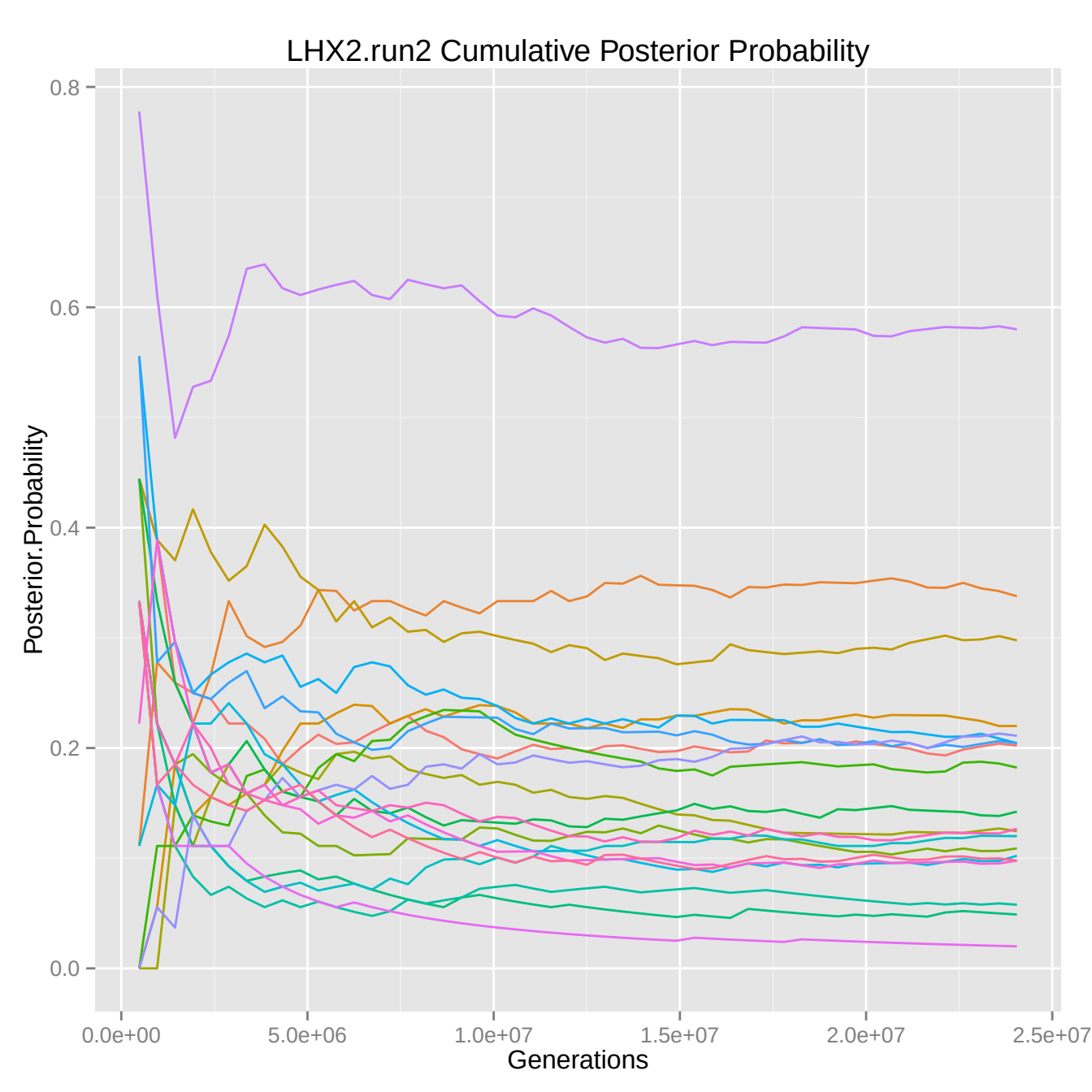

LHX2.run1 Sliding Window Posterior Probability
Posterior.Probability
0.00
0.25
0.50
0.75
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

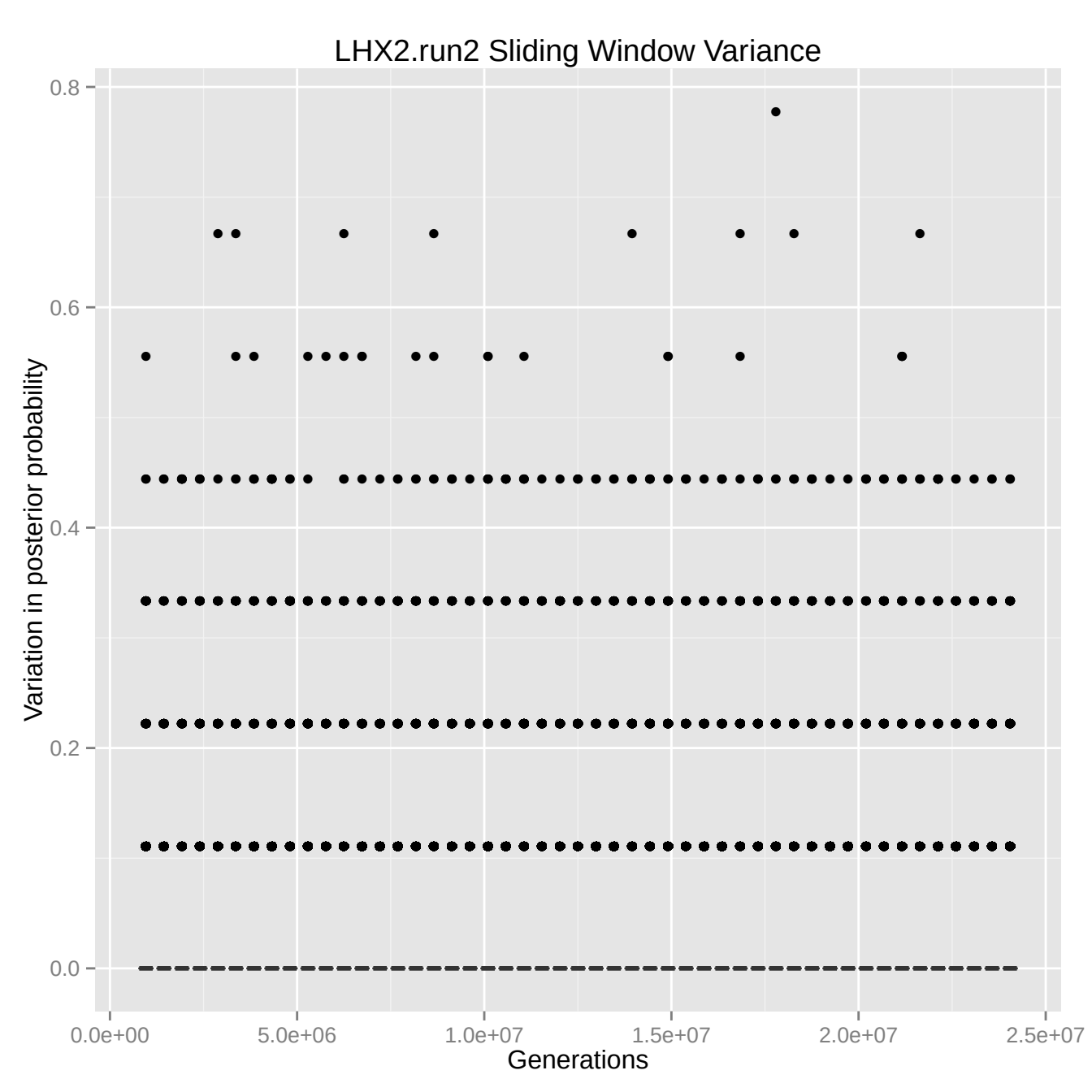

LHX2.run1 Cumulative Posterior Probability
Posterior.Probability
0.00
0.25
0.50
0.75
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

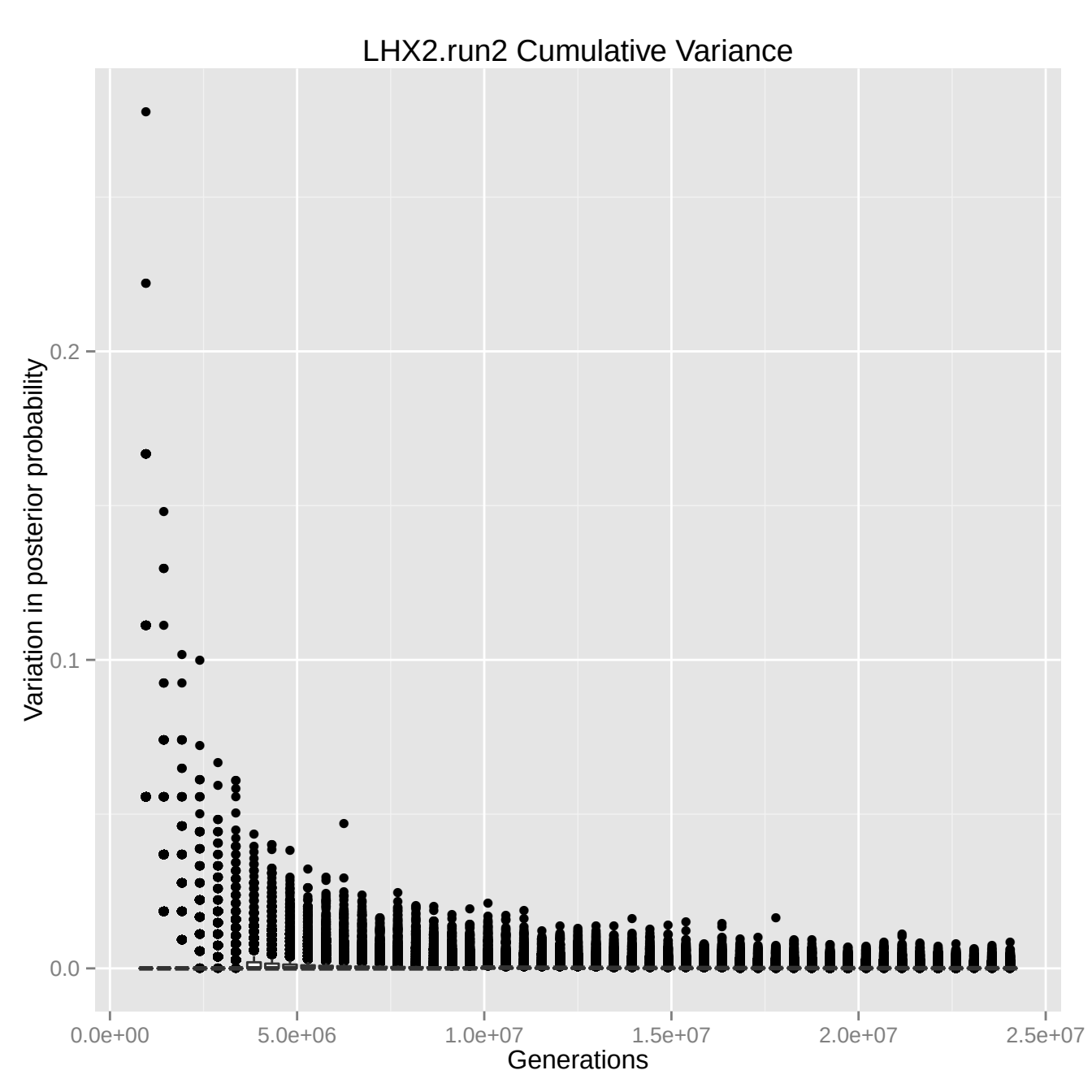

LHX2.run1 Sliding Window Variance
Variation in posterior probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

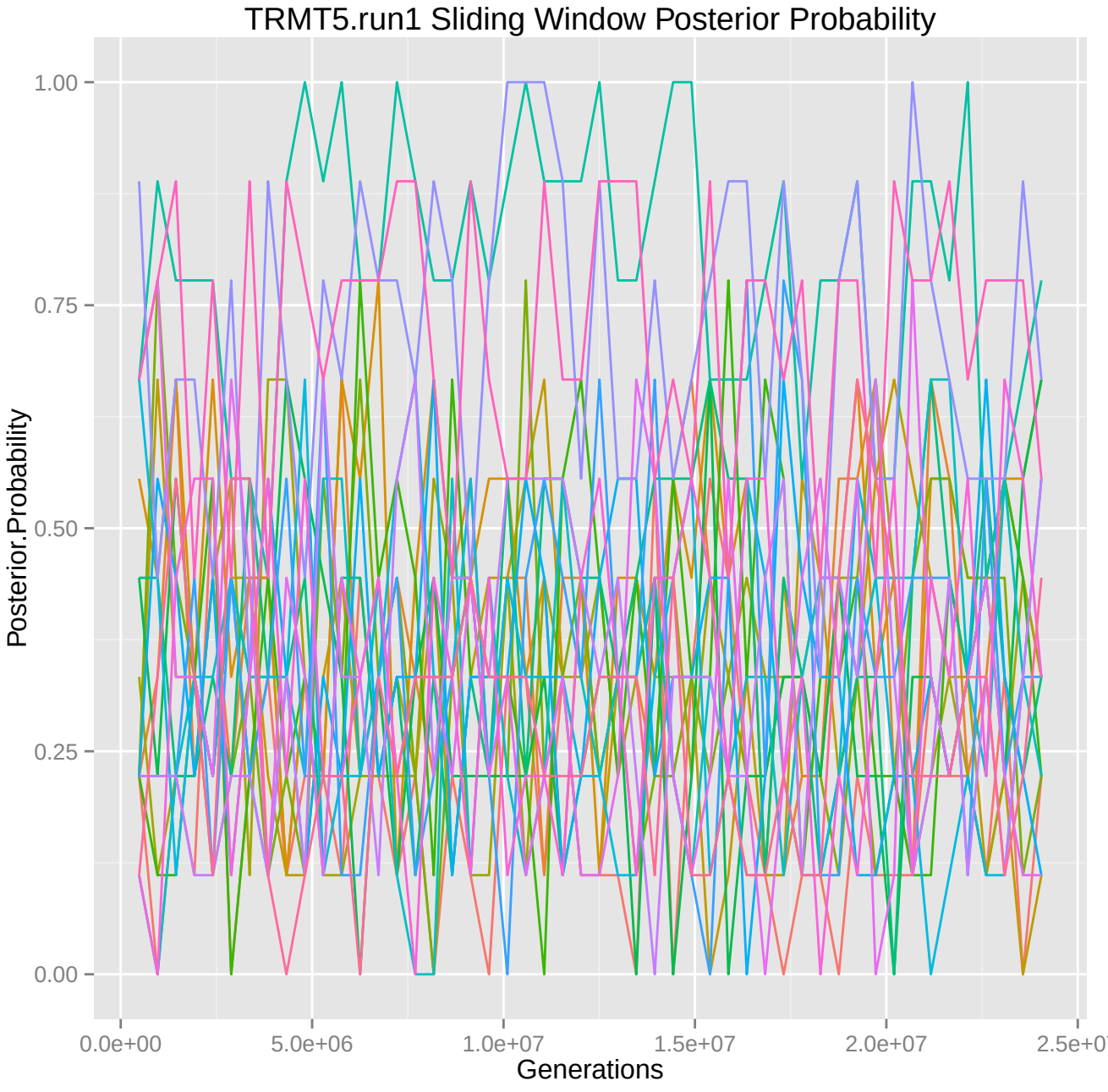

LHX2.run1 Cumulative Variance
Variation in posterior probability
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

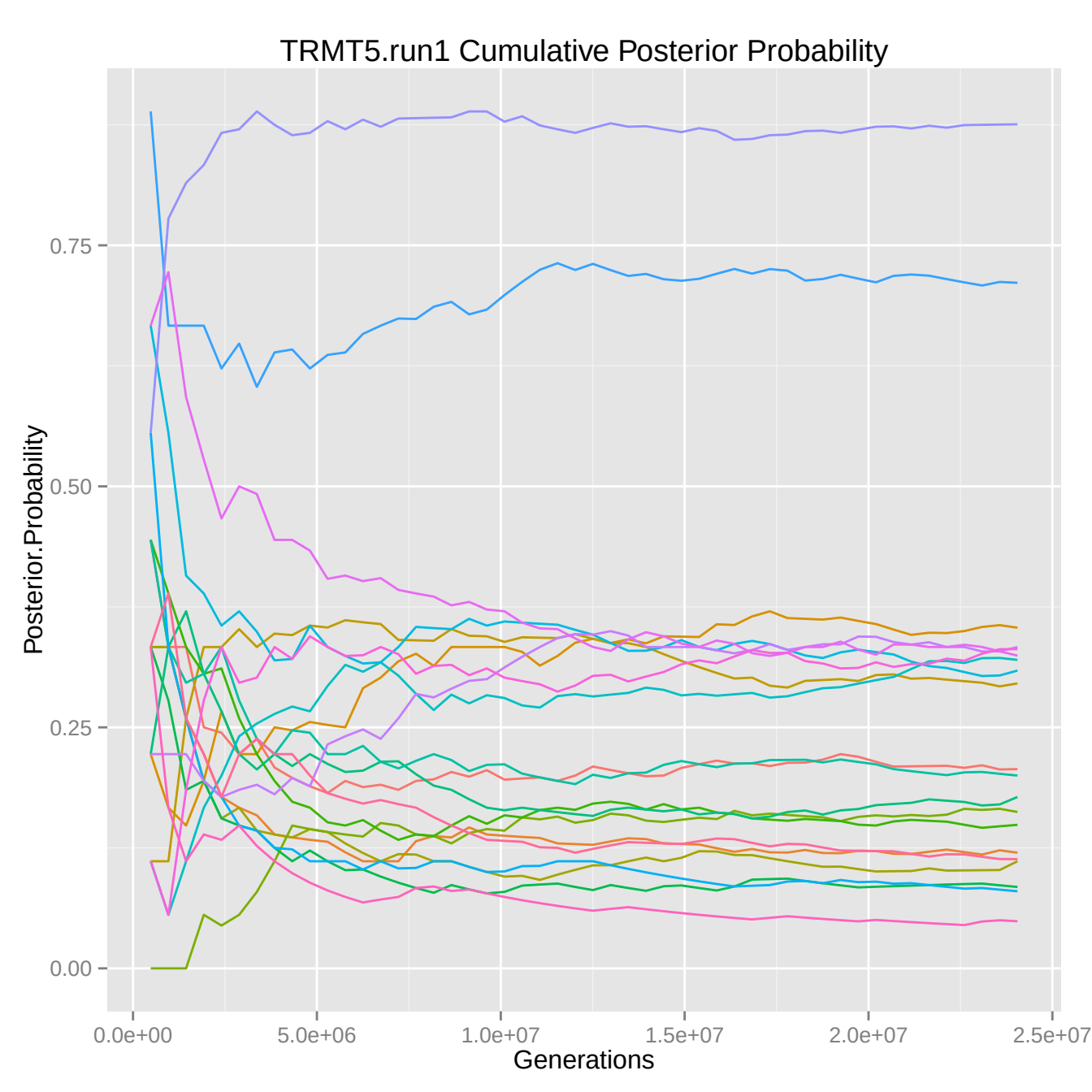

LHX2.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

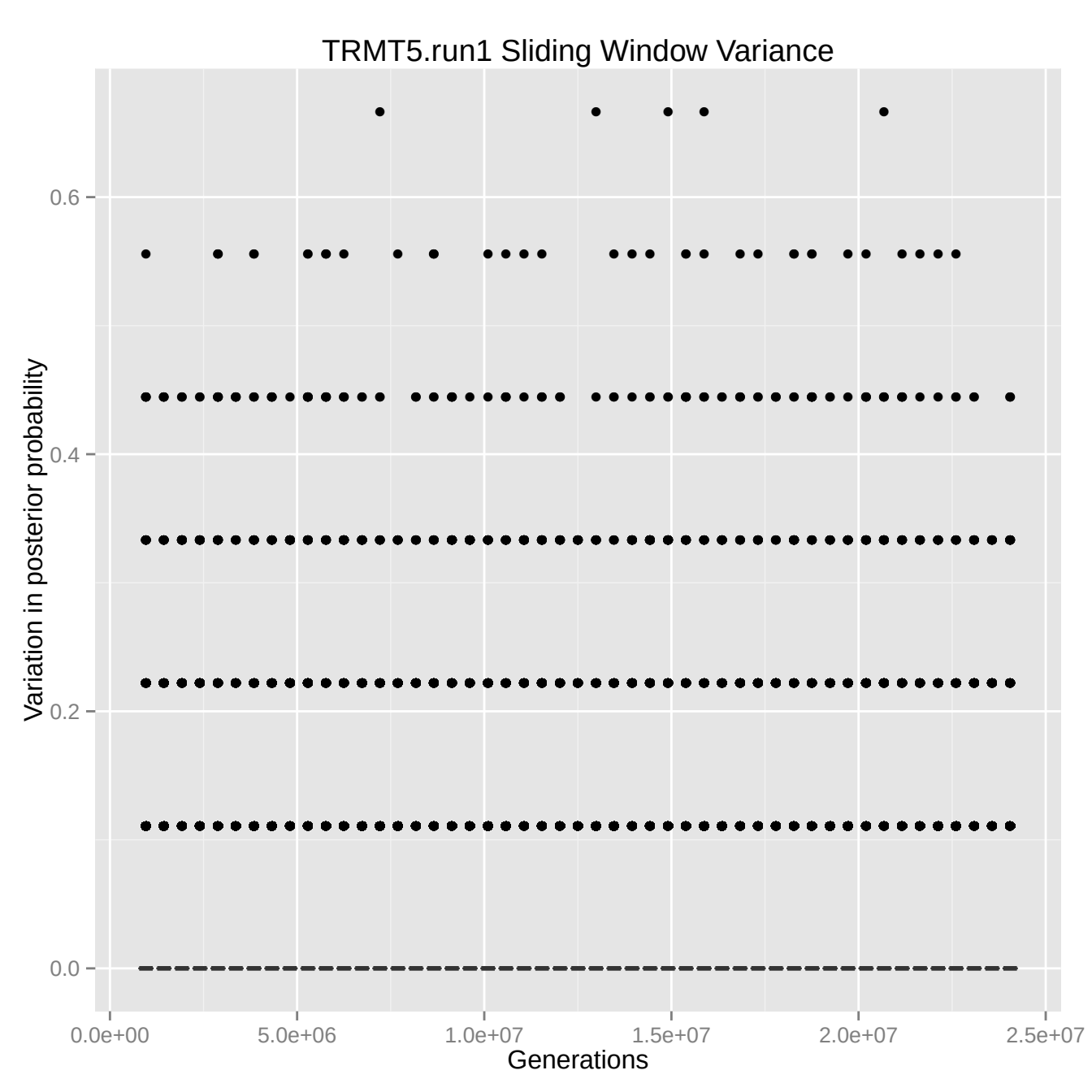

LHX2.run2 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.8
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

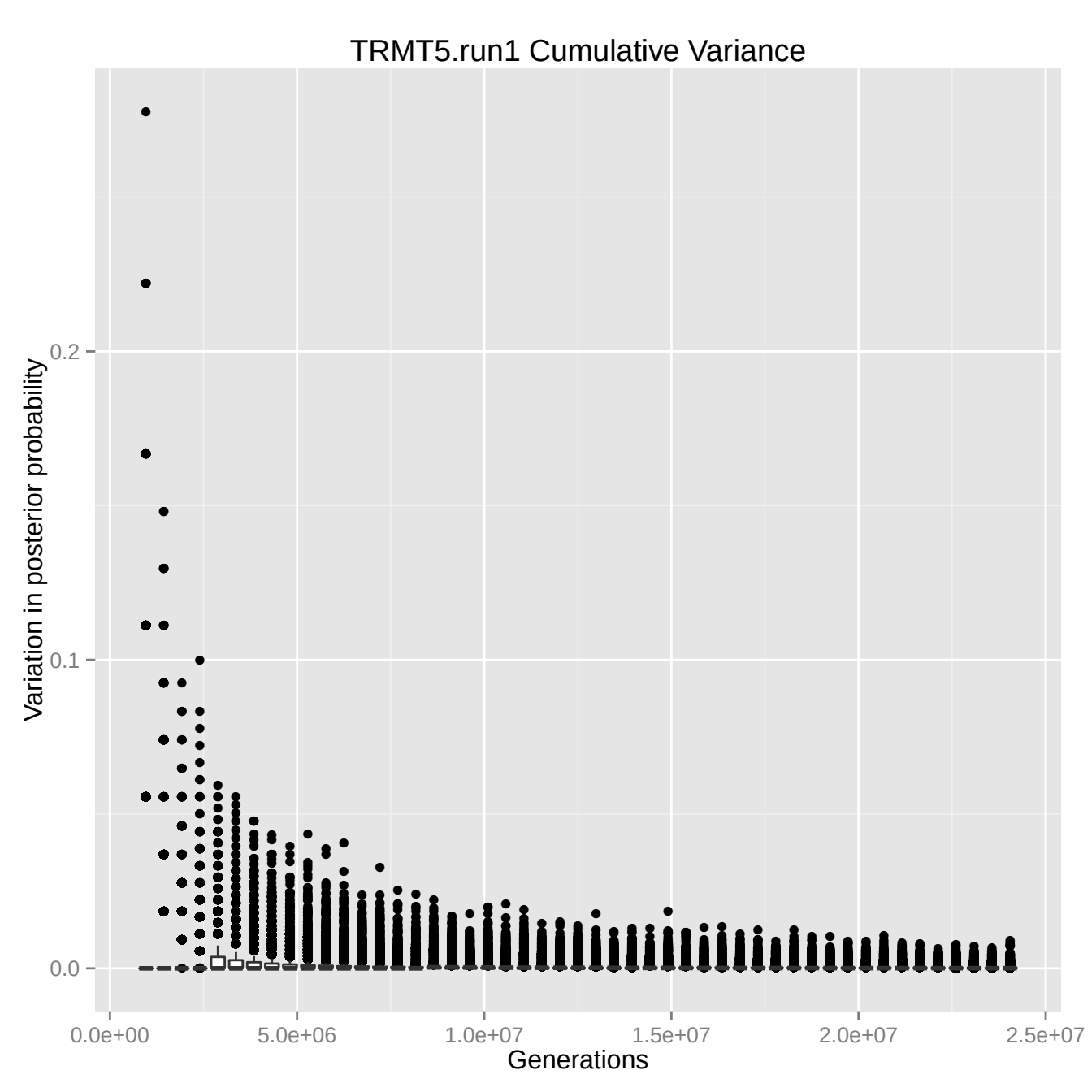

LHX2.run2 Sliding Window Variance
Variation in posterior probability
0.8
0.6
0.4
0.2
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

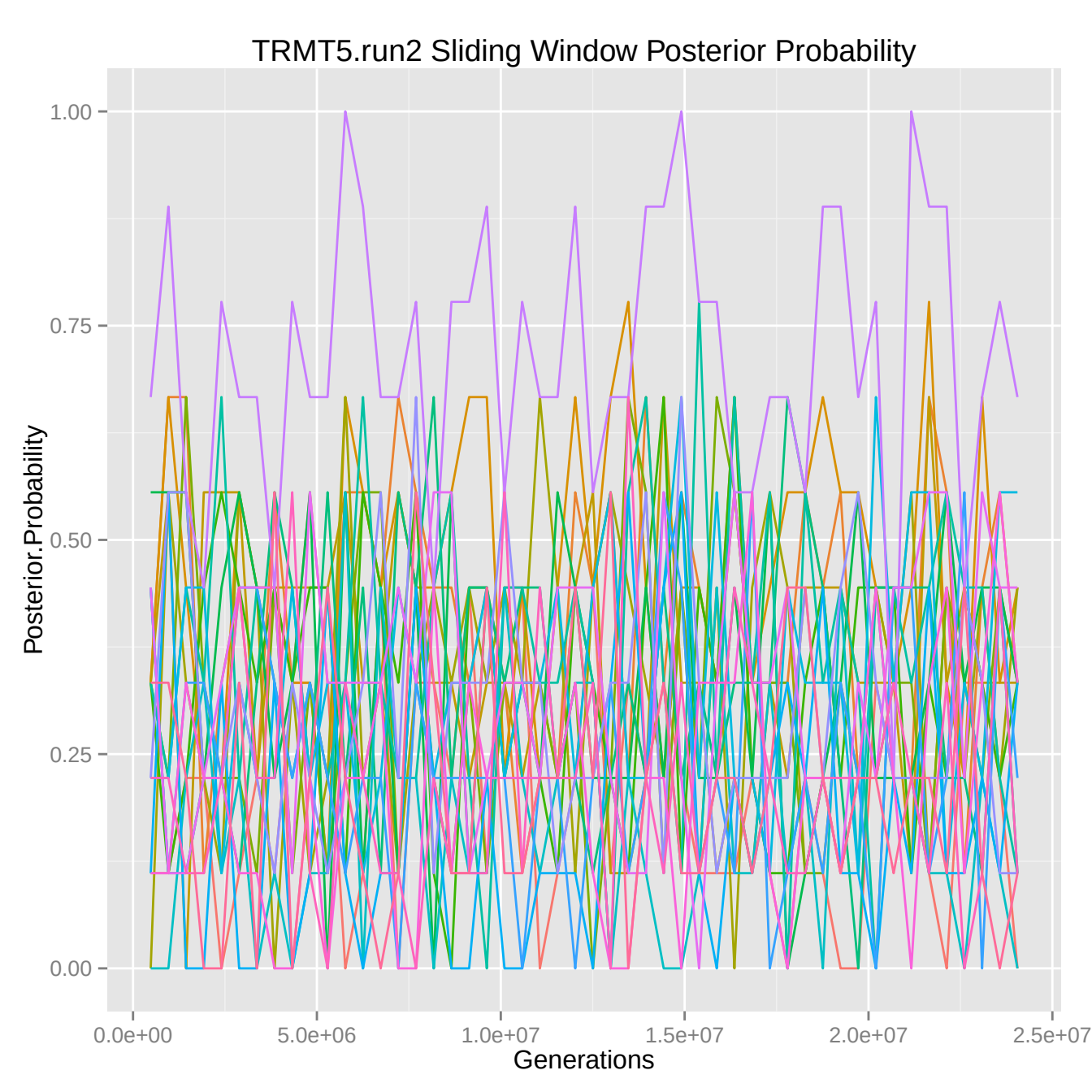

LHX2.run2 Cumulative Variance
Variation in posterior probability
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

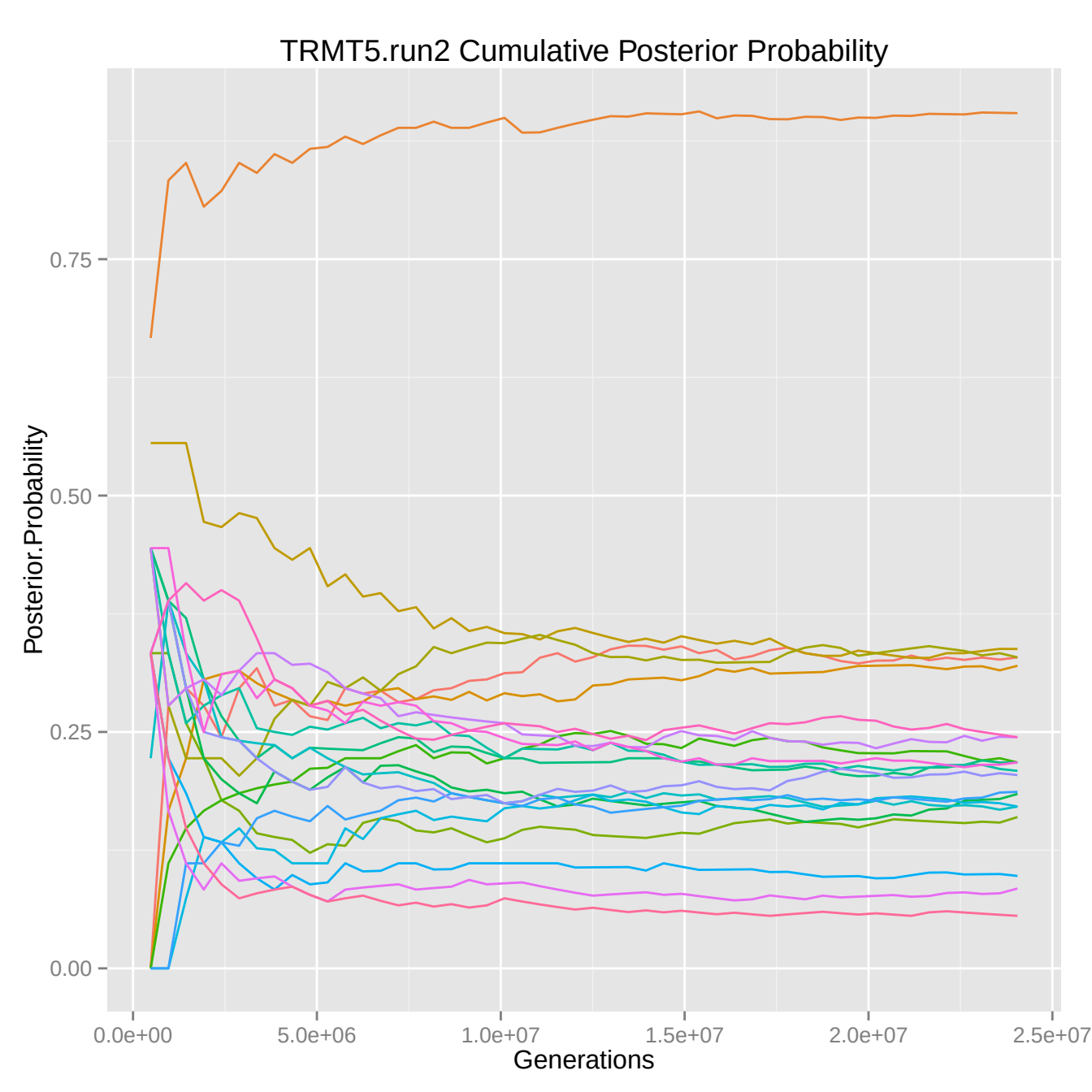

TRMT5.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

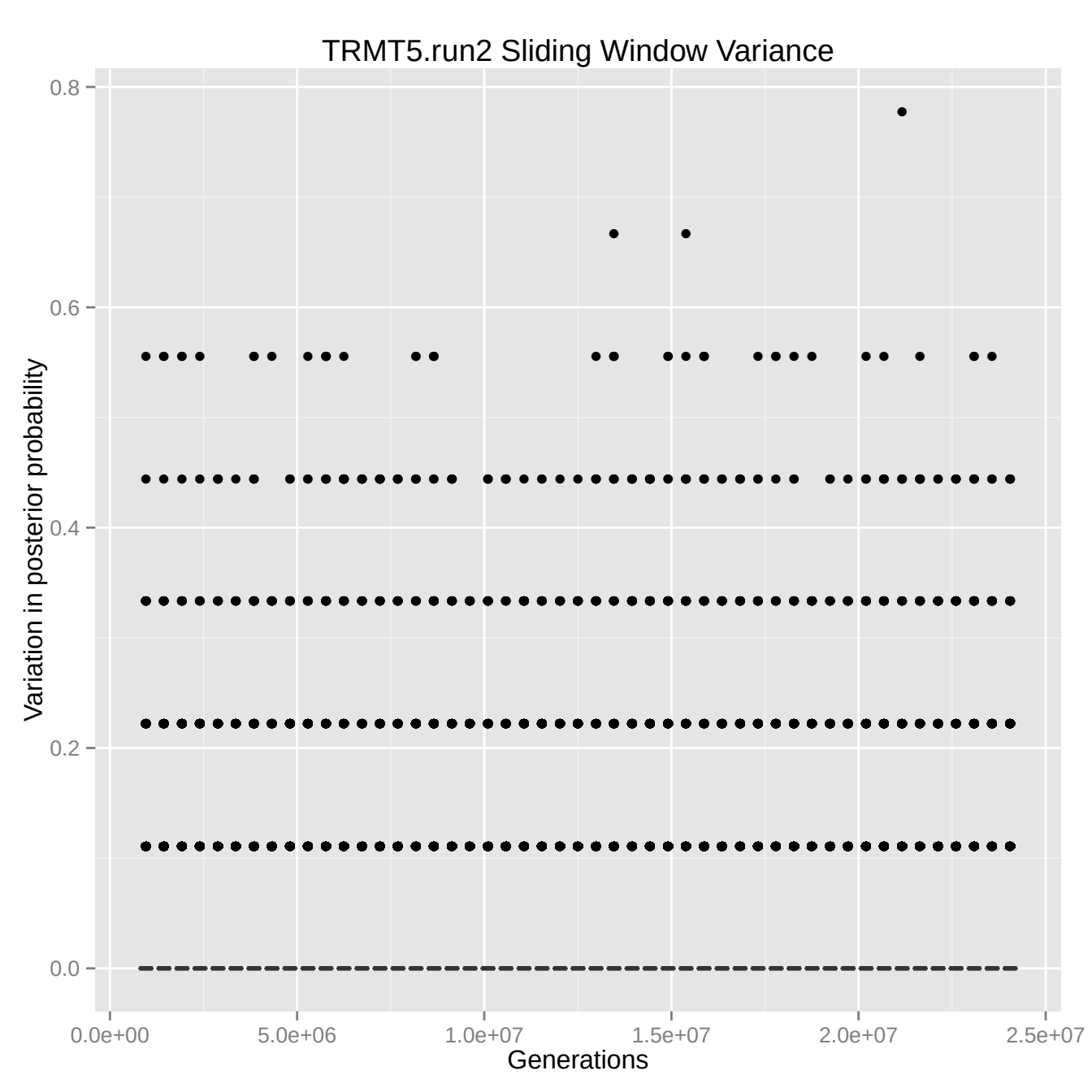

TRMT5.run1 Cumulative Posterior Probability
Posterior.Probability
0.00
0.25
0.50
0.75
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

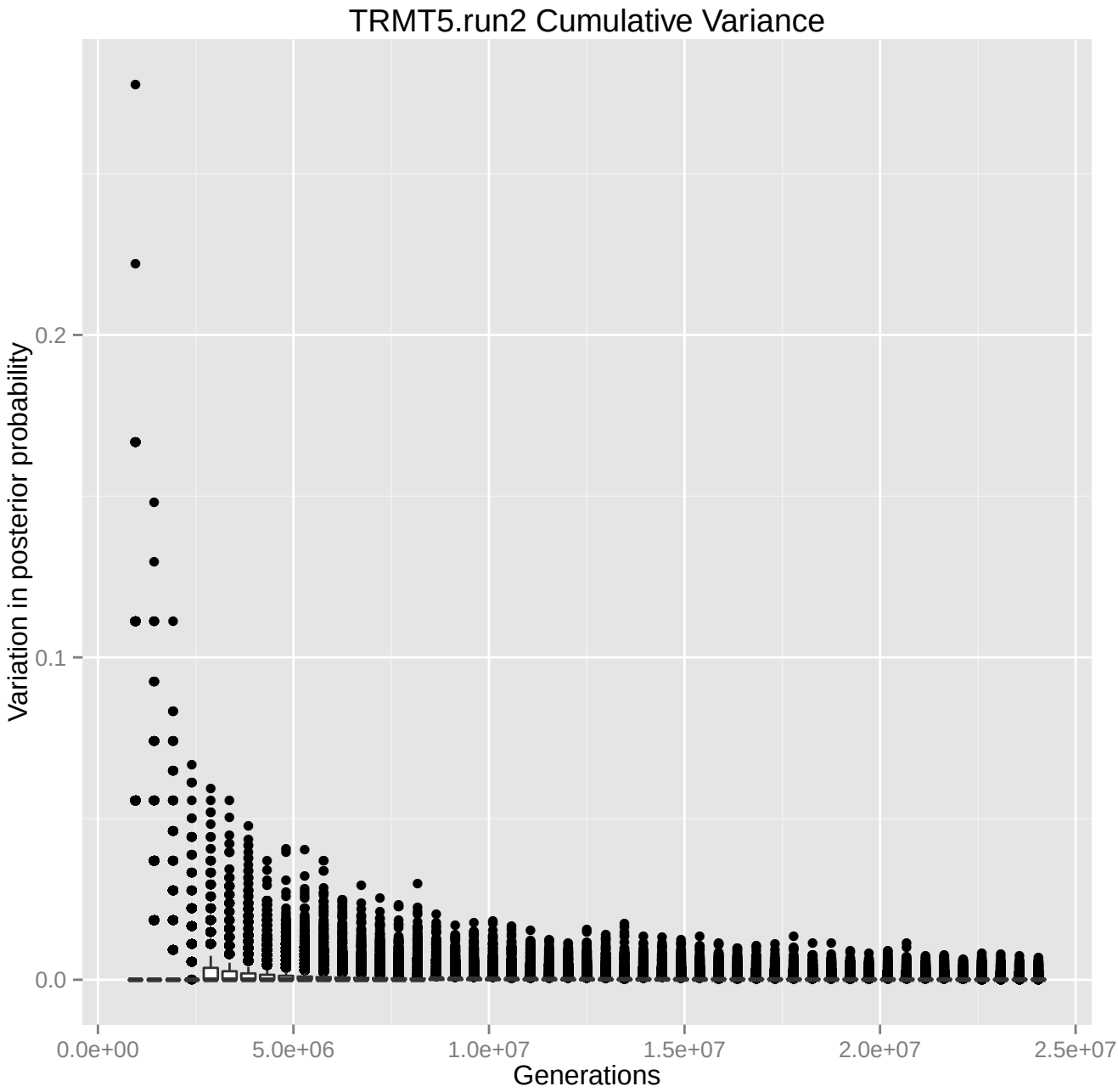

TRMT5.run1 Sliding Window Variance
Variation in posterior probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

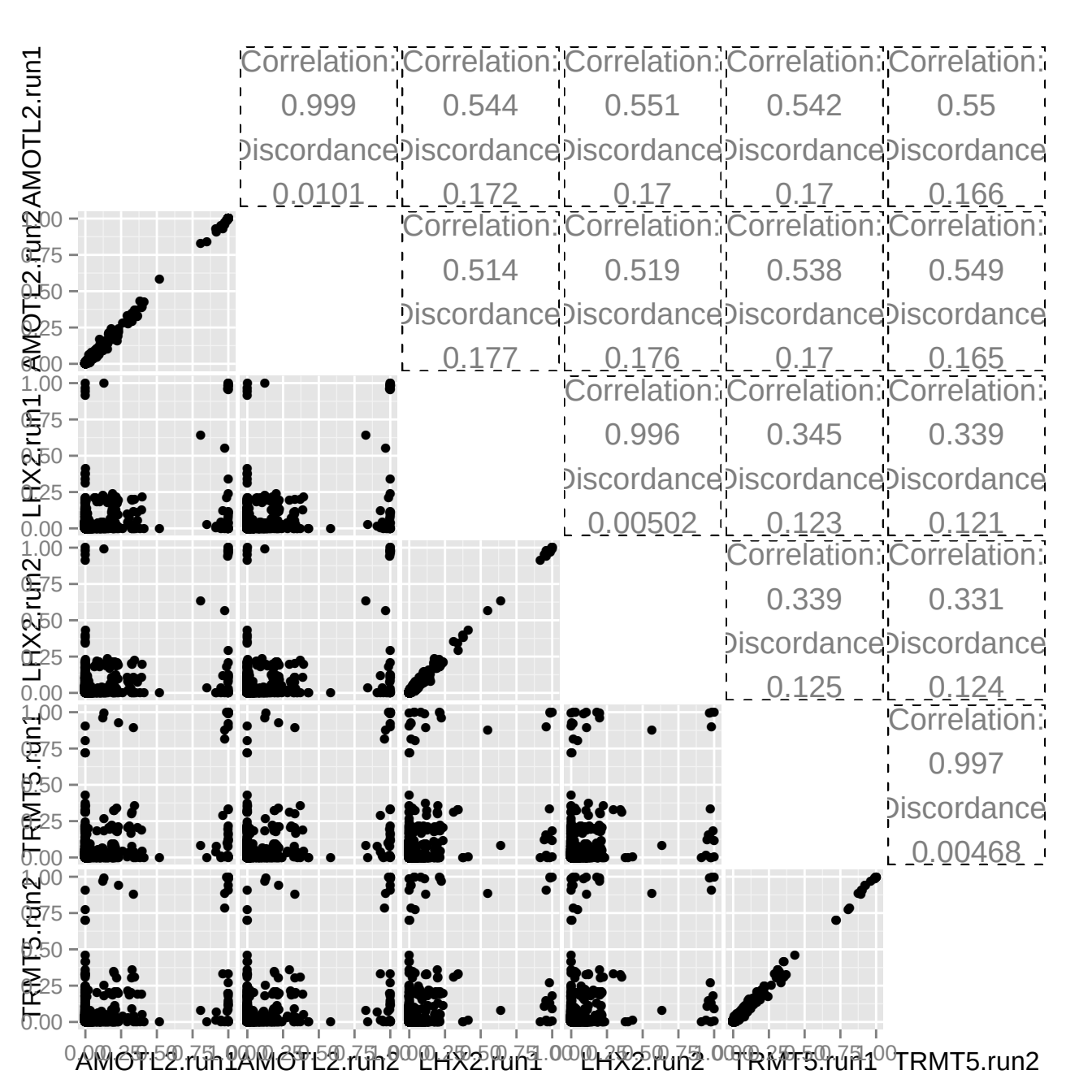

TRMT5.run1 Cumulative Variance
Variation in posterior probability
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations

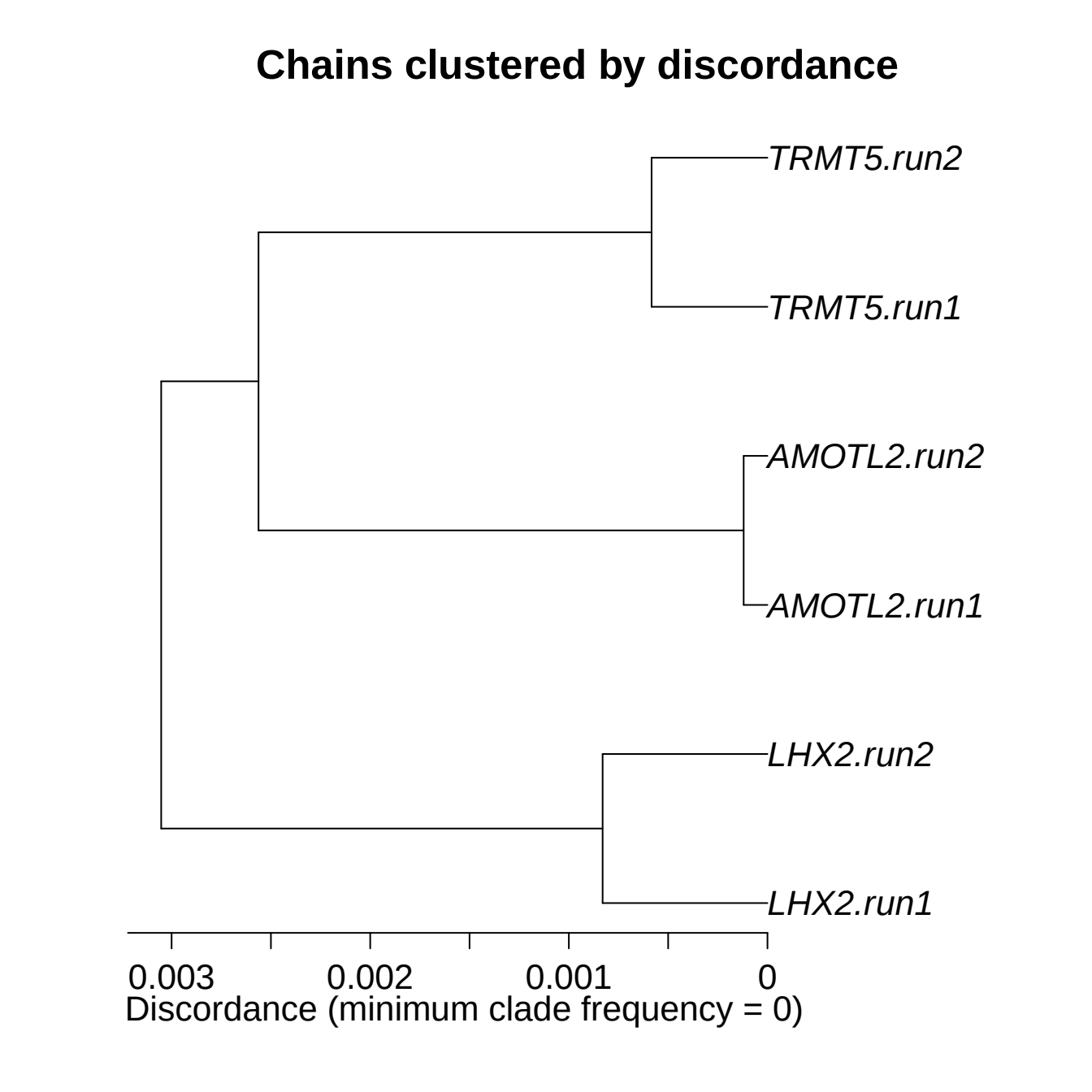

TRMT5.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations


TRMT5.run2 Cumulative Posterior Probability
Posterior.Probability
0.00
0.25
0.50
0.75
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations


TRMT5.run2 Sliding Window Variance
Variation in posterior probability
0.8
0.6
0.4
0.2
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations


TRMT5.run2 Cumulative Variance
Variation in posterior probability
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
Generations


Correlation:
0.999
Discordance
0.0101
Correlation:
0.544
Discordance
0.172
Correlation:
0.551
Discordance
0.17
Correlation:
0.542
Discordance
0.17
Correlation:
0.55
Discordance
0.166
Correlation:
0.514
Discordance
0.177
Correlation:
0.519
Discordance
0.176
Correlation:
0.538
Discordance
0.17
Correlation:
0.549
Discordance
0.165
Correlation:
0.996
Discordance
0.00502
Correlation:
0.345
Discordance
0.123
Correlation:
0.339
Discordance
0.121
Correlation:
0.339
Discordance
0.125
Correlation:
0.331
Discordance
0.124
Correlation:
0.997
Discordance
0.00468
AMOTL2.run1
AMOTL2.run2
LHX2.run1
LHX2.run2
TRMT5.run1
TRMT5.run2
0.00
0.25
0.50
0.75
1.00


Chains clustered by discordance
TRMT5.run2
TRMT5.run1
AMOTL2.run2
AMOTL2.run1
LHX2.run2
LHX2.run1
0.003
0.002
0.001
0
Discordance (minimum clade frequency = 0)