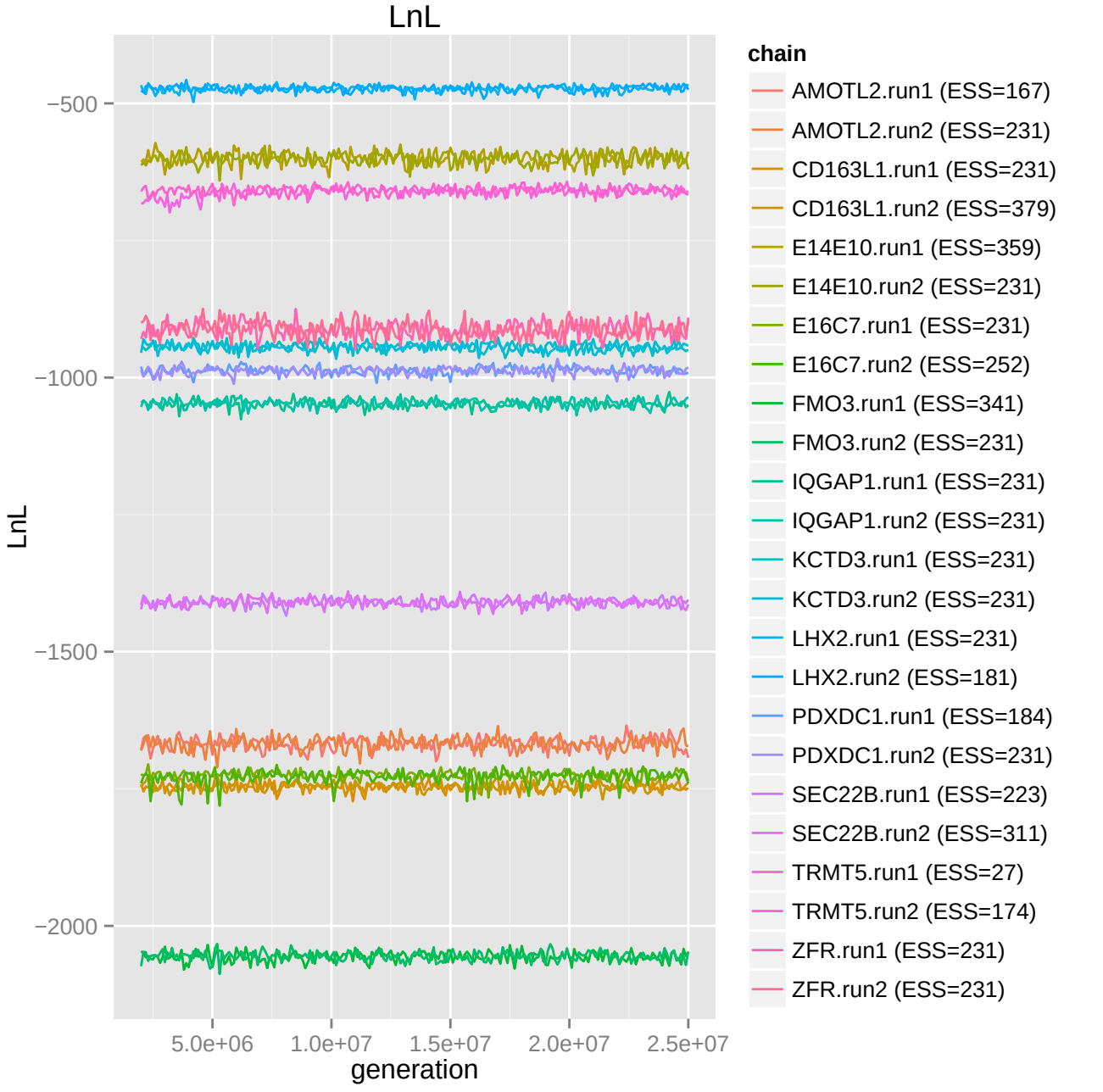
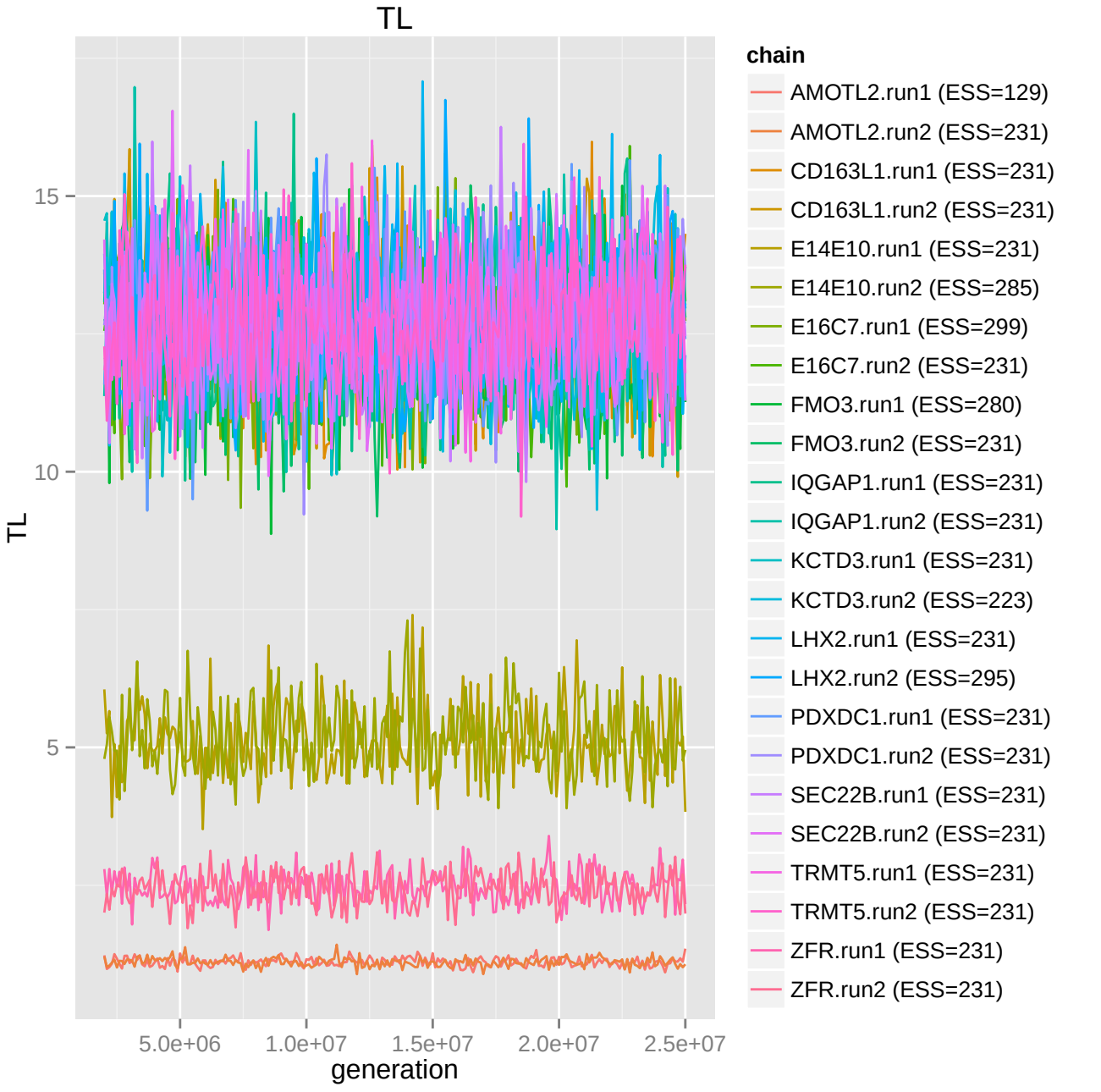
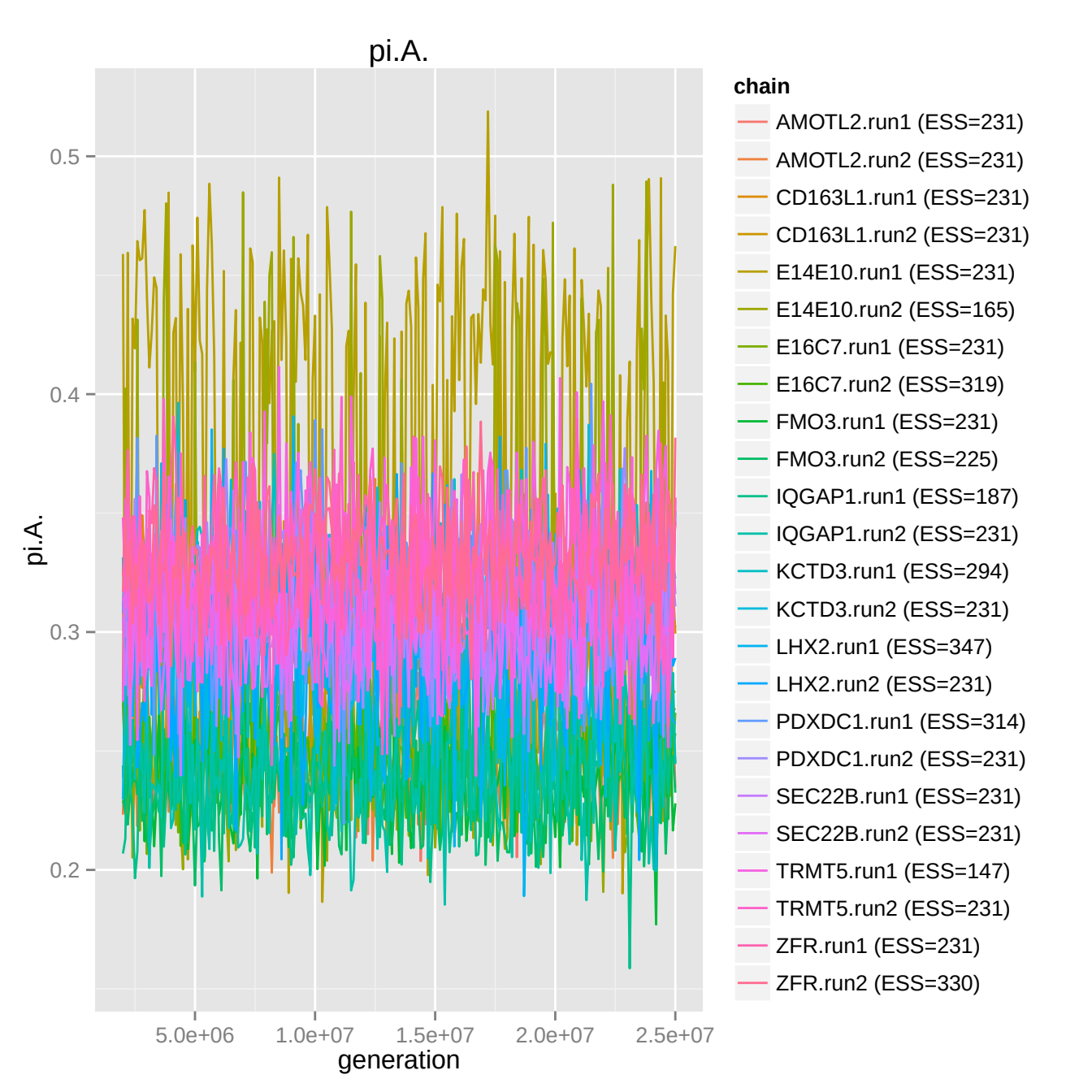
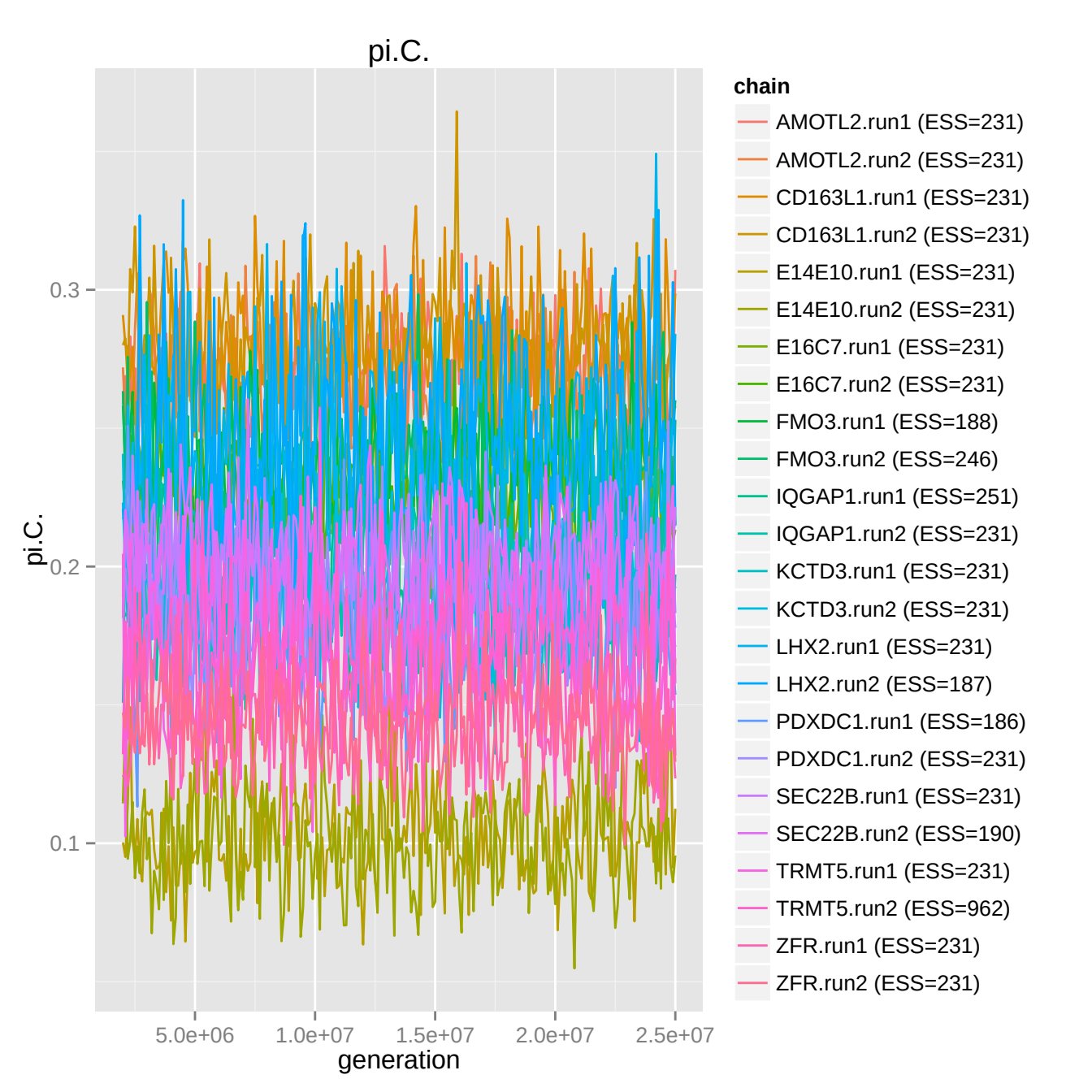
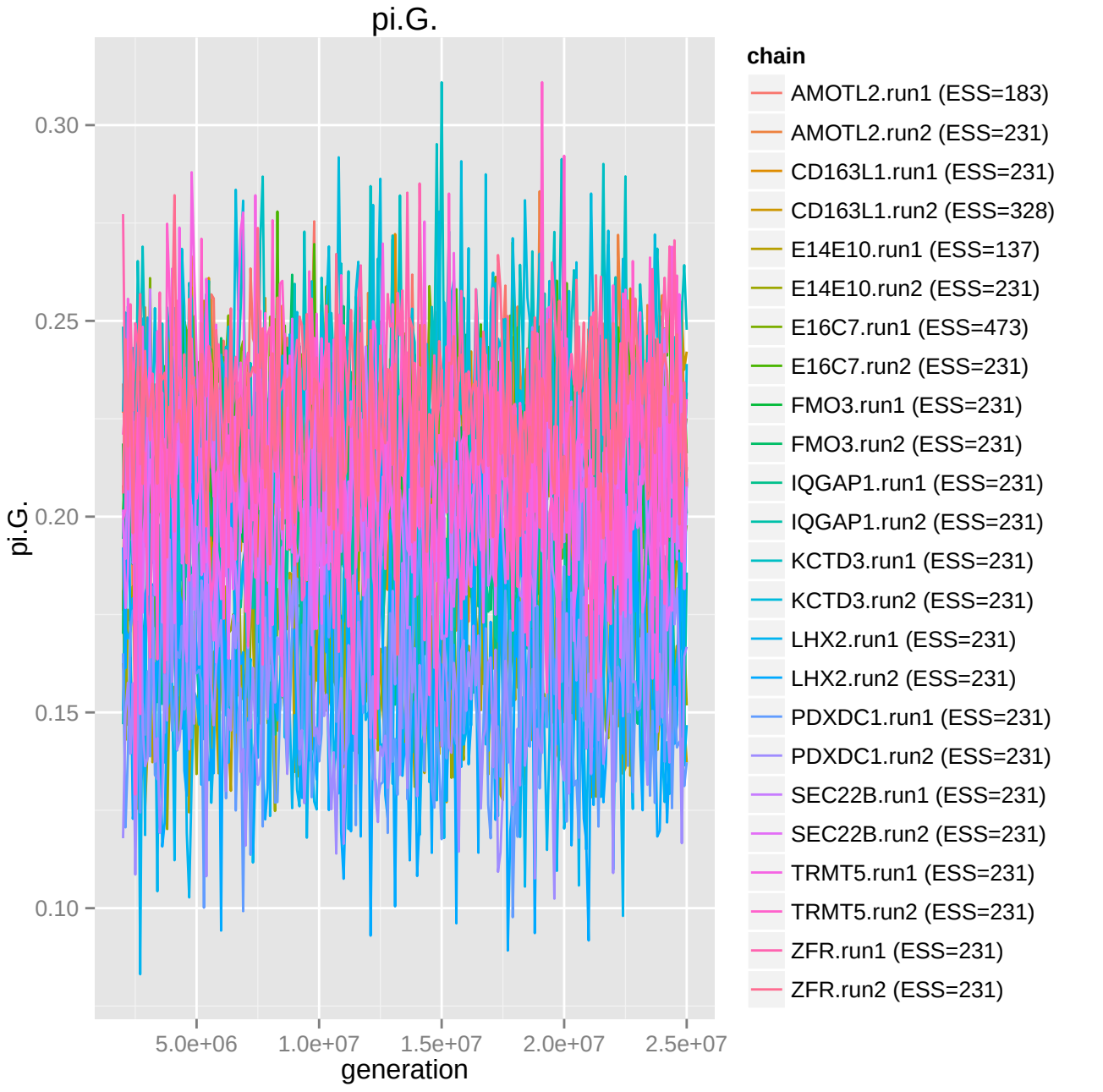
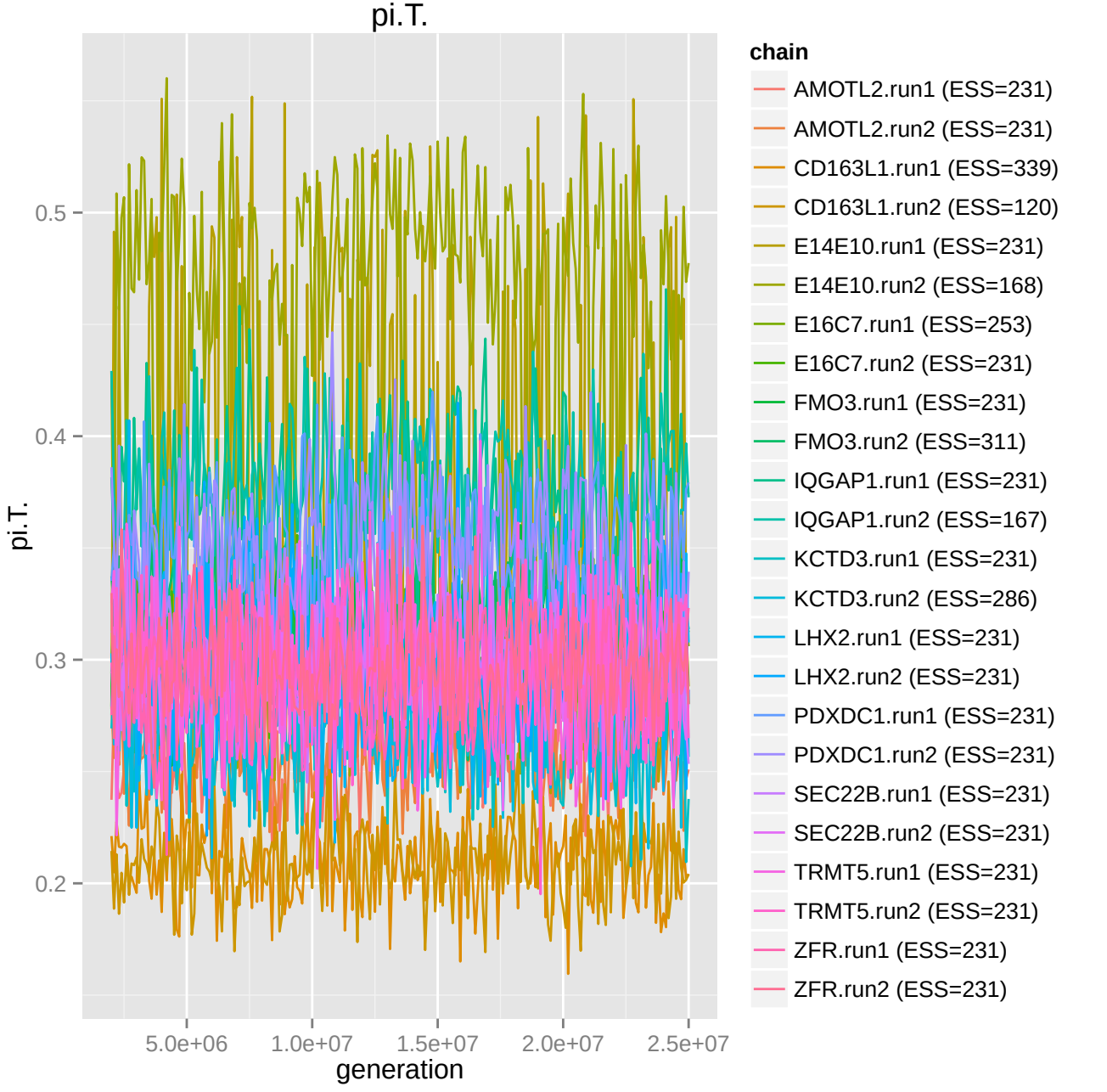

LnL
−500
−1000
−1500
−2000
LnL
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation
chain
AMOTL2.run1 (ESS=167)
AMOTL2.run2 (ESS=231)
CD163L1.run1 (ESS=231)
CD163L1.run2 (ESS=379)
E14E10.run1 (ESS=359)
E14E10.run2 (ESS=231)
E16C7.run1 (ESS=231)
E16C7.run2 (ESS=252)
FMO3.run1 (ESS=341)
FMO3.run2 (ESS=231)
IQGAP1.run1 (ESS=231)
IQGAP1.run2 (ESS=231)
KCTD3.run1 (ESS=231)
KCTD3.run2 (ESS=231)
LHX2.run1 (ESS=231)
LHX2.run2 (ESS=181)
PDXDC1.run1 (ESS=184)
PDXDC1.run2 (ESS=231)
SEC22B.run1 (ESS=223)
SEC22B.run2 (ESS=311)
TRMT5.run1 (ESS=27)
TRMT5.run2 (ESS=174)
ZFR.run1 (ESS=231)
ZFR.run2 (ESS=231)

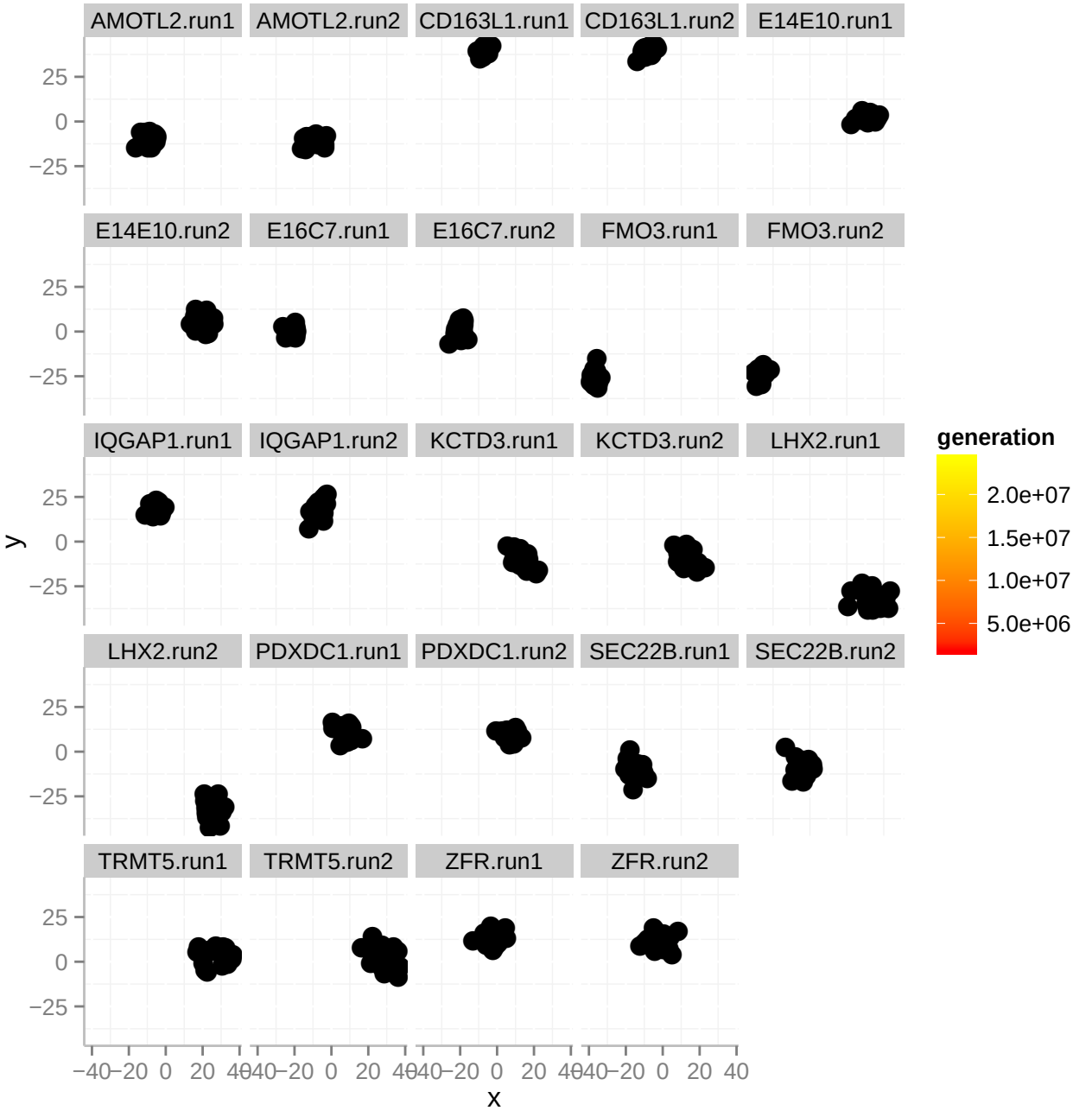

TL
TL
15
10
5
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation
chain
AMOTL2.run1 (ESS=129)
AMOTL2.run2 (ESS=231)
CD163L1.run1 (ESS=231)
CD163L1.run2 (ESS=231)
E14E10.run1 (ESS=231)
E14E10.run2 (ESS=285)
E16C7.run1 (ESS=299)
E16C7.run2 (ESS=231)
FMO3.run1 (ESS=280)
FMO3.run2 (ESS=231)
IQGAP1.run1 (ESS=231)
IQGAP1.run2 (ESS=231)
KCTD3.run1 (ESS=231)
KCTD3.run2 (ESS=223)
LHX2.run1 (ESS=231)
LHX2.run2 (ESS=295)
PDXDC1.run1 (ESS=231)
PDXDC1.run2 (ESS=231)
SEC22B.run1 (ESS=231)
SEC22B.run2 (ESS=231)
TRMT5.run1 (ESS=231)
TRMT5.run2 (ESS=231)
ZFR.run1 (ESS=231)
ZFR.run2 (ESS=231)

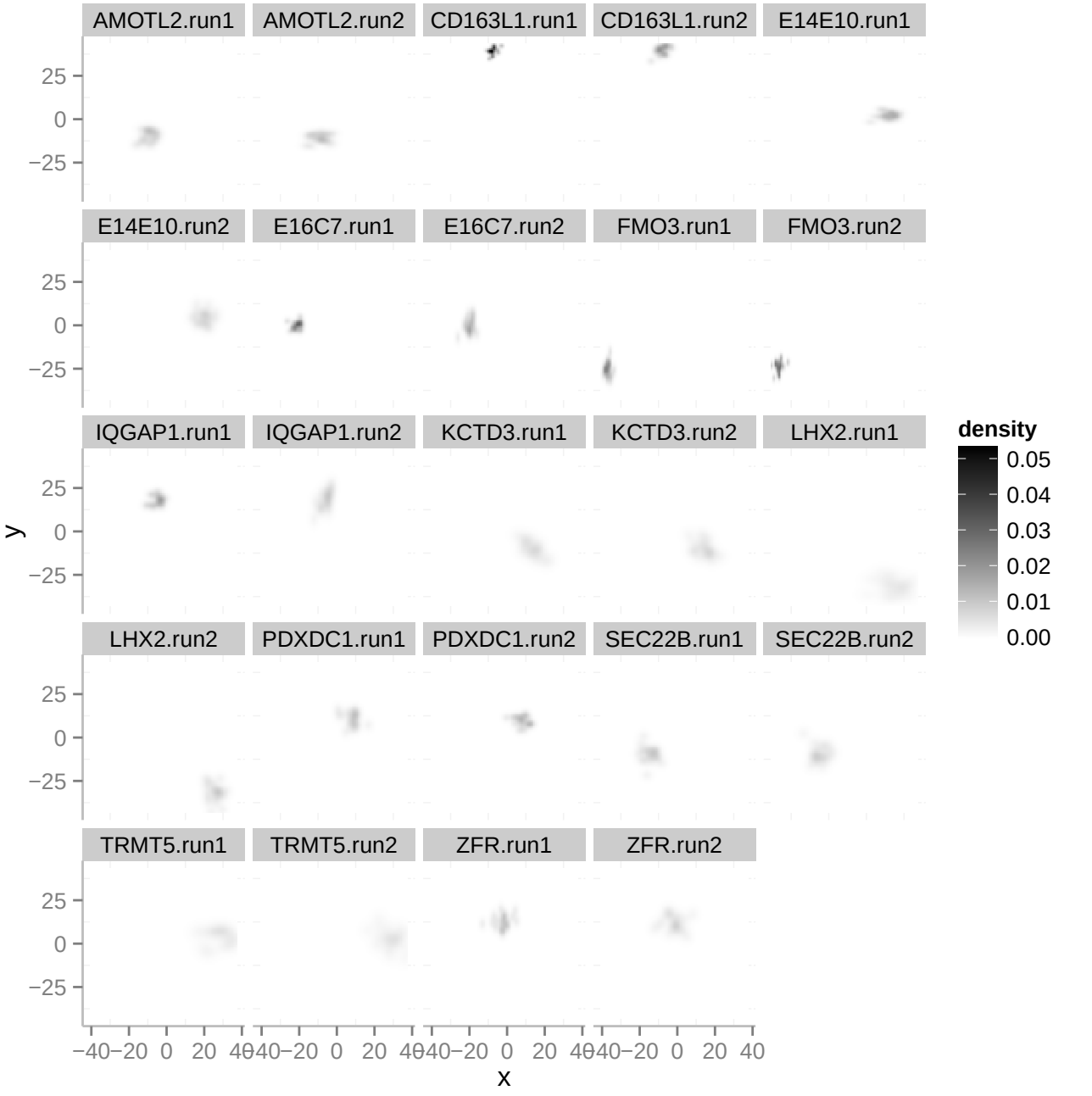

pi.A.
0.5
0.4
0.3
0.2
pi.A.
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation
chain
AMOTL2.run1 (ESS=231)
AMOTL2.run2 (ESS=231)
CD163L1.run1 (ESS=231)
CD163L1.run2 (ESS=231)
E14E10.run1 (ESS=231)
E14E10.run2 (ESS=165)
E16C7.run1 (ESS=231)
E16C7.run2 (ESS=319)
FMO3.run1 (ESS=231)
FMO3.run2 (ESS=225)
IQGAP1.run1 (ESS=187)
IQGAP1.run2 (ESS=231)
KCTD3.run1 (ESS=294)
KCTD3.run2 (ESS=231)
LHX2.run1 (ESS=347)
LHX2.run2 (ESS=231)
PDXDC1.run1 (ESS=314)
PDXDC1.run2 (ESS=231)
SEC22B.run1 (ESS=231)
SEC22B.run2 (ESS=231)
TRMT5.run1 (ESS=147)
TRMT5.run2 (ESS=231)
ZFR.run1 (ESS=231)
ZFR.run2 (ESS=330)

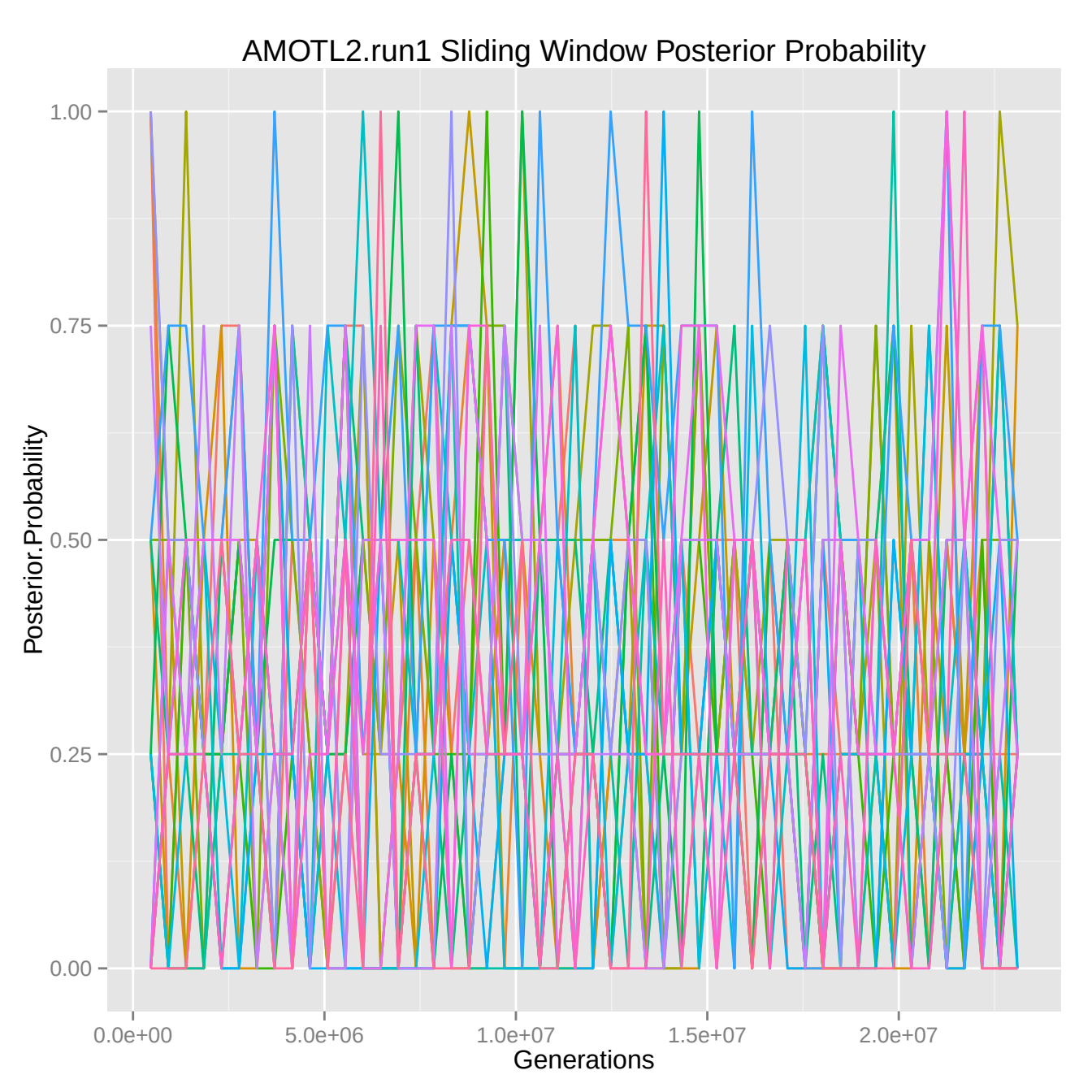

pi.C.
pi.C.
0.3
0.2
0.1
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation
chain
AMOTL2.run1 (ESS=231)
AMOTL2.run2 (ESS=231)
CD163L1.run1 (ESS=231)
CD163L1.run2 (ESS=231)
E14E10.run1 (ESS=231)
E14E10.run2 (ESS=231)
E16C7.run1 (ESS=231)
E16C7.run2 (ESS=231)
FMO3.run1 (ESS=188)
FMO3.run2 (ESS=246)
IQGAP1.run1 (ESS=251)
IQGAP1.run2 (ESS=231)
KCTD3.run1 (ESS=231)
KCTD3.run2 (ESS=231)
LHX2.run1 (ESS=231)
LHX2.run2 (ESS=187)
PDXDC1.run1 (ESS=186)
PDXDC1.run2 (ESS=231)
SEC22B.run1 (ESS=231)
SEC22B.run2 (ESS=190)
TRMT5.run1 (ESS=231)
TRMT5.run2 (ESS=962)
ZFR.run1 (ESS=231)
ZFR.run2 (ESS=231)

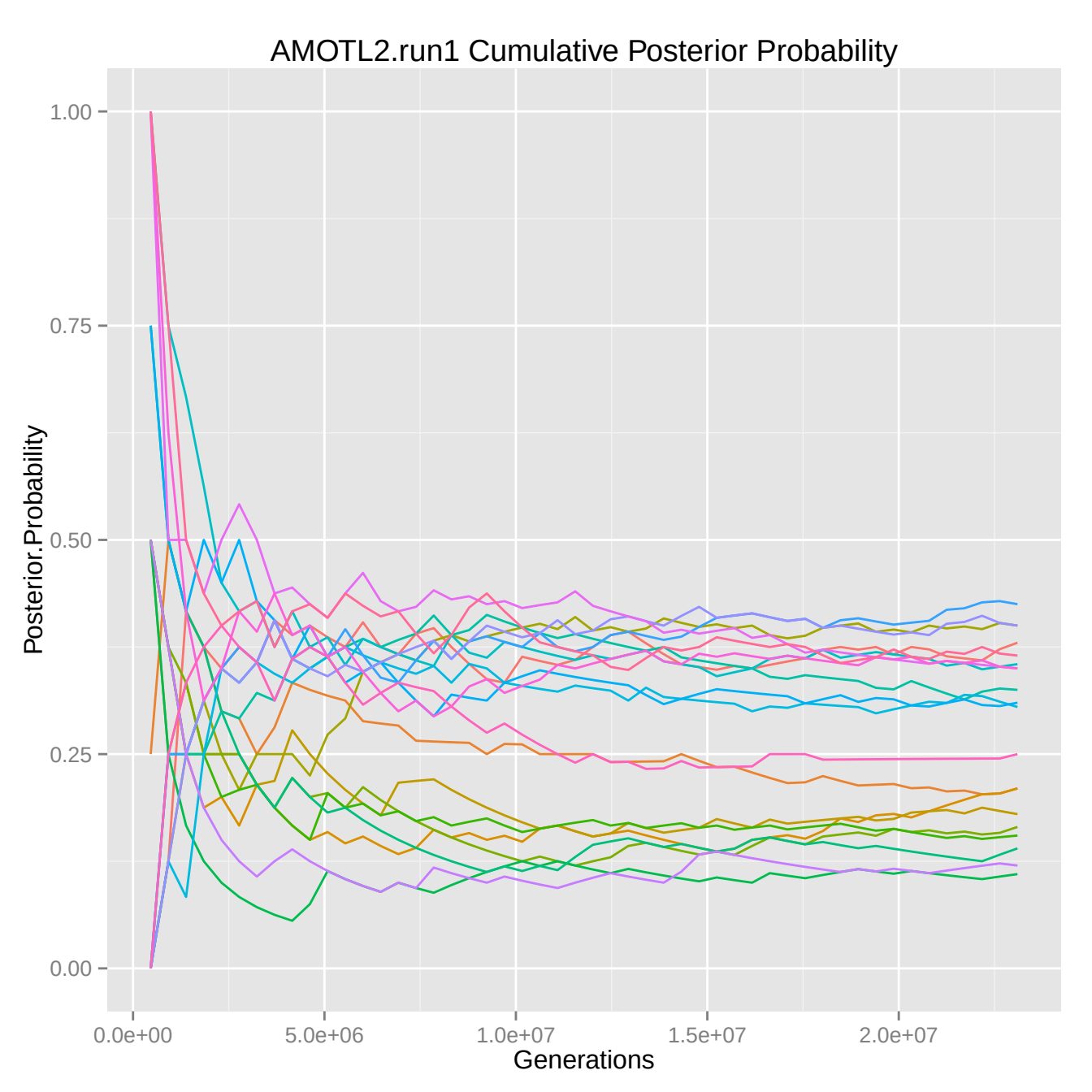

pi.G.
0.30
0.25
0.20
0.15
0.10
pi.G.
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation
chain
AMOTL2.run1 (ESS=183)
AMOTL2.run2 (ESS=231)
CD163L1.run1 (ESS=231)
CD163L1.run2 (ESS=328)
E14E10.run1 (ESS=137)
E14E10.run2 (ESS=231)
E16C7.run1 (ESS=473)
E16C7.run2 (ESS=231)
FMO3.run1 (ESS=231)
FMO3.run2 (ESS=231)
IQGAP1.run1 (ESS=231)
IQGAP1.run2 (ESS=231)
KCTD3.run1 (ESS=231)
KCTD3.run2 (ESS=231)
LHX2.run1 (ESS=231)
LHX2.run2 (ESS=231)
PDXDC1.run1 (ESS=231)
PDXDC1.run2 (ESS=231)
SEC22B.run1 (ESS=231)
SEC22B.run2 (ESS=231)
TRMT5.run1 (ESS=231)
TRMT5.run2 (ESS=231)
ZFR.run1 (ESS=231)
ZFR.run2 (ESS=231)

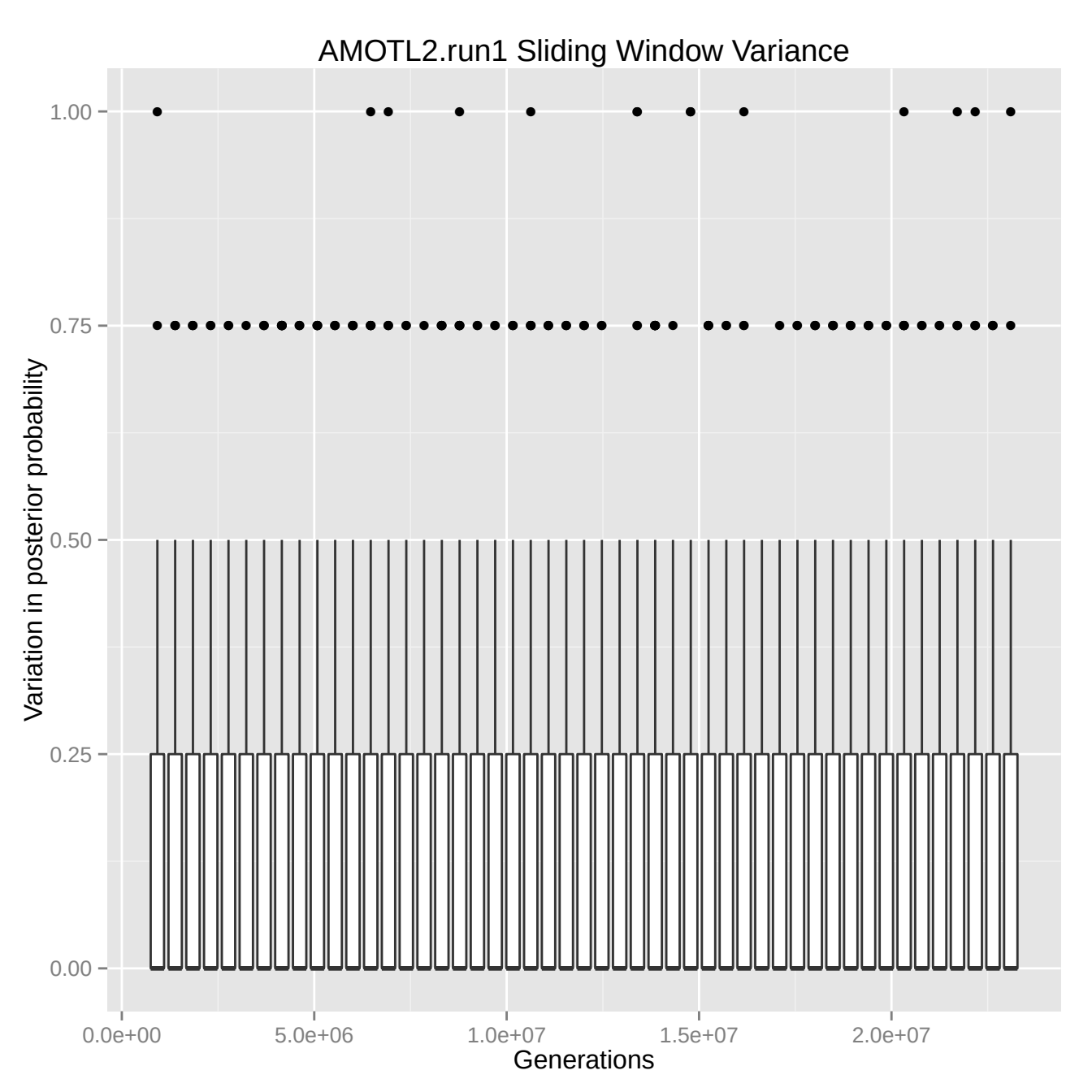

pi.T.
pi.T.
0.5
0.4
0.3
0.2
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
generation
chain
AMOTL2.run1 (ESS=231)
AMOTL2.run2 (ESS=231)
CD163L1.run1 (ESS=339)
CD163L1.run2 (ESS=120)
E14E10.run1 (ESS=231)
E14E10.run2 (ESS=168)
E16C7.run1 (ESS=253)
E16C7.run2 (ESS=231)
FMO3.run1 (ESS=231)
FMO3.run2 (ESS=311)
IQGAP1.run1 (ESS=231)
IQGAP1.run2 (ESS=167)
KCTD3.run1 (ESS=231)
KCTD3.run2 (ESS=286)
LHX2.run1 (ESS=231)
LHX2.run2 (ESS=231)
PDXDC1.run1 (ESS=231)
PDXDC1.run2 (ESS=231)
SEC22B.run1 (ESS=231)
SEC22B.run2 (ESS=231)
TRMT5.run1 (ESS=231)
TRMT5.run2 (ESS=231)
ZFR.run1 (ESS=231)
ZFR.run2 (ESS=231)

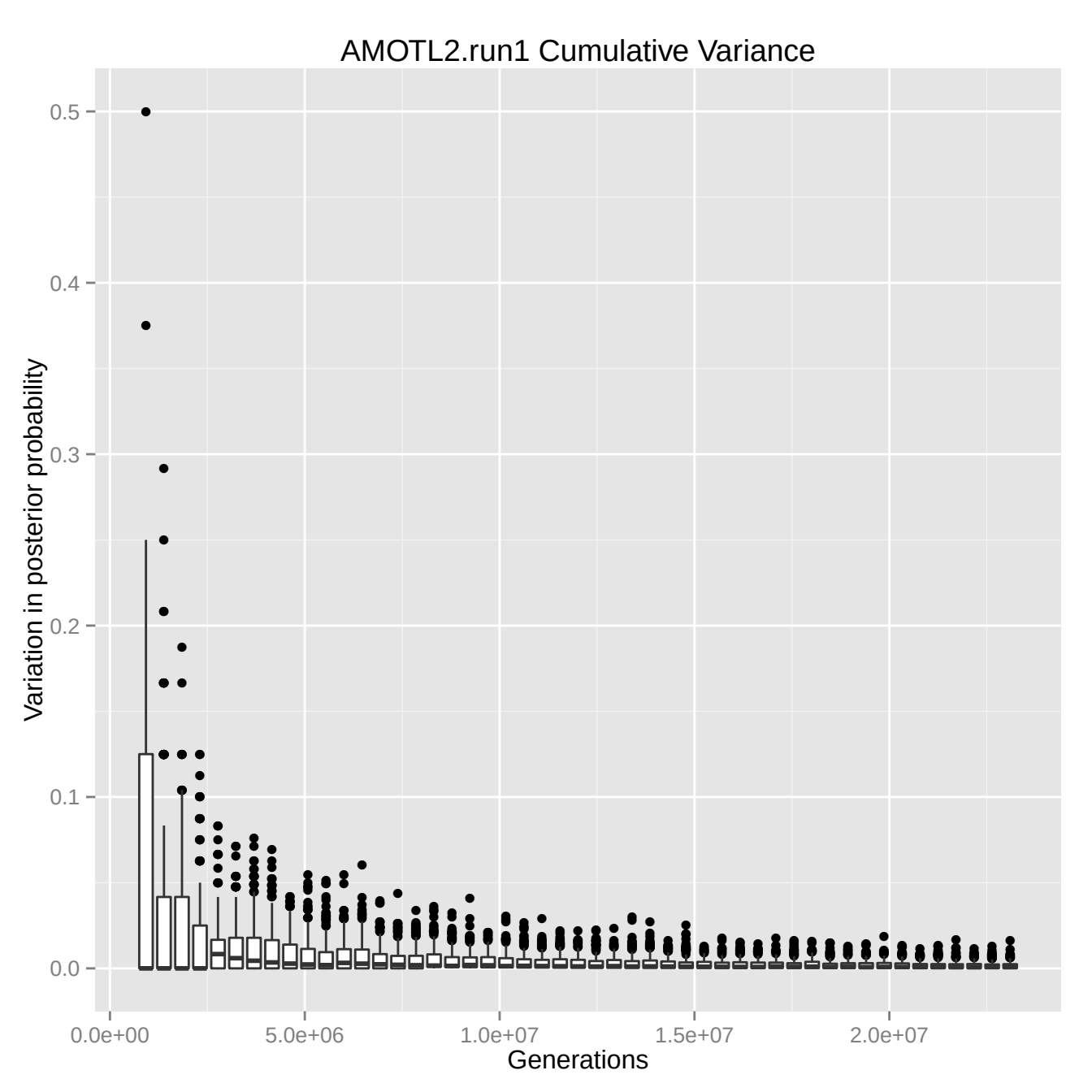

AMOTL2.run1
AMOTL2.run2
CD163L1.run1
CD163L1.run2
E14E10.run1
E14E10.run2
E16C7.run1
E16C7.run2
FMO3.run1
FMO3.run2
IQGAP1.run1
IQGAP1.run2
KCTD3.run1
KCTD3.run2
LHX2.run1
LHX2.run2
PDXDC1.run1
PDXDC1.run2
SEC22B.run1
SEC22B.run2
TRMT5.run1
TRMT5.run2
ZFR.run1
ZFR.run2
25
0
−25
−40
−20
0
20
40
y
x
generation
2.0e+07
1.5e+07
1.0e+07
5.0e+06

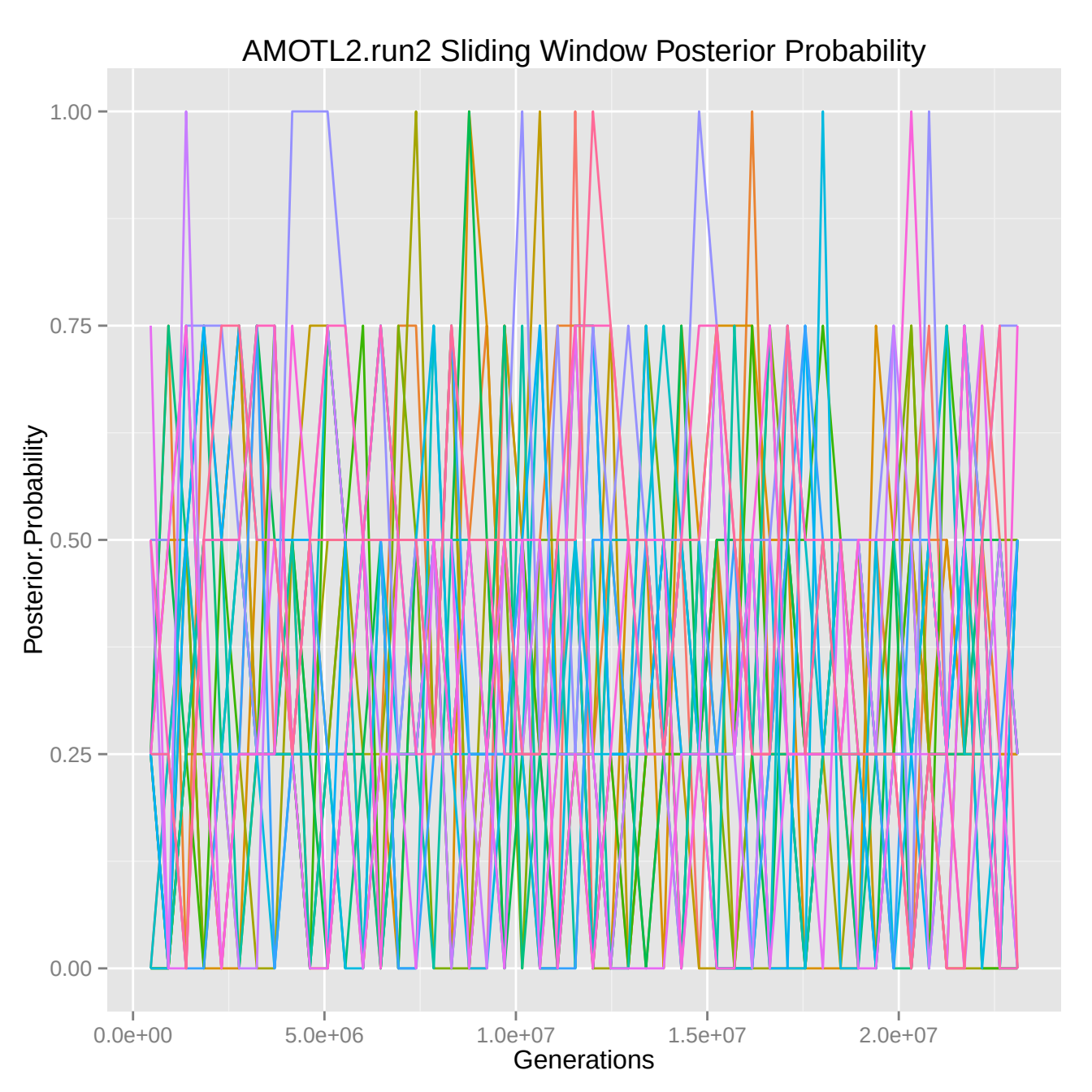

AMOTL2.run1
AMOTL2.run2
CD163L1.run1
CD163L1.run2
E14E10.run1
E14E10.run2
E16C7.run1
E16C7.run2
FMO3.run1
FMO3.run2
IQGAP1.run1
IQGAP1.run2
KCTD3.run1
KCTD3.run2
LHX2.run1
LHX2.run2
PDXDC1.run1
PDXDC1.run2
SEC22B.run1
SEC22B.run2
TRMT5.run1
TRMT5.run2
ZFR.run1
ZFR.run2
25
0
−25
−40
−20
0
20
40
y
x
density
0.05
0.04
0.03
0.02
0.01
0.00

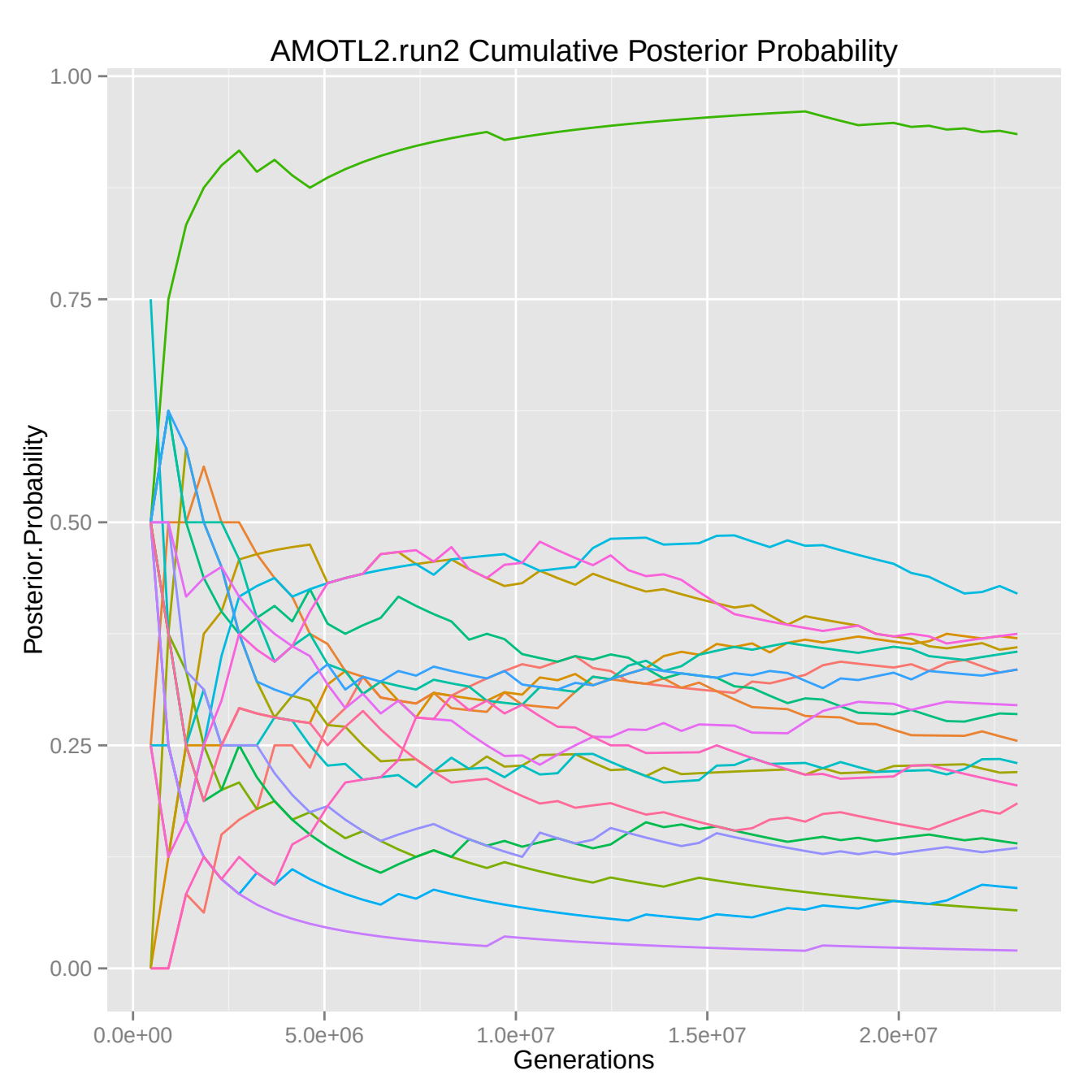

AMOTL2.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

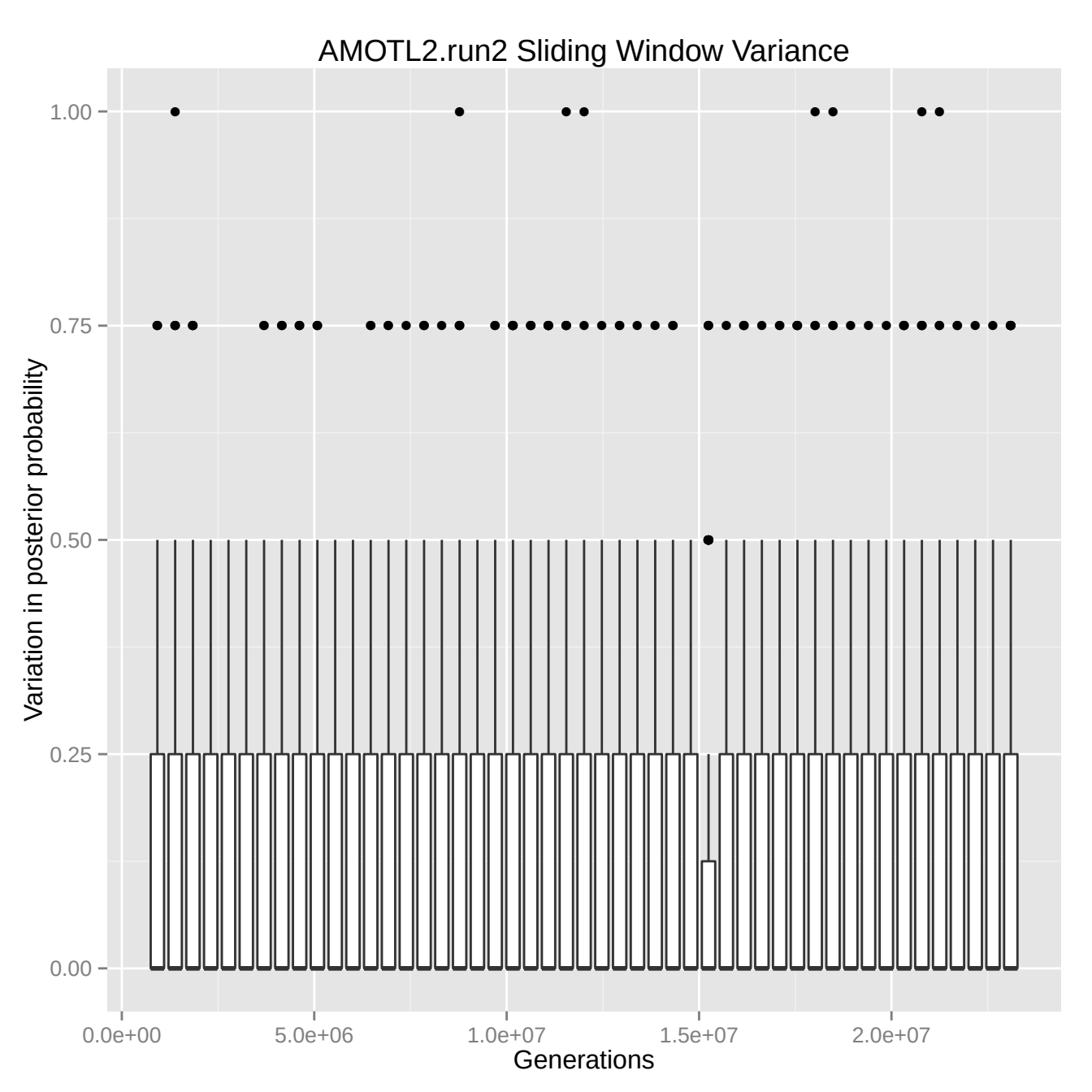

AMOTL2.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

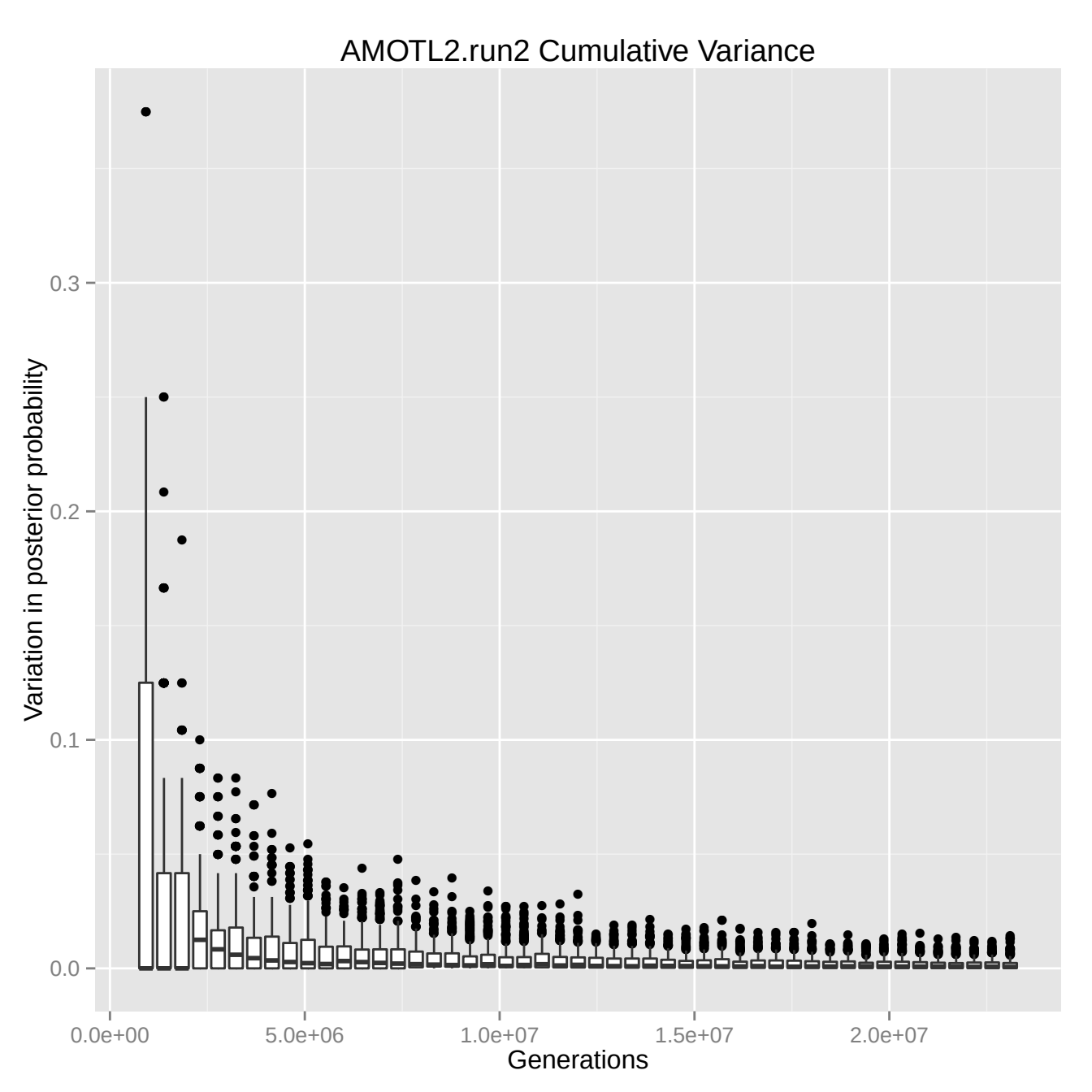

AMOTL2.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

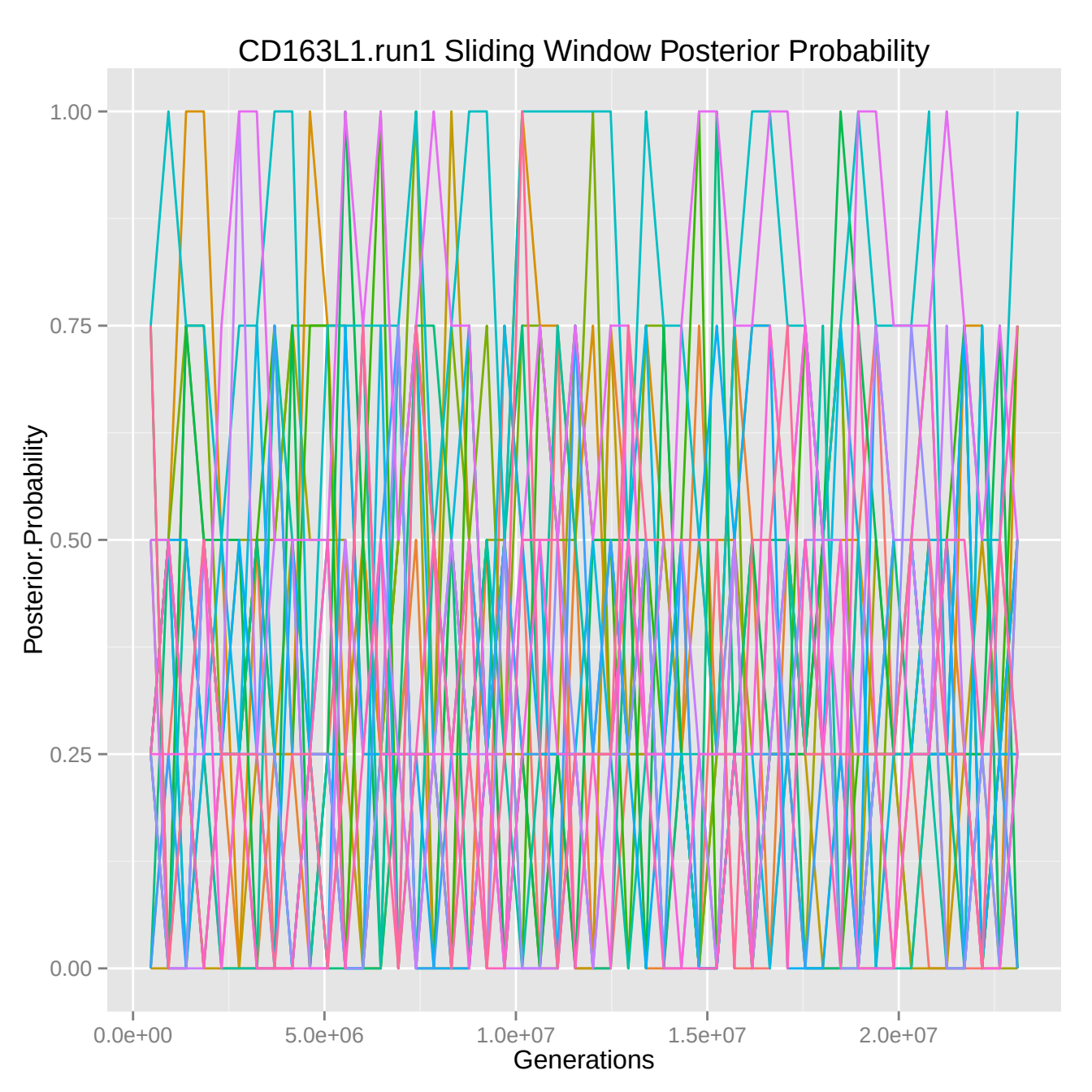

AMOTL2.run1 Cumulative Variance
Variation in posterior probability
0.5
0.4
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

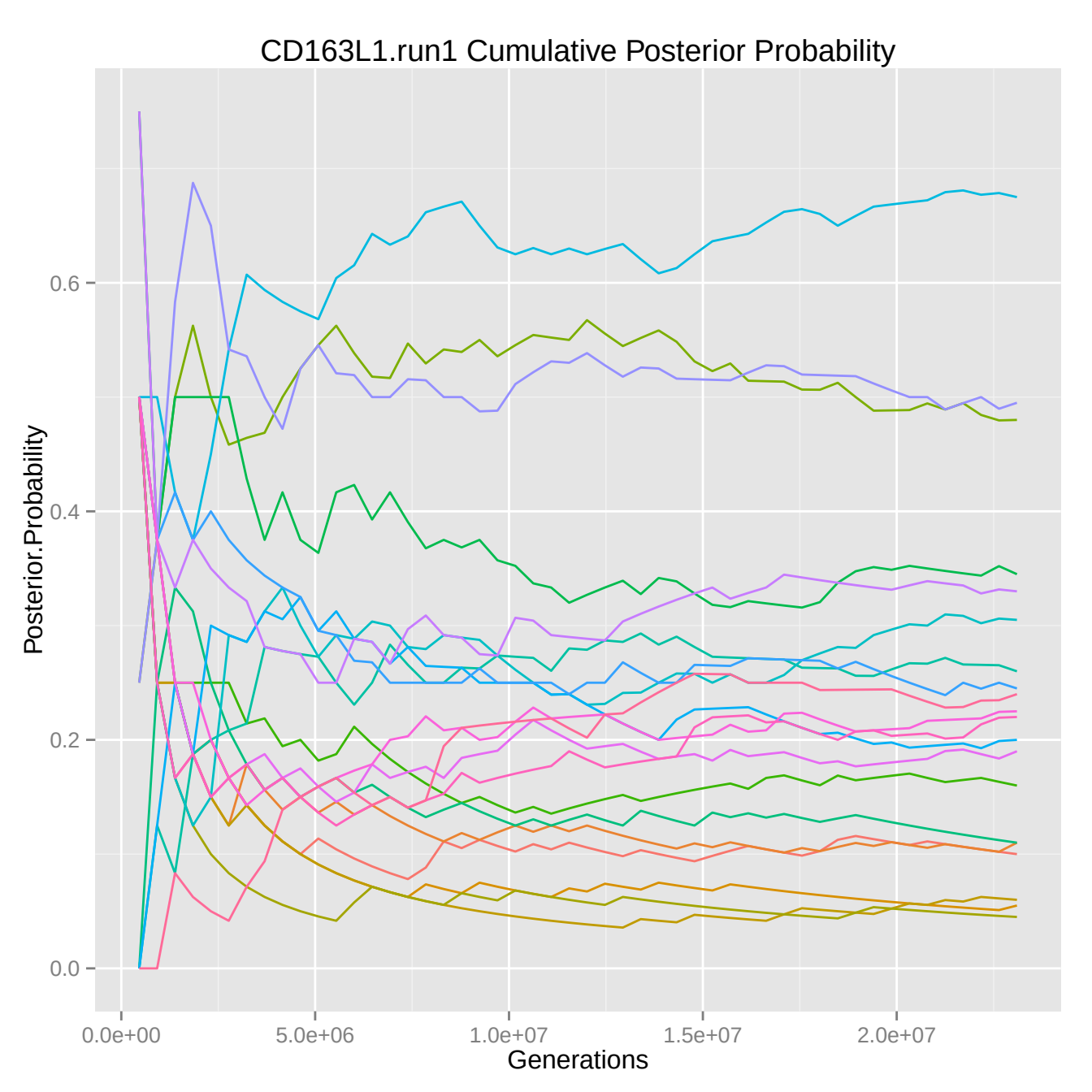

AMOTL2.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

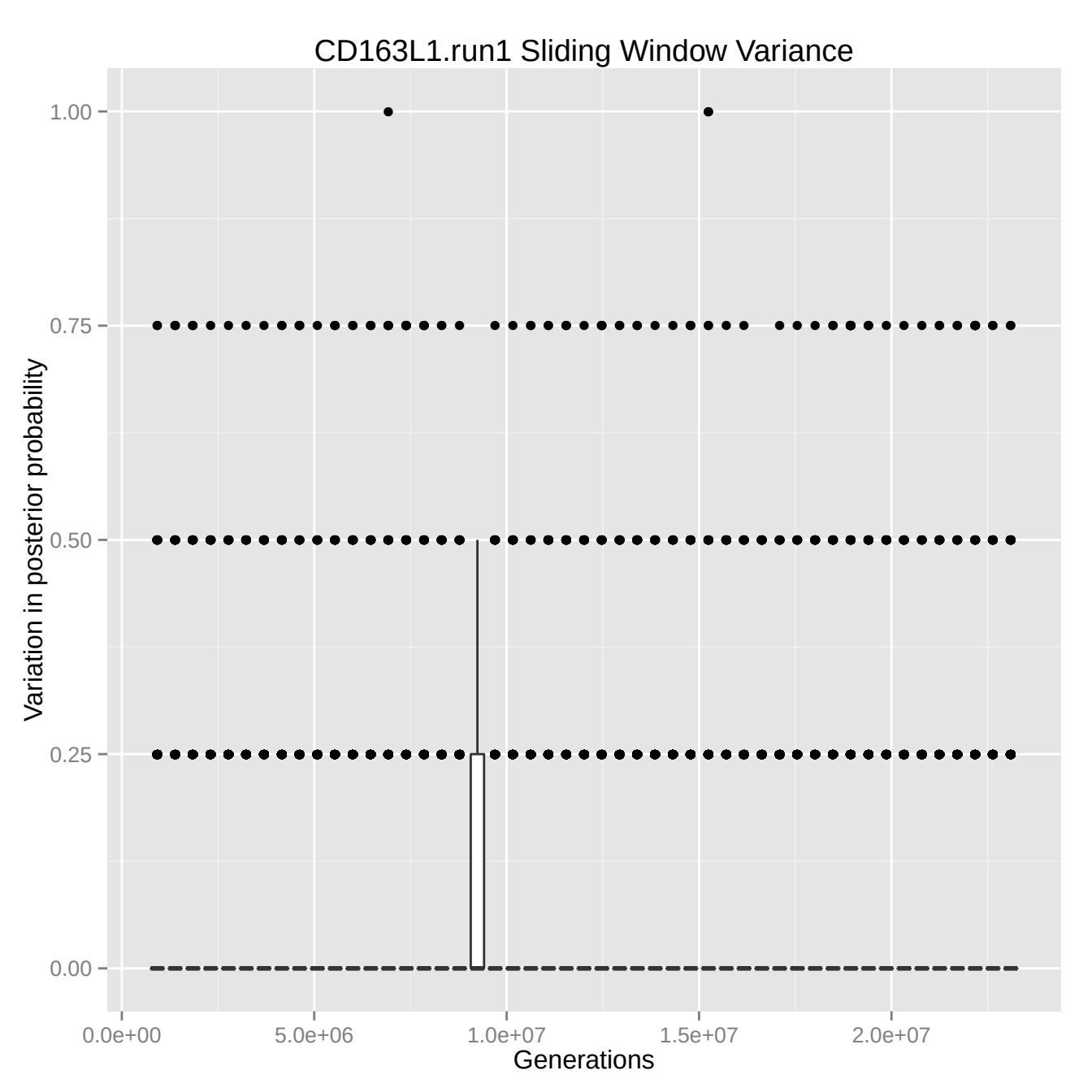

AMOTL2.run2 Cumulative Posterior Probability
1.00
0.75
0.50
0.25
0.00
Posterior.Probability
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

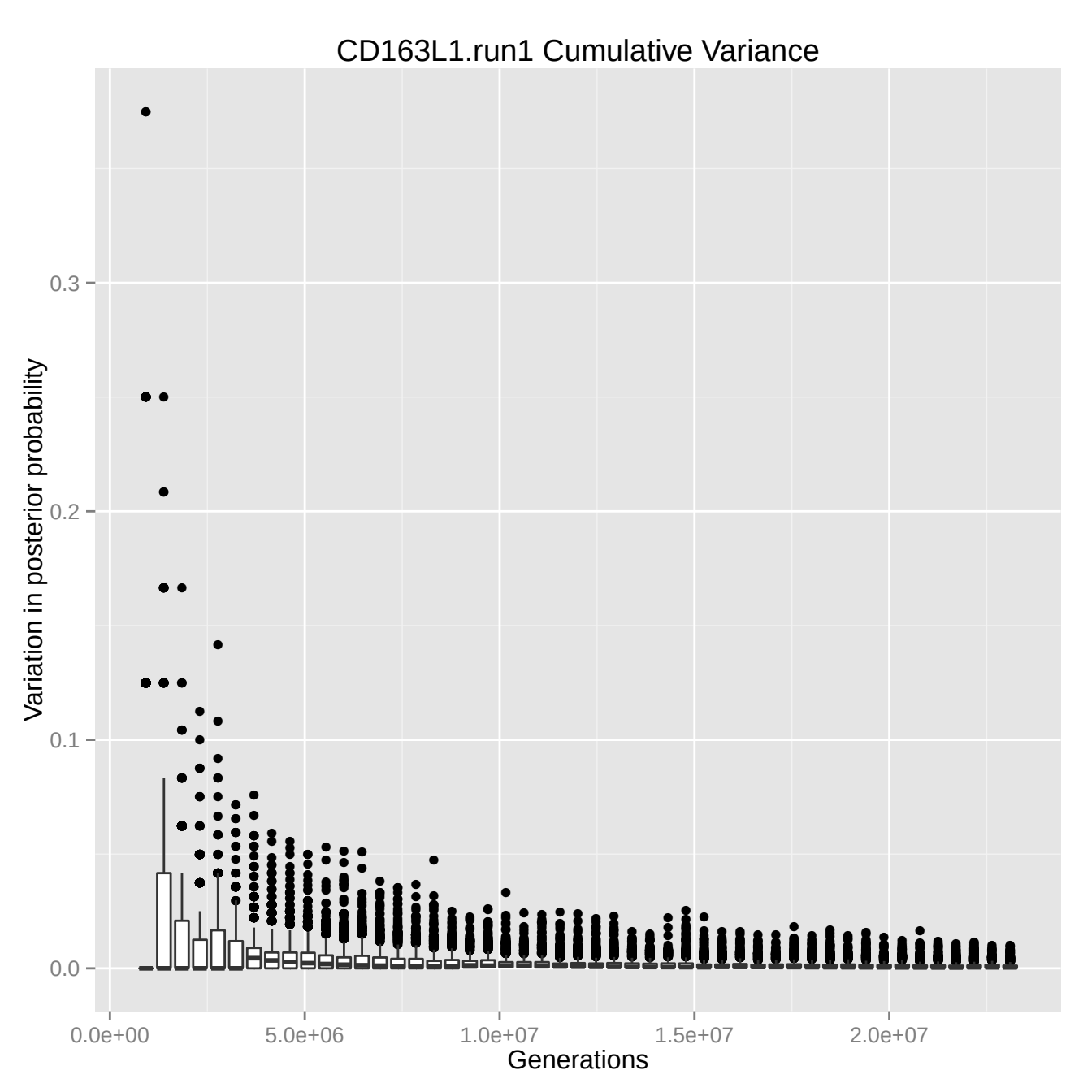

AMOTL2.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

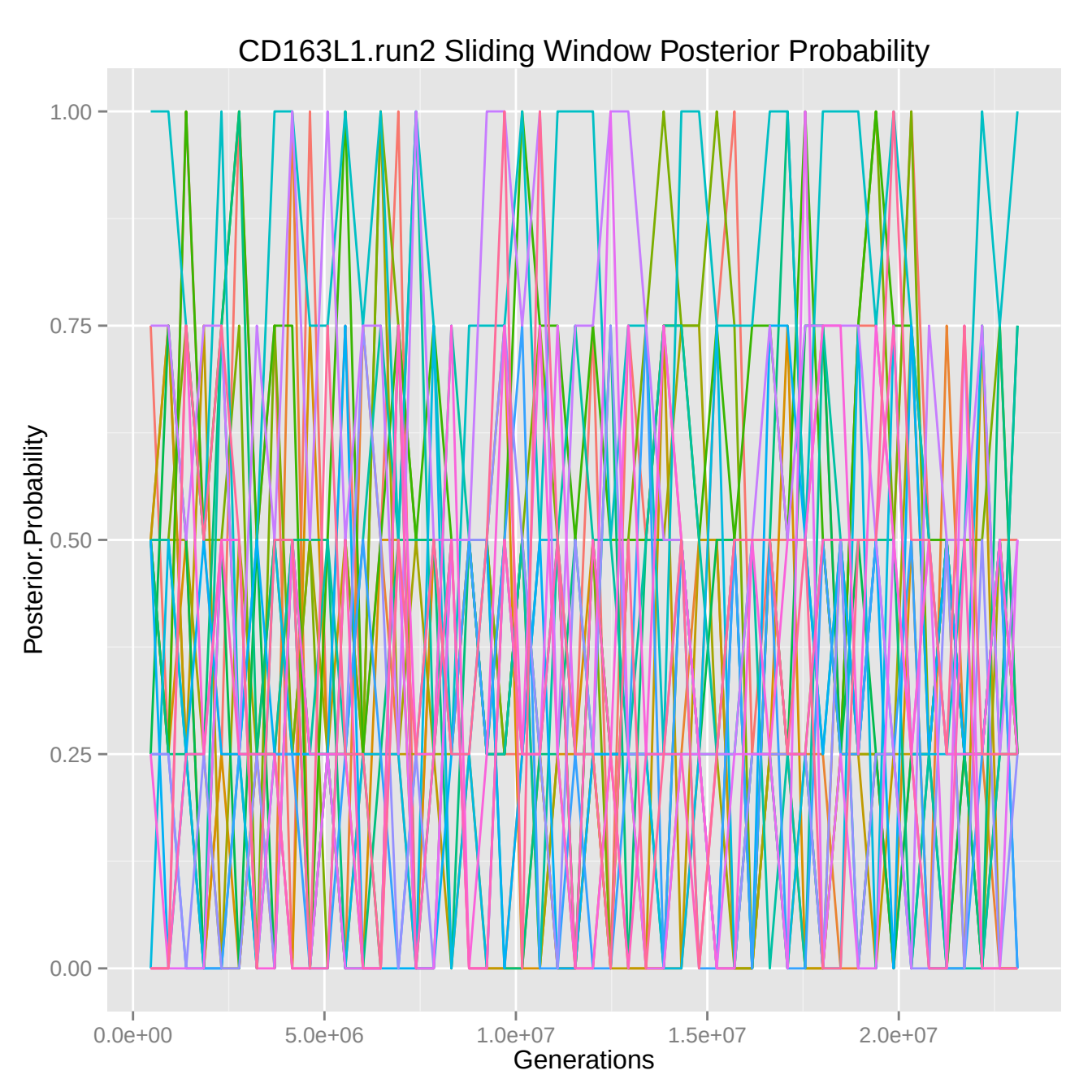

AMOTL2.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

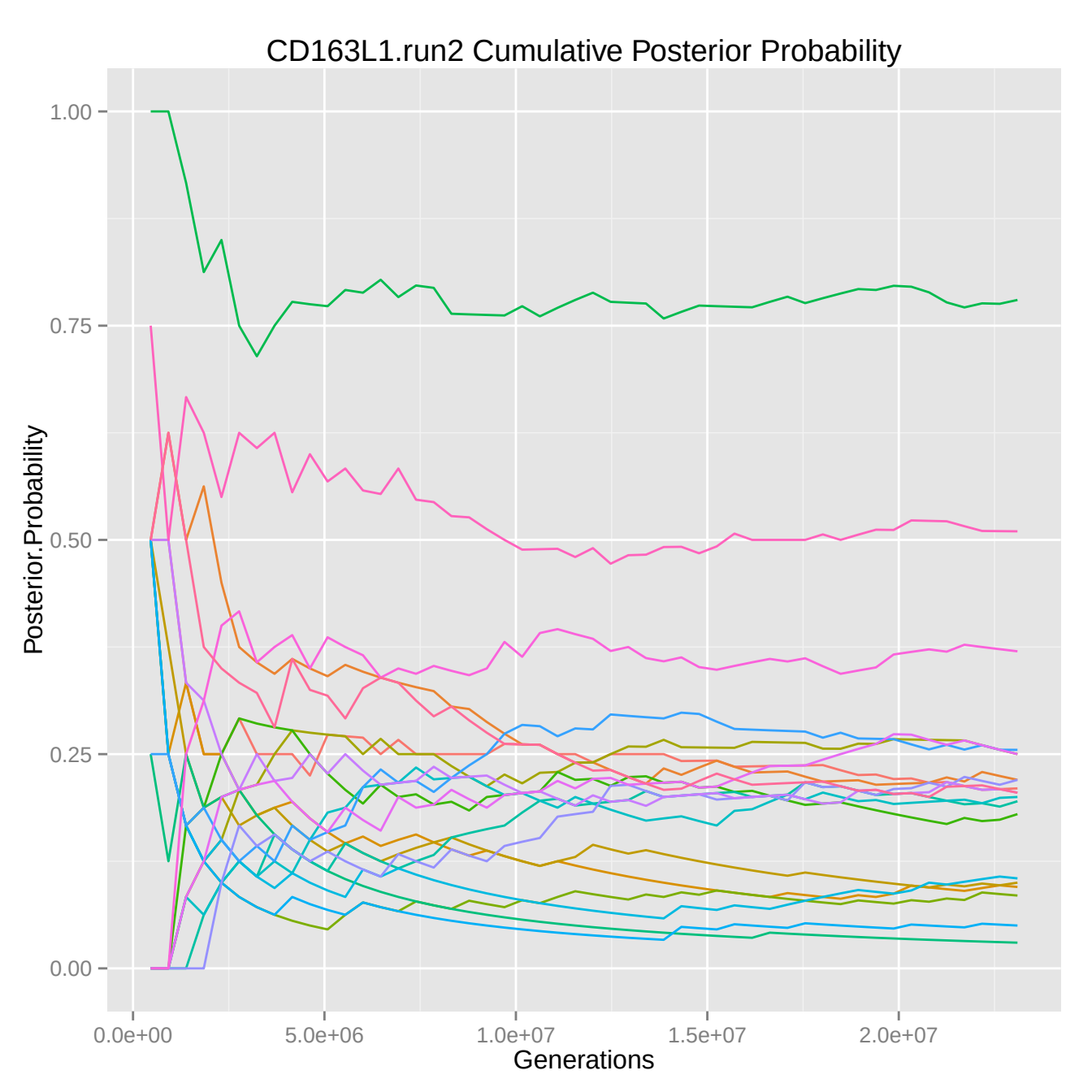

CD163L1.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

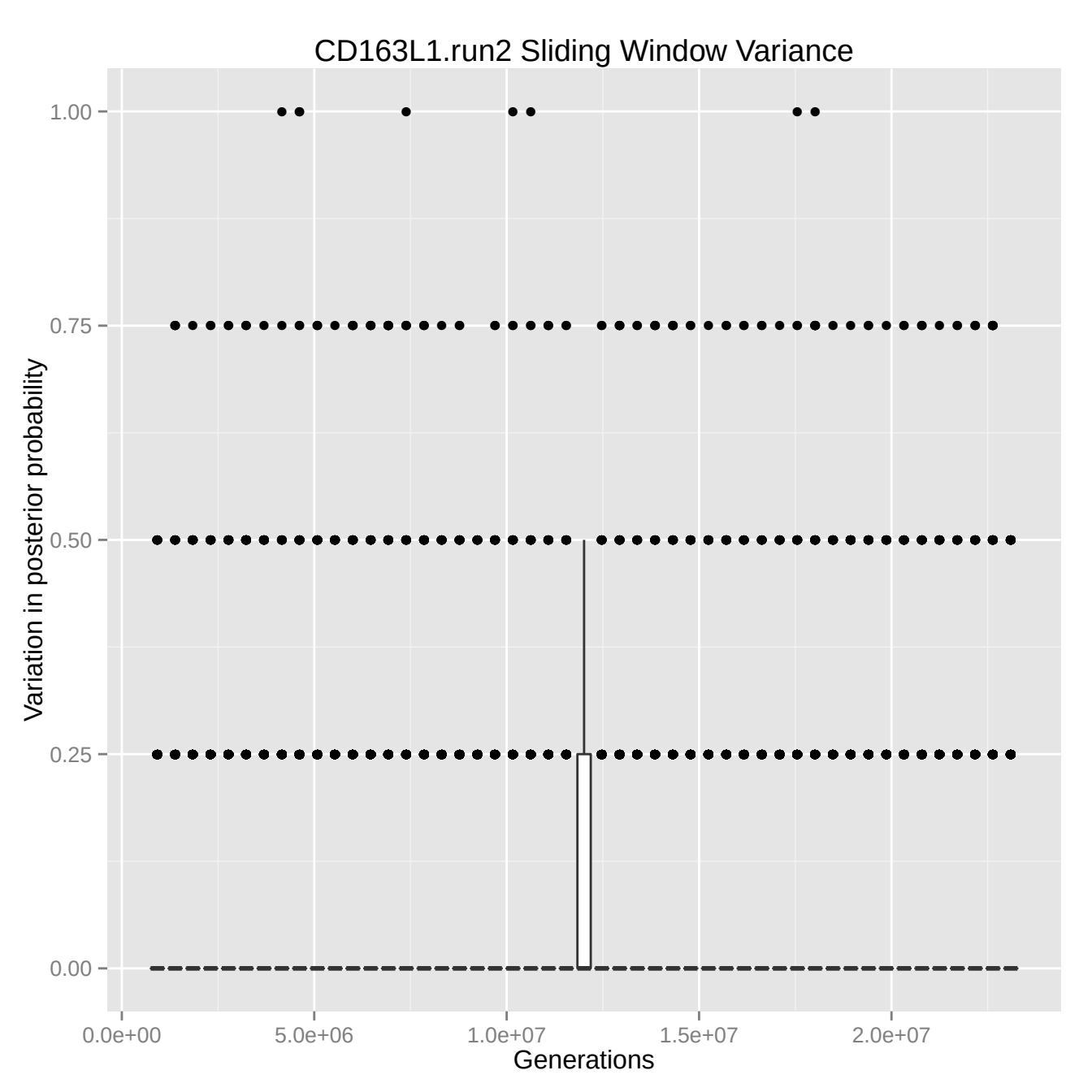

CD163L1.run1 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

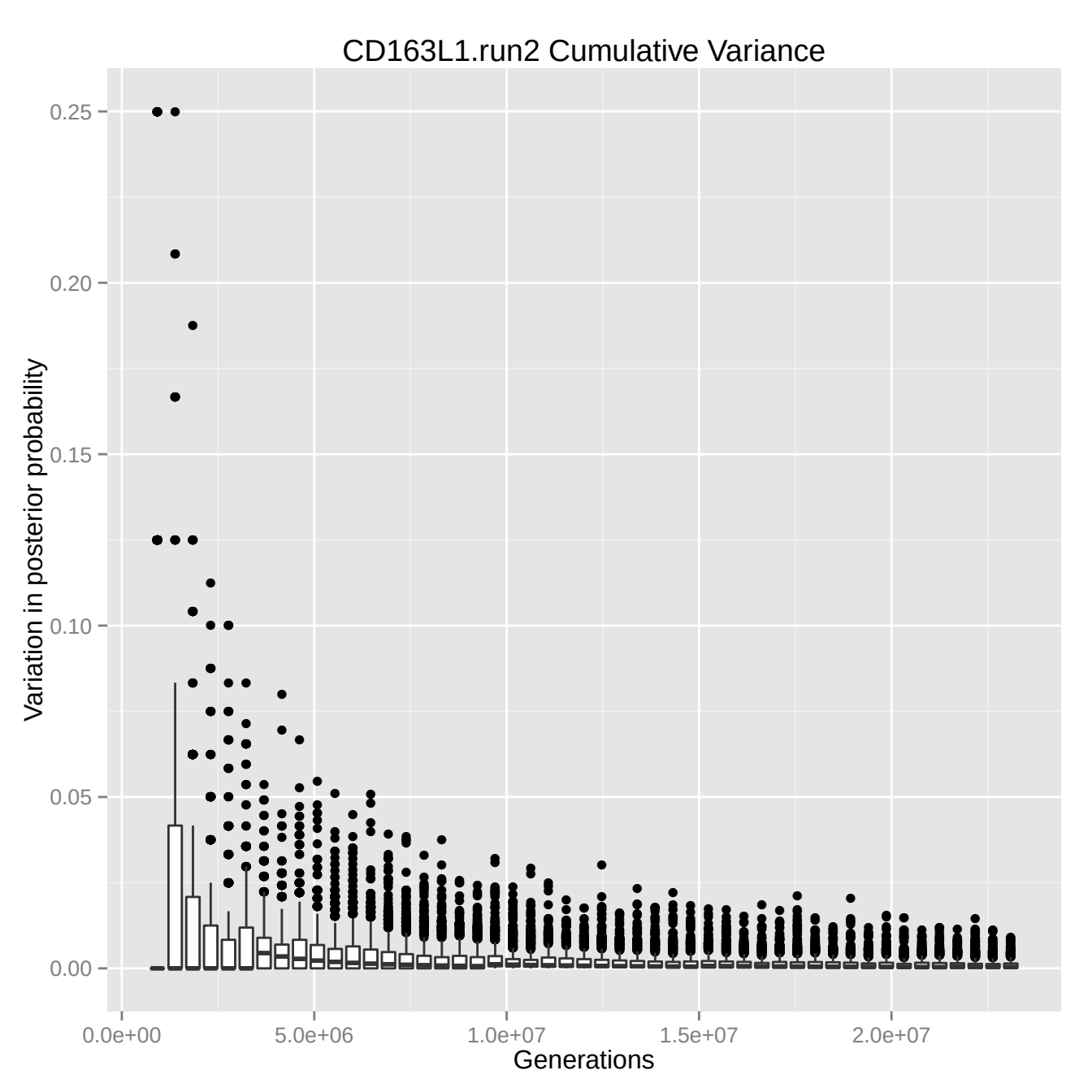

CD163L1.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

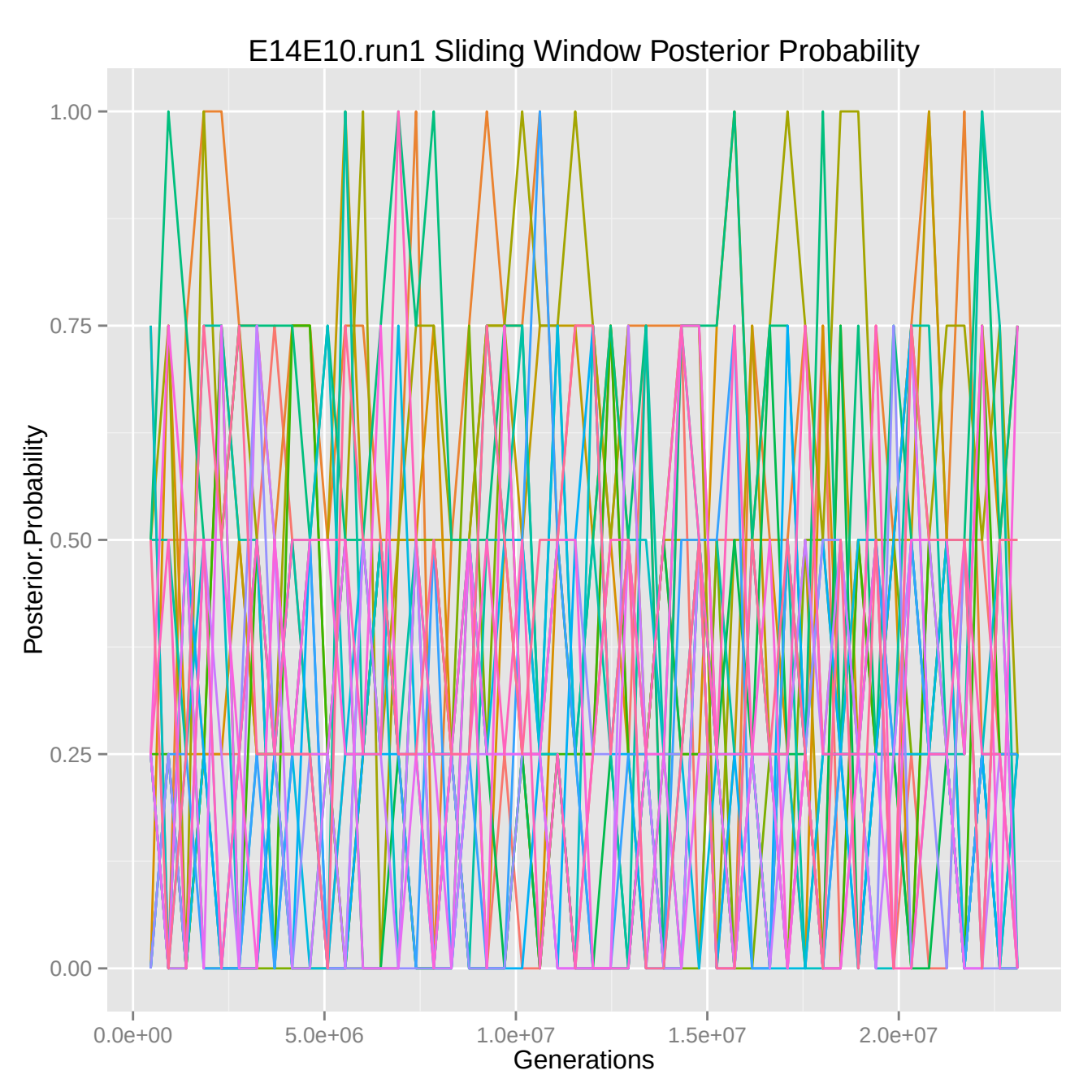

CD163L1.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

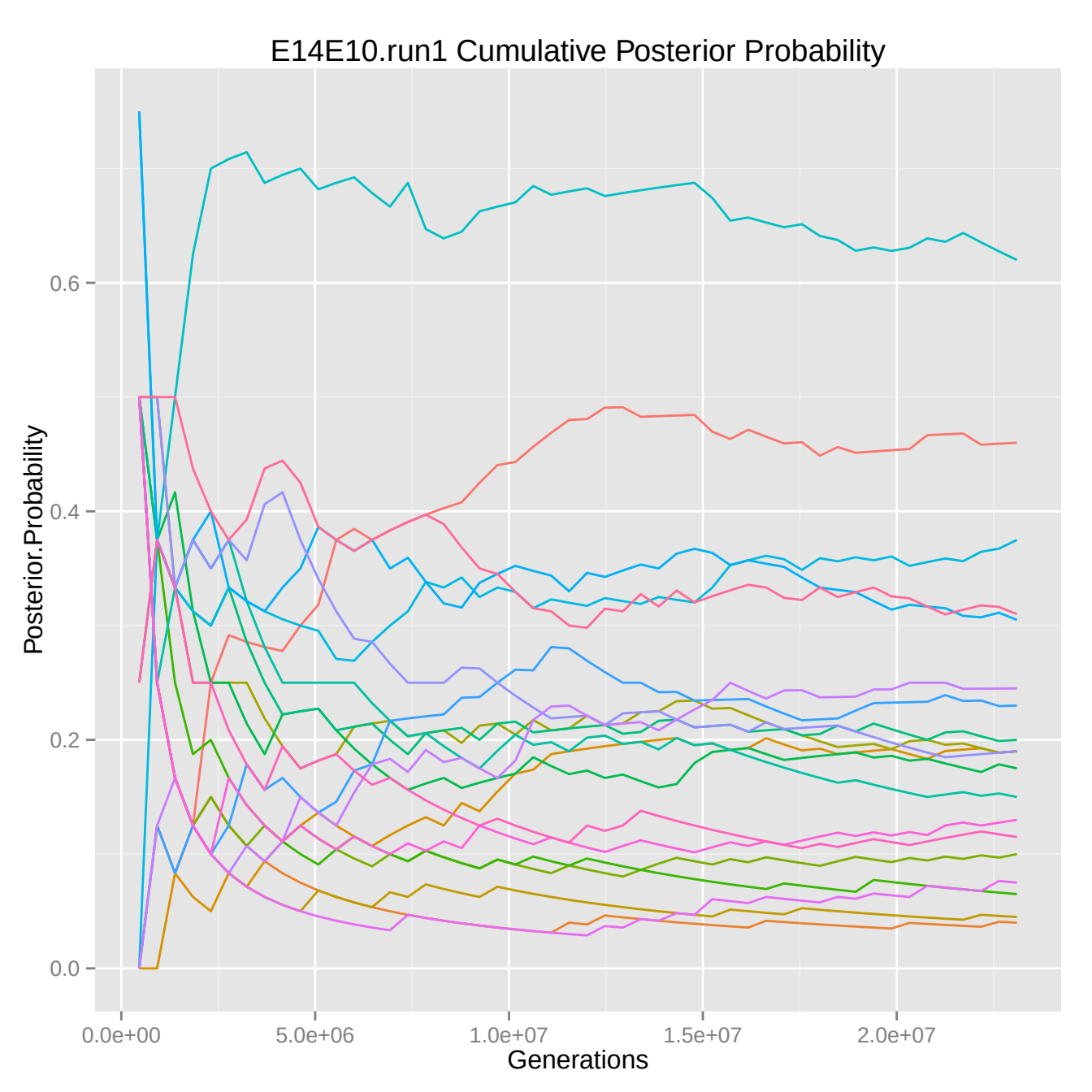

CD163L1.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

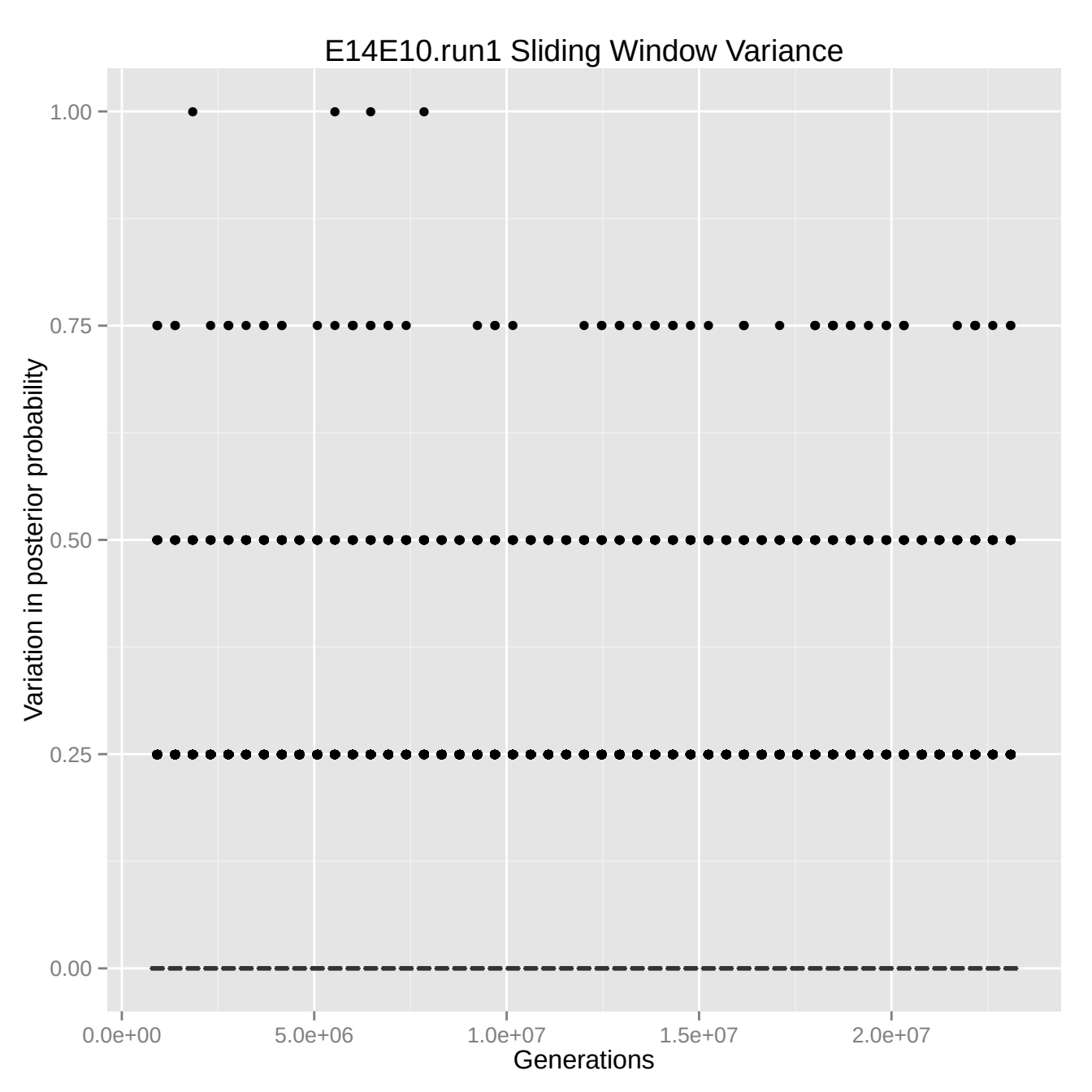

CD163L1.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

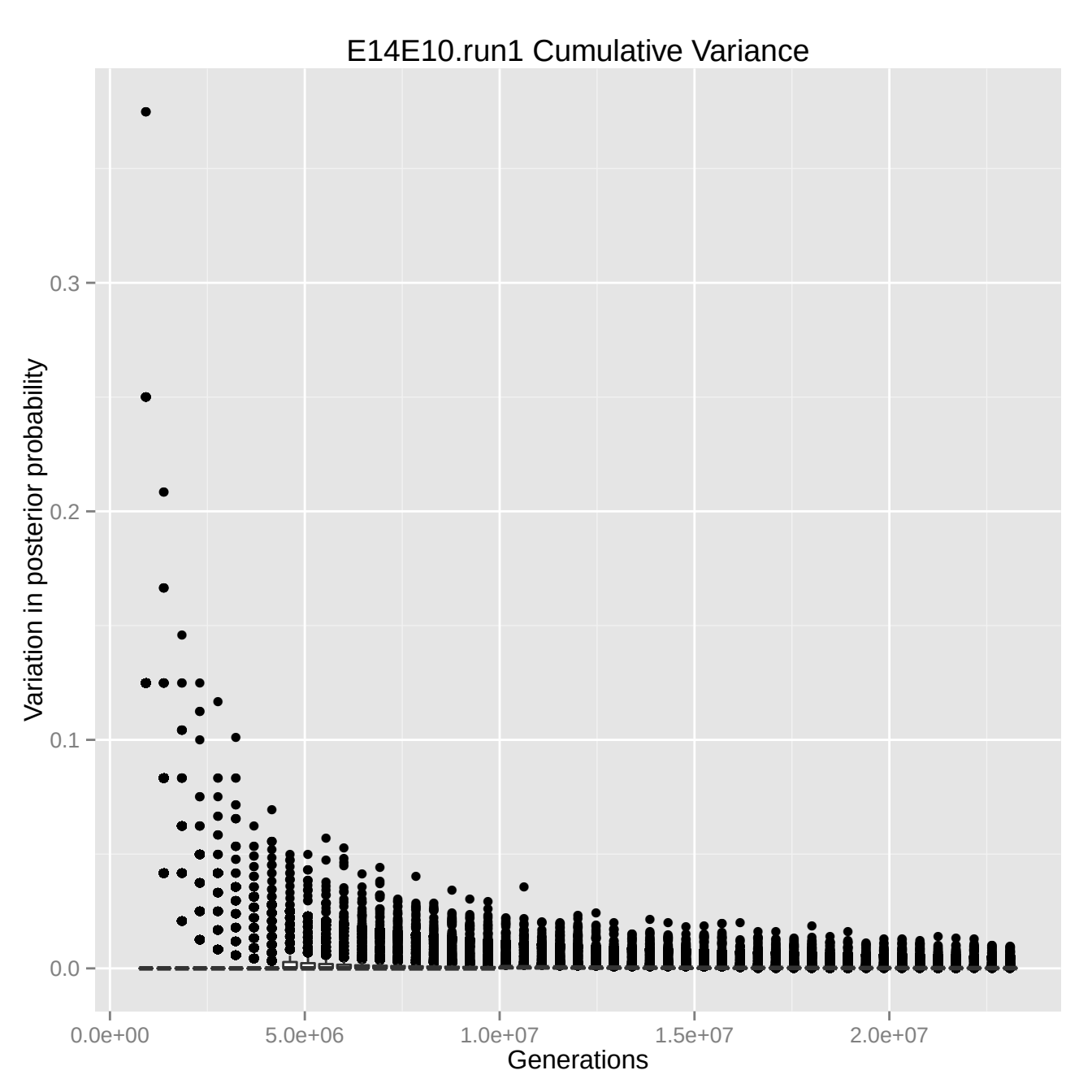

CD163L1.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

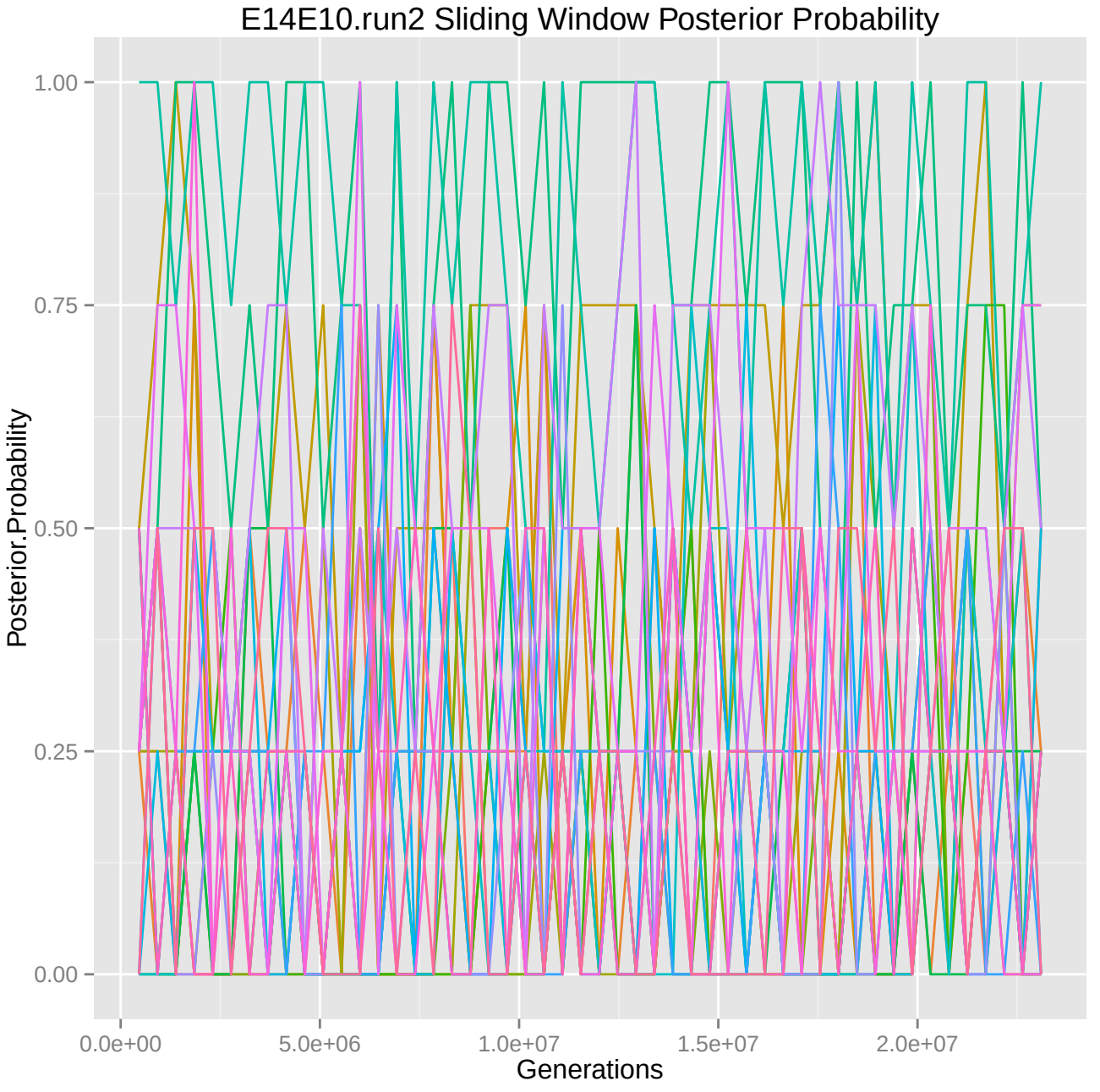

CD163L1.run2 Cumulative Variance
Variation in posterior probability
0.25
0.20
0.15
0.10
0.05
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

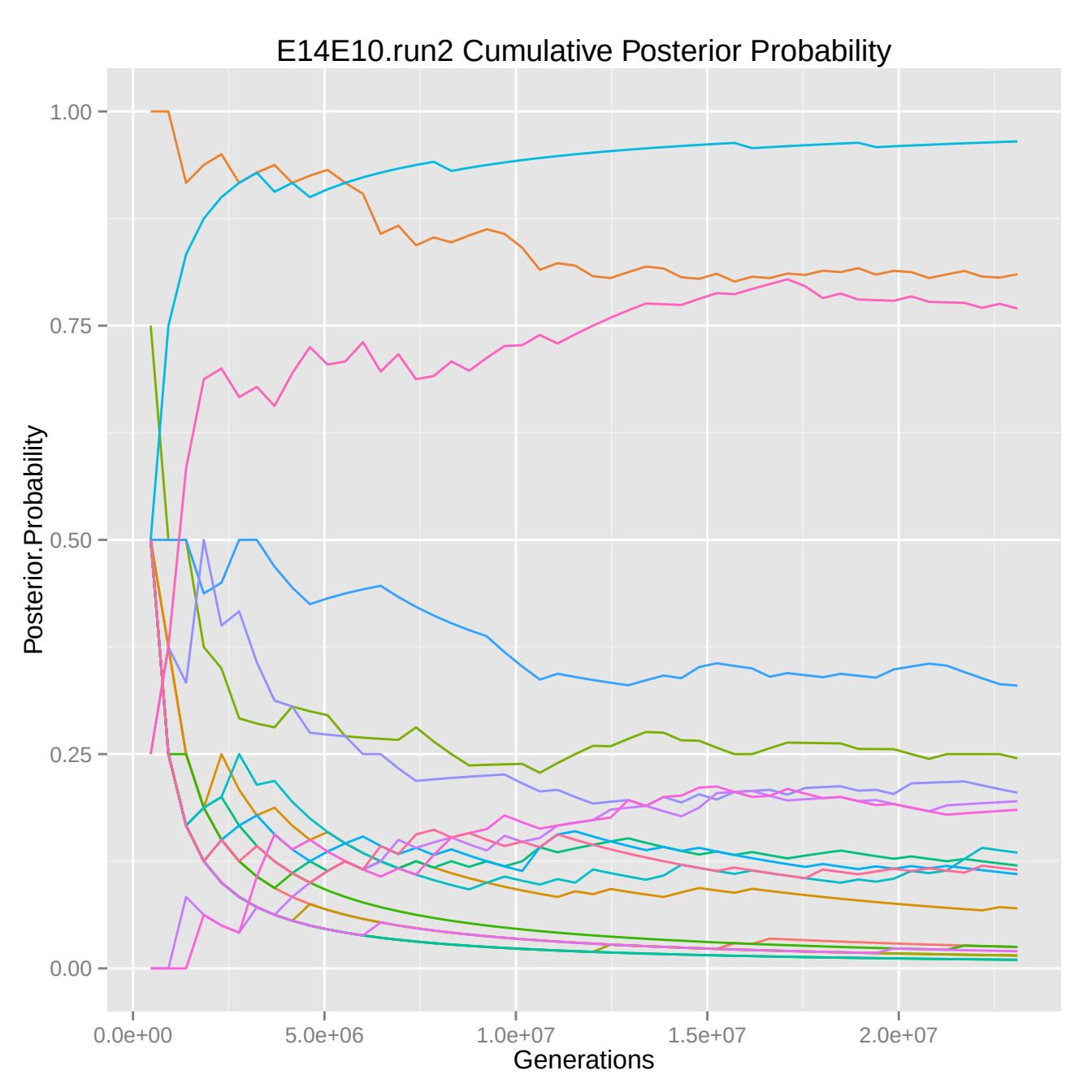

E14E10.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

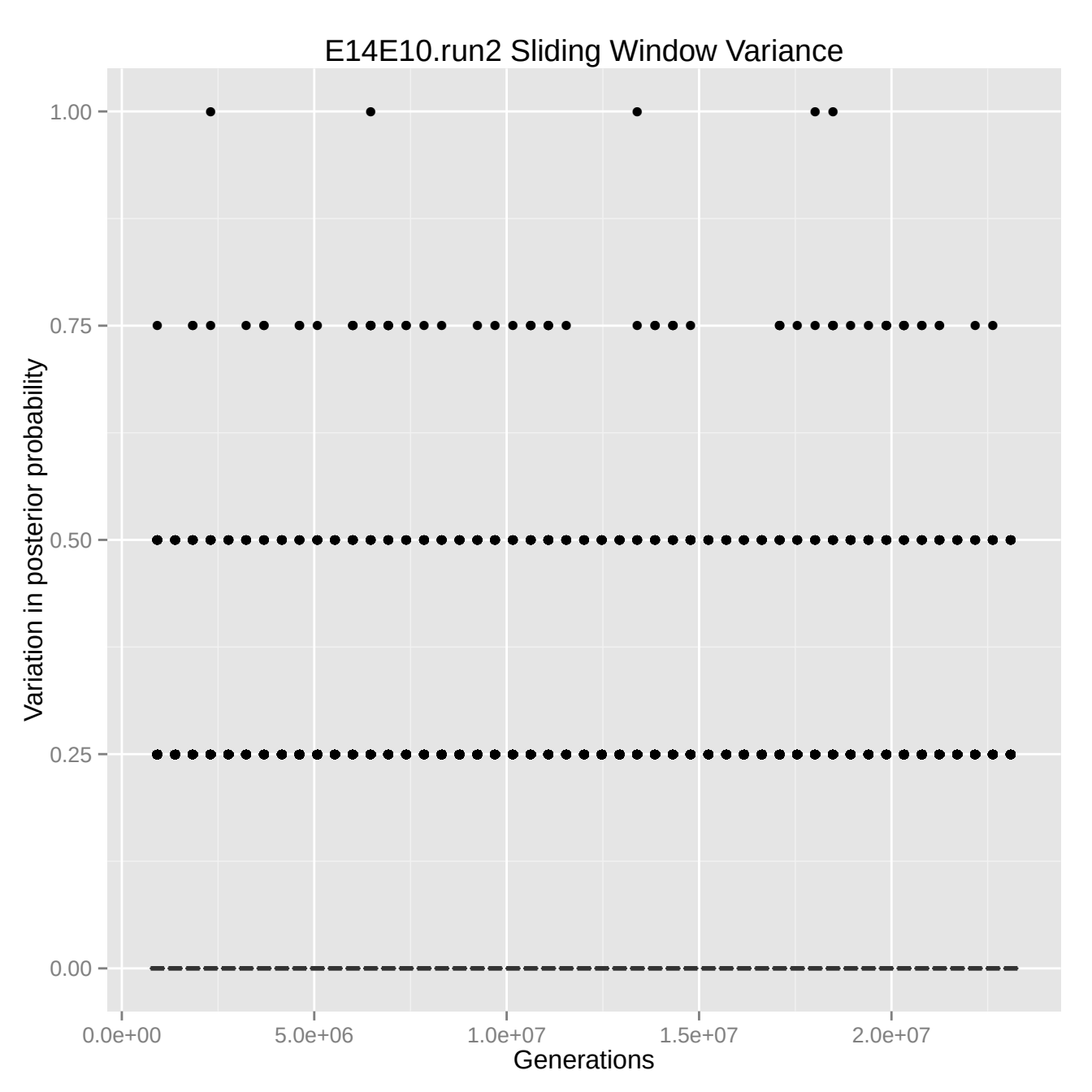

E14E10.run1 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

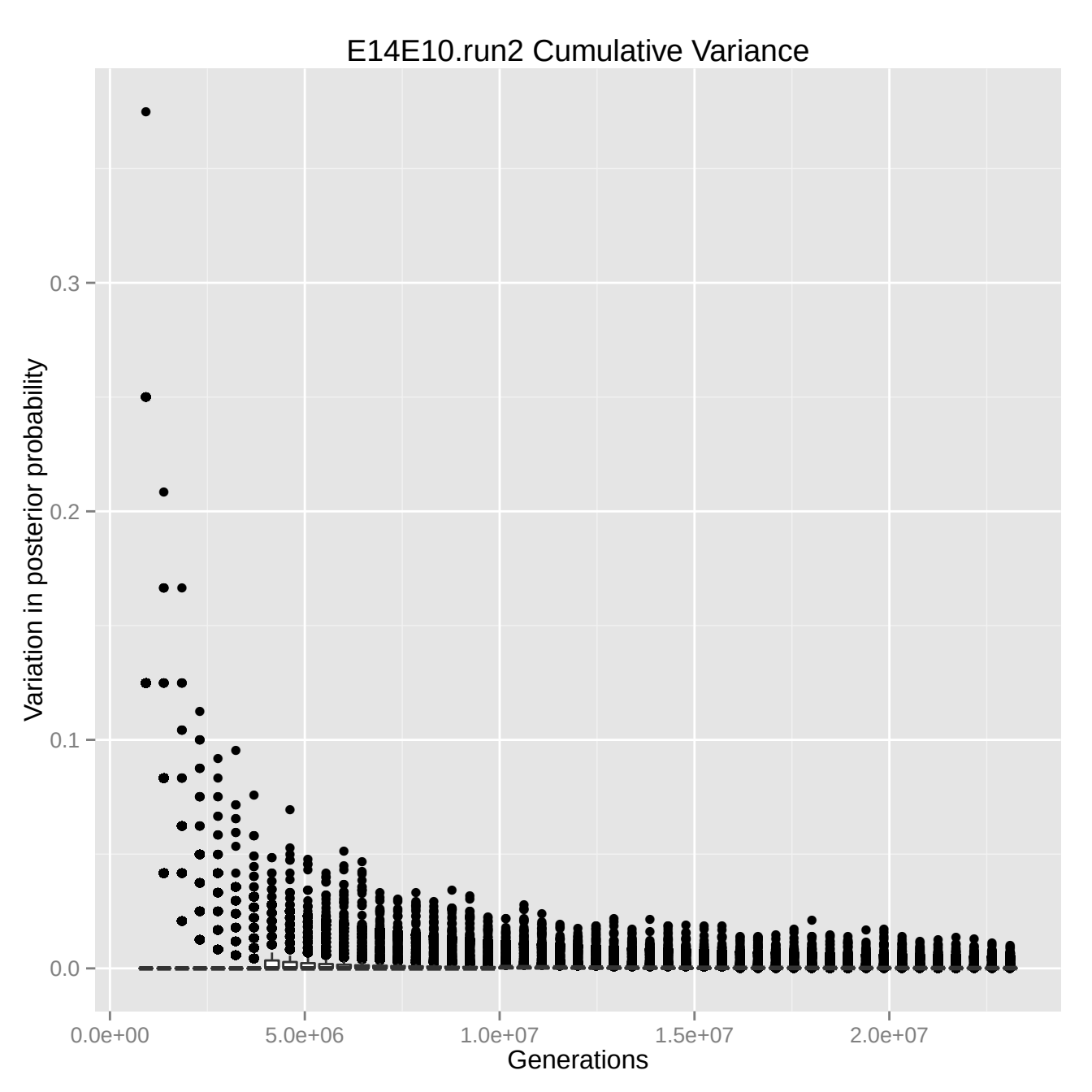

E14E10.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

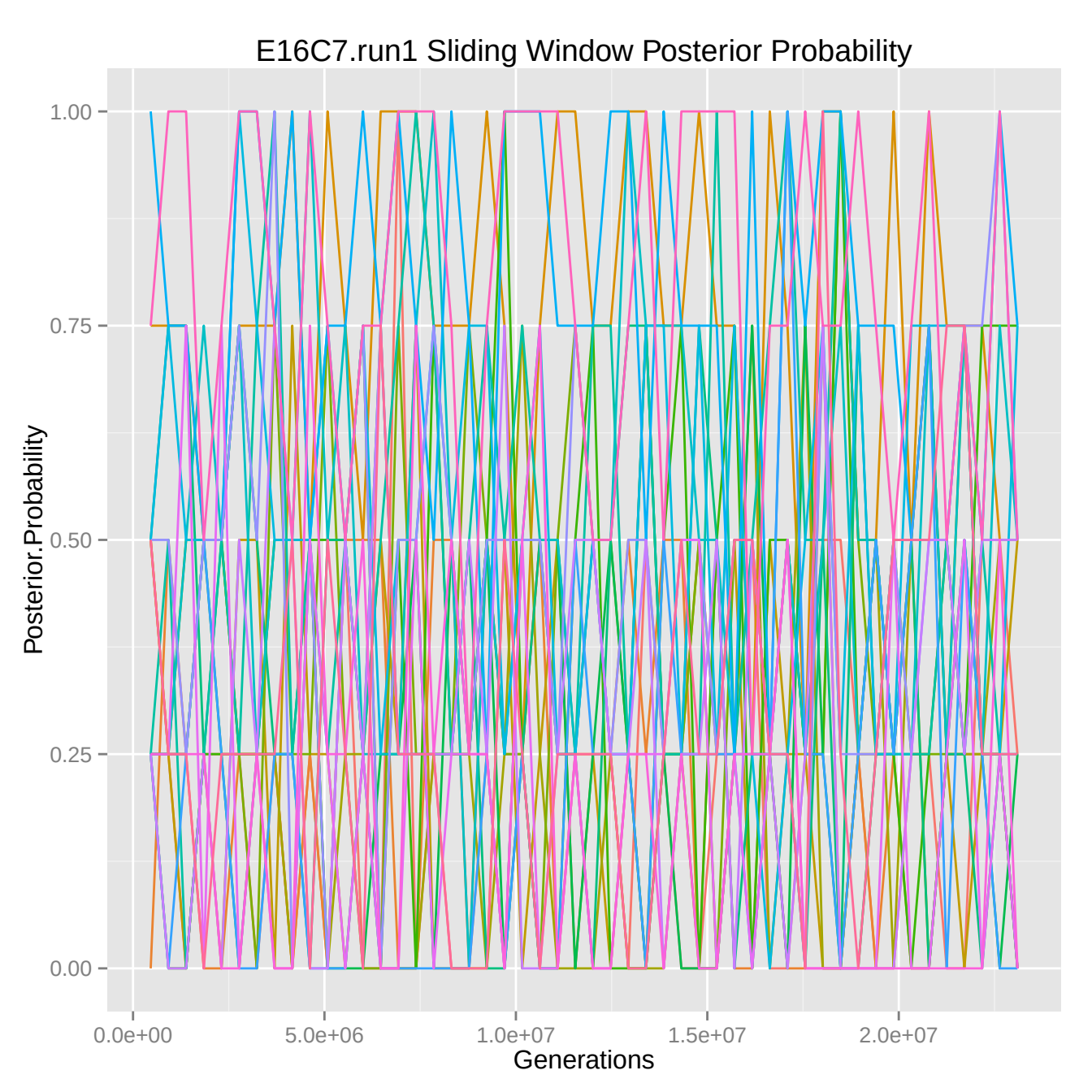

E14E10.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

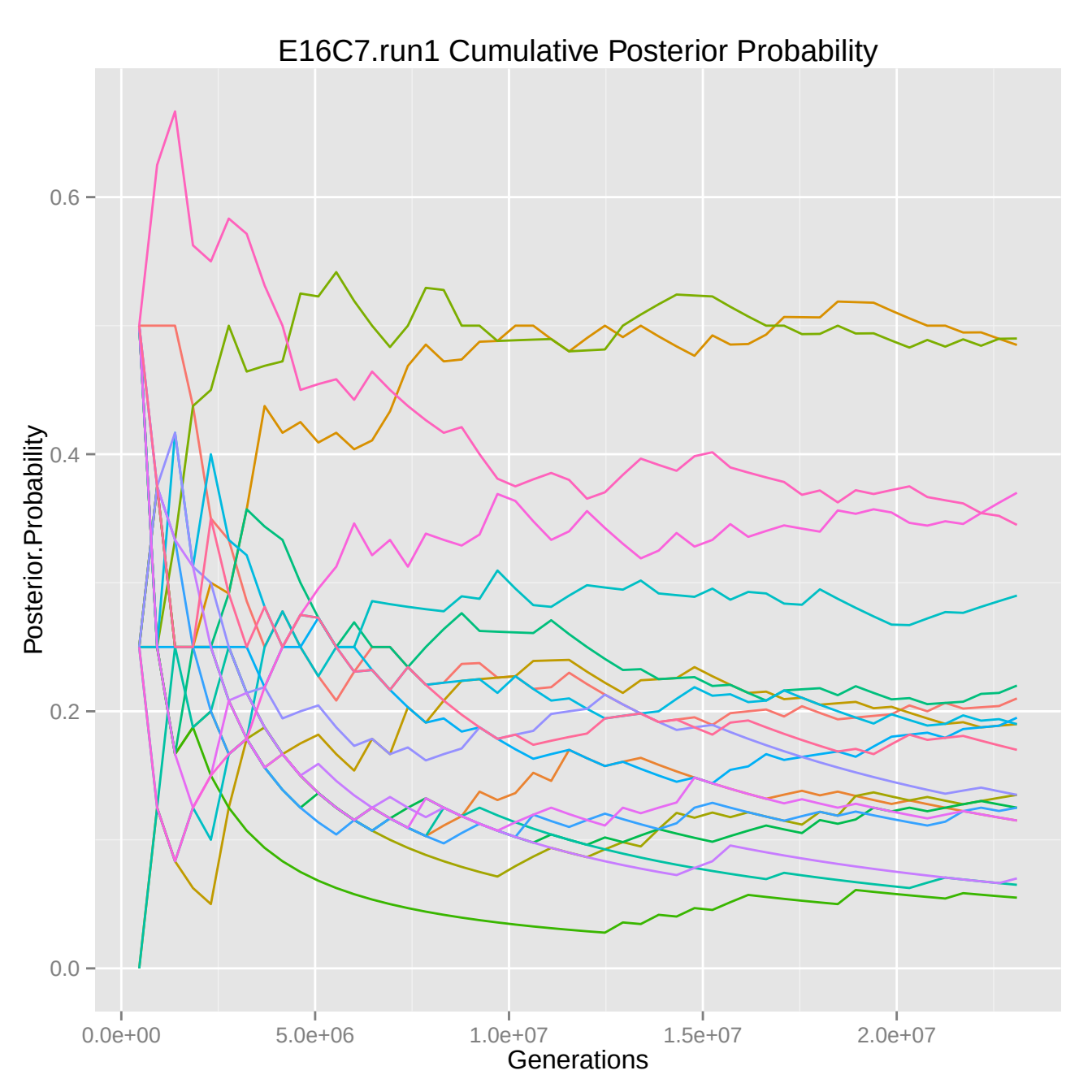

E14E10.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

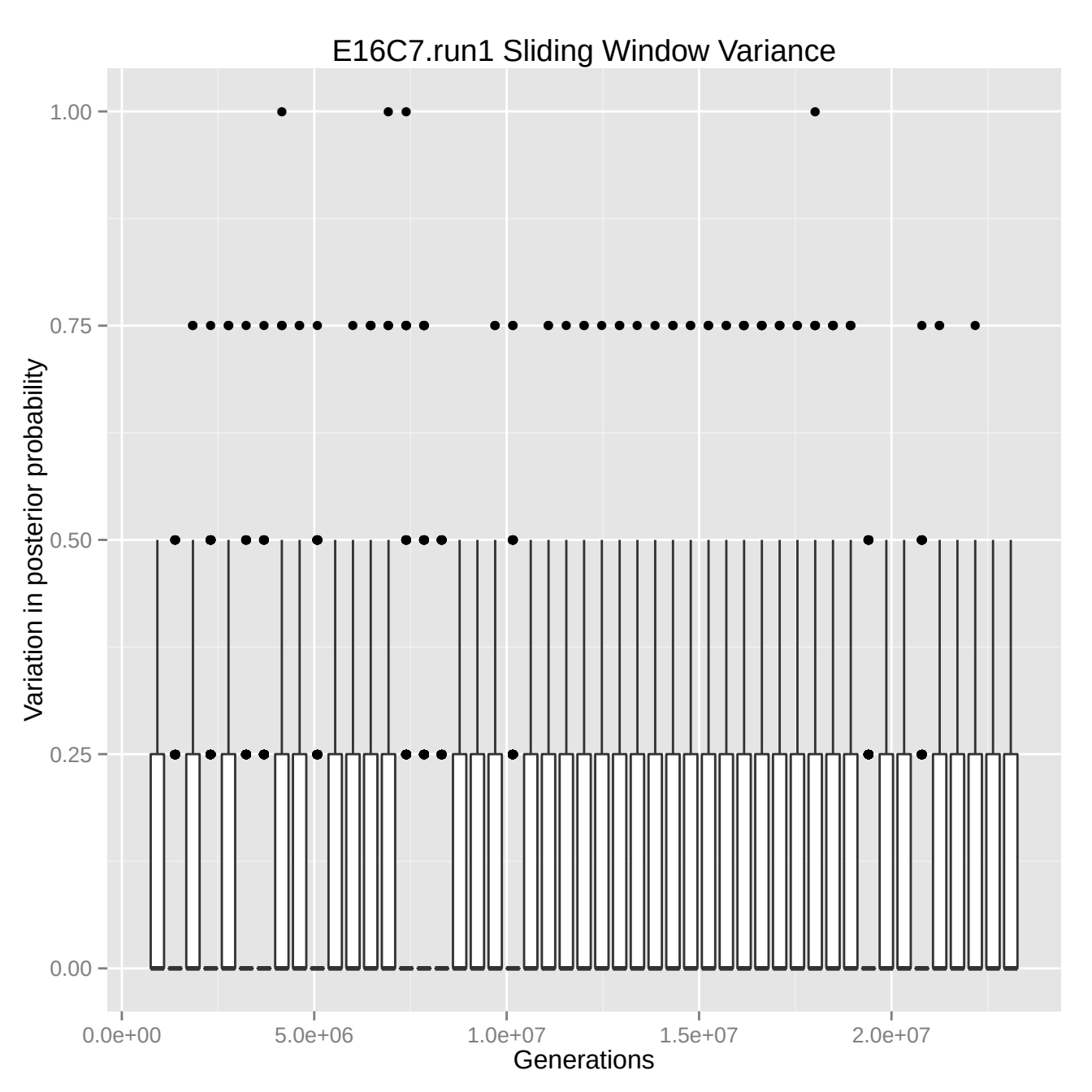

E14E10.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

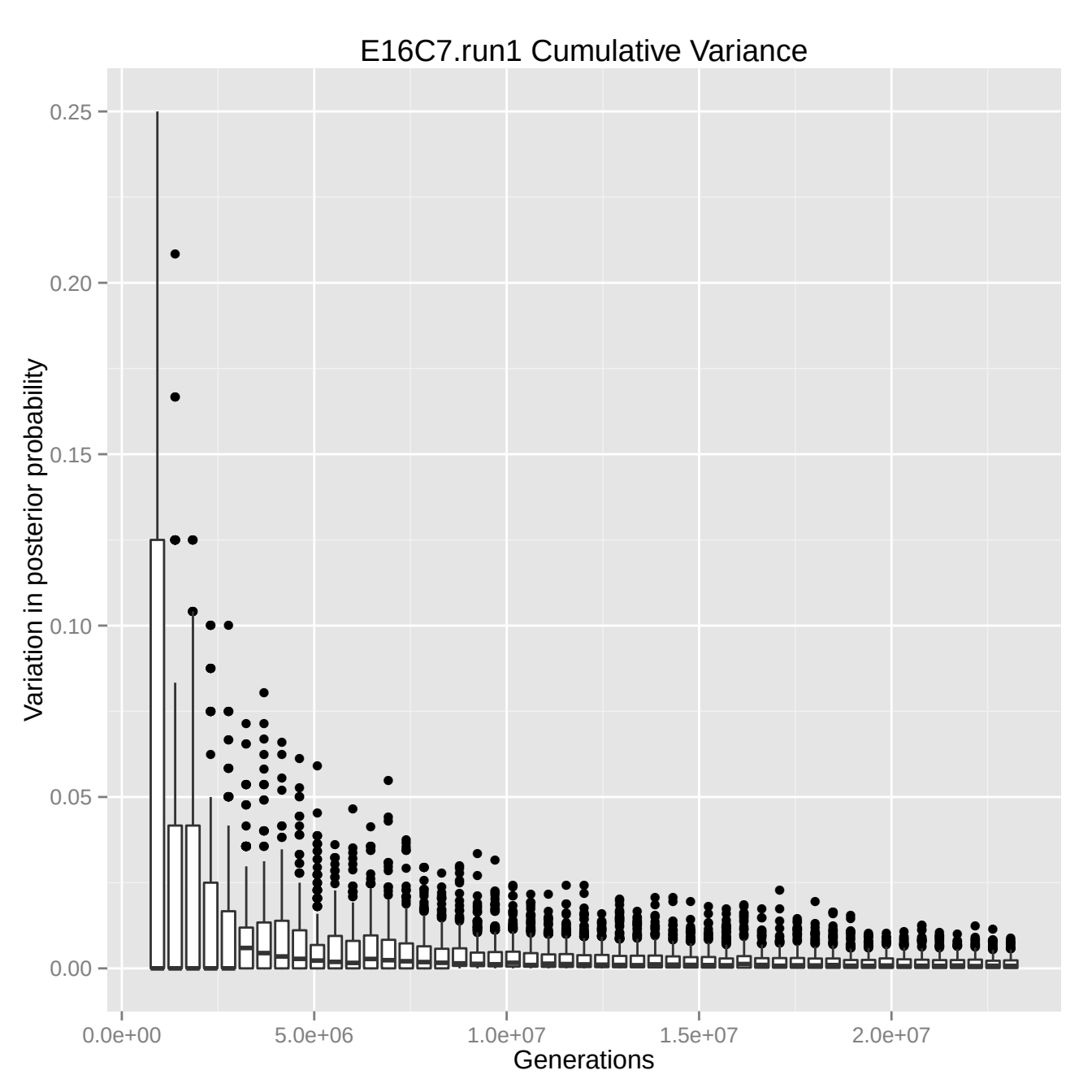

E14E10.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

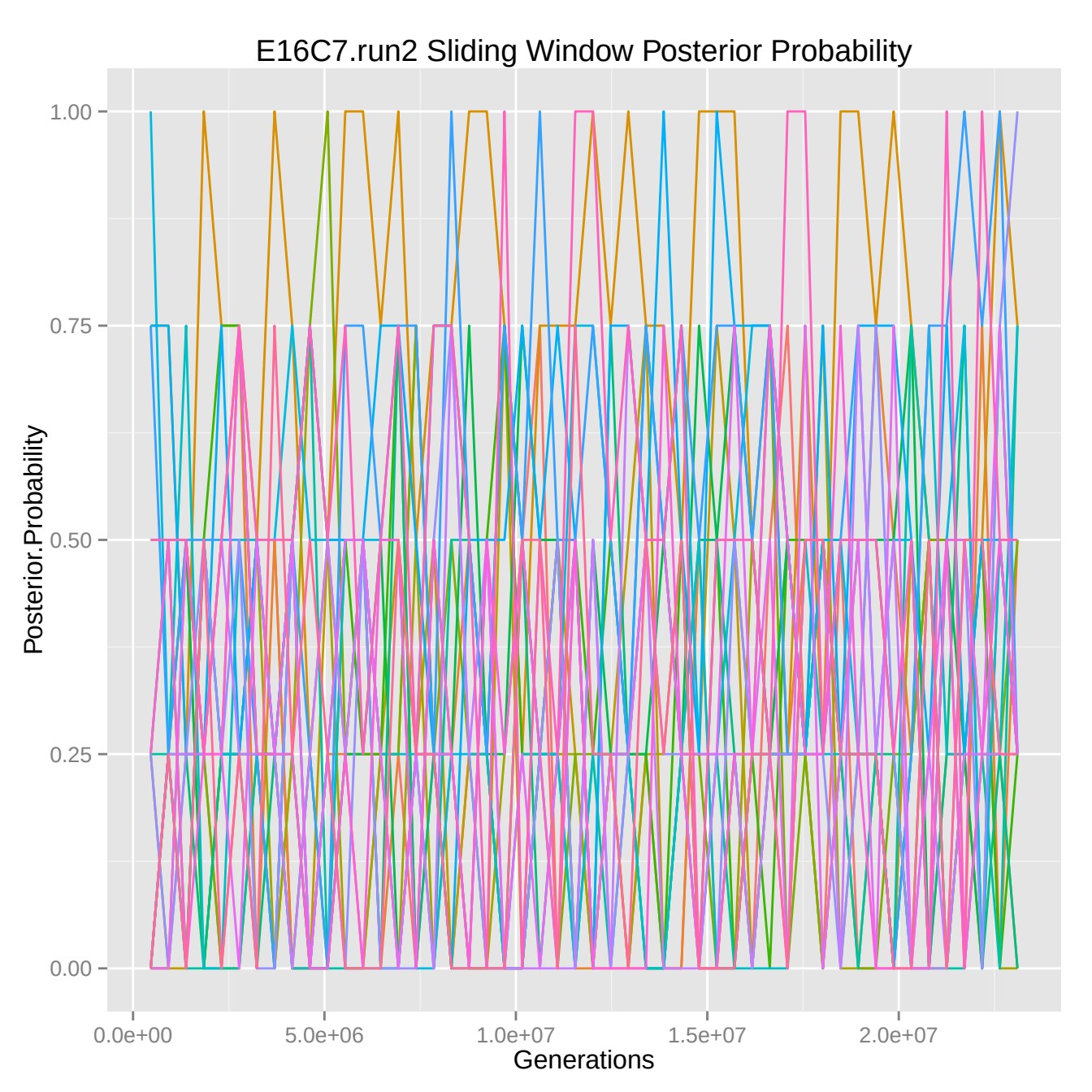

E14E10.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

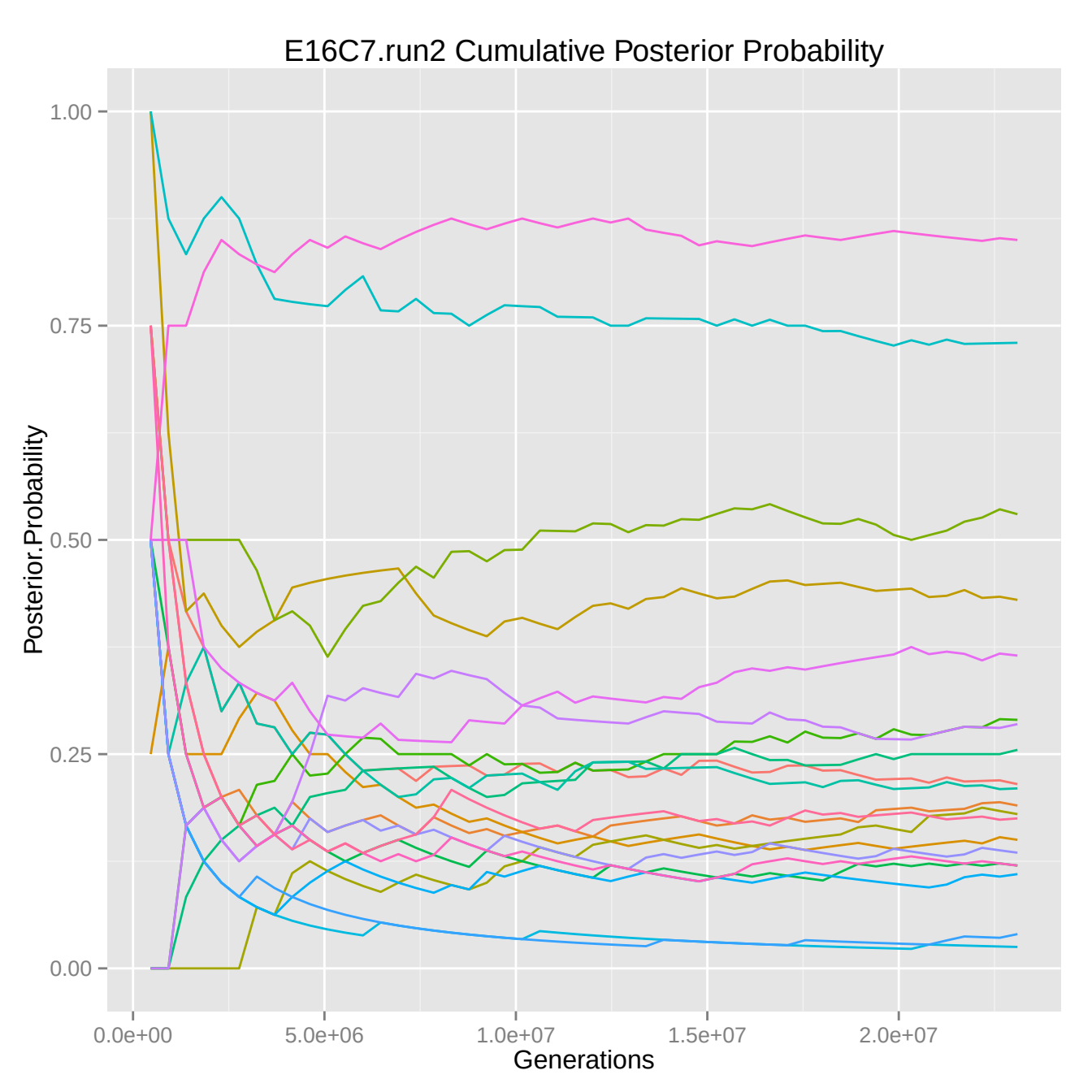

E16C7.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

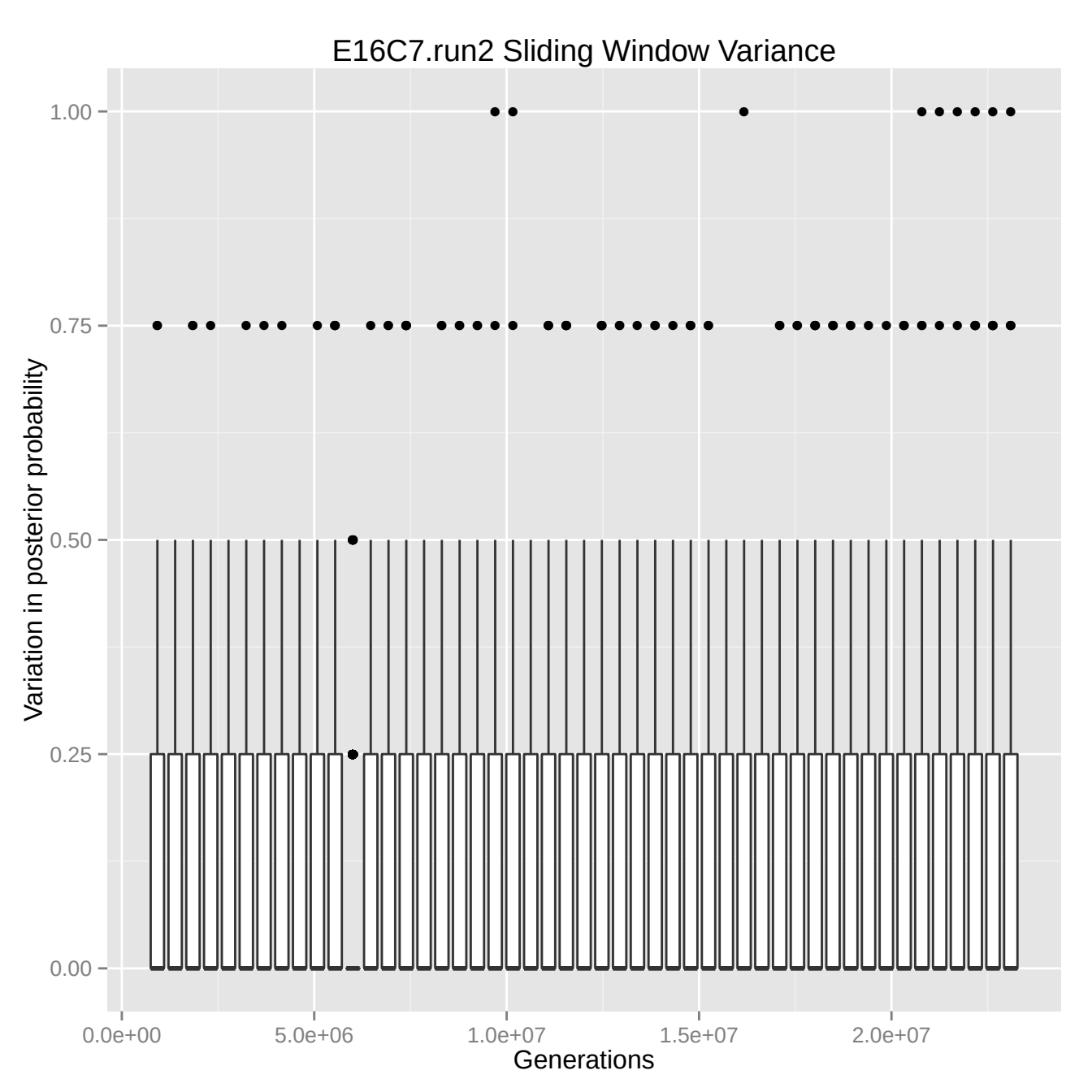

E16C7.run1 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

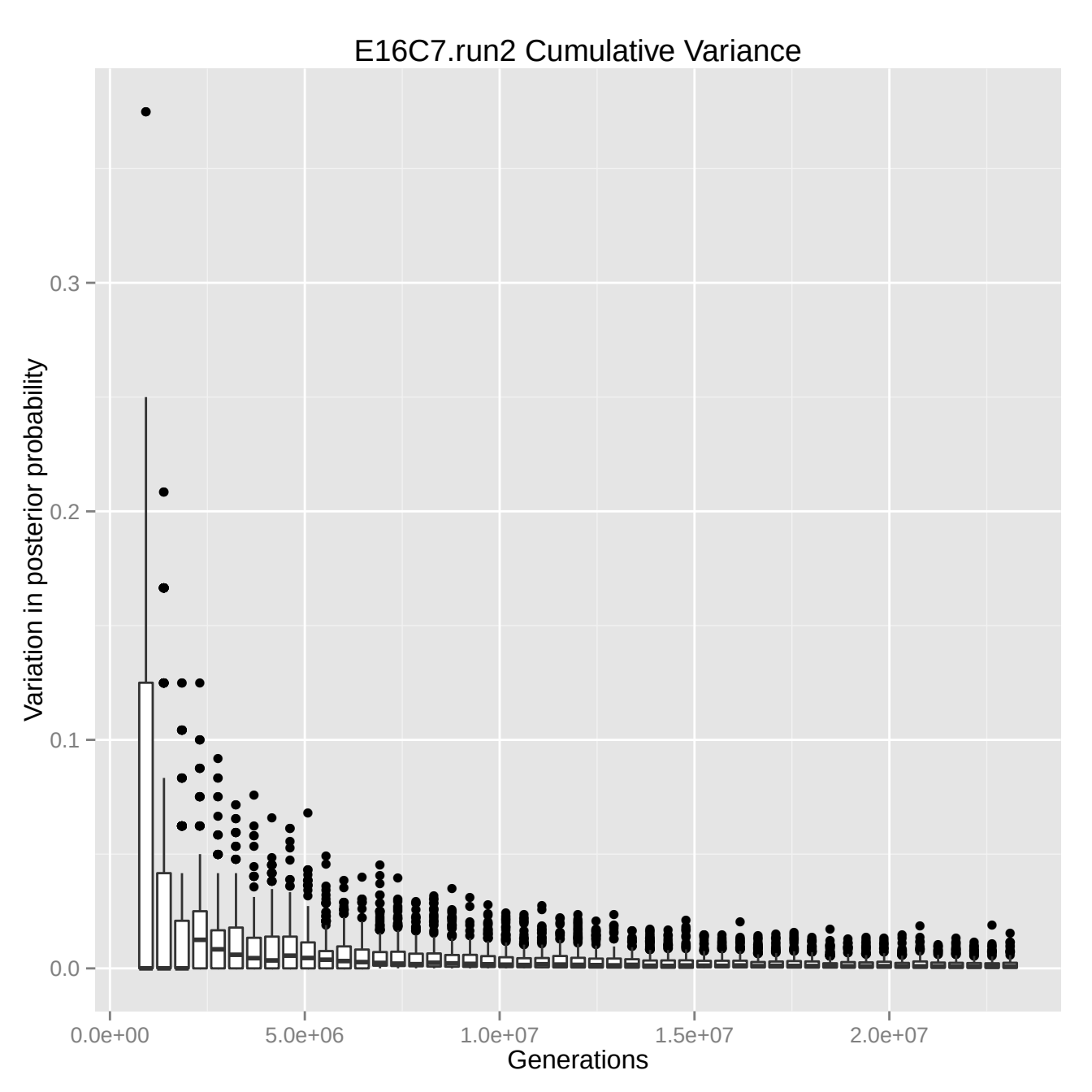

E16C7.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

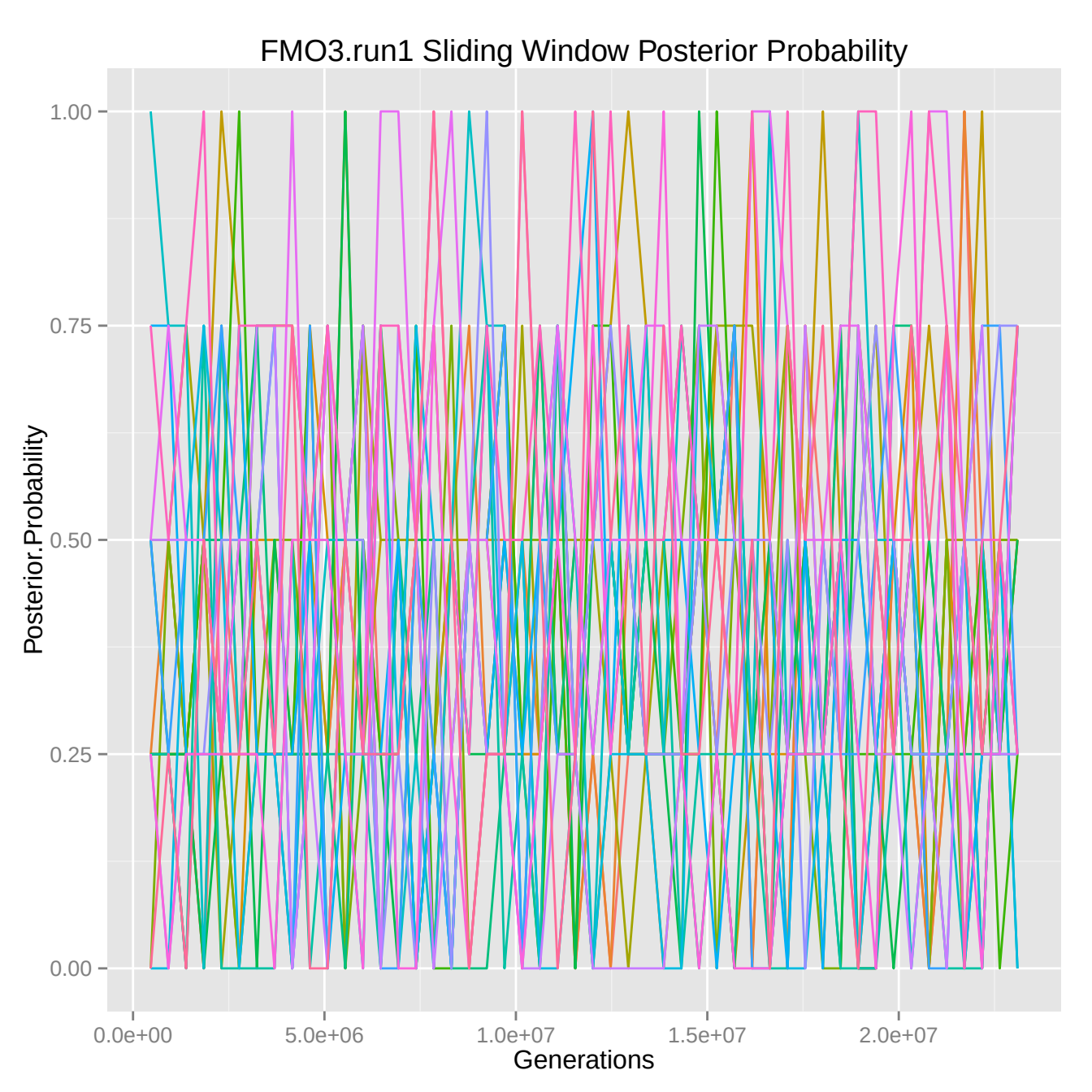

E16C7.run1 Cumulative Variance
Variation in posterior probability
0.25
0.20
0.15
0.10
0.05
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

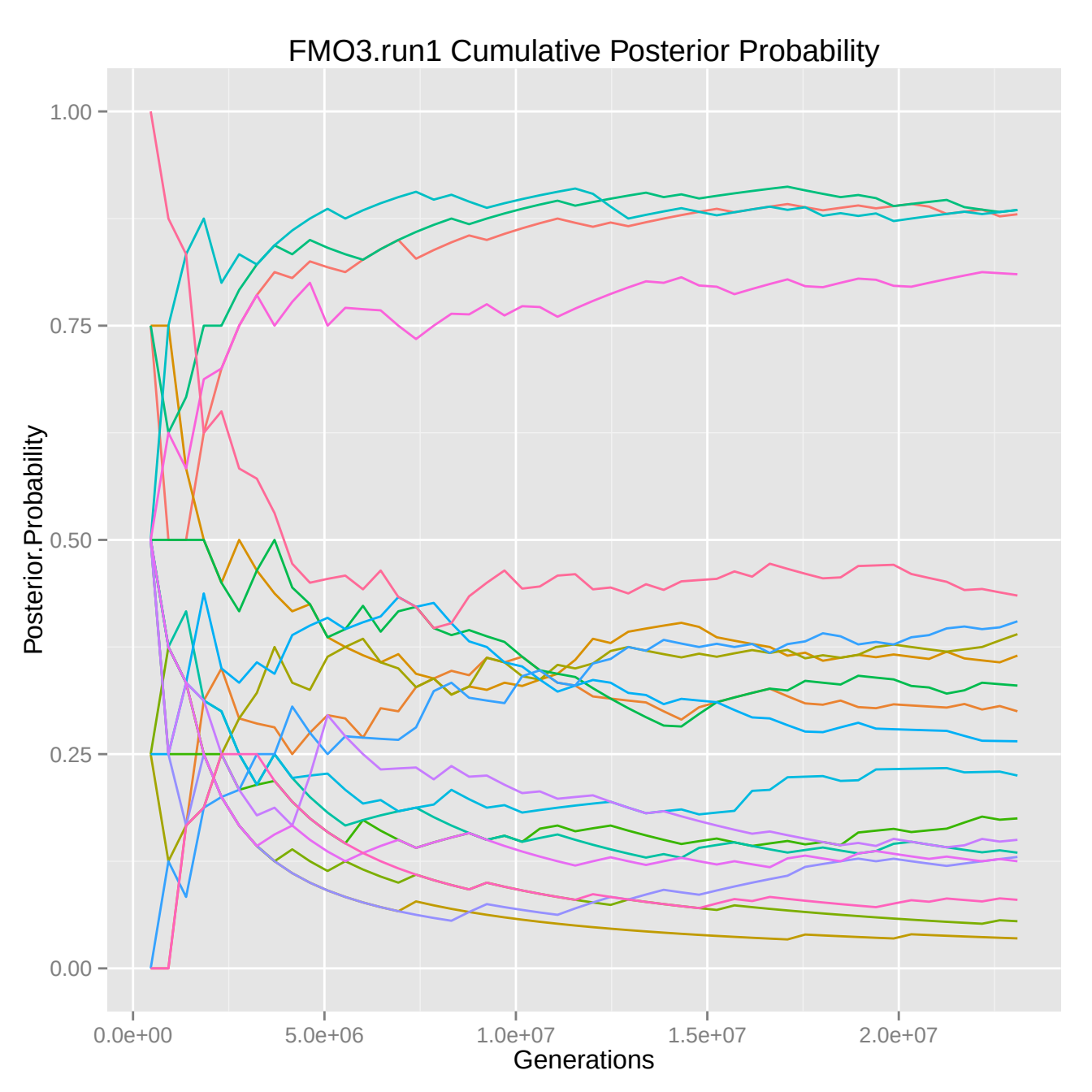

E16C7.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

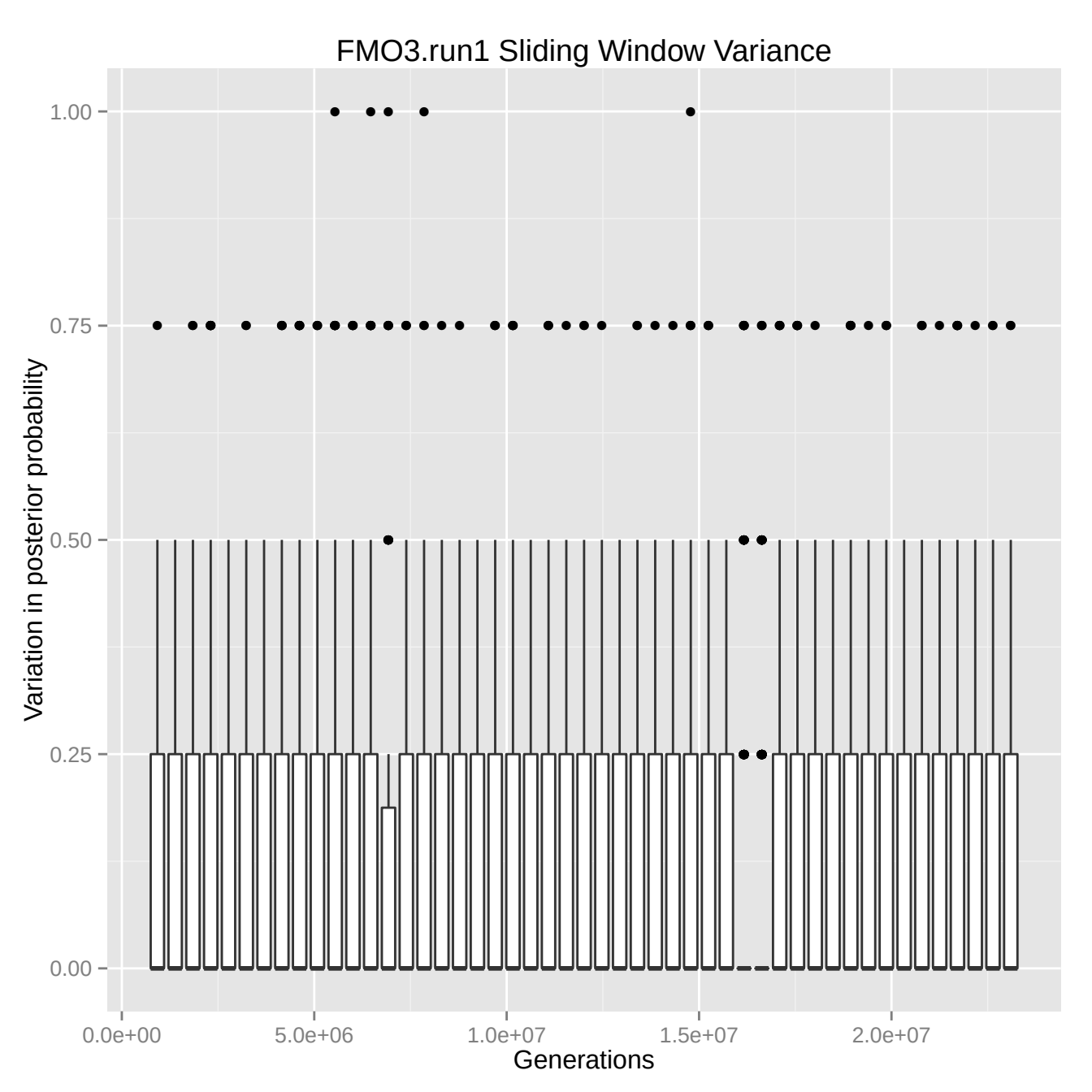

E16C7.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

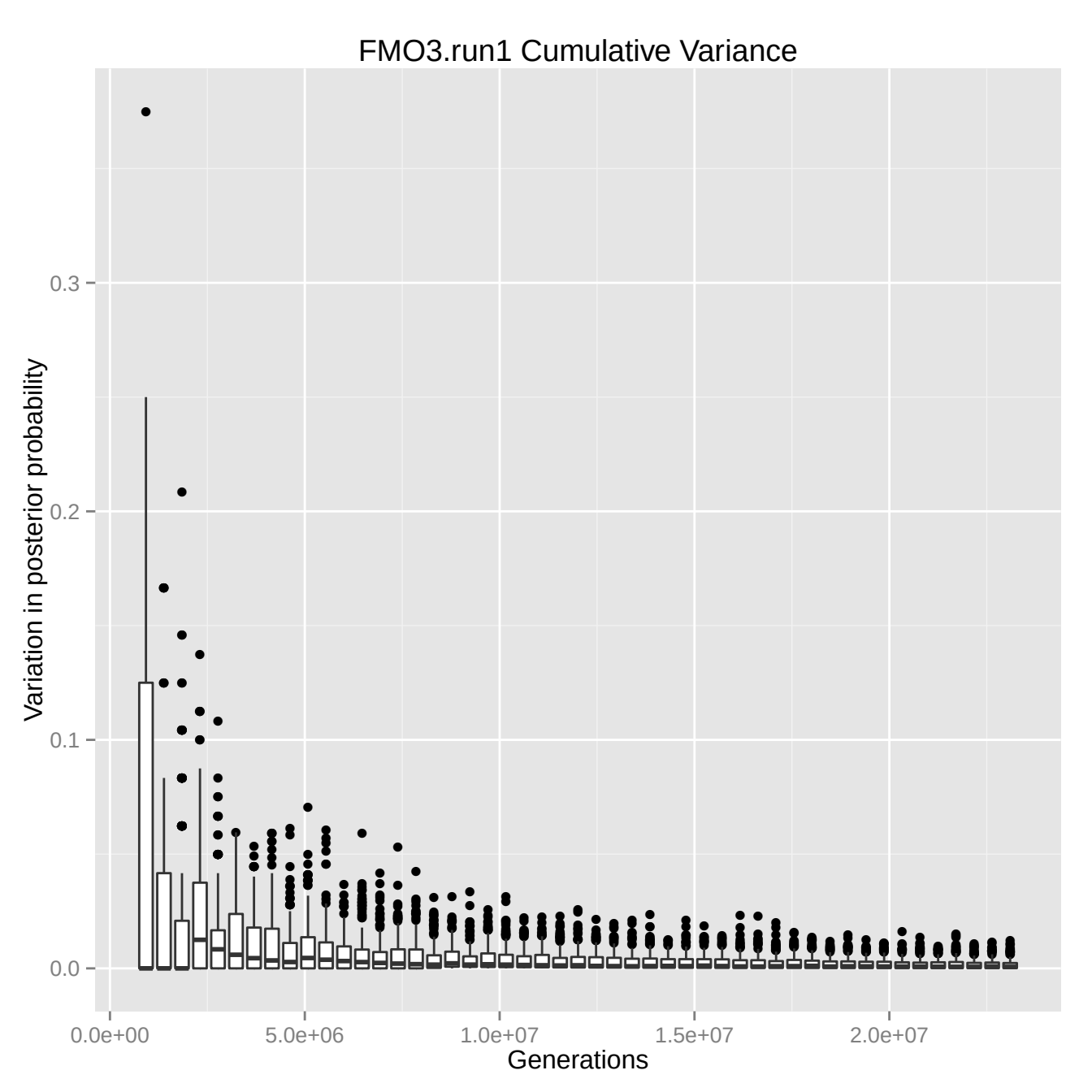

E16C7.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

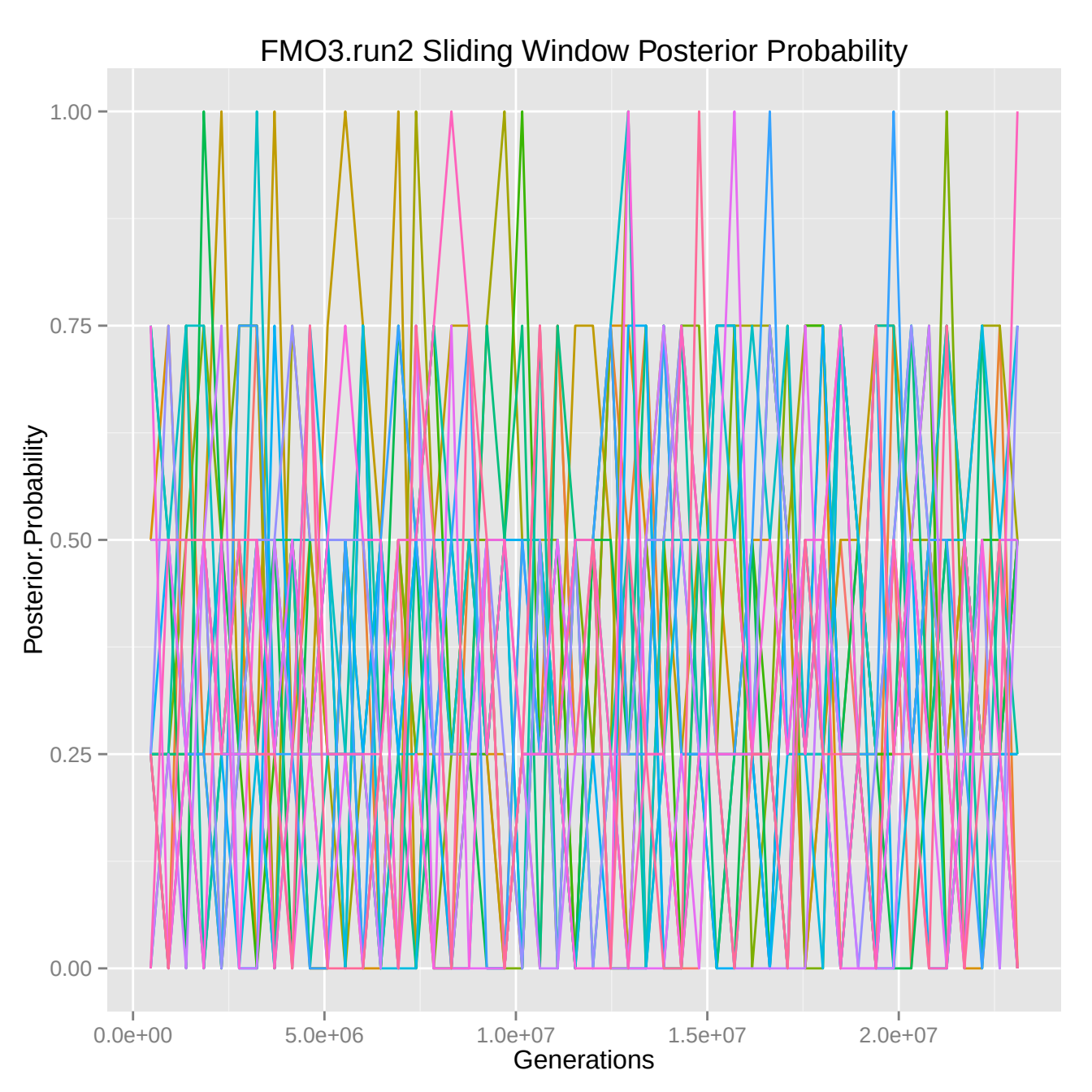

E16C7.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

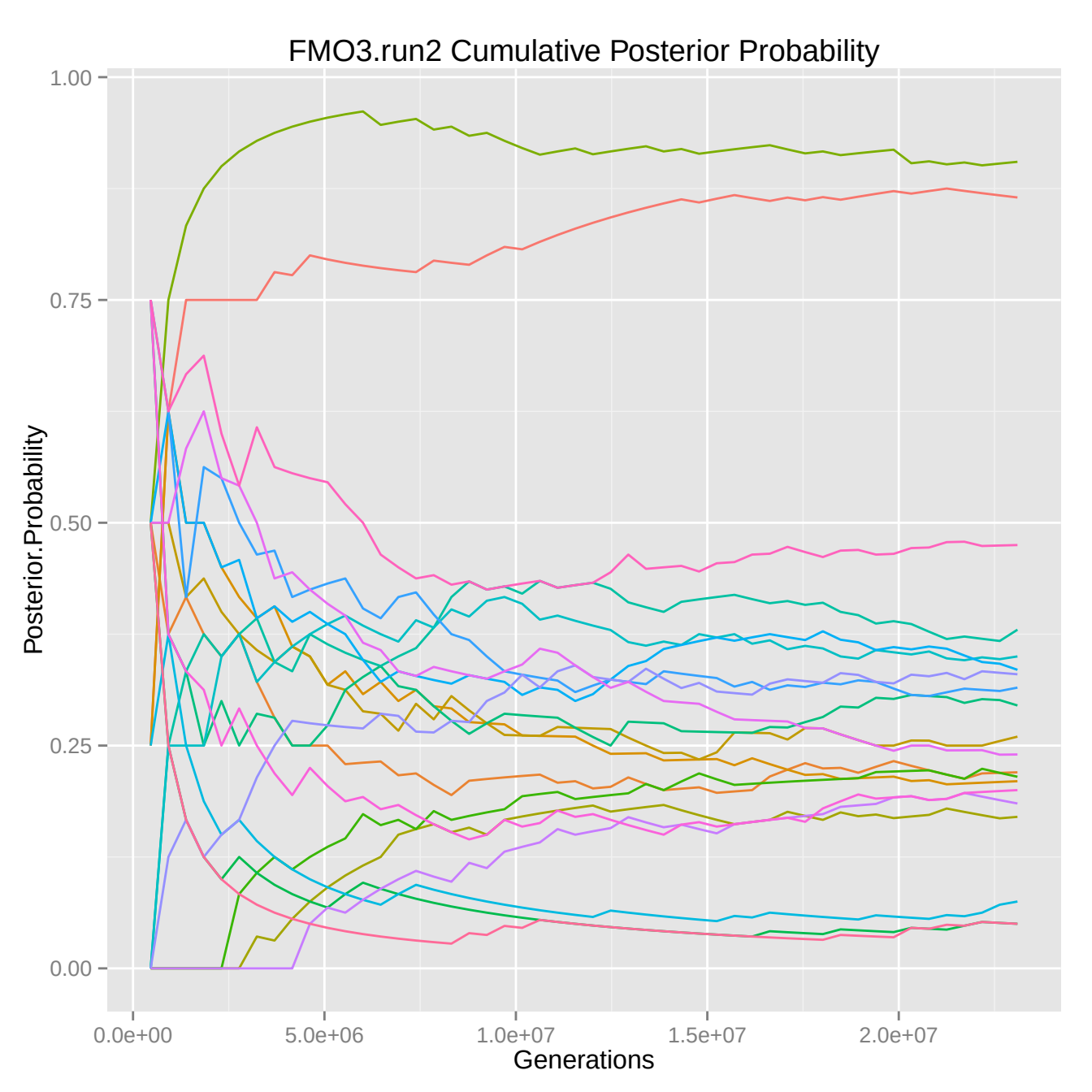

FMO3.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

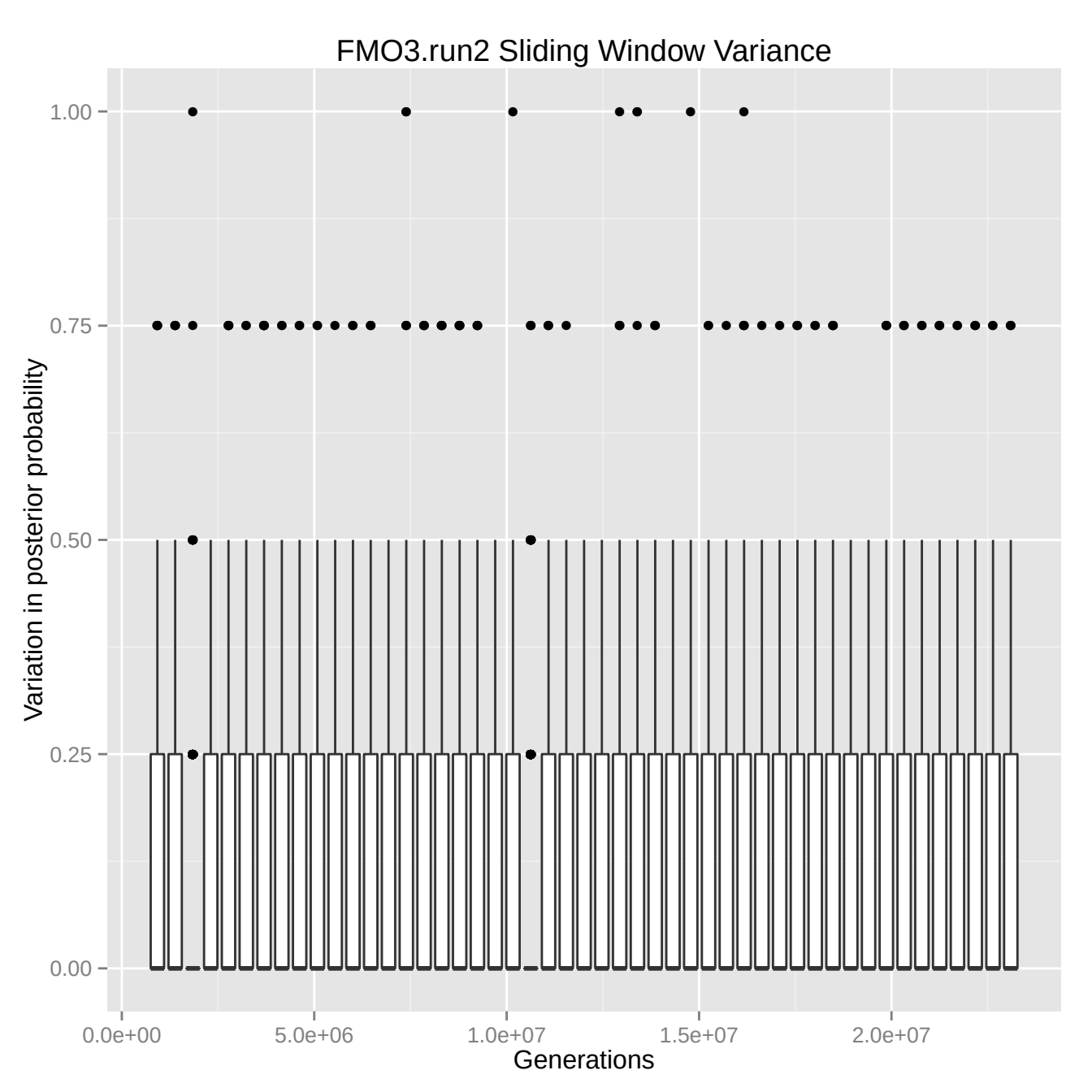

FMO3.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

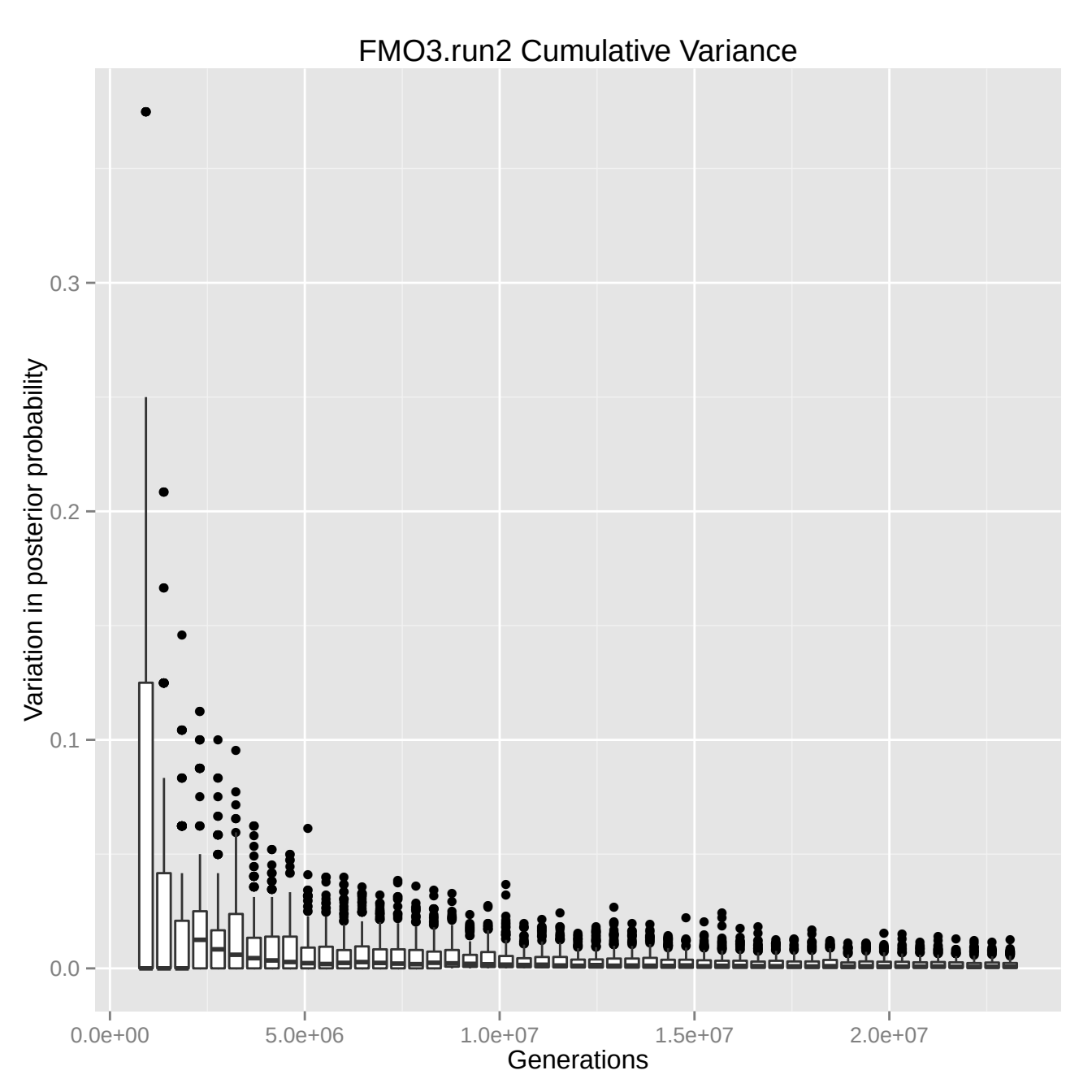

FMO3.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

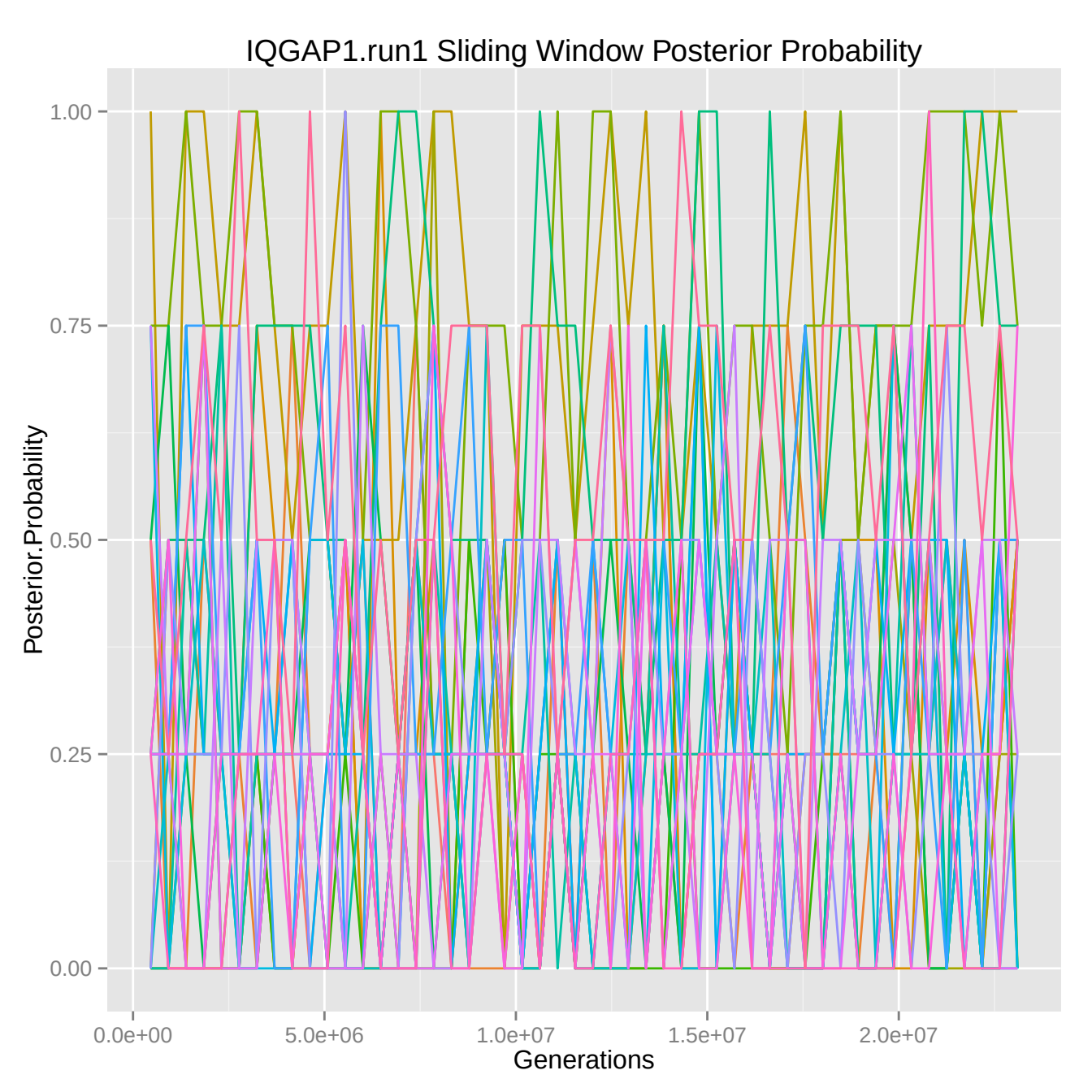

FMO3.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

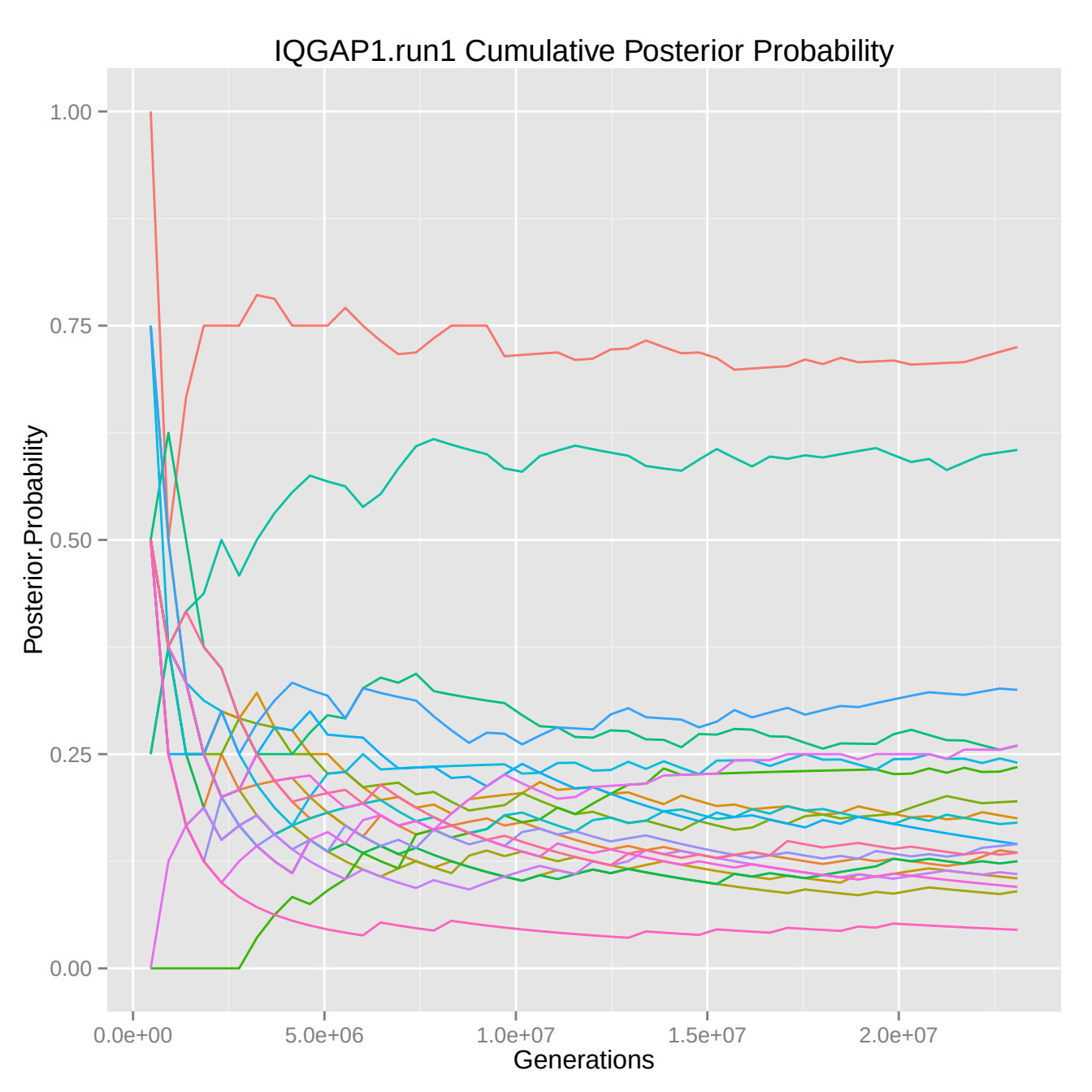

FMO3.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

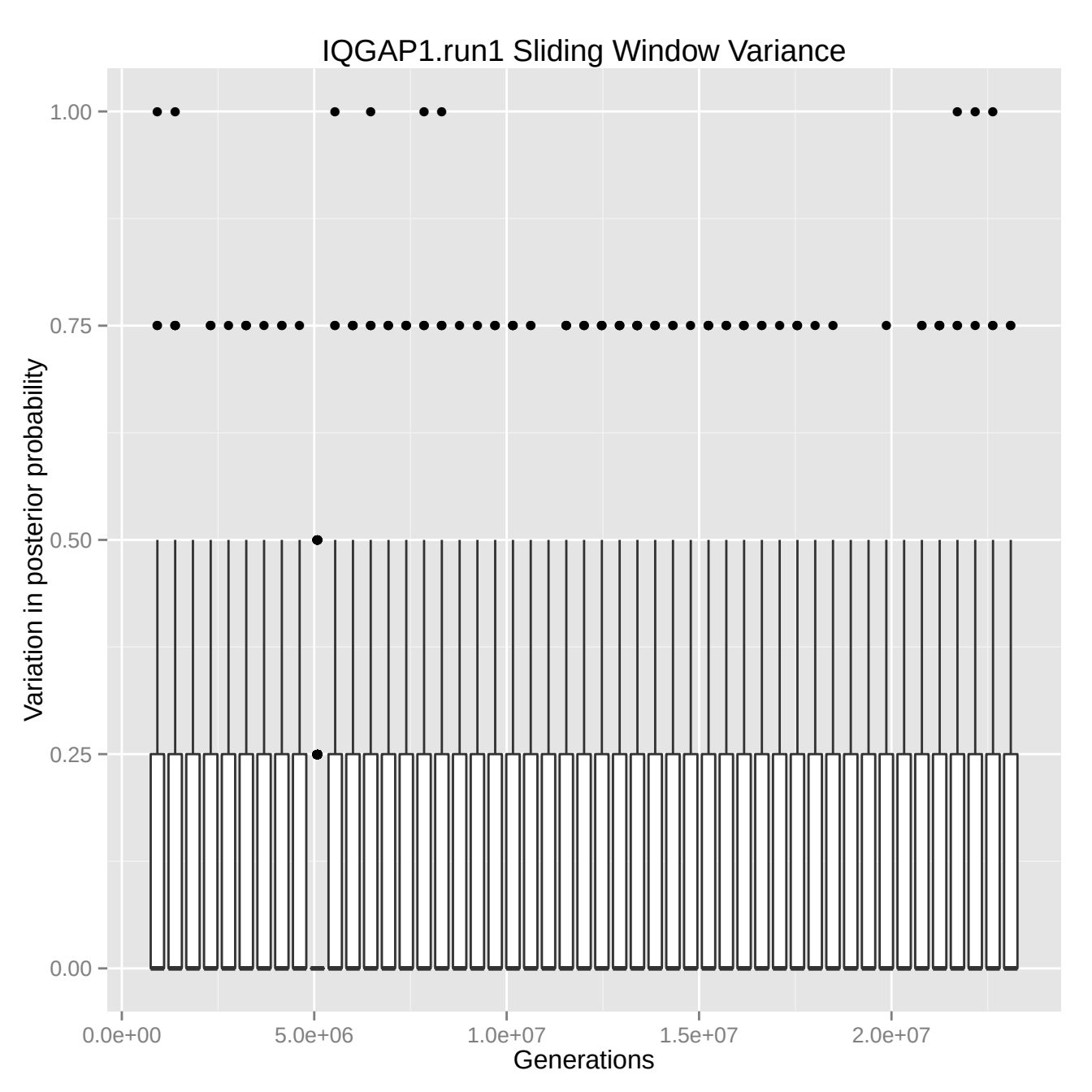

FMO3.run2 Cumulative Posterior Probability
1.00
0.75
0.50
0.25
0.00
Posterior.Probability
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

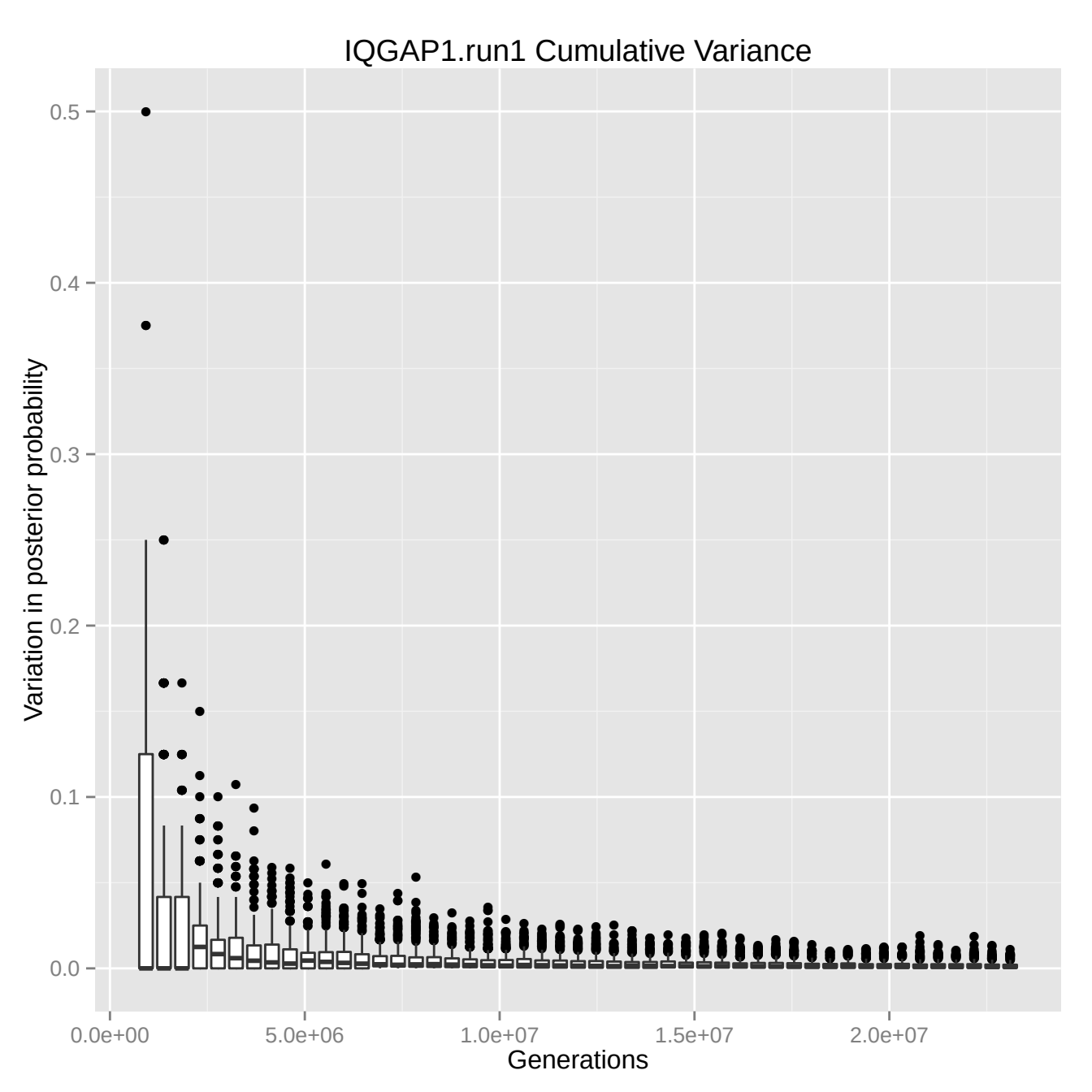

FMO3.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

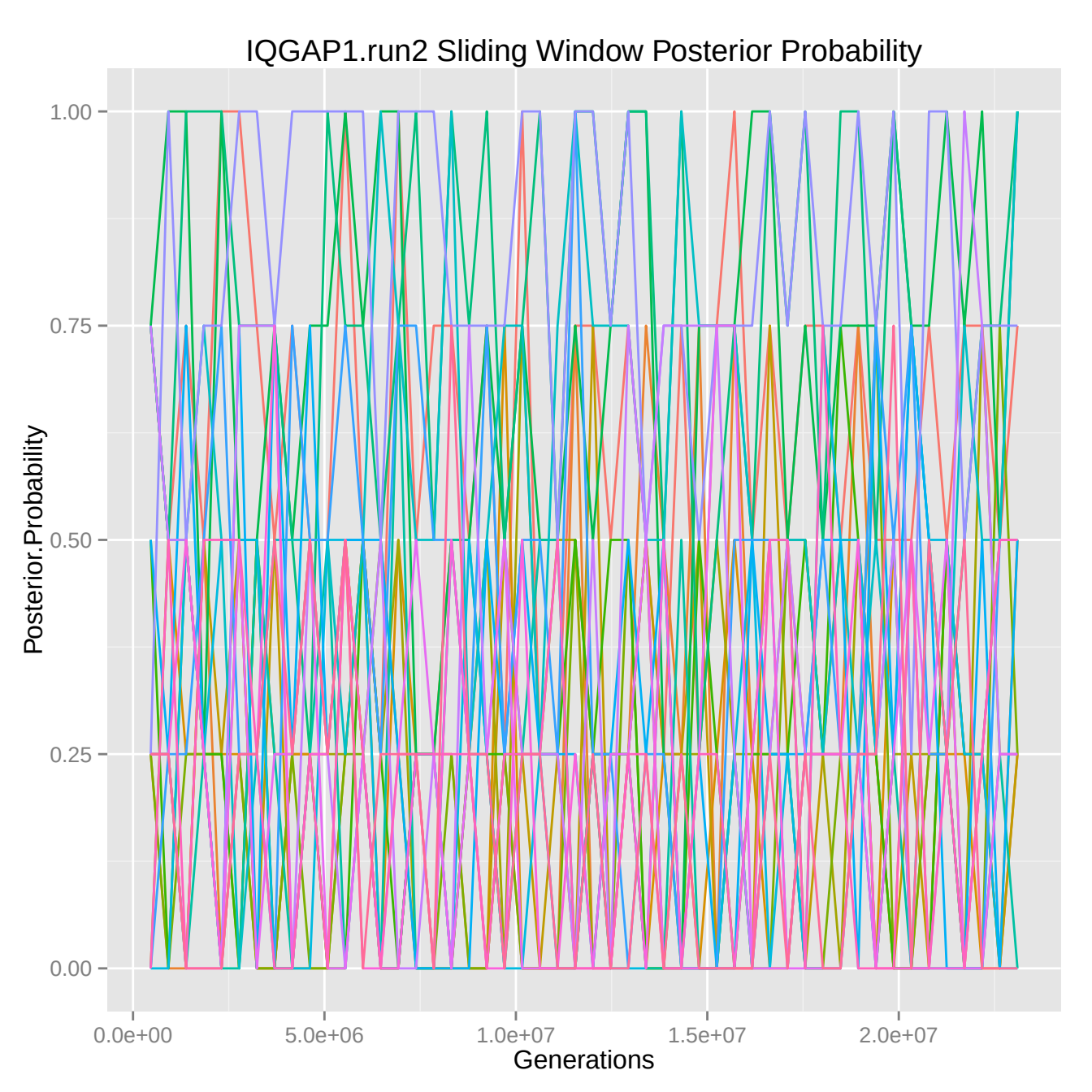

FMO3.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

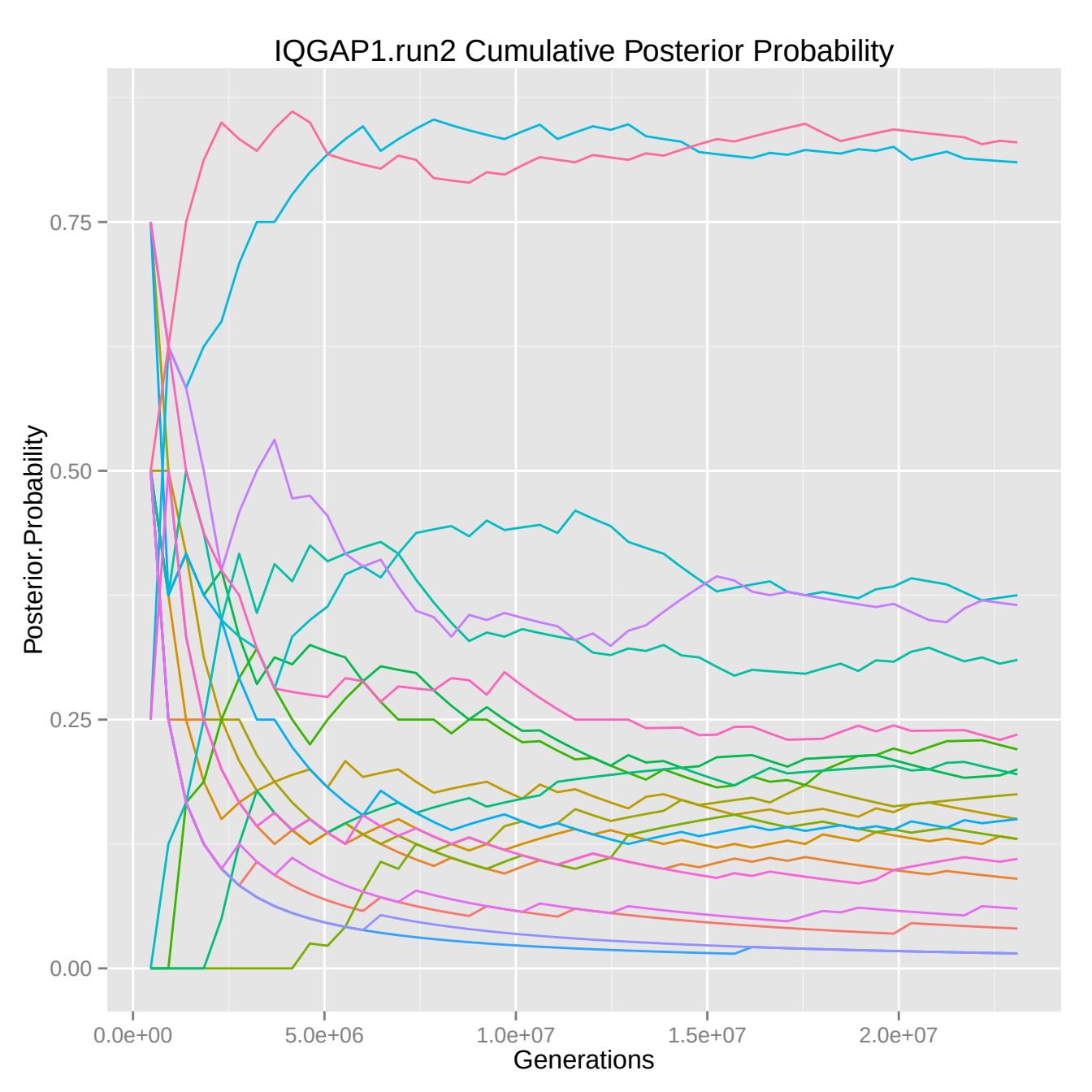

IQGAP1.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

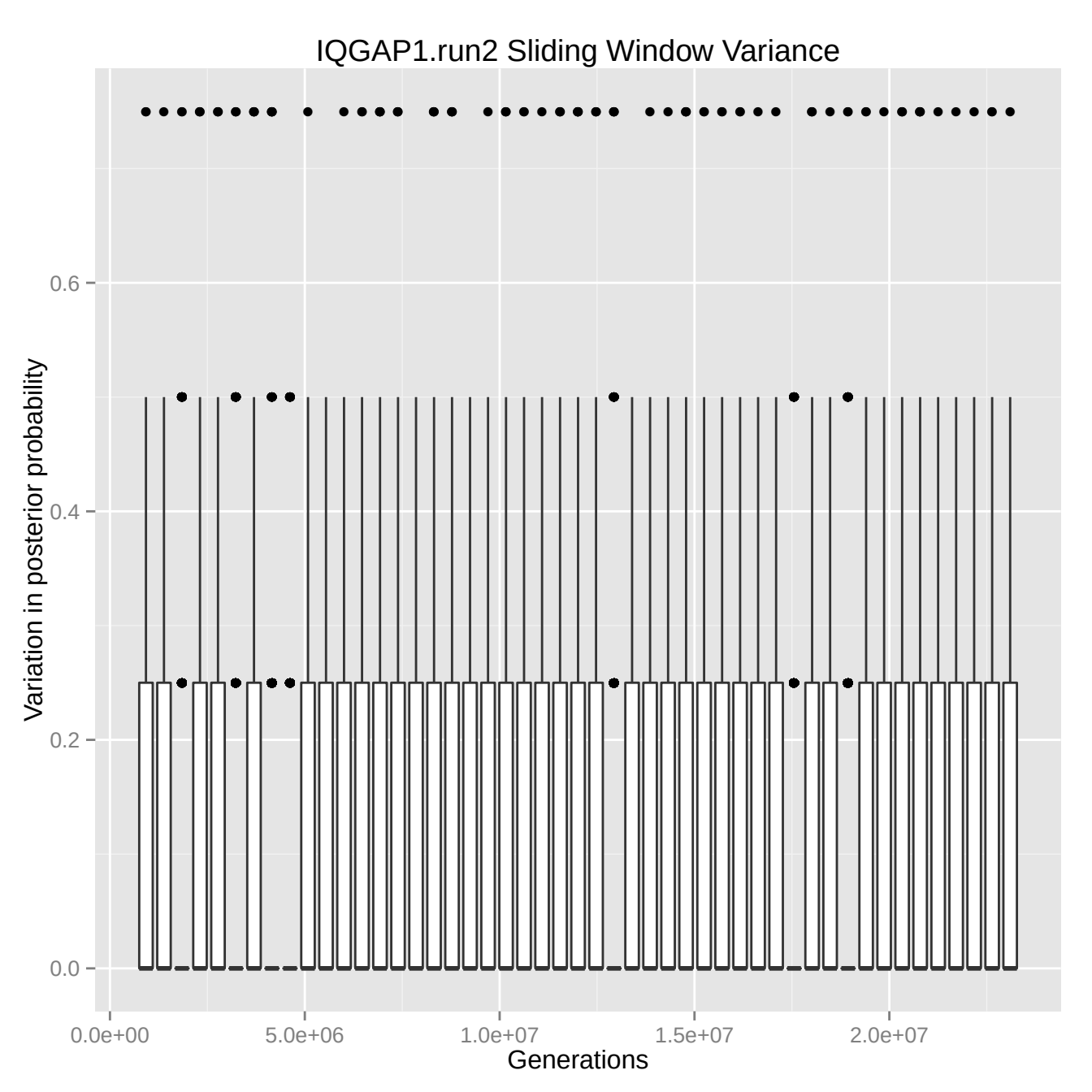

IQGAP1.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

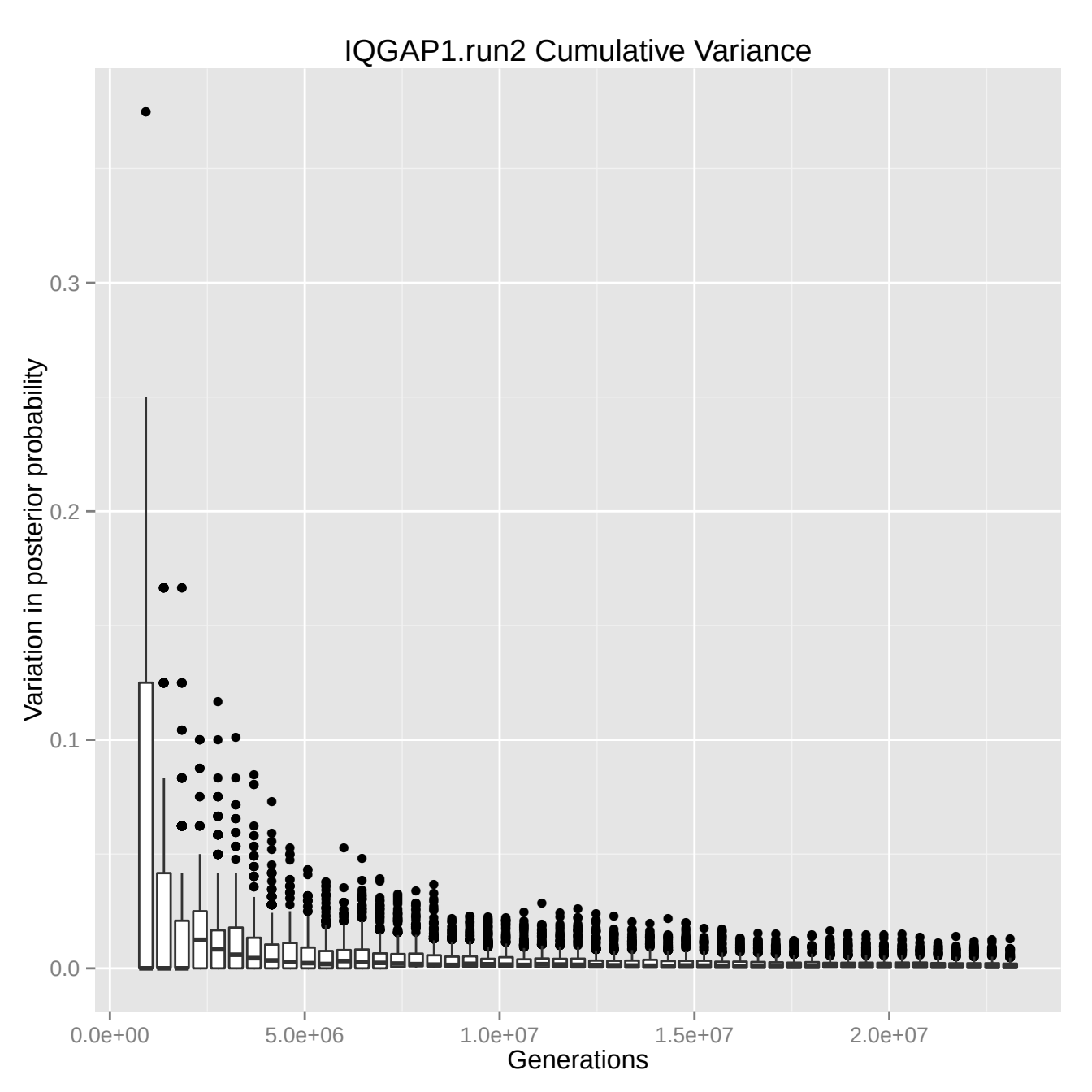

IQGAP1.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

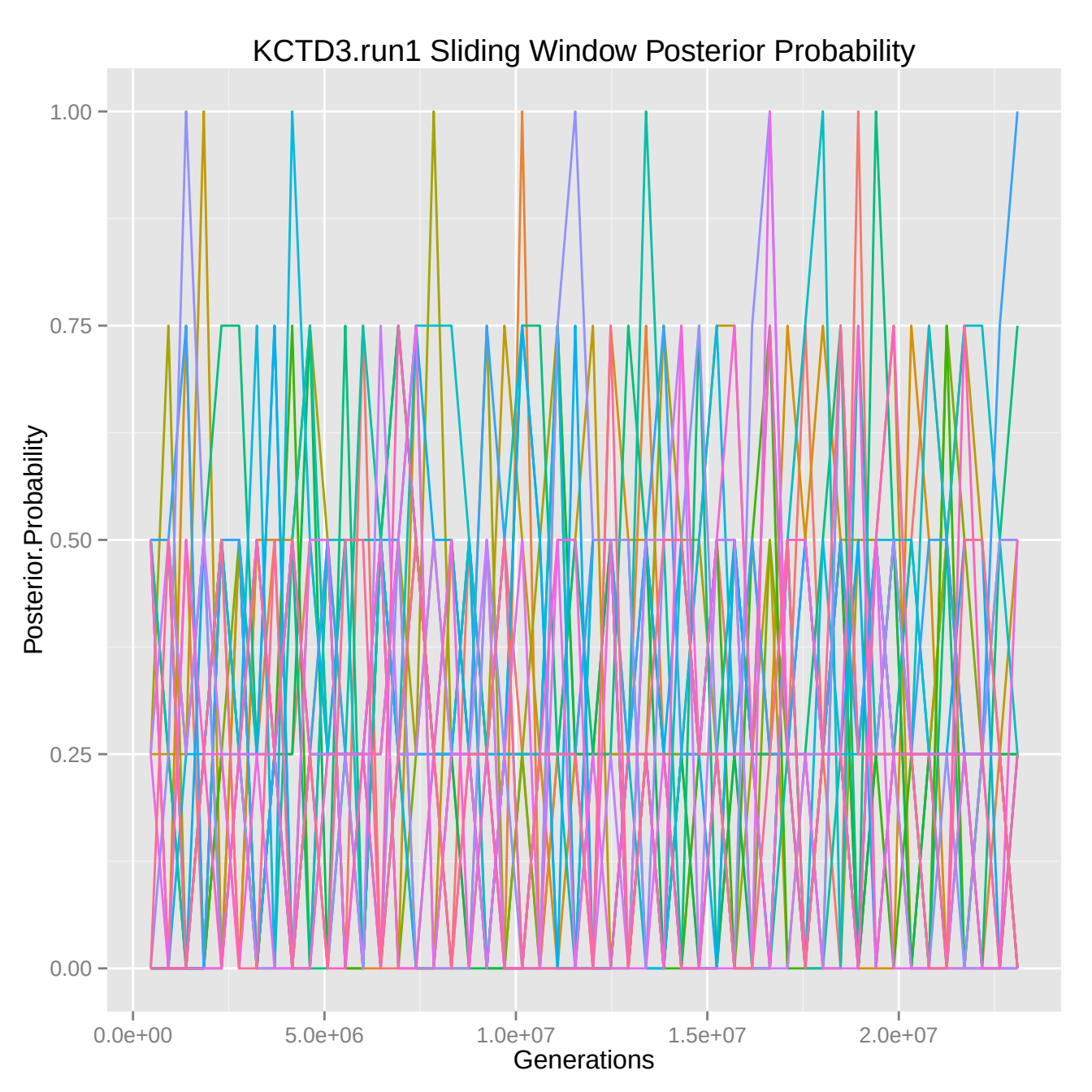

IQGAP1.run1 Cumulative Variance
Variation in posterior probability
0.5
0.4
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

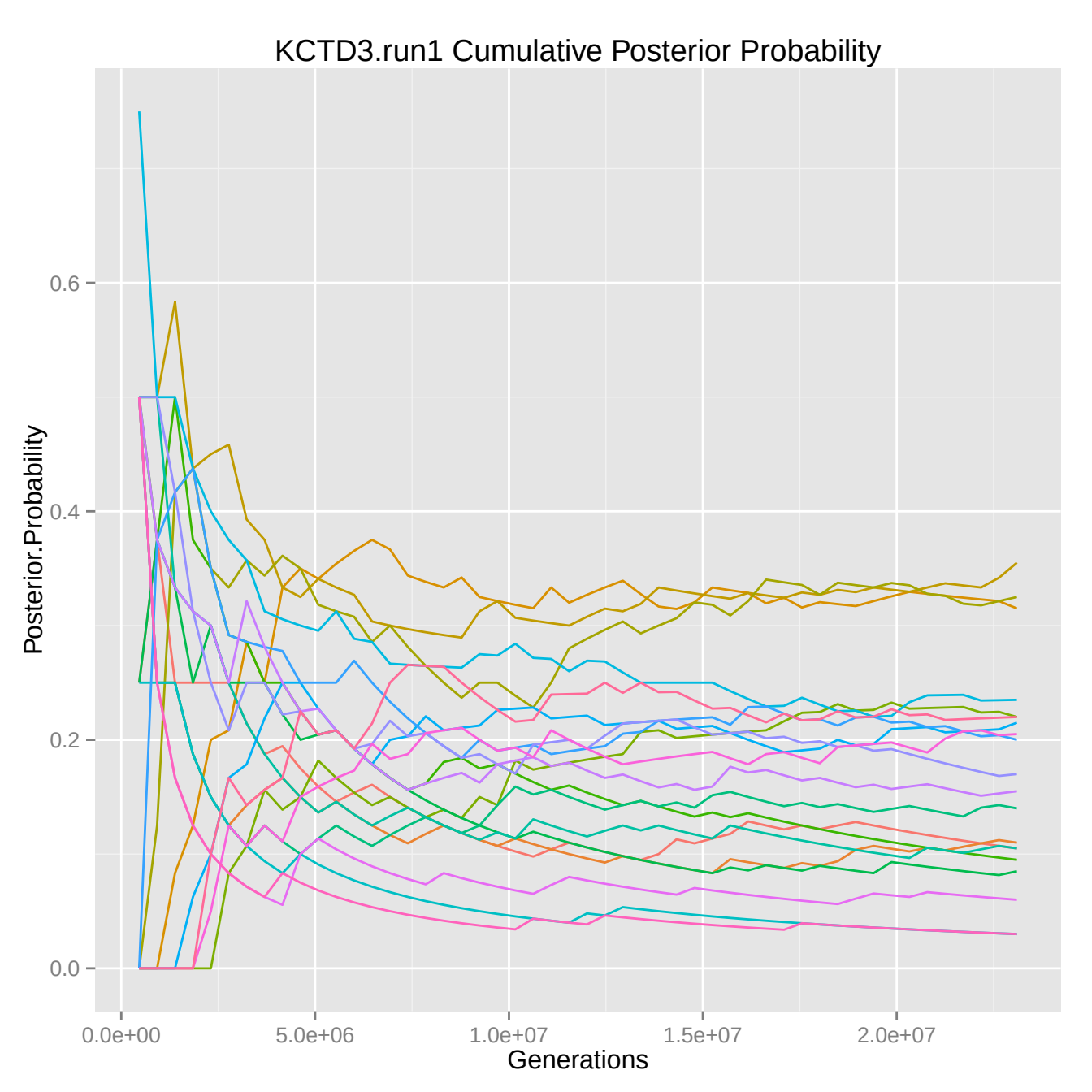

IQGAP1.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

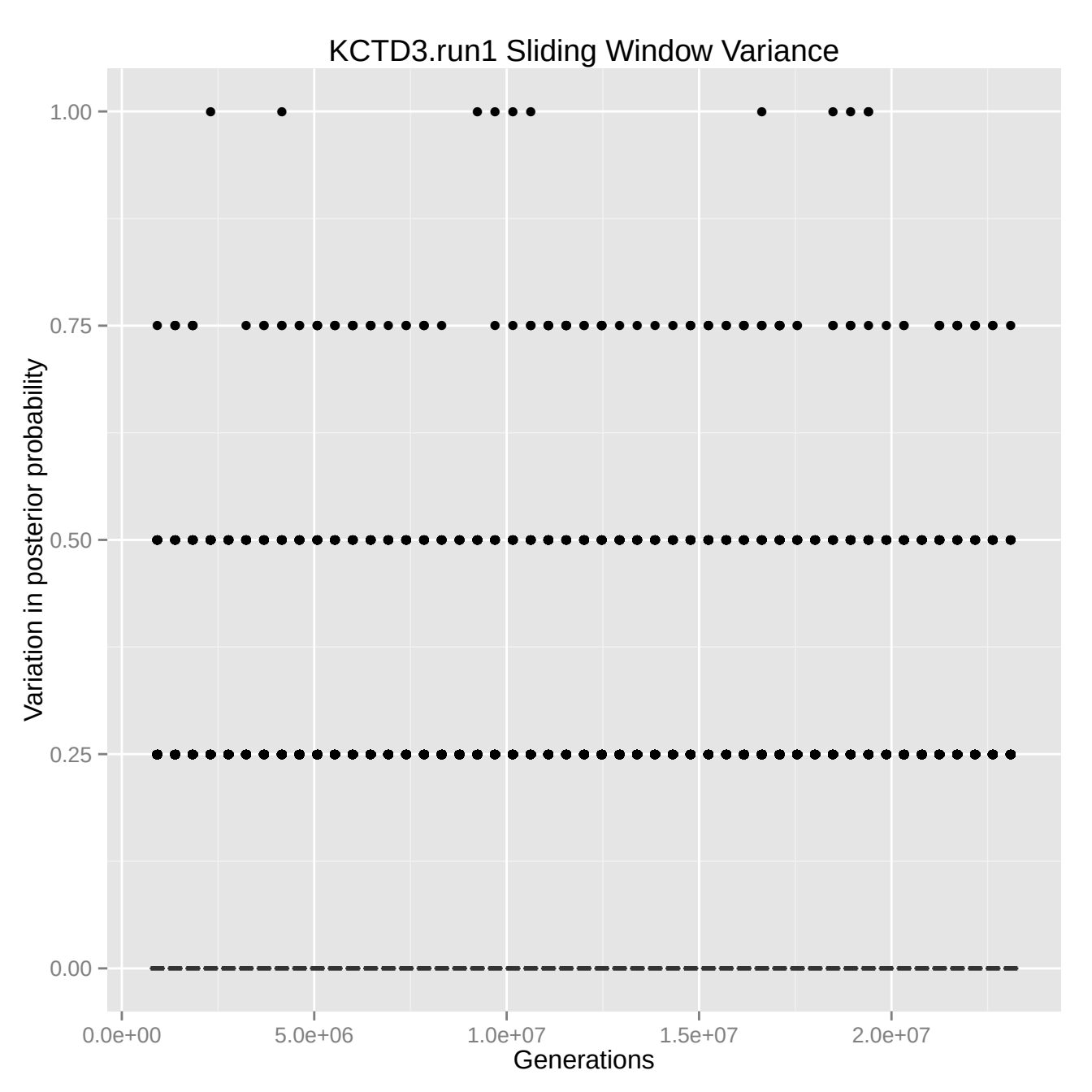

IQGAP1.run2 Cumulative Posterior Probability
Posterior.Probability
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

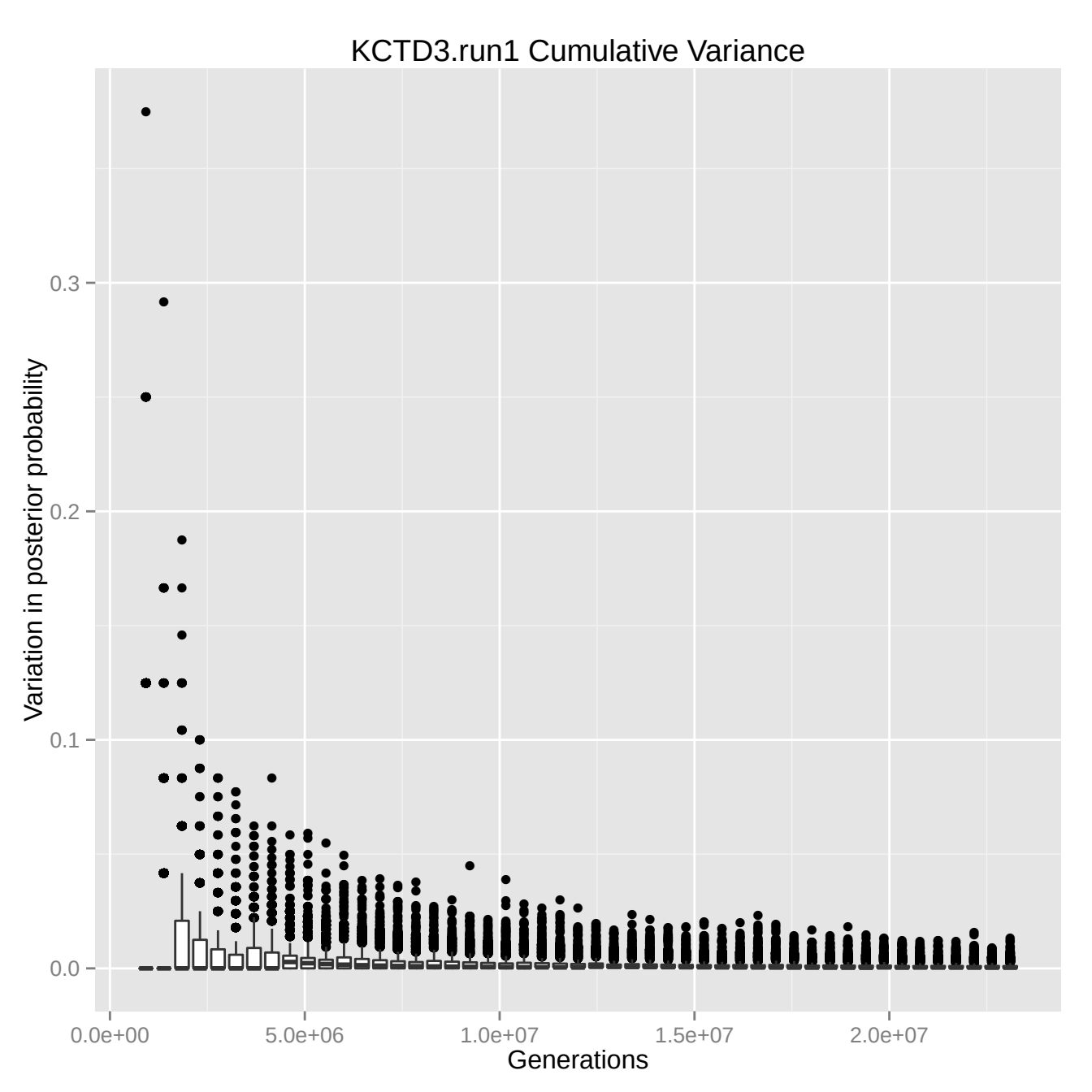

IQGAP1.run2 Sliding Window Variance
Variation in posterior probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

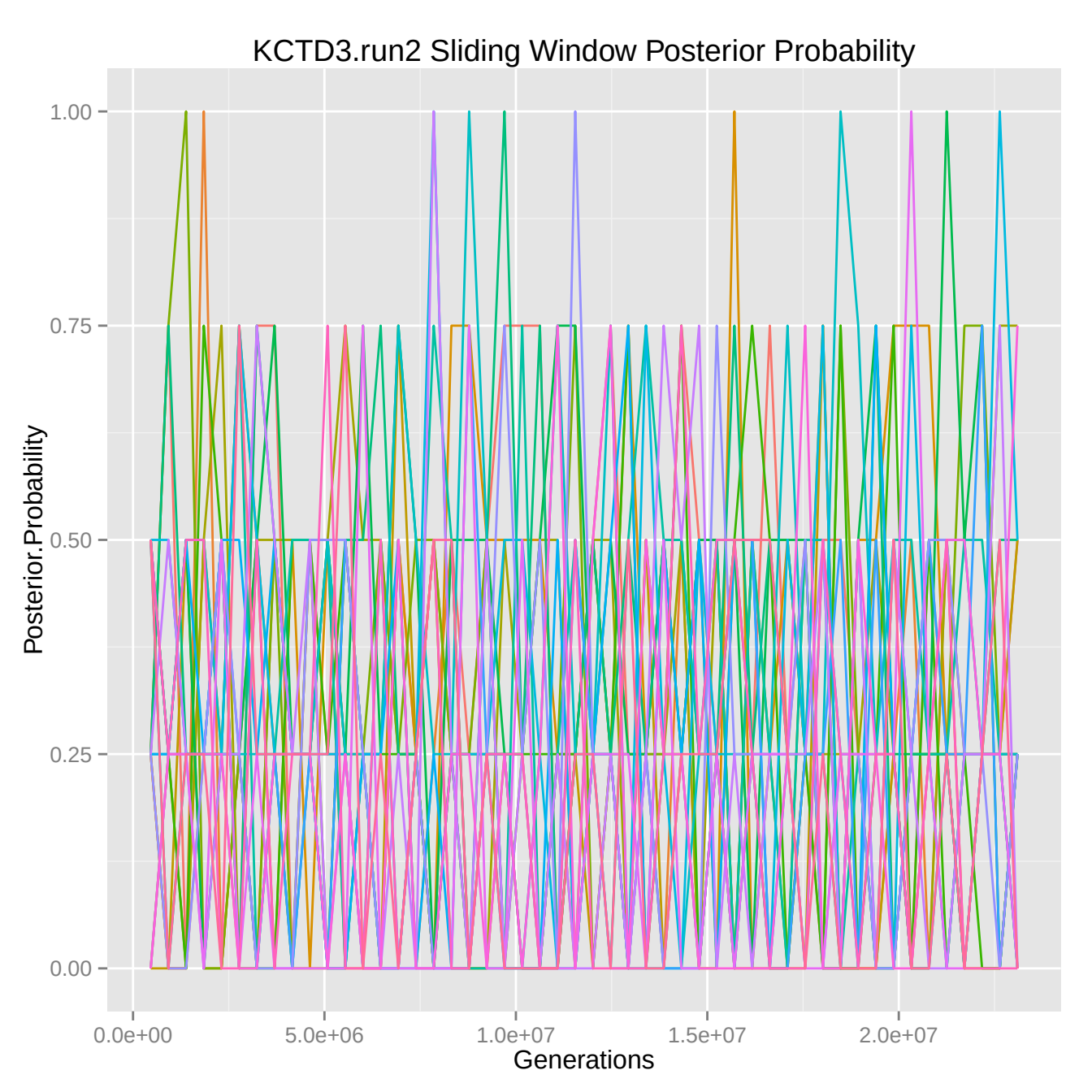

IQGAP1.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

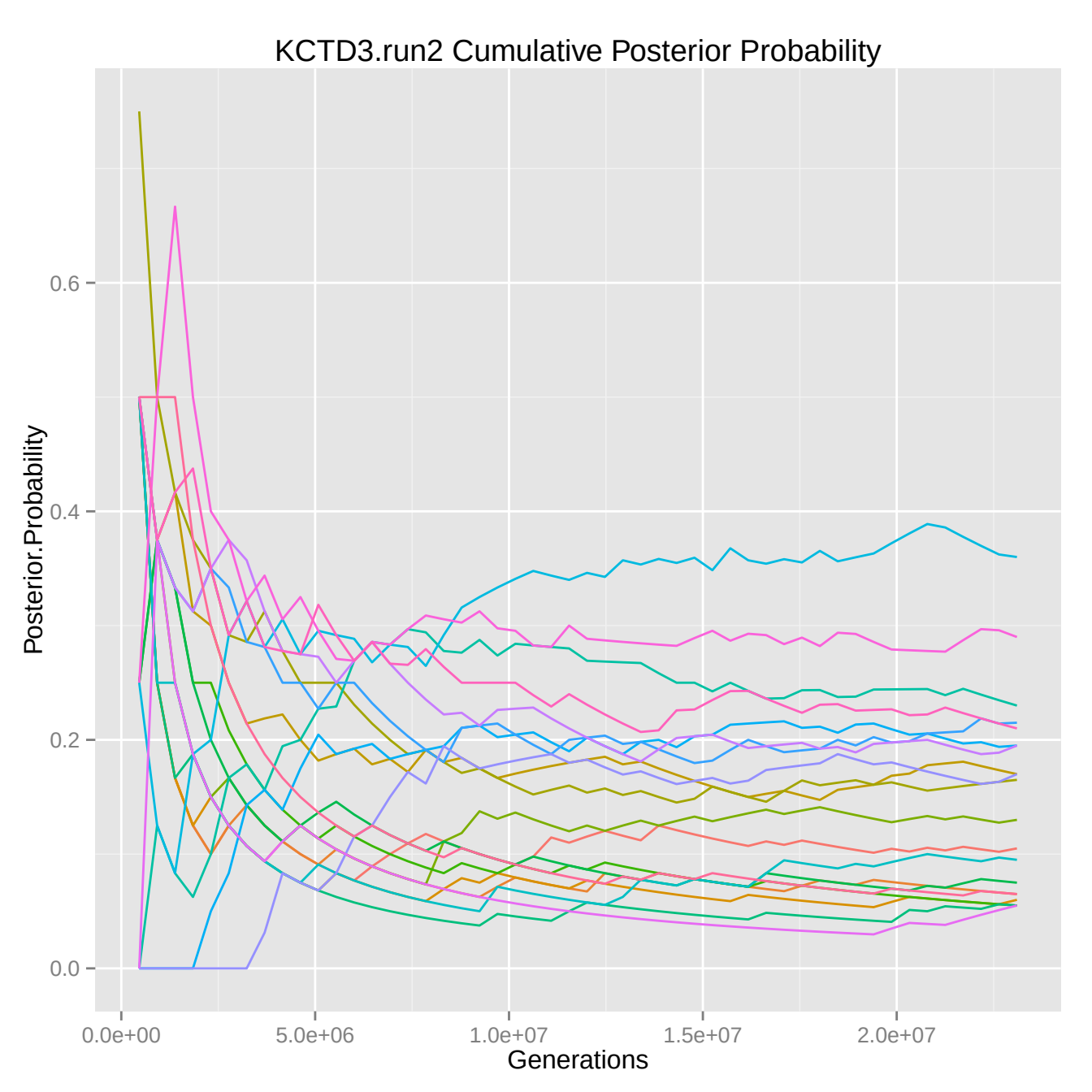

KCTD3.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

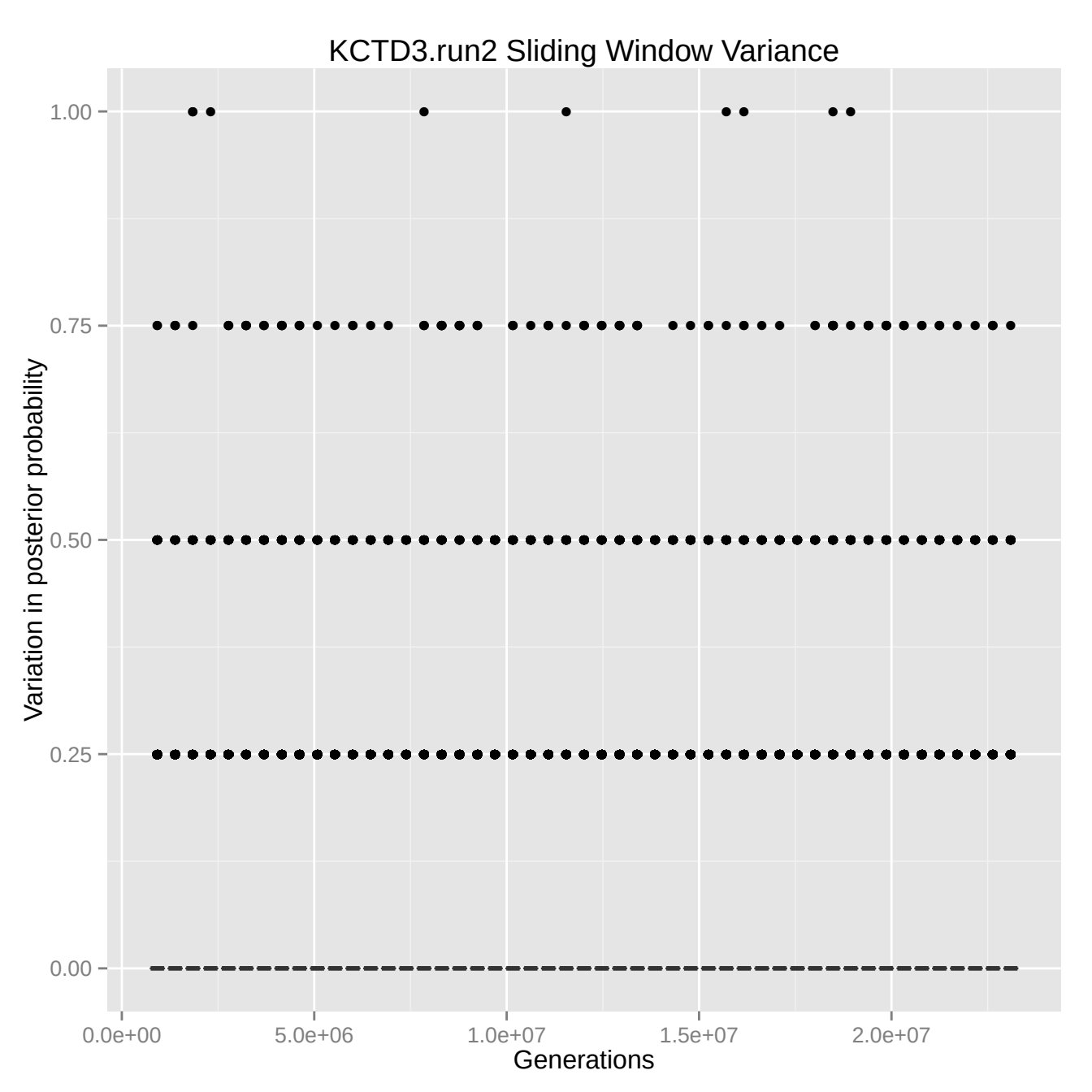

KCTD3.run1 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

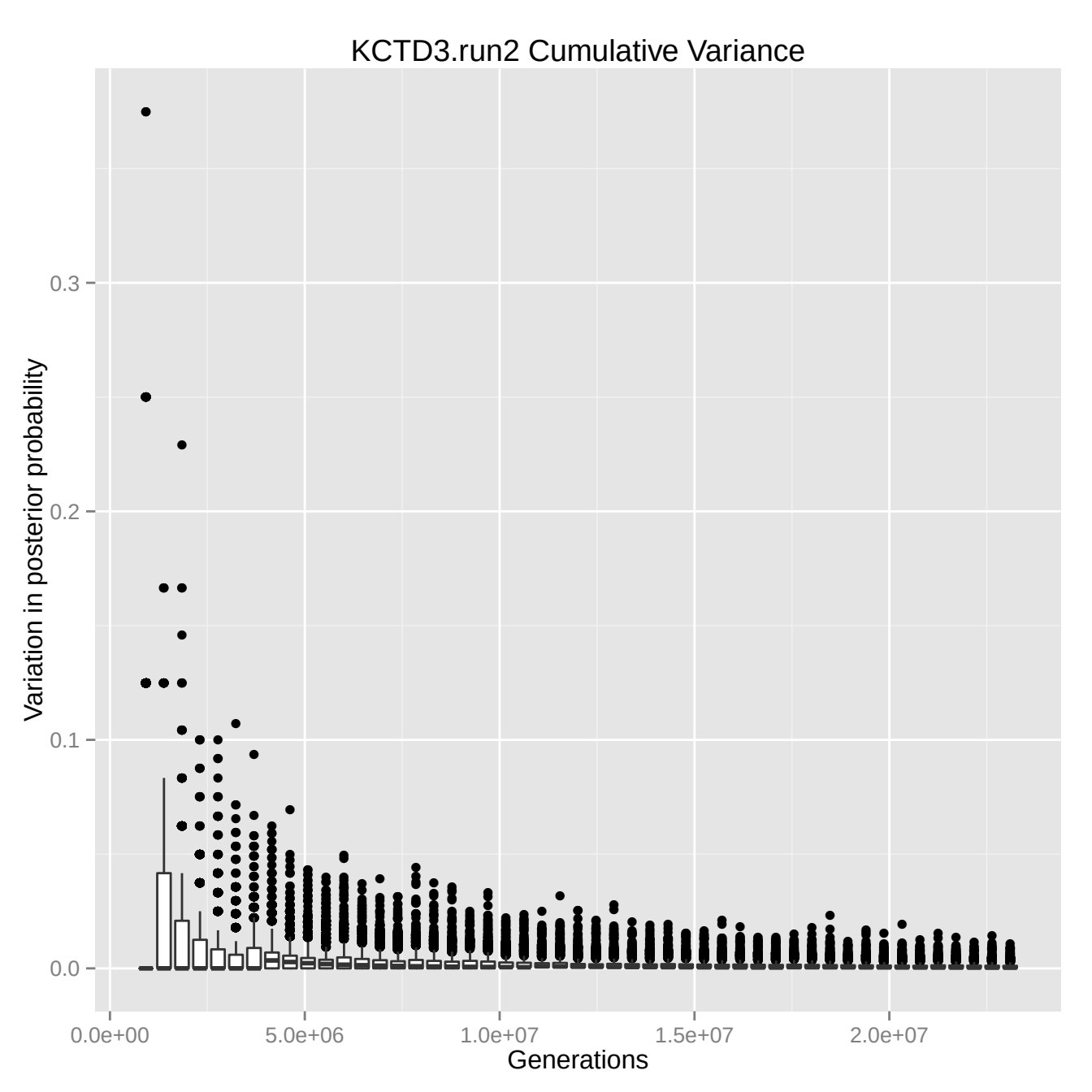

KCTD3.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

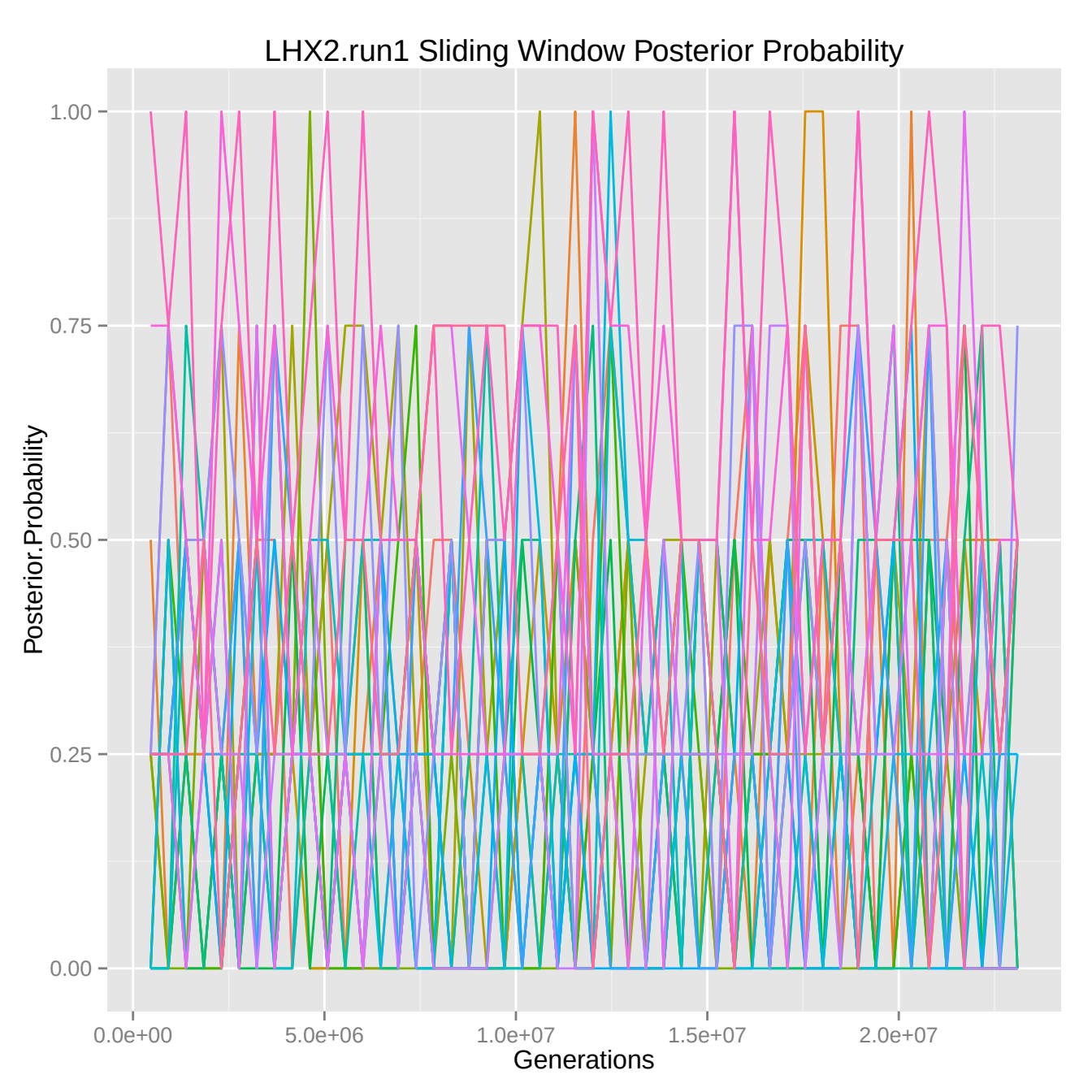

KCTD3.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

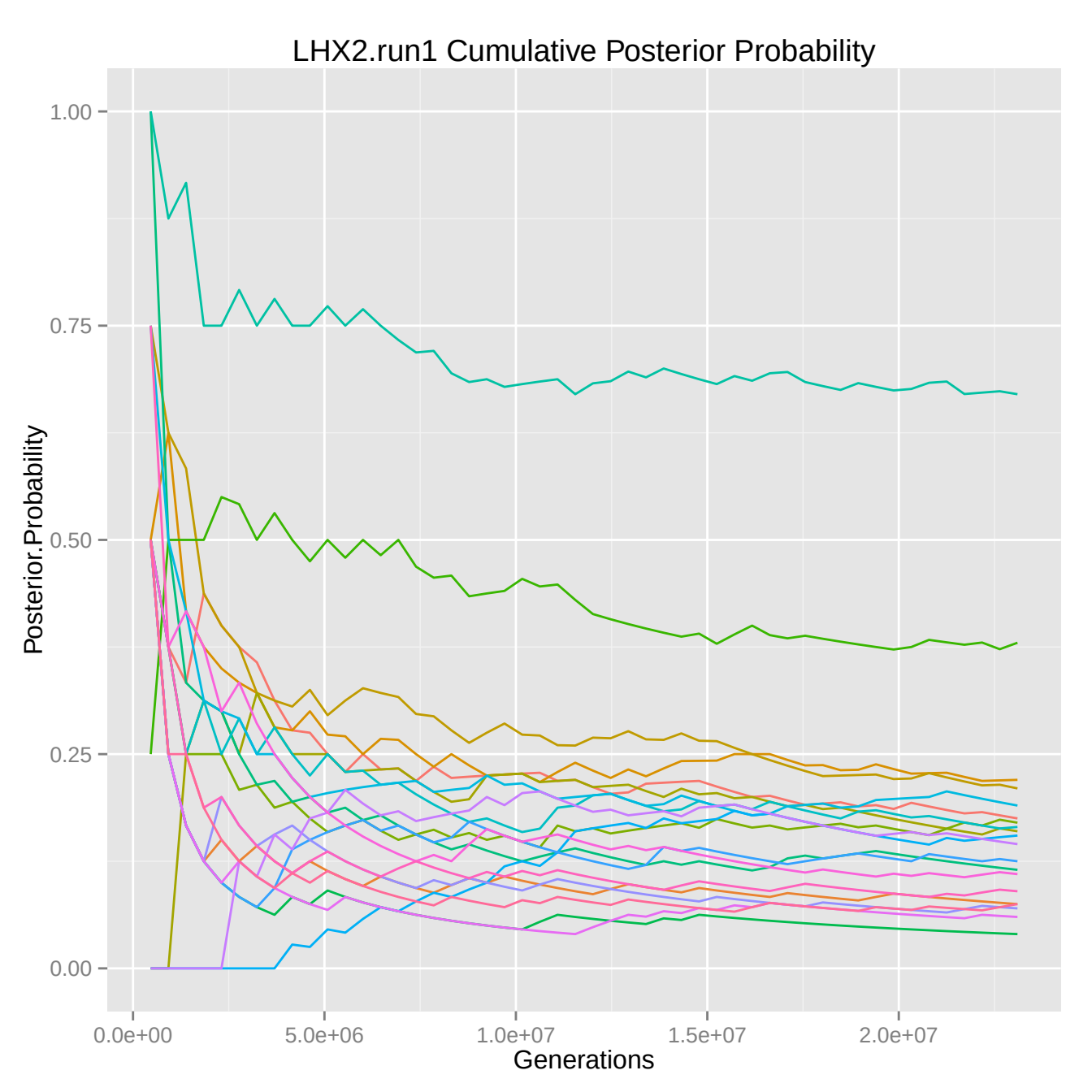

KCTD3.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

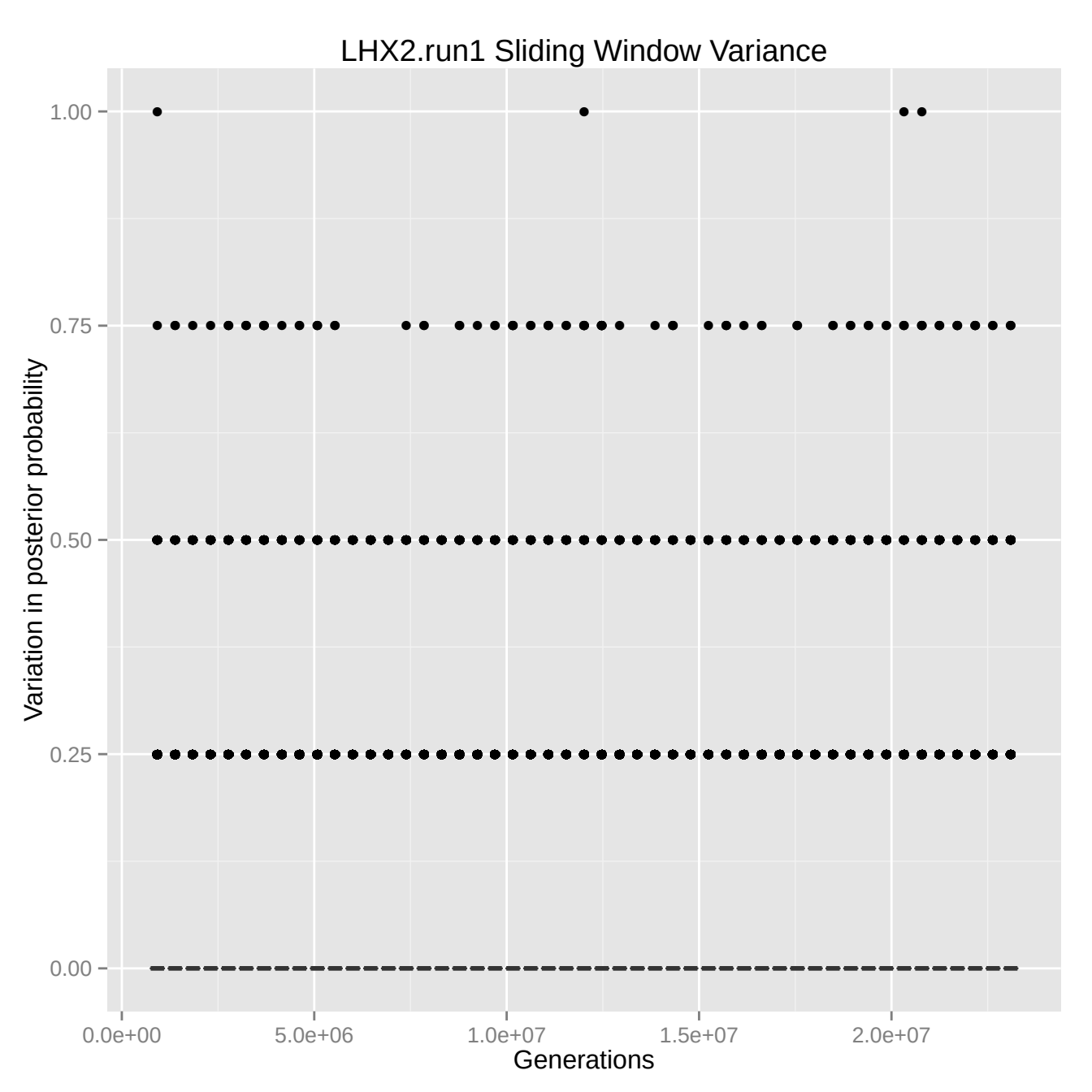

KCTD3.run2 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

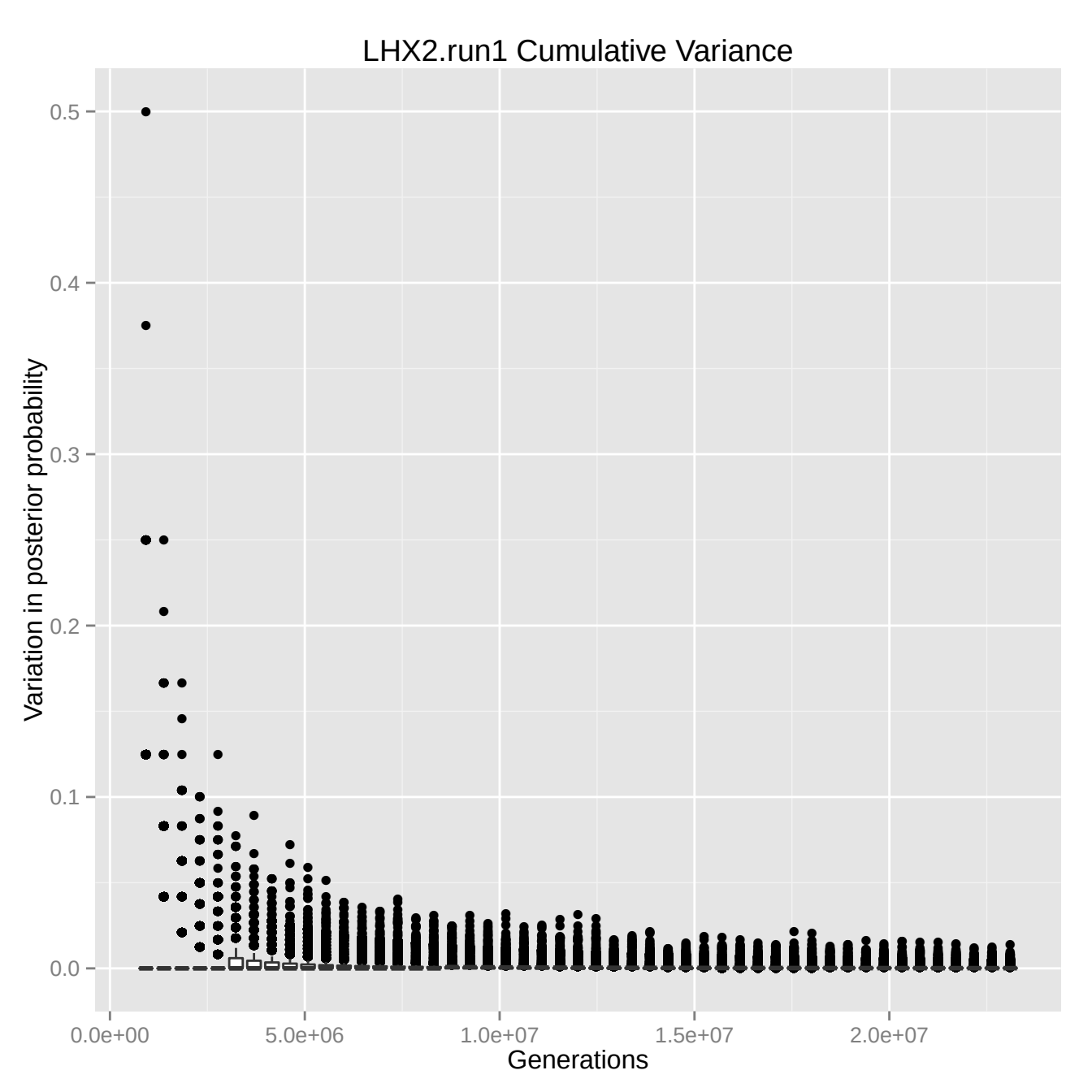

KCTD3.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

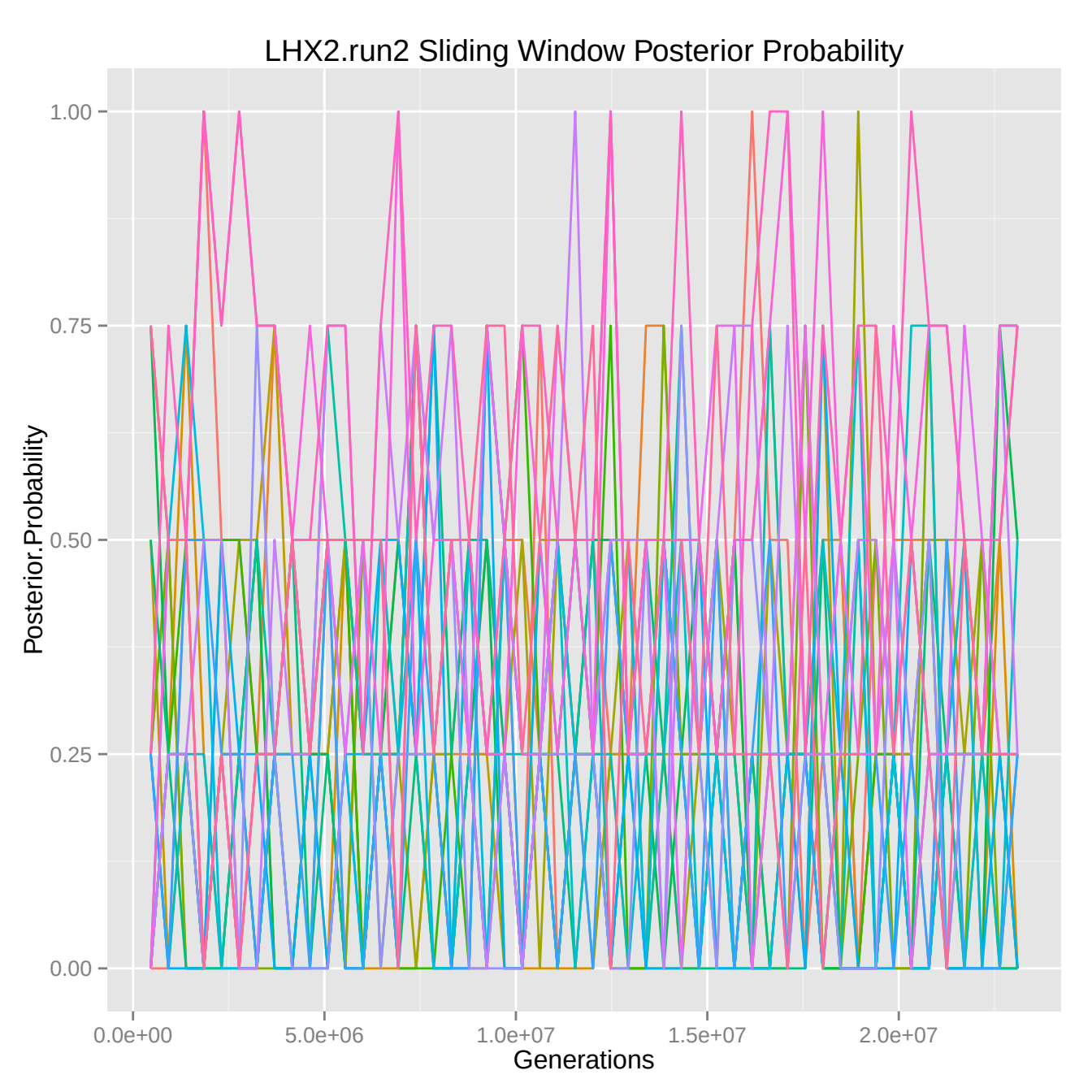

KCTD3.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

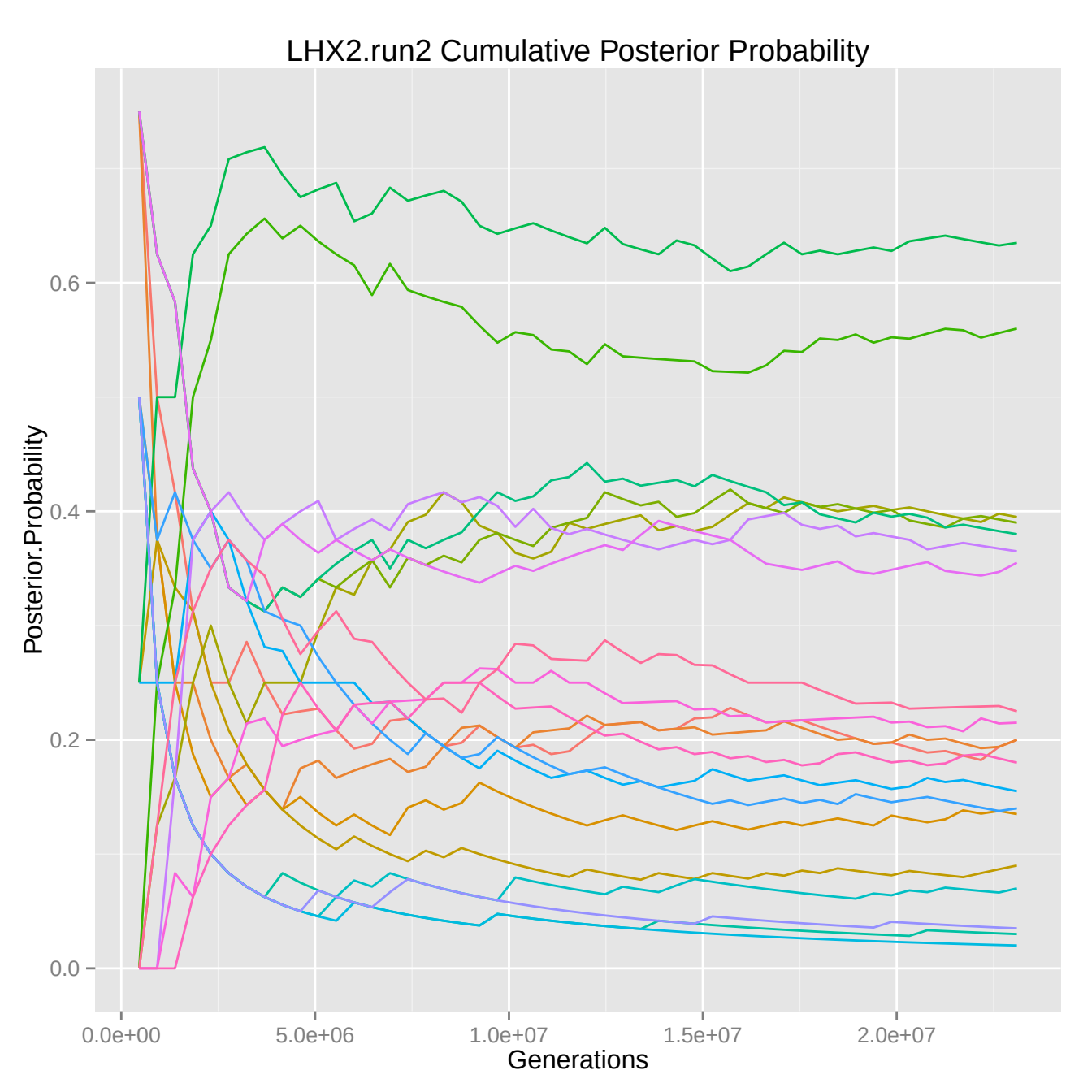

LHX2.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

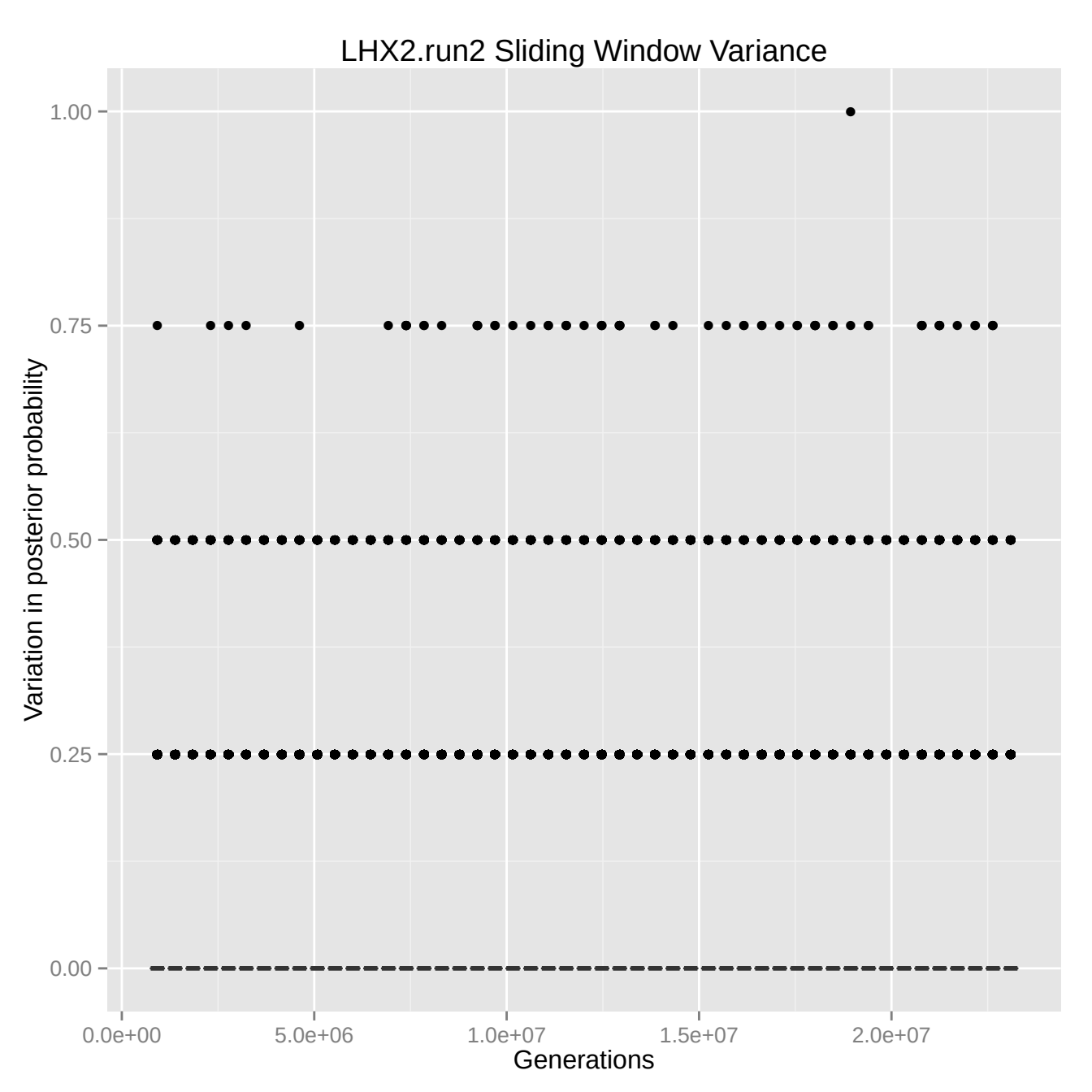

LHX2.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

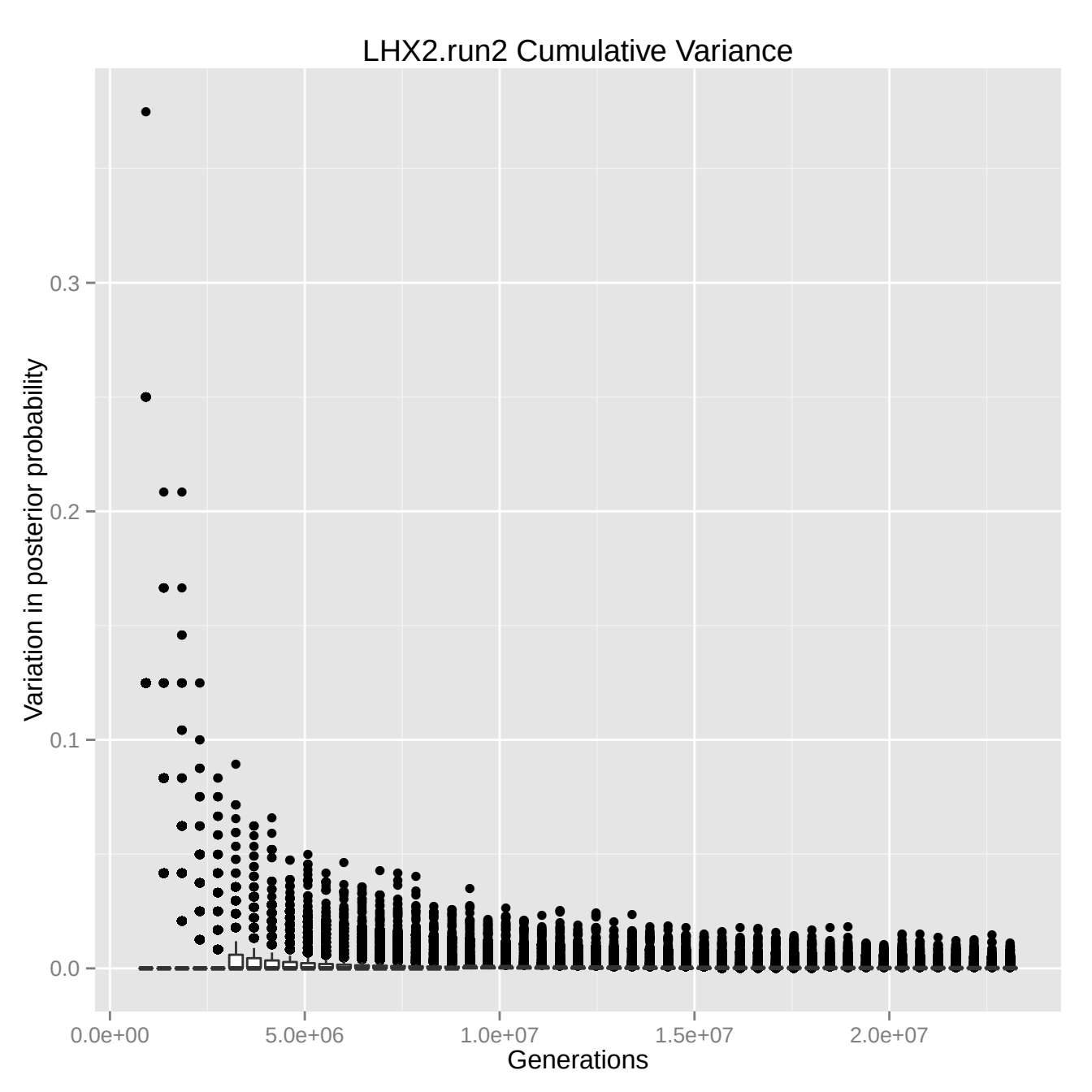

LHX2.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

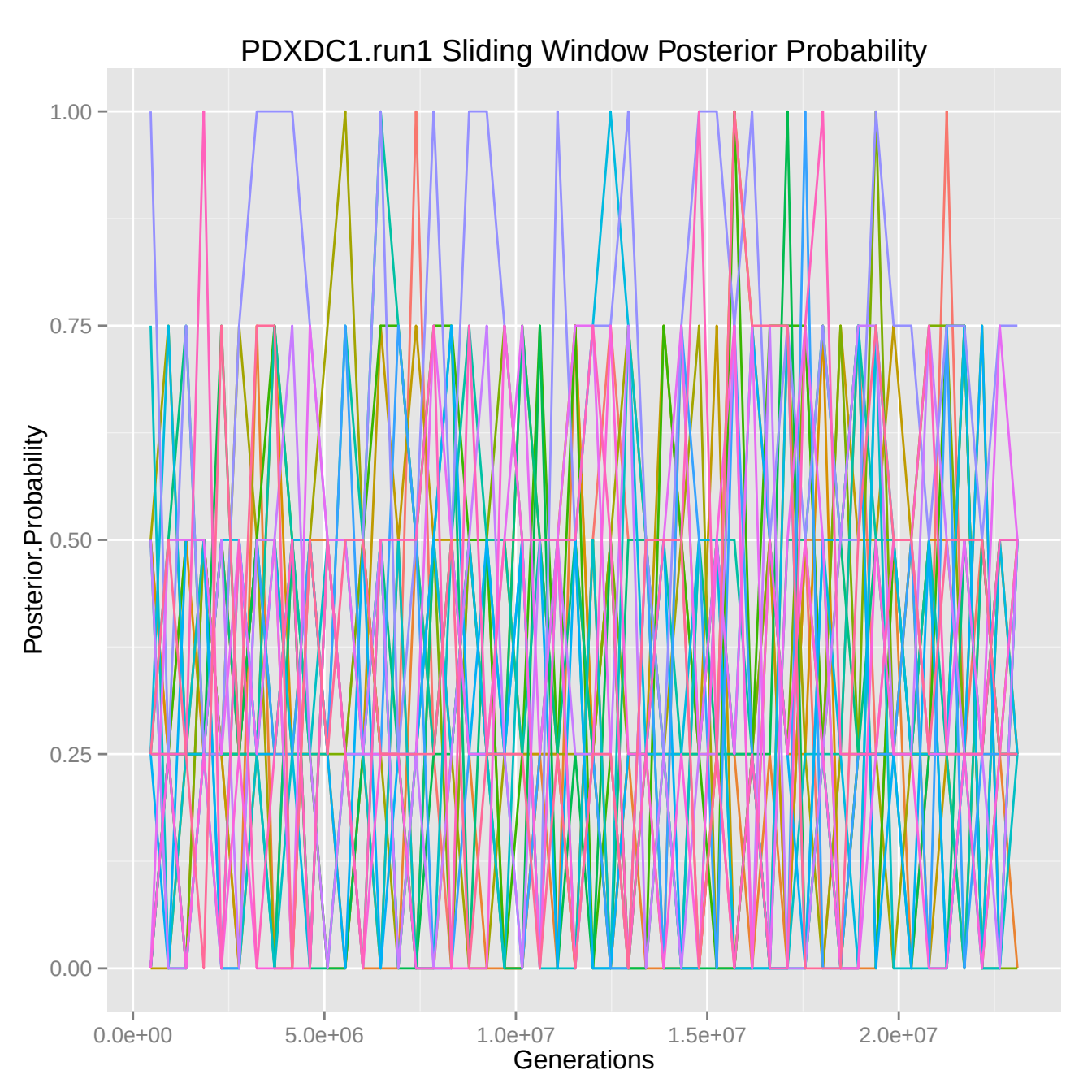

LHX2.run1 Cumulative Variance
Variation in posterior probability
0.5
0.4
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

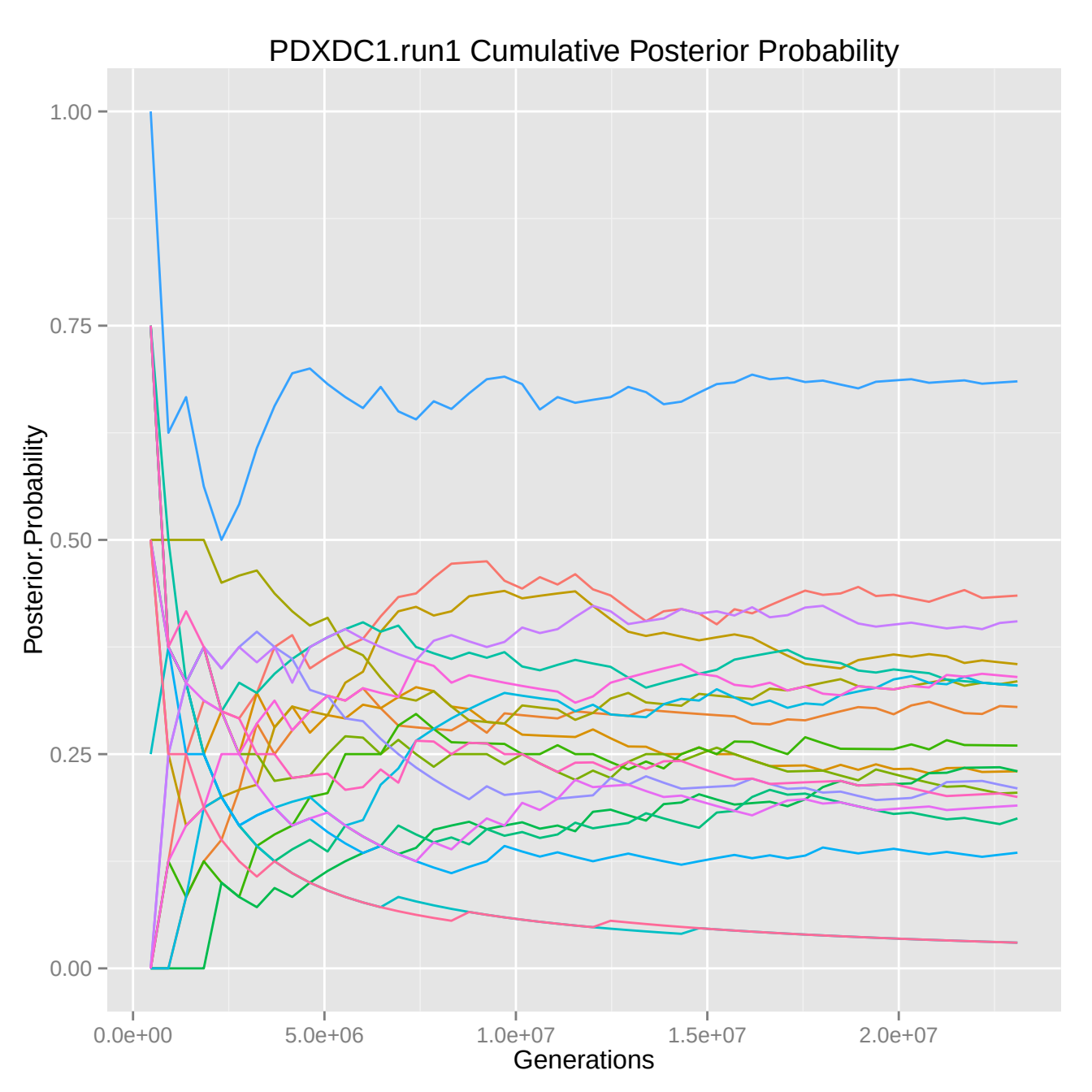

LHX2.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

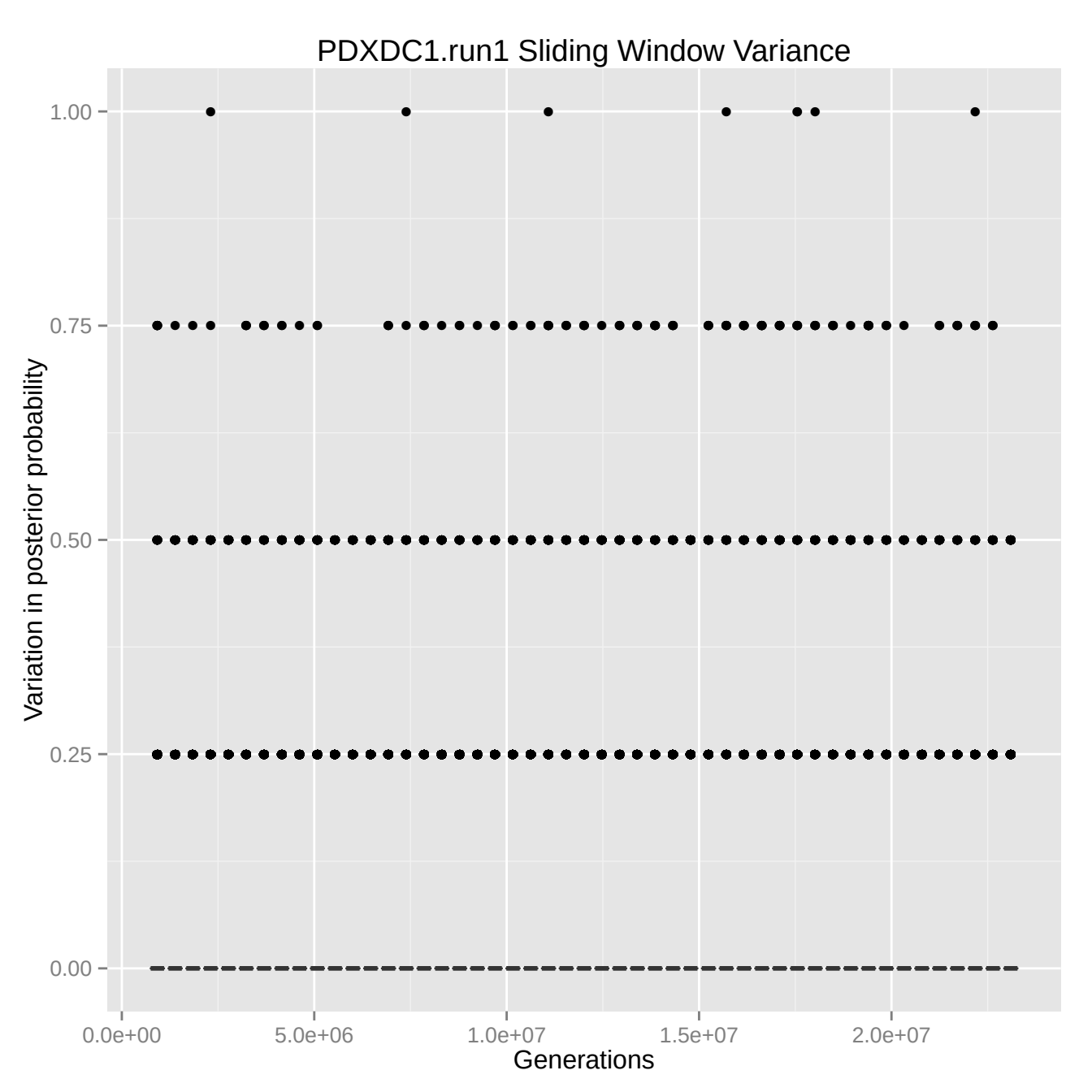

LHX2.run2 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

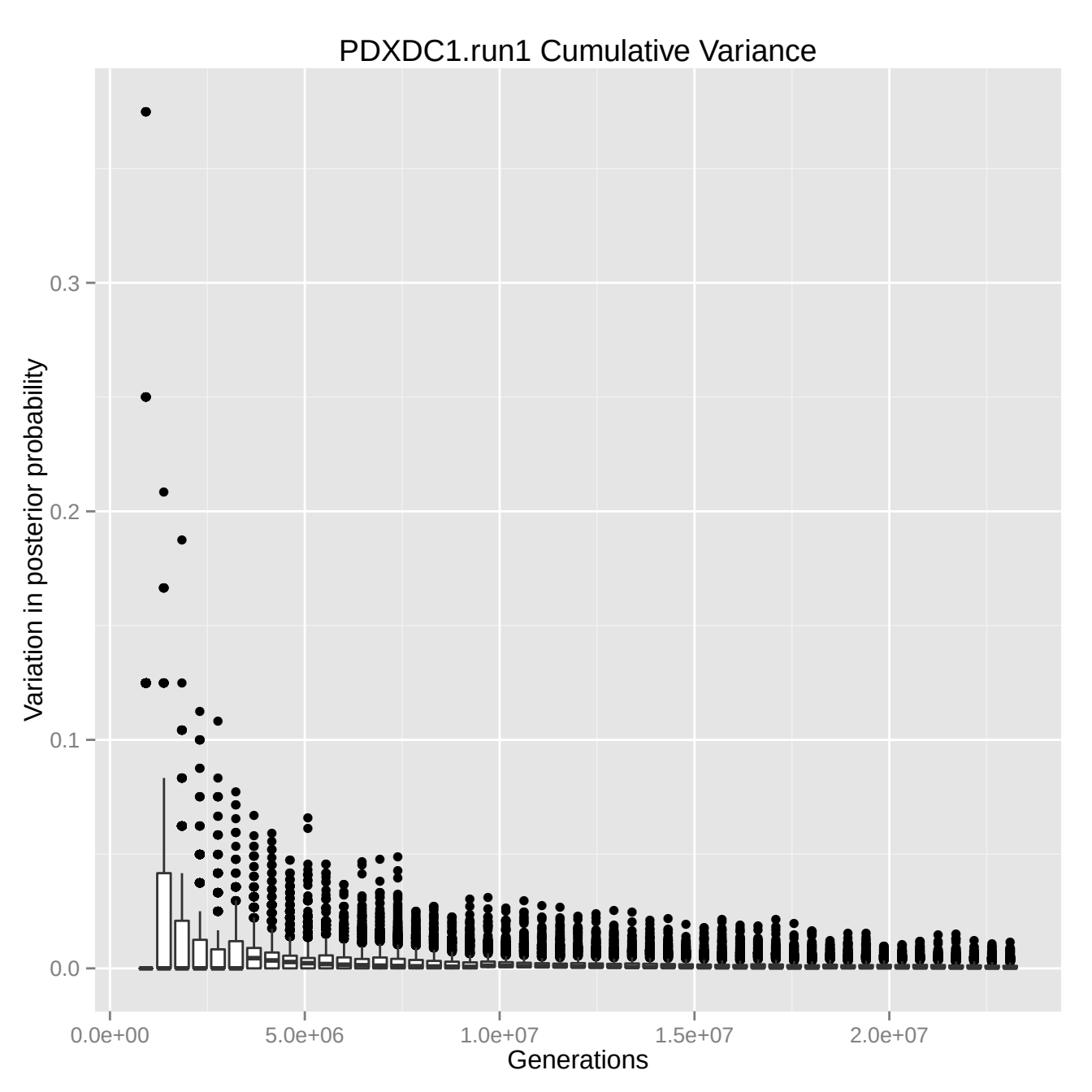

LHX2.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

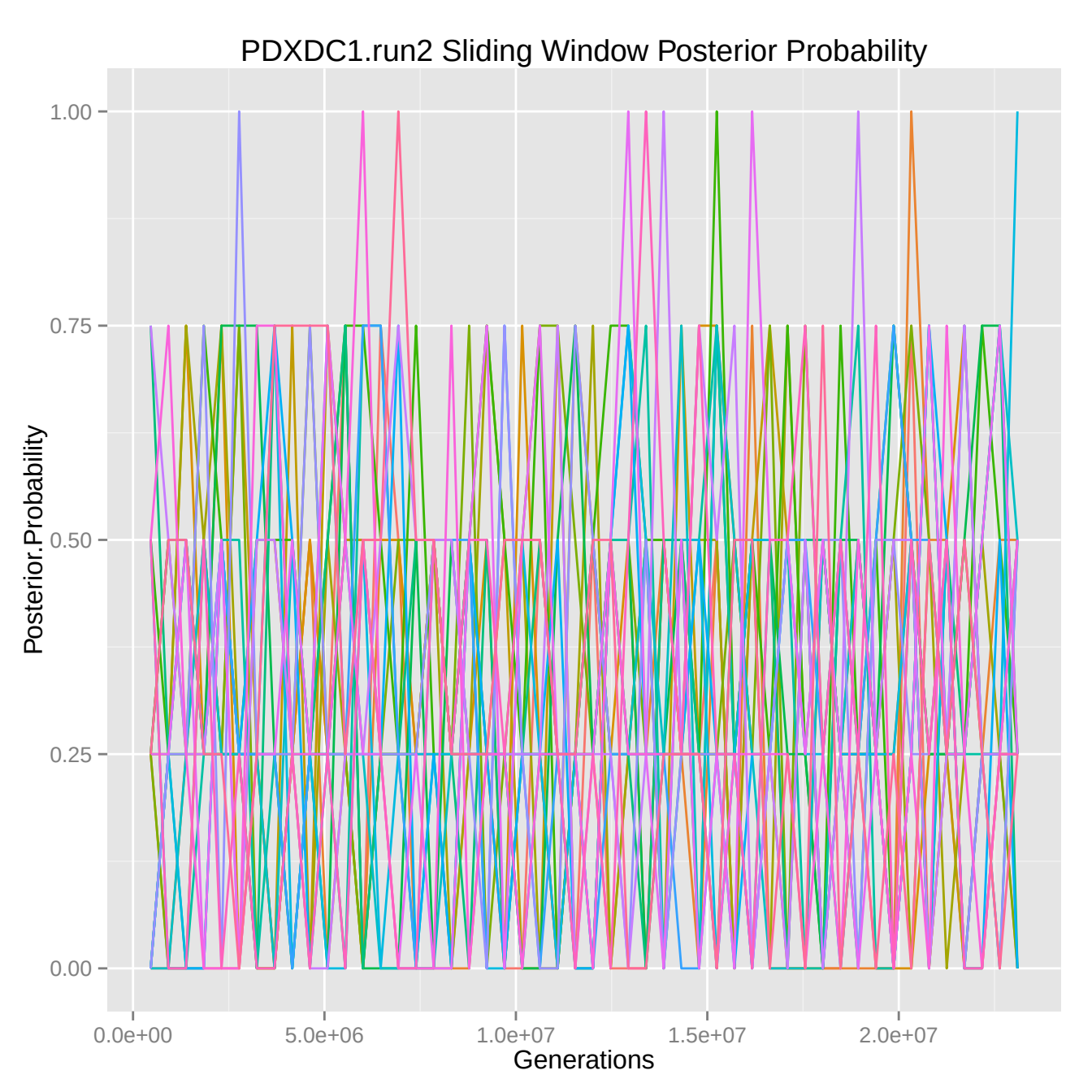

LHX2.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

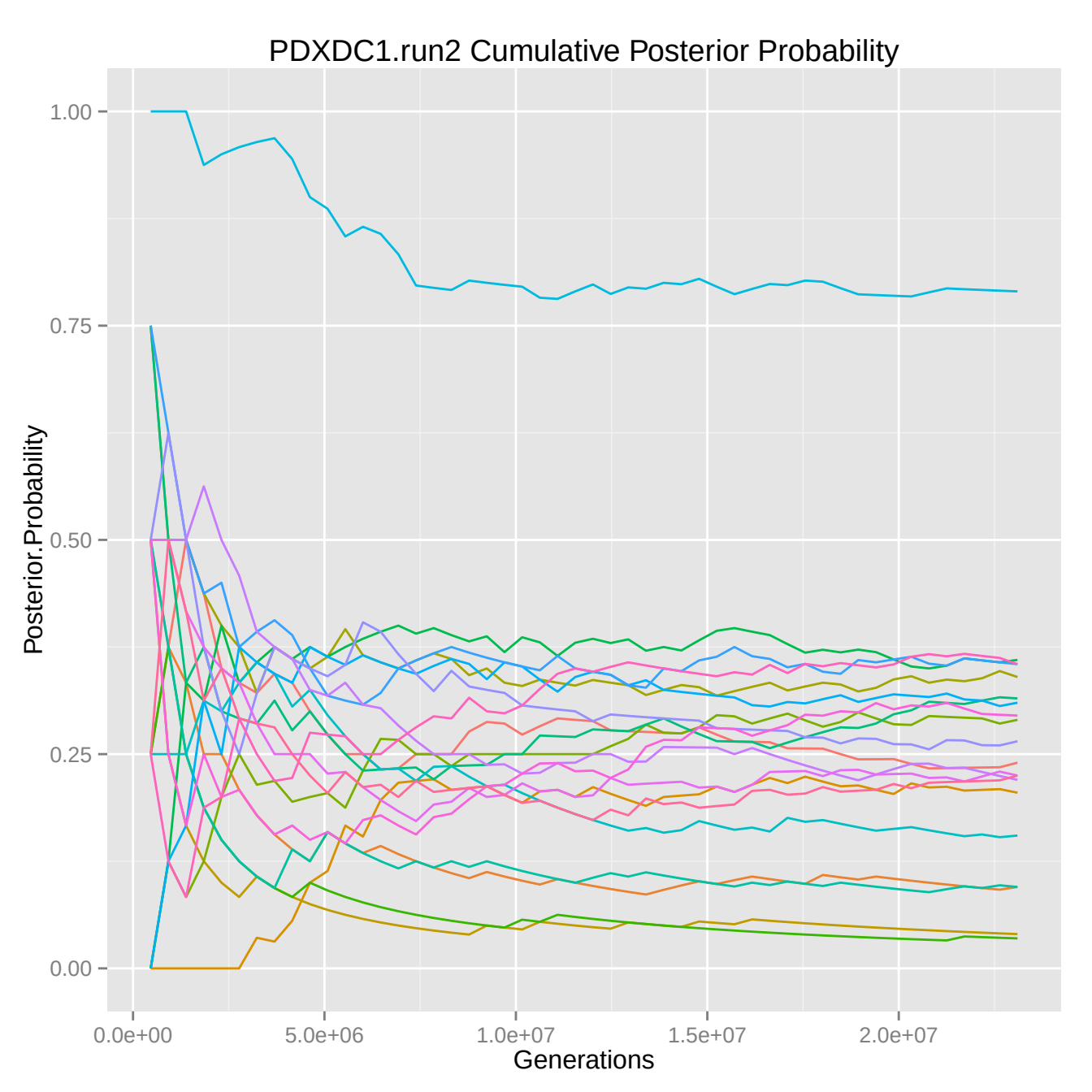

PDXDC1.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

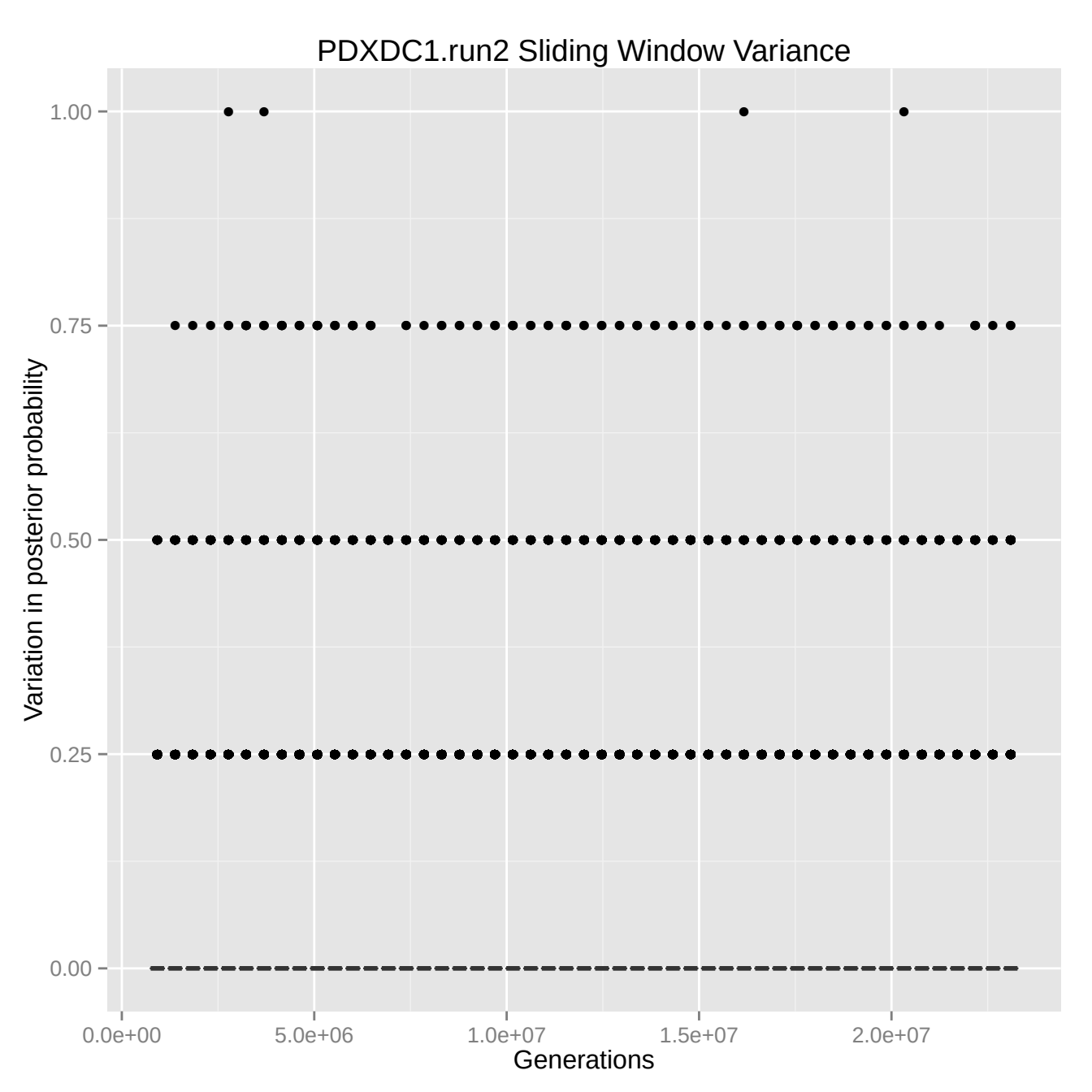

PDXDC1.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

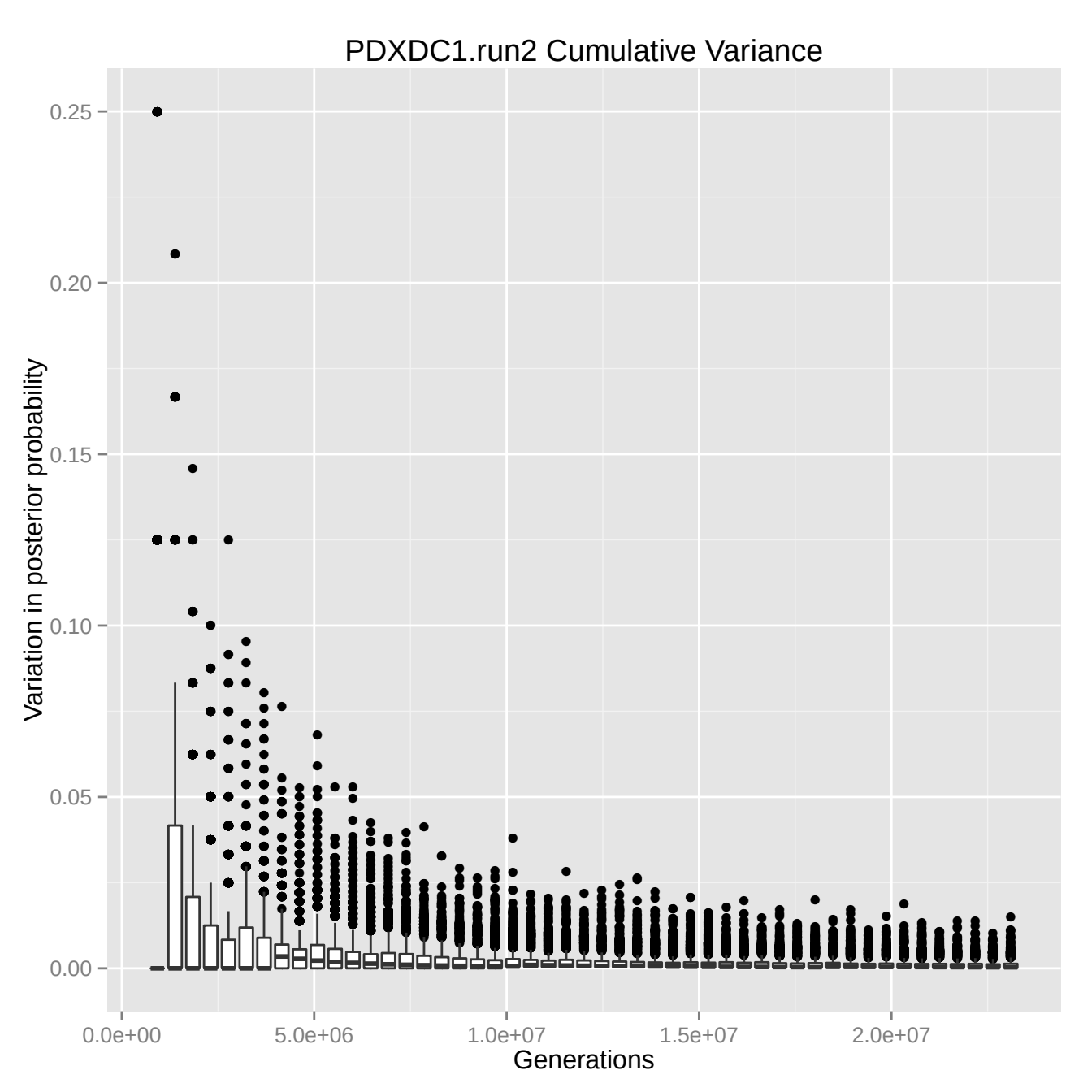

PDXDC1.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

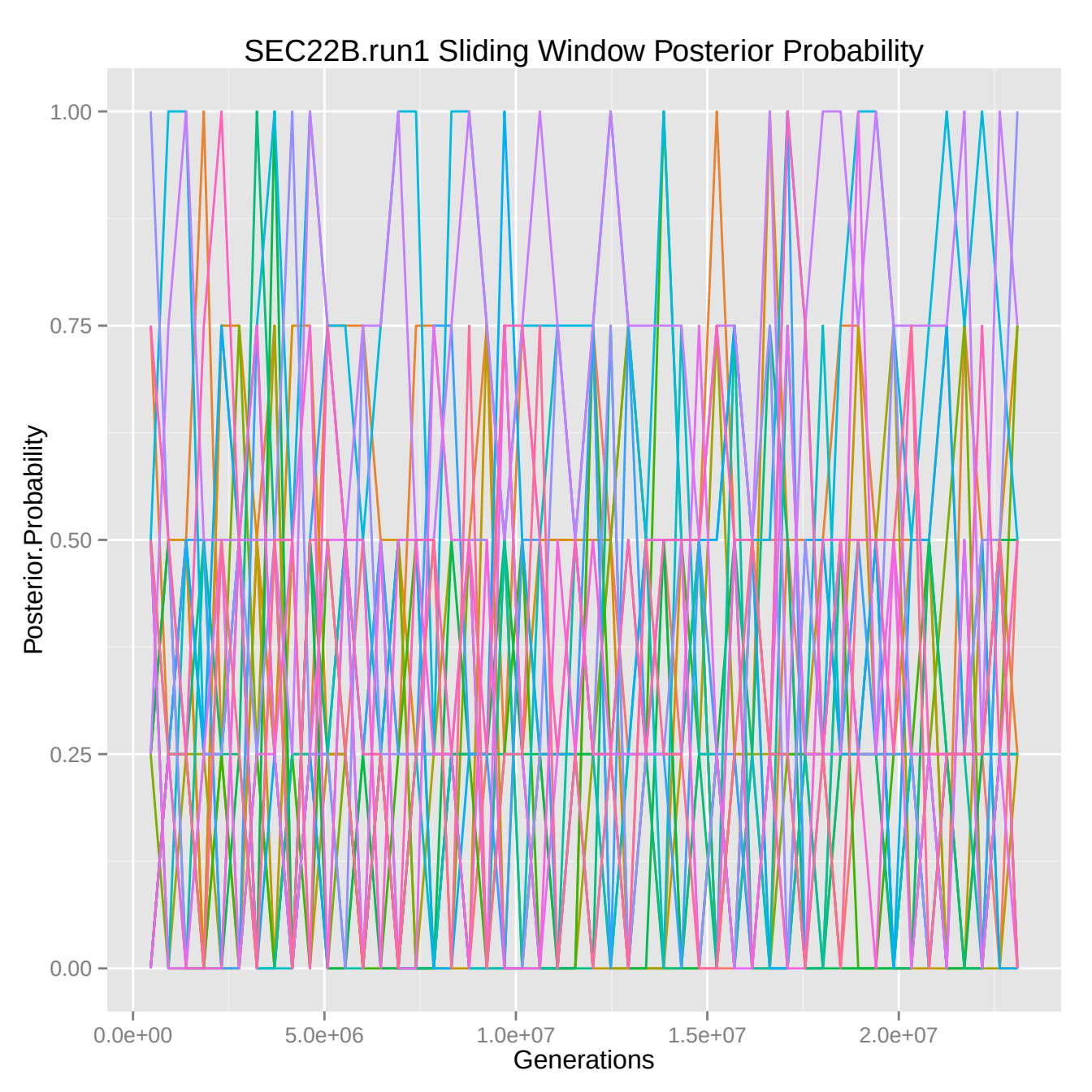

PDXDC1.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

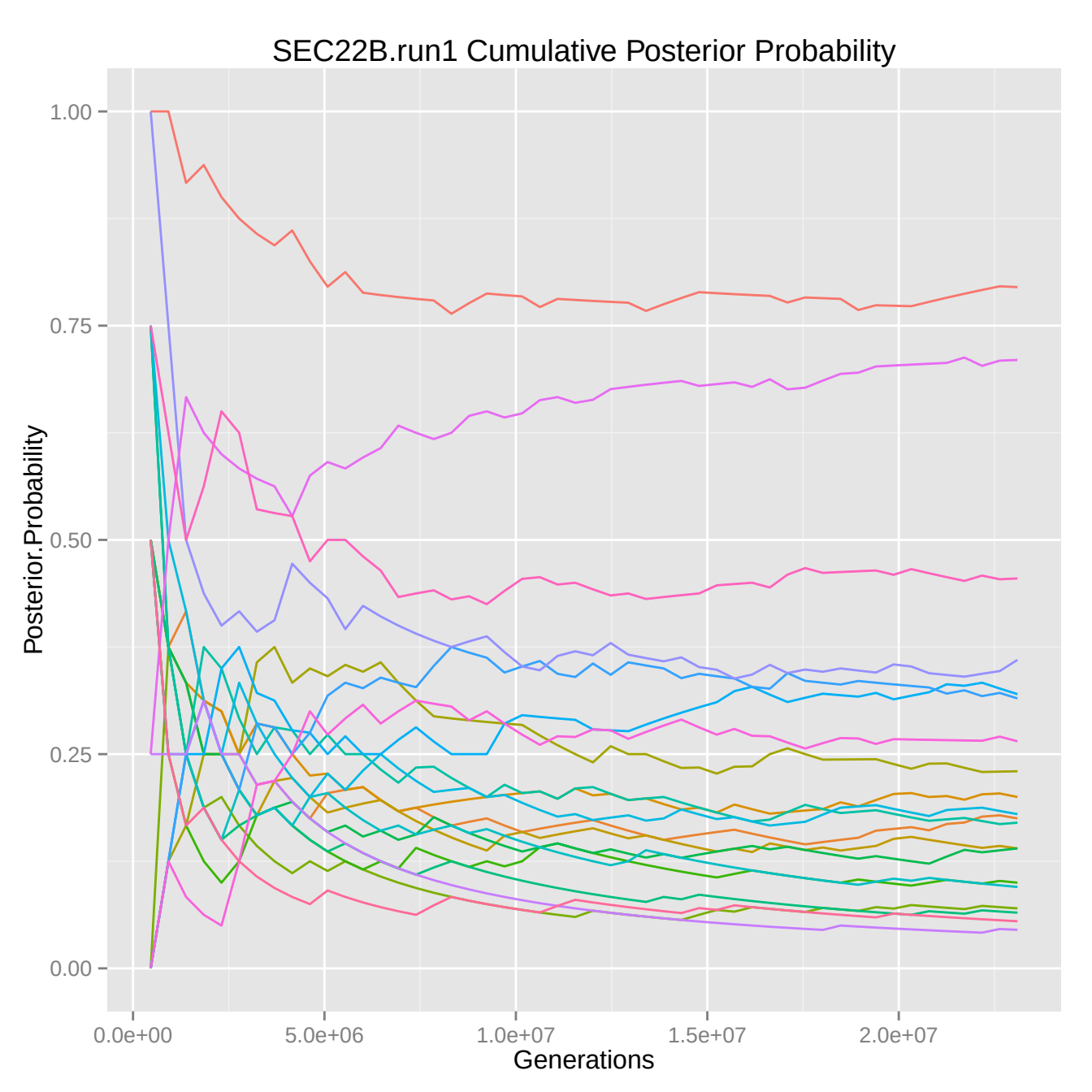

PDXDC1.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

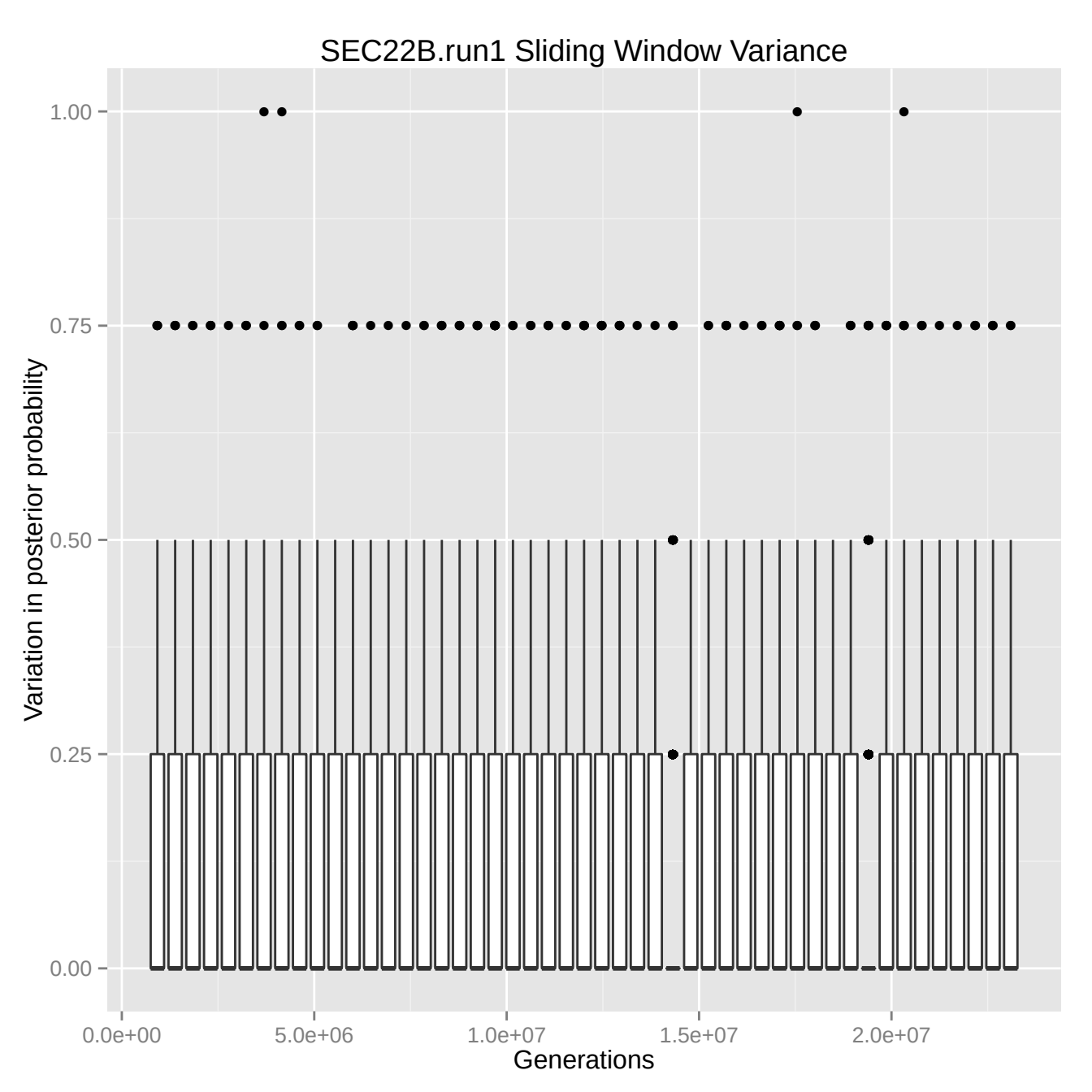

PDXDC1.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

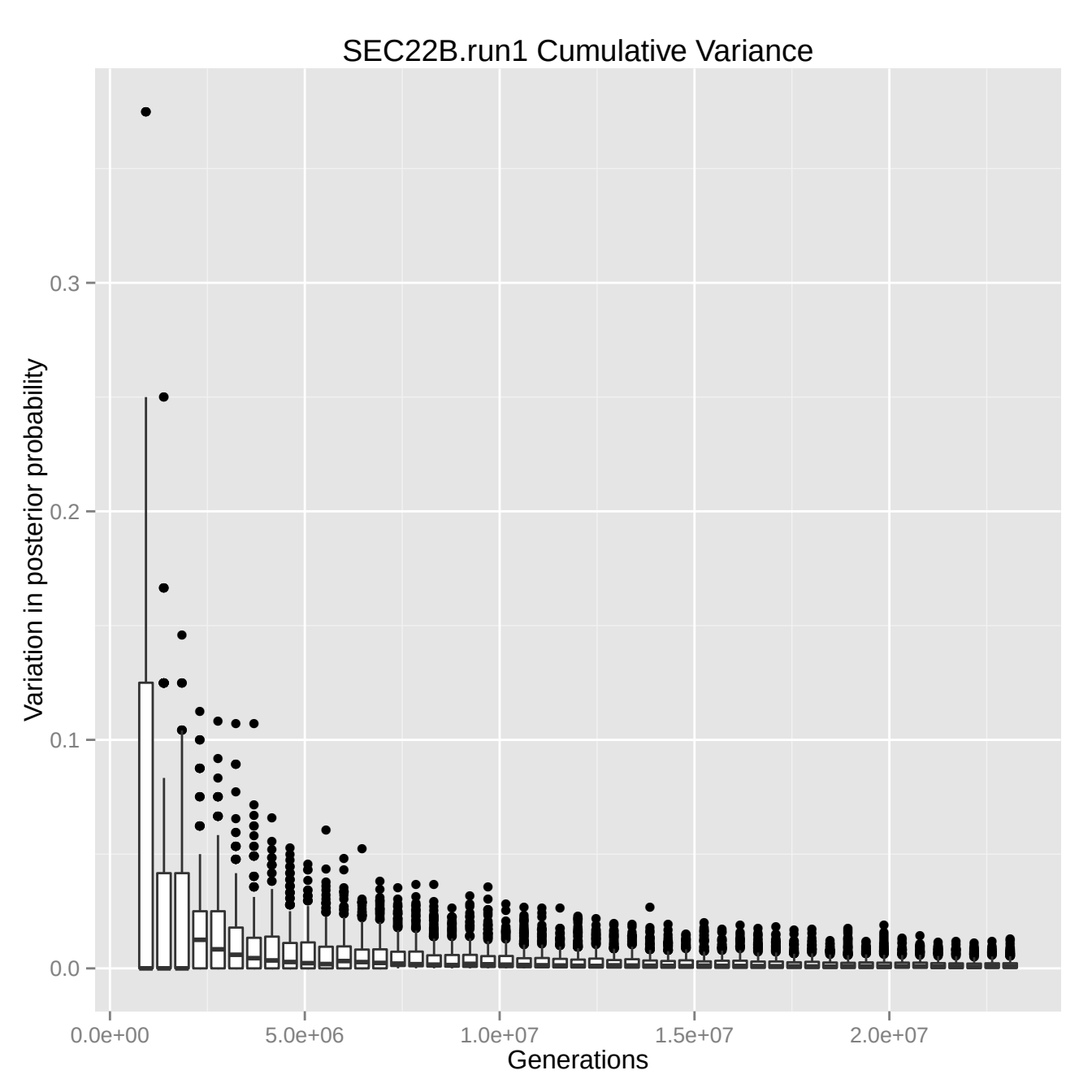

PDXDC1.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

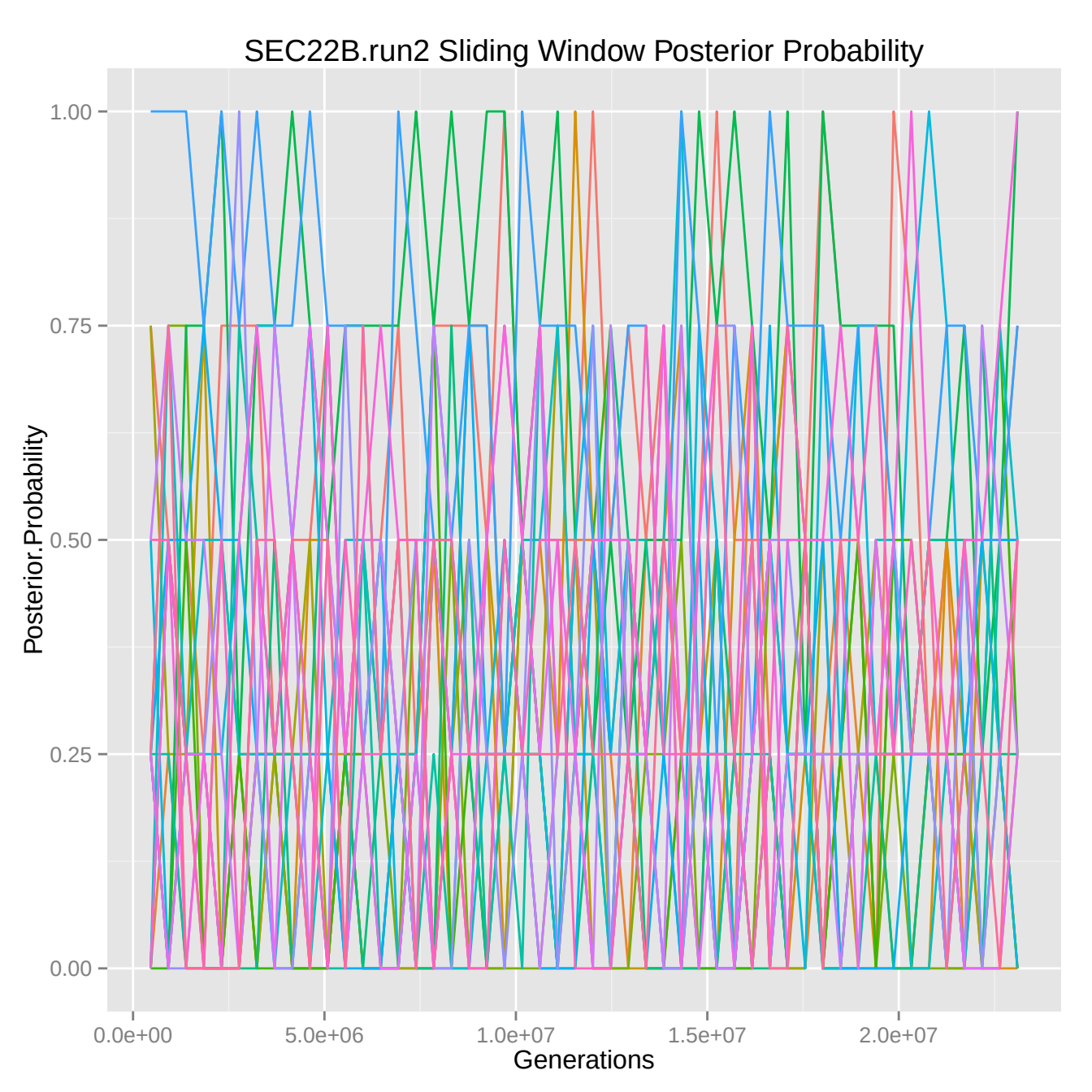

PDXDC1.run2 Cumulative Variance
Variation in posterior probability
0.25
0.20
0.15
0.10
0.05
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

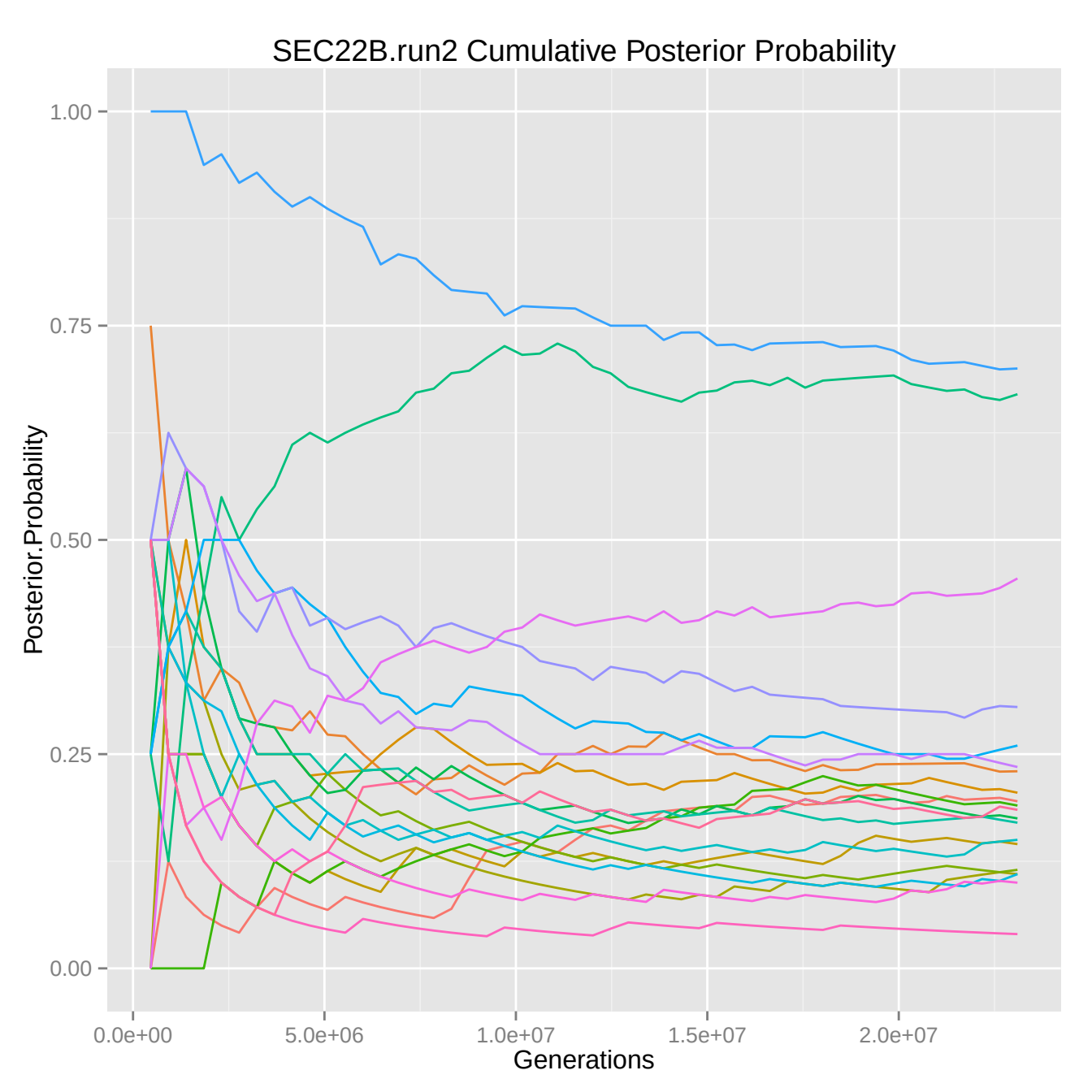

SEC22B.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

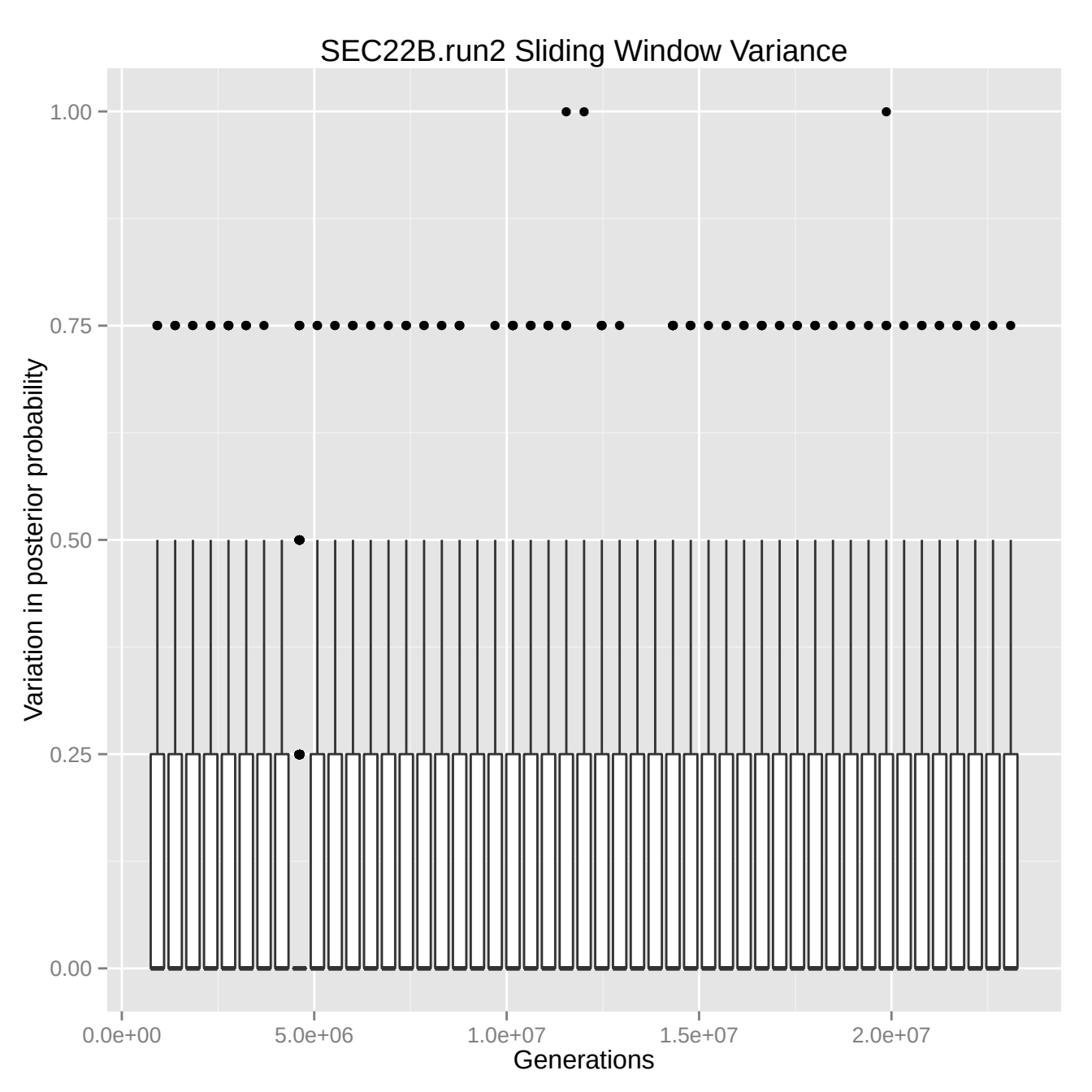

SEC22B.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

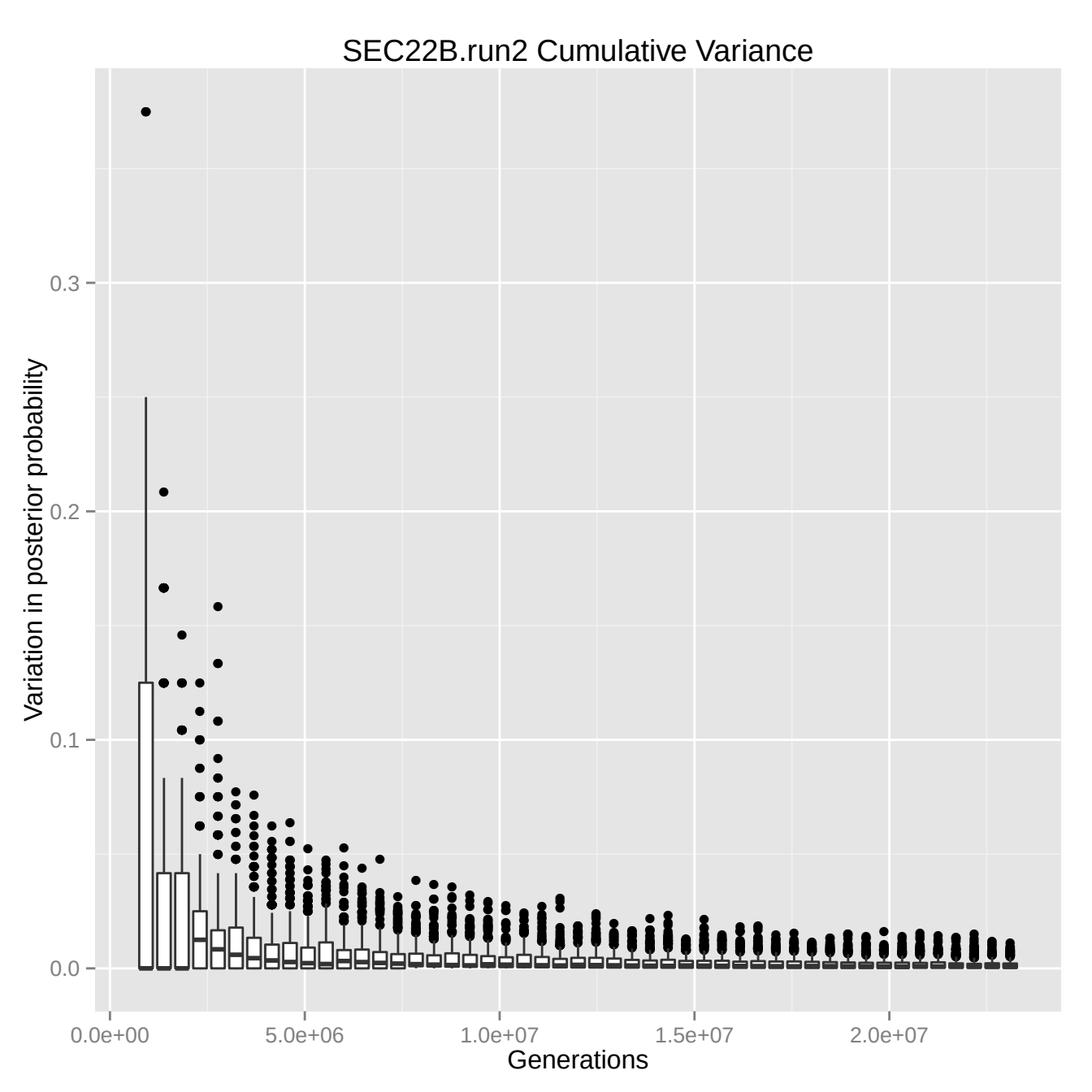

SEC22B.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

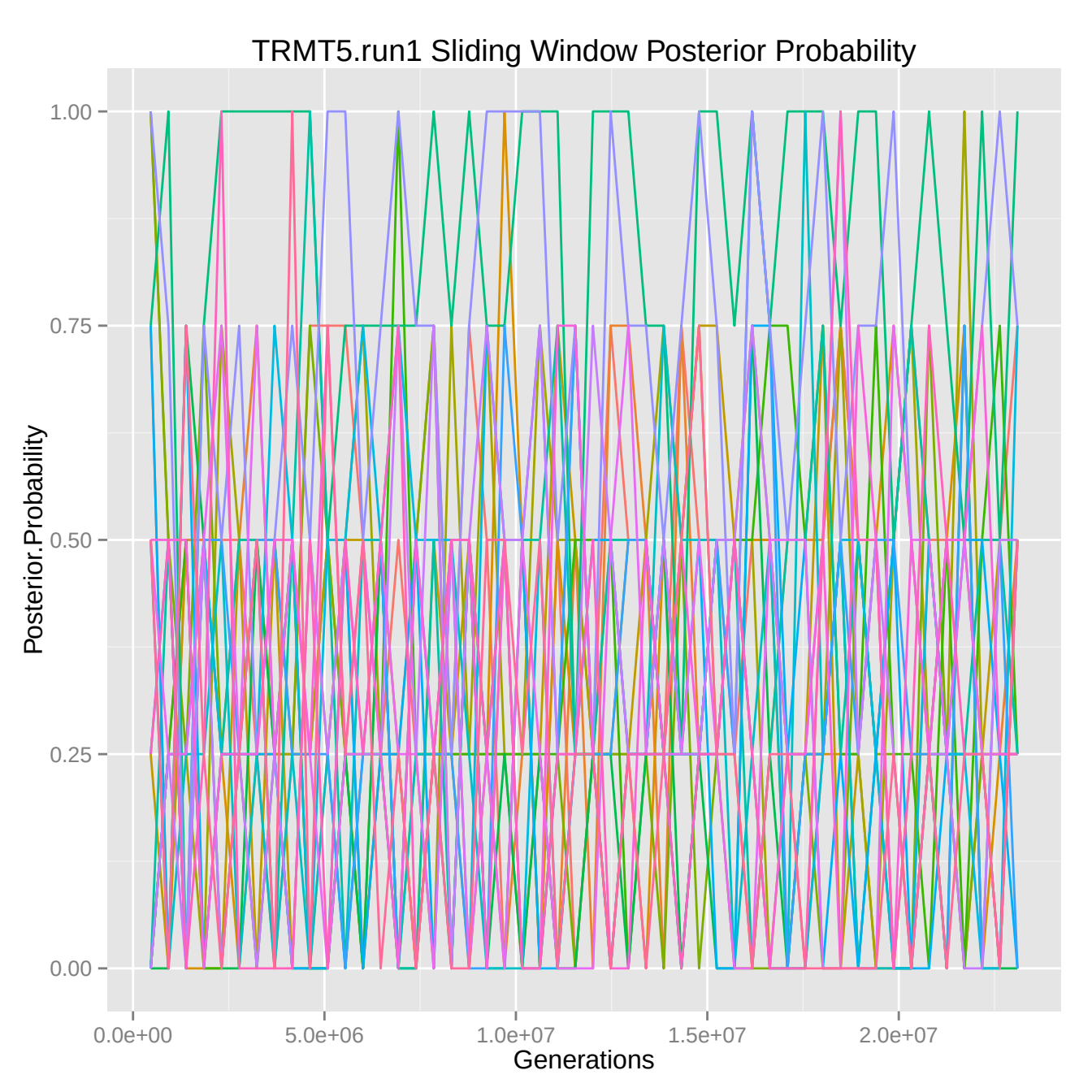

SEC22B.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

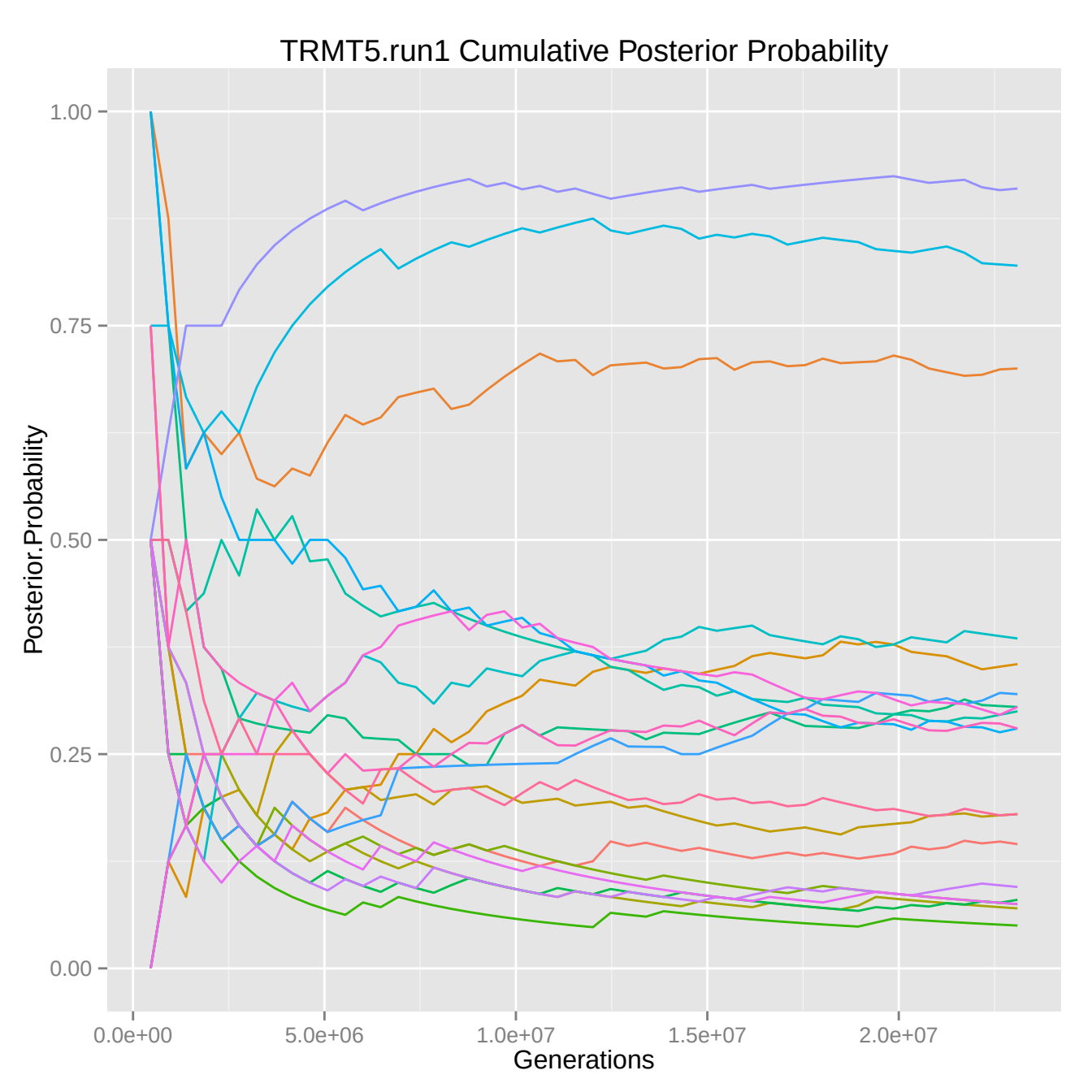

SEC22B.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

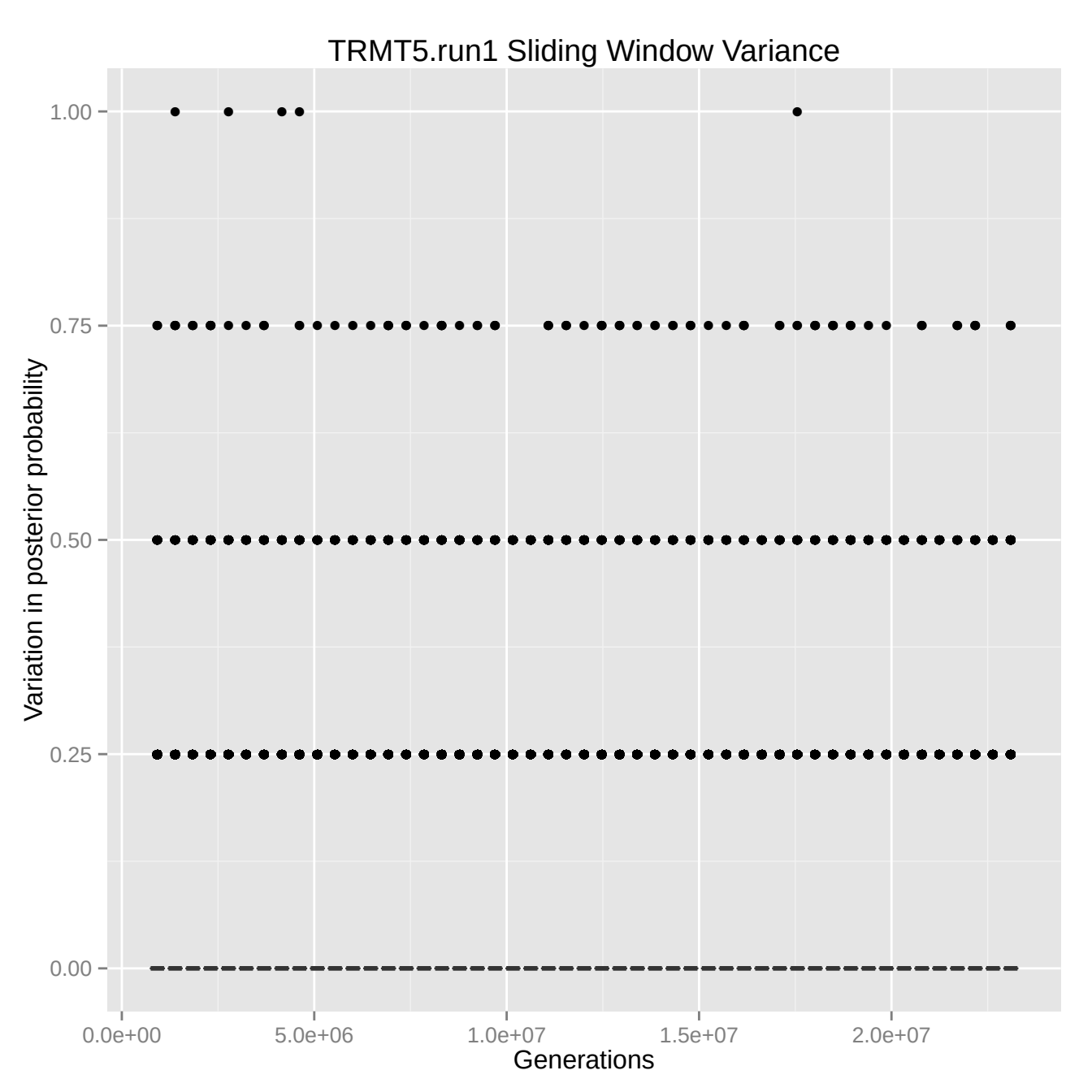

SEC22B.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

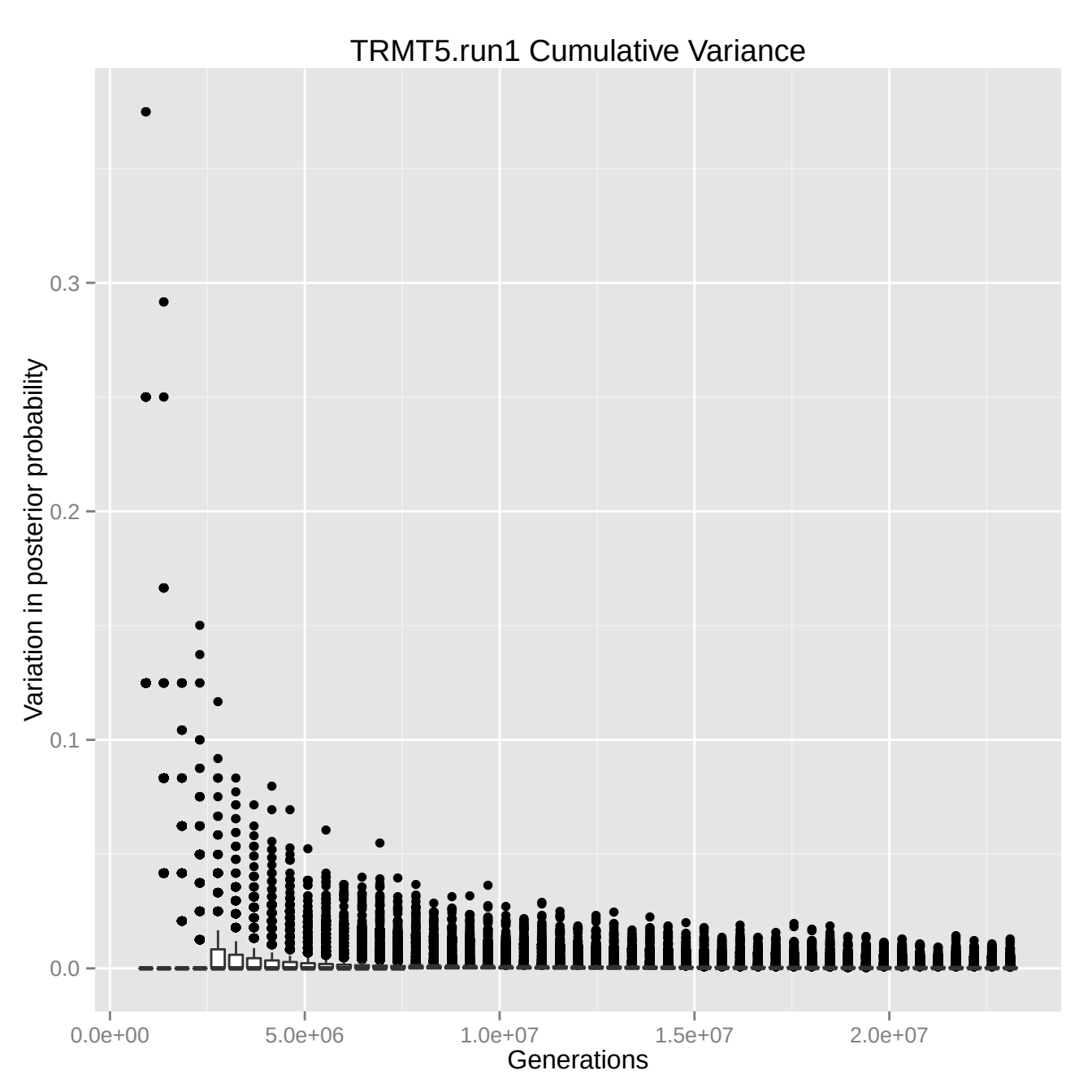

SEC22B.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

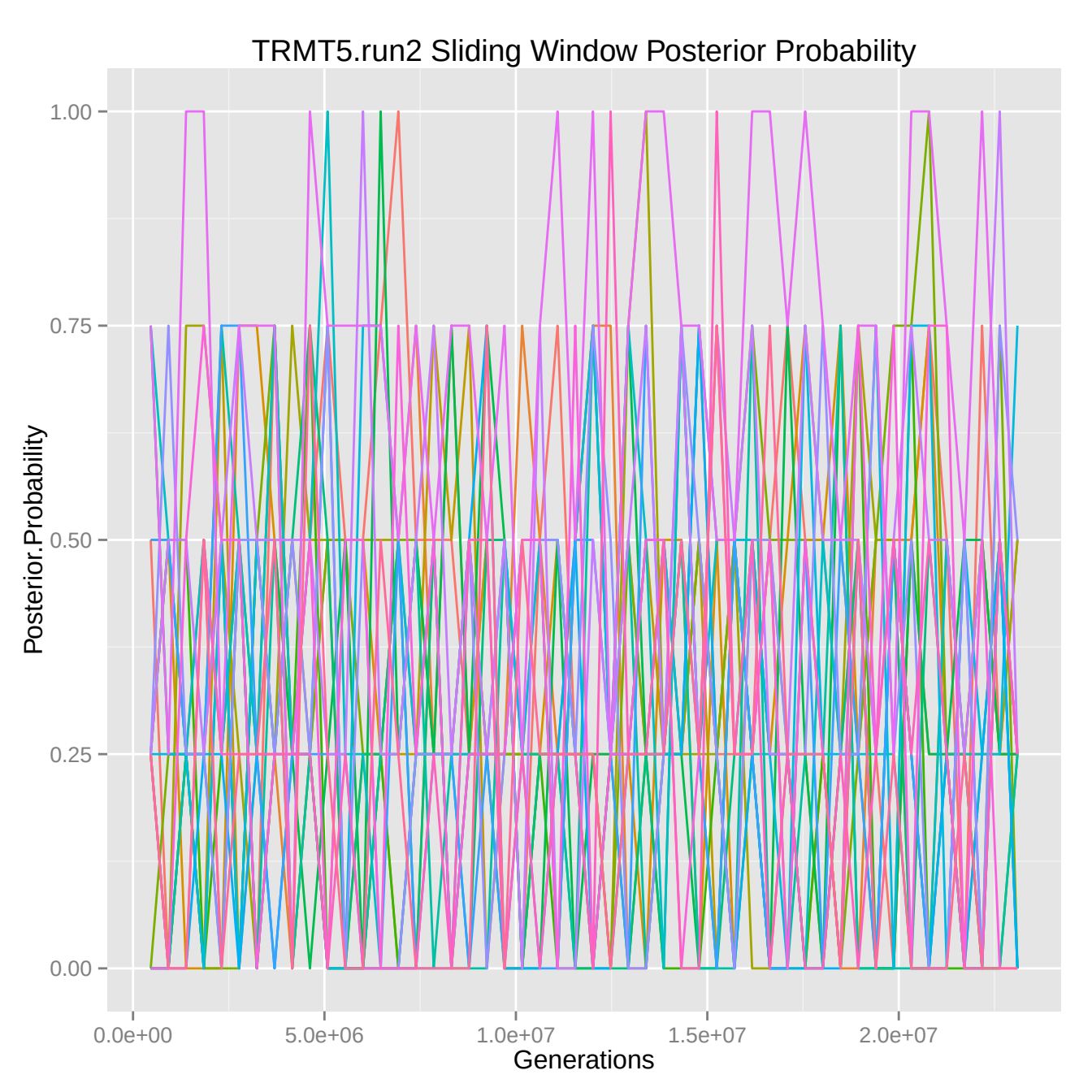

SEC22B.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

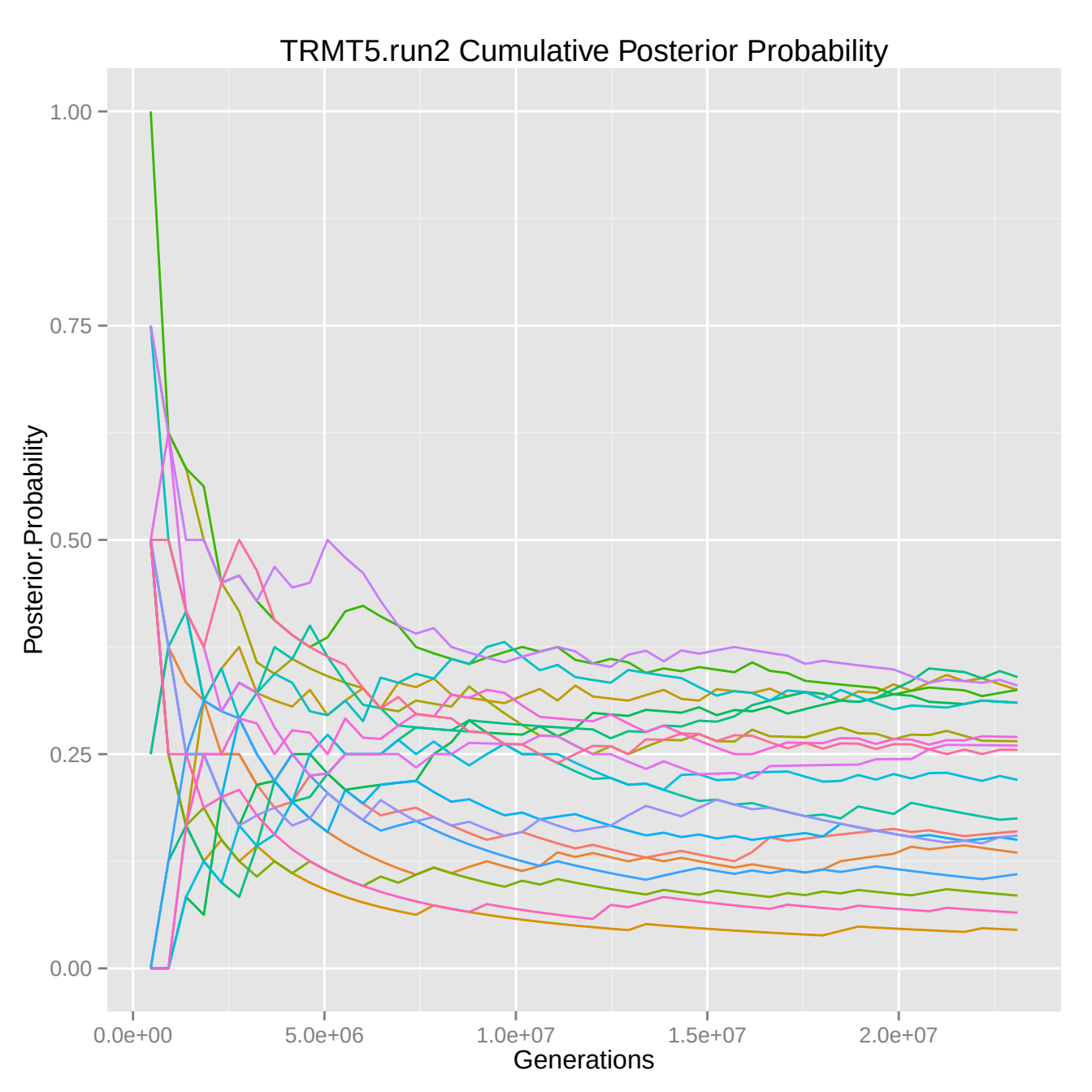

TRMT5.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

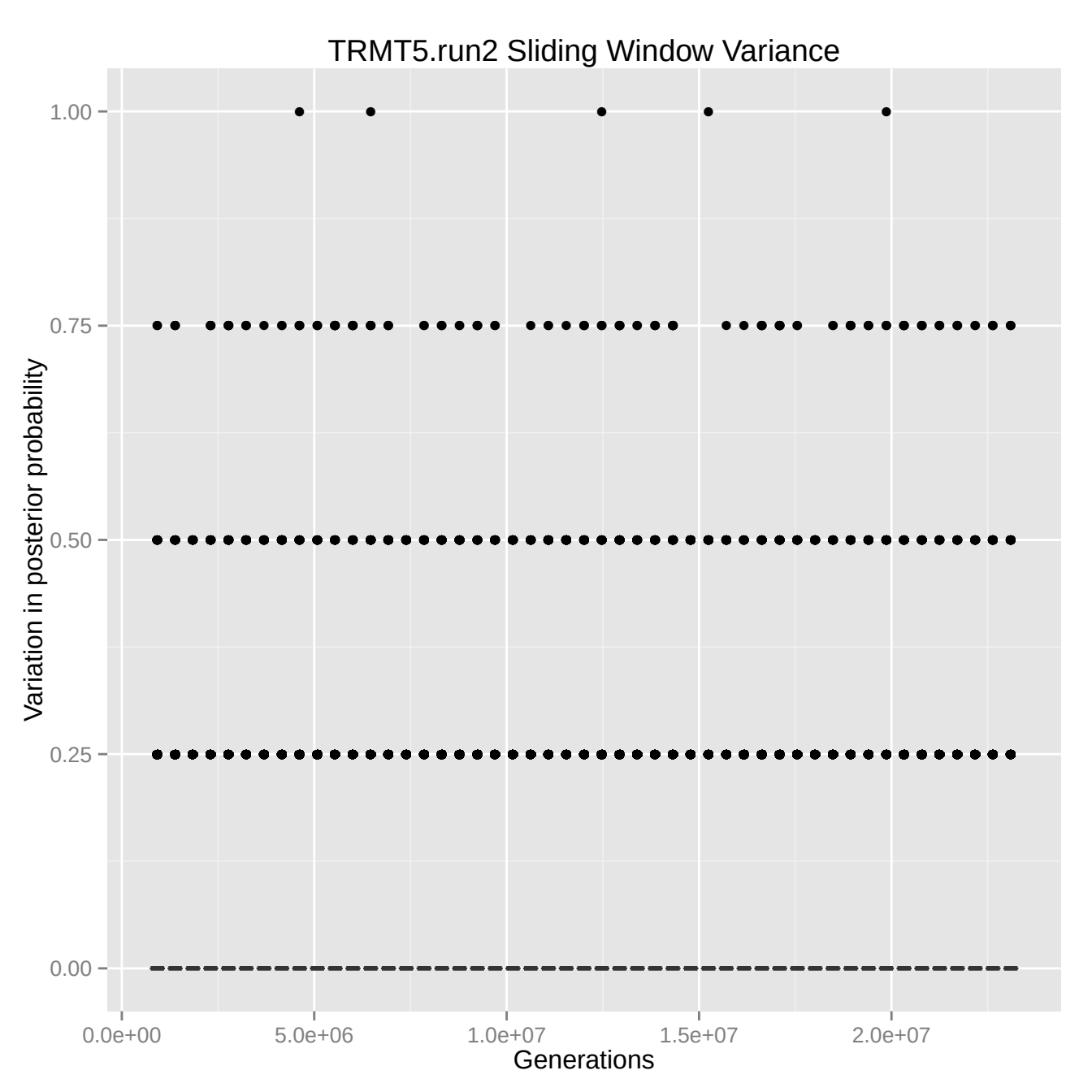

TRMT5.run1 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

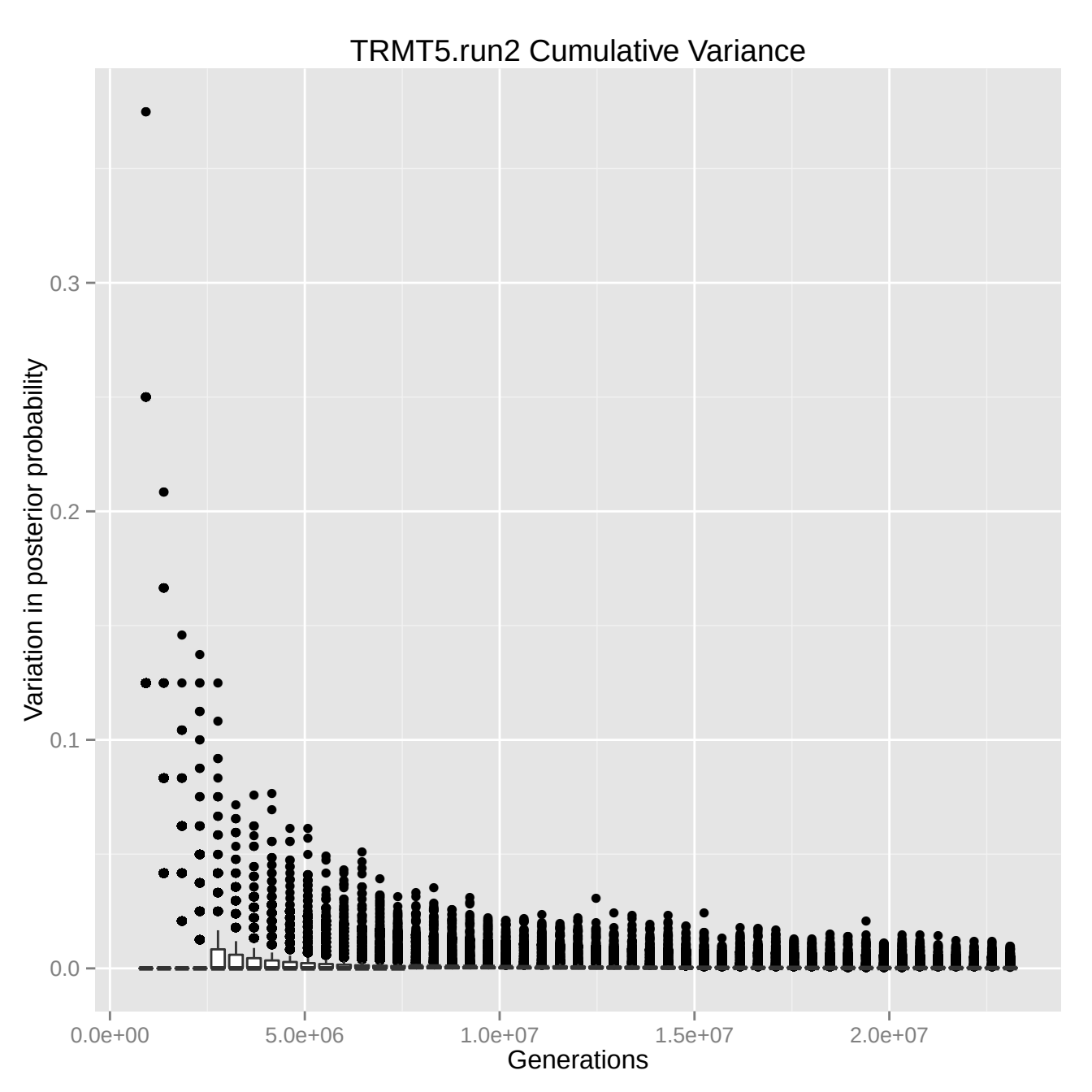

TRMT5.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

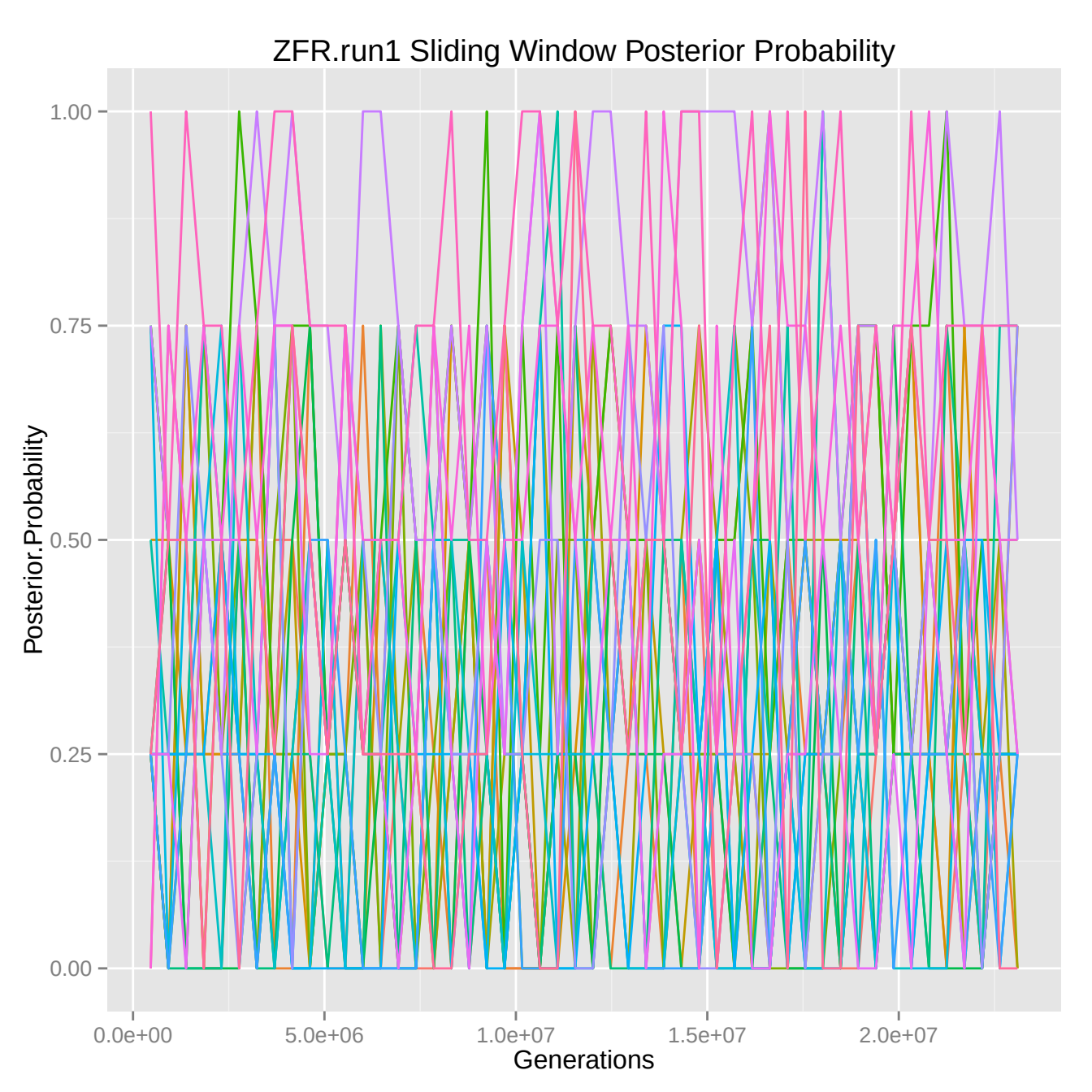

TRMT5.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

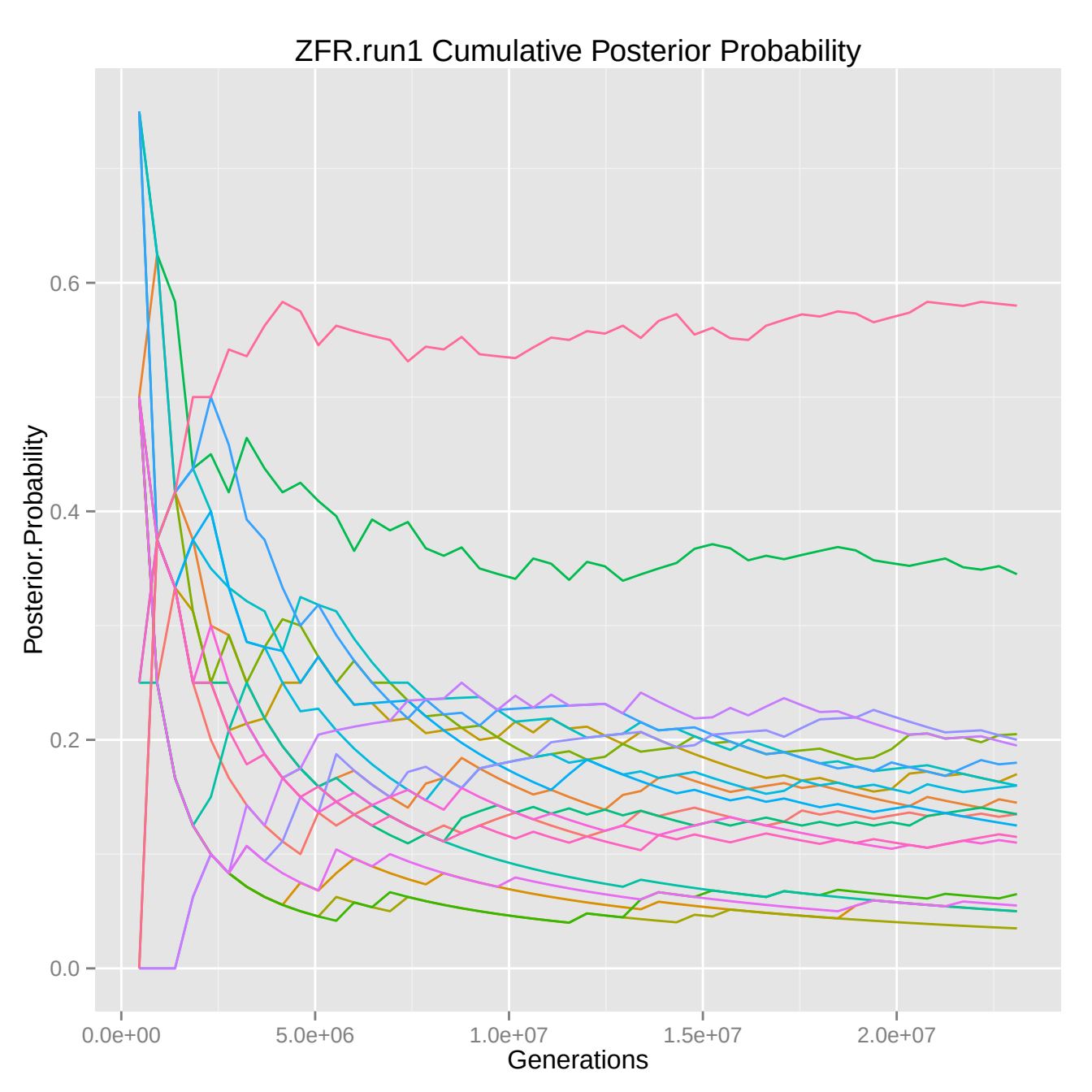

TRMT5.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

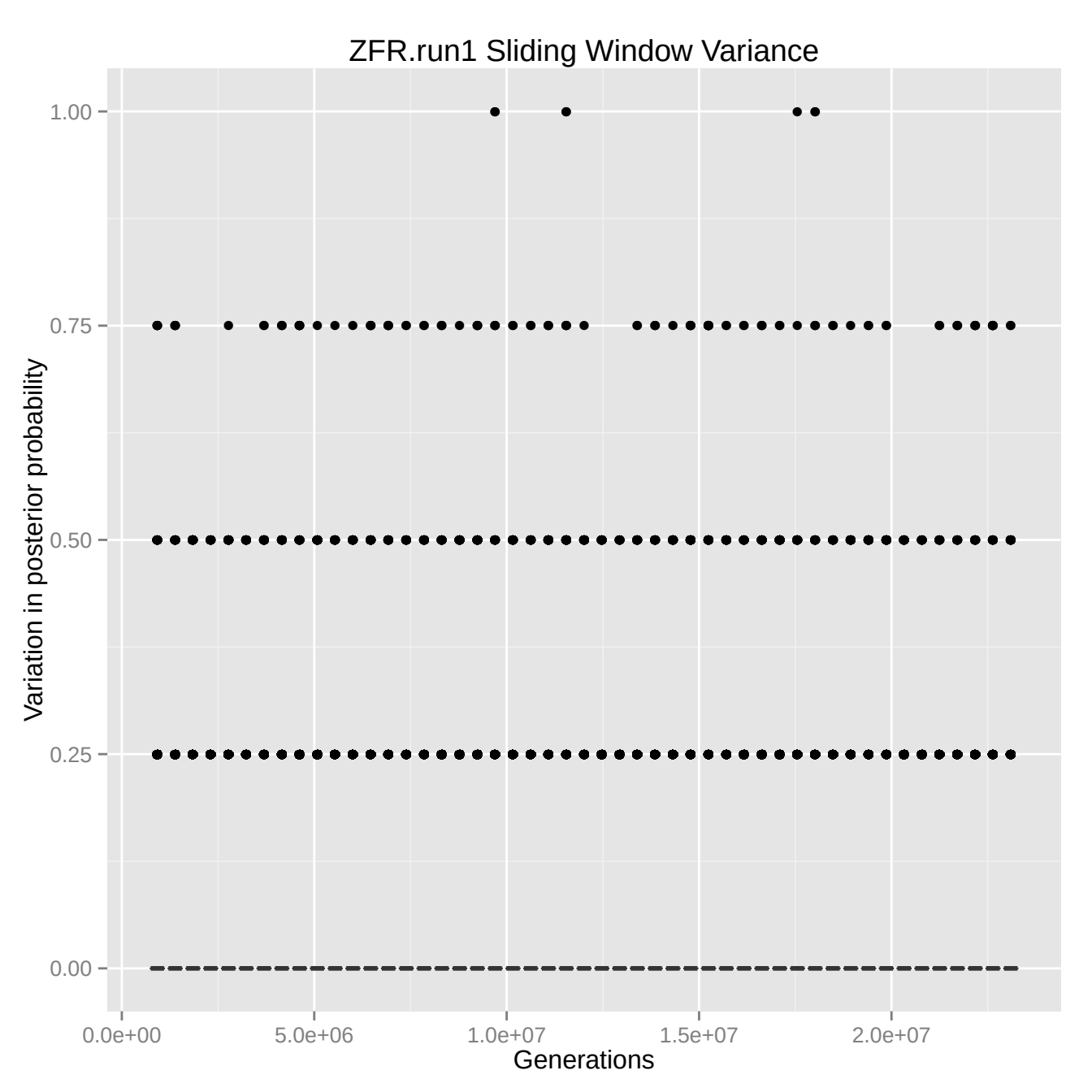

TRMT5.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

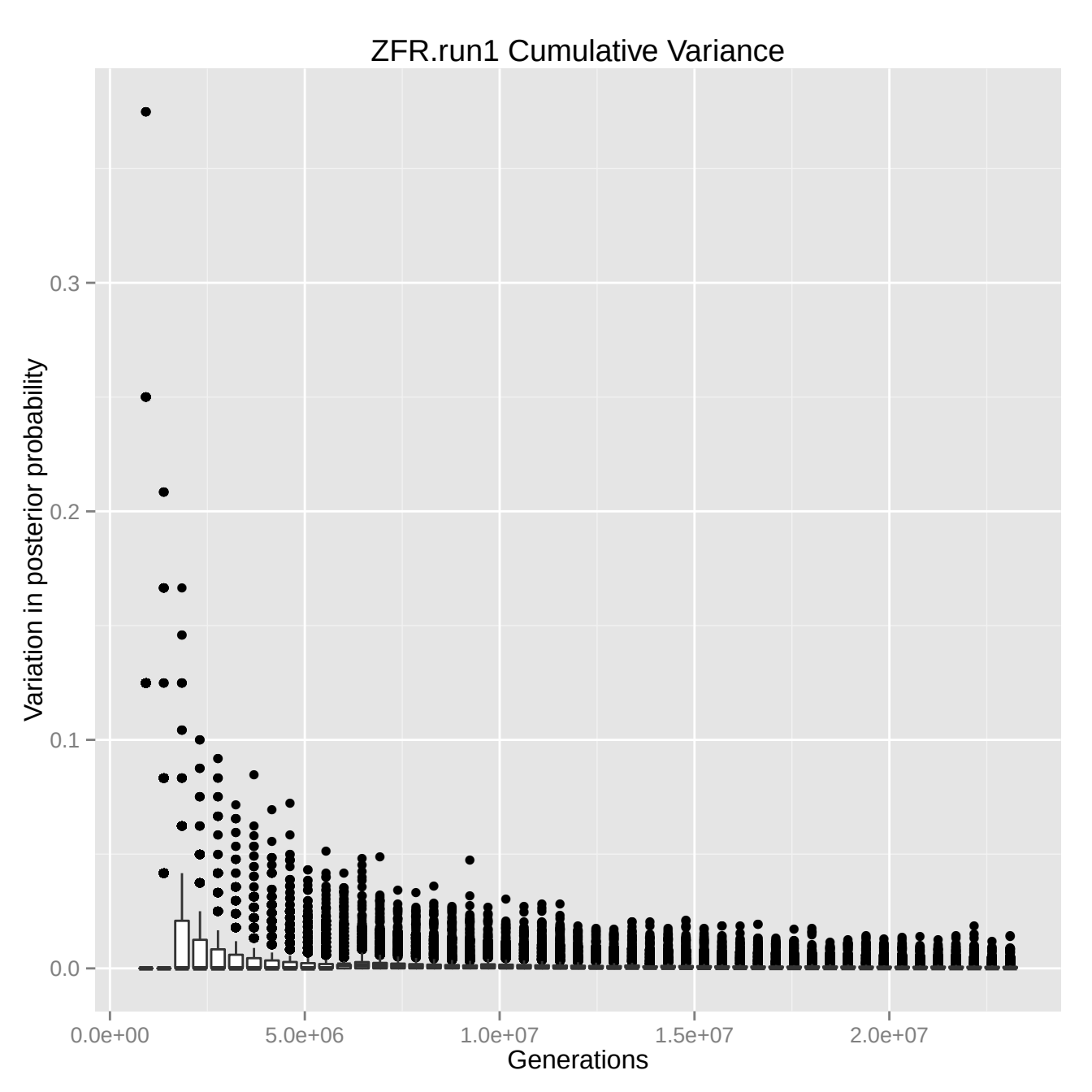

TRMT5.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

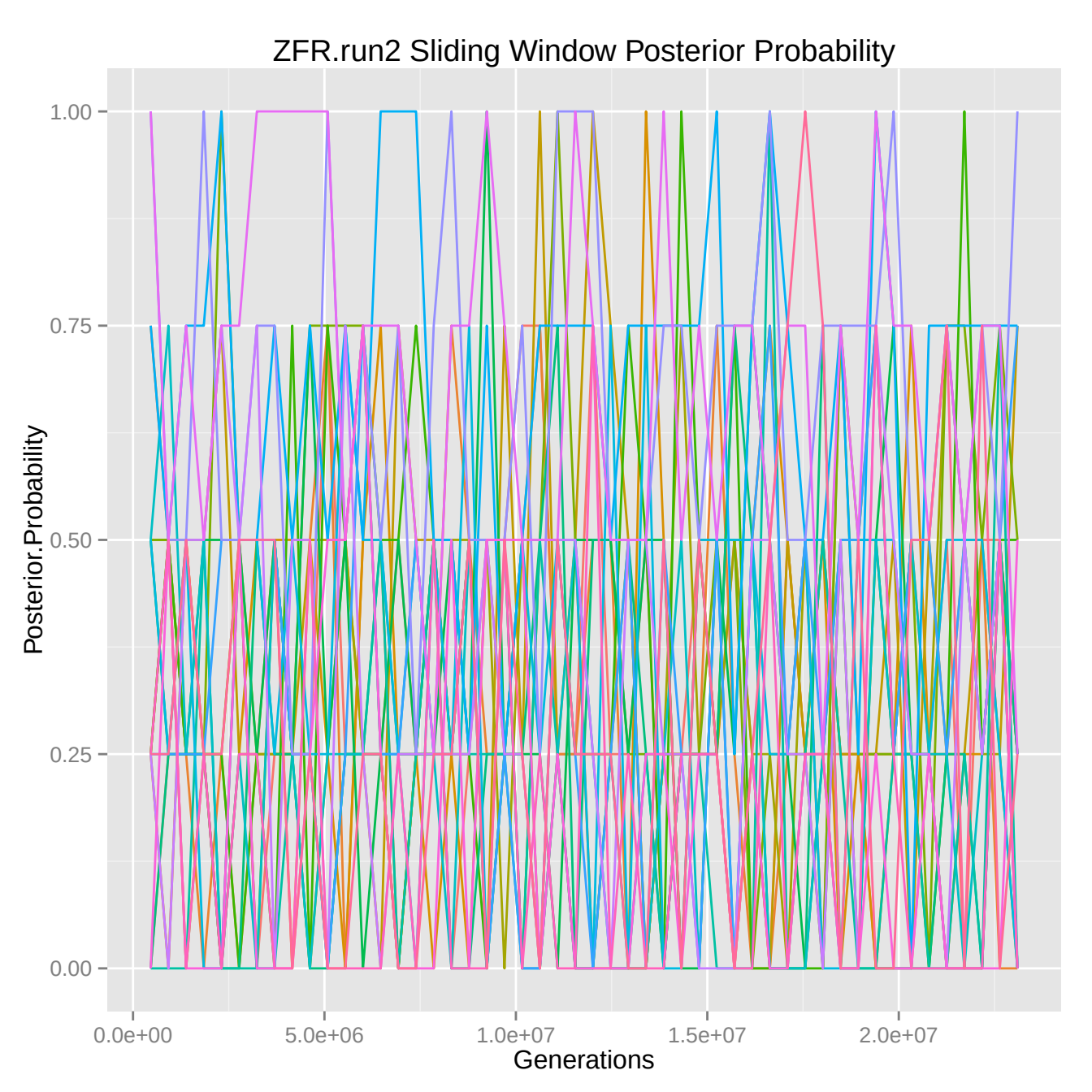

TRMT5.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

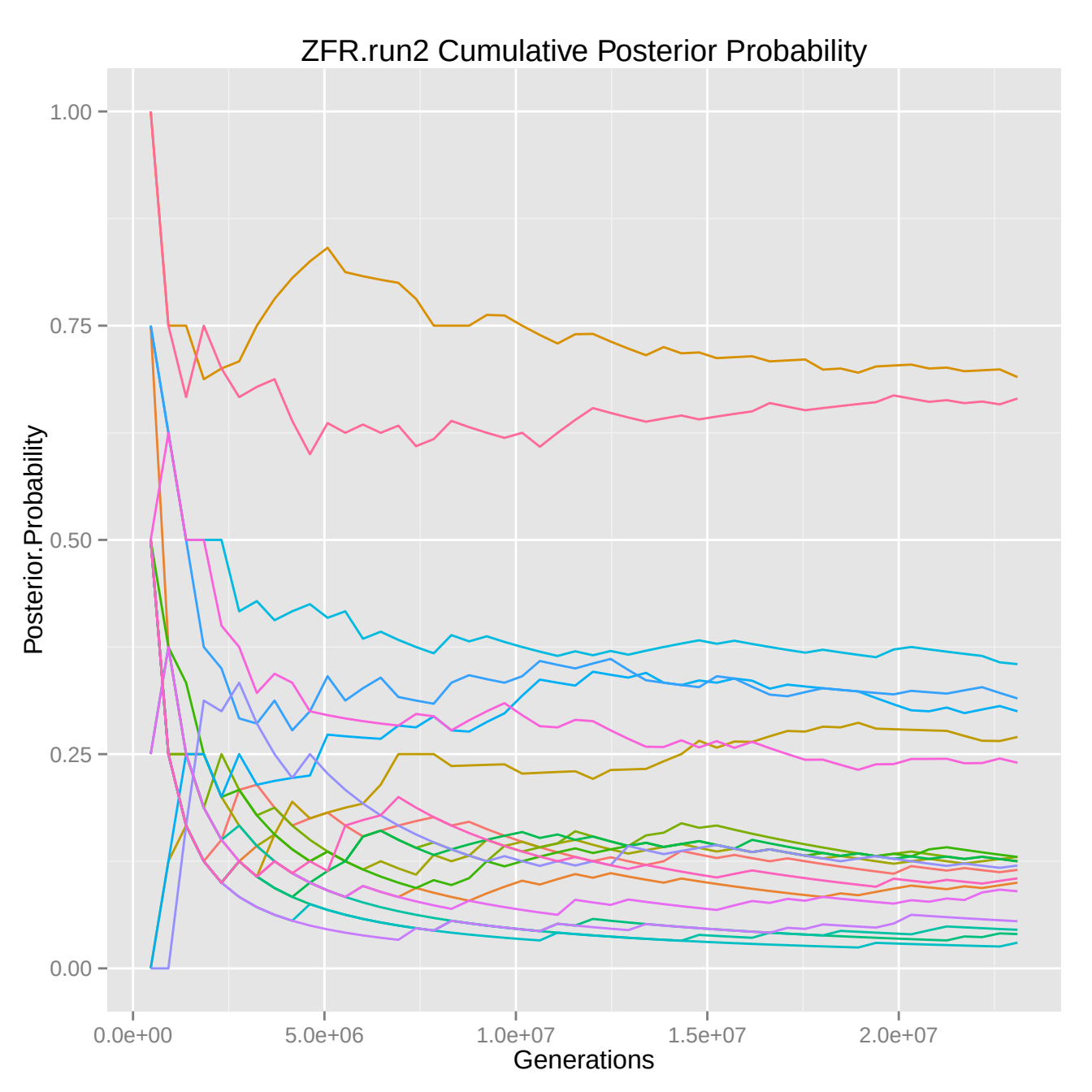

ZFR.run1 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

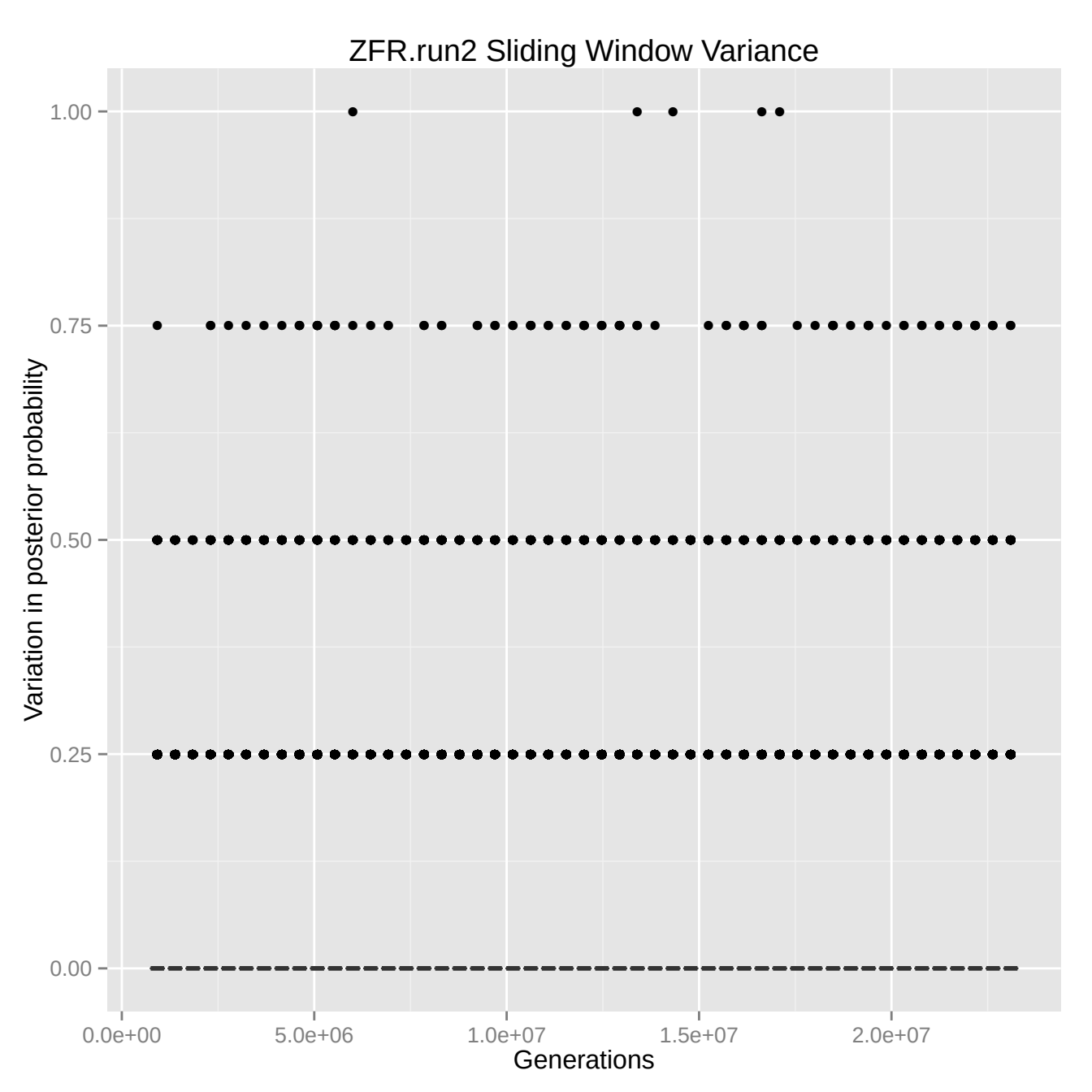

ZFR.run1 Cumulative Posterior Probability
Posterior.Probability
0.0
0.2
0.4
0.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

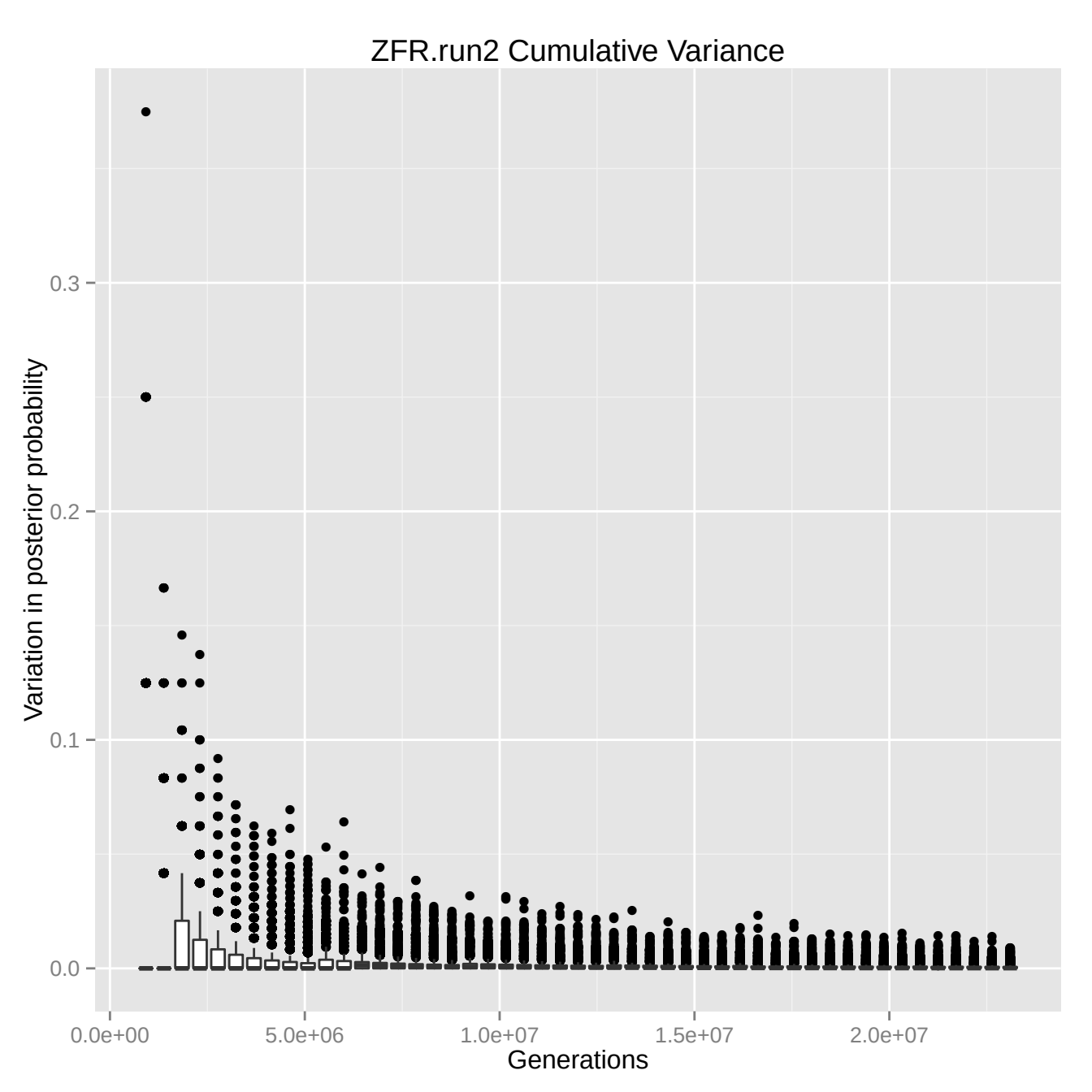

ZFR.run1 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

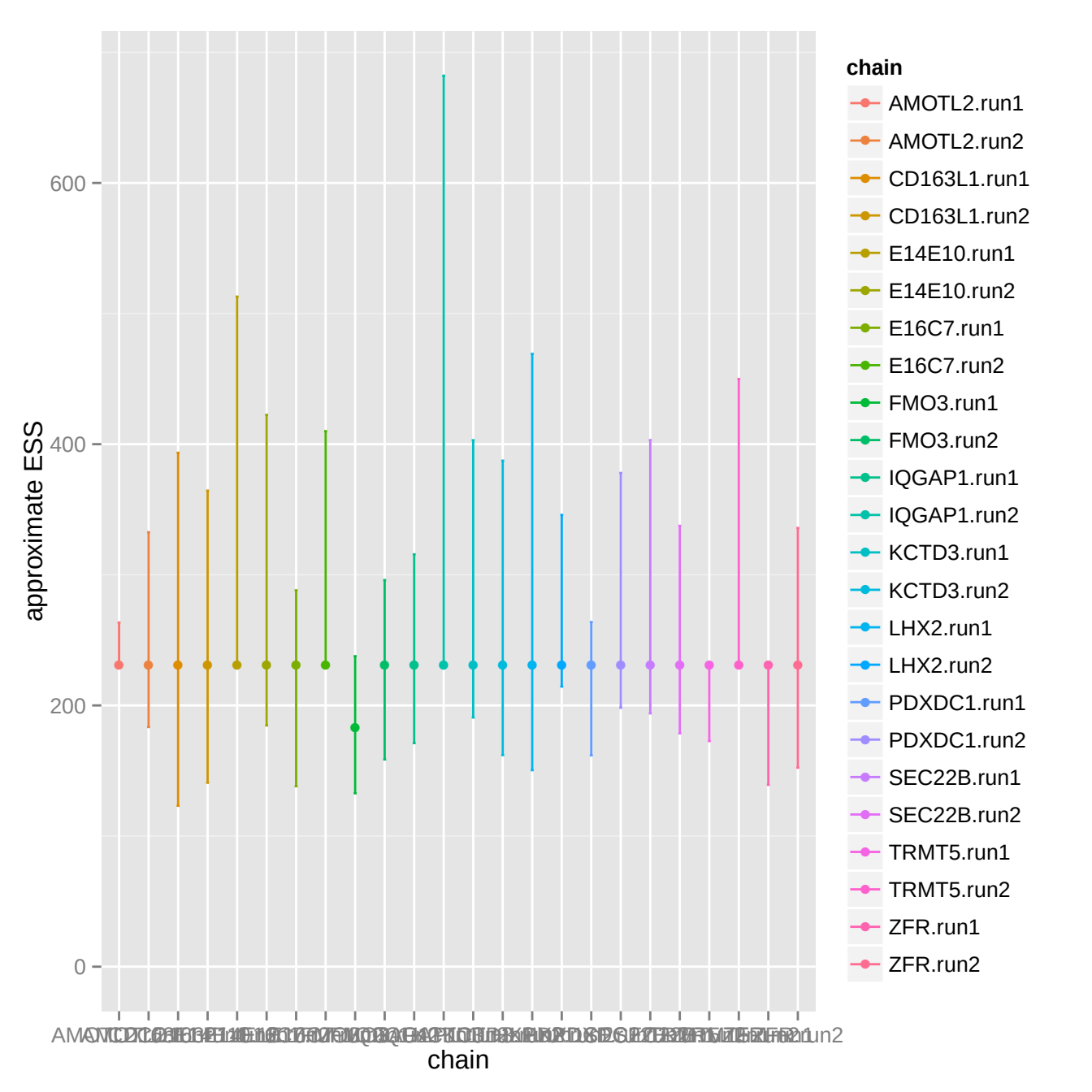

ZFR.run1 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

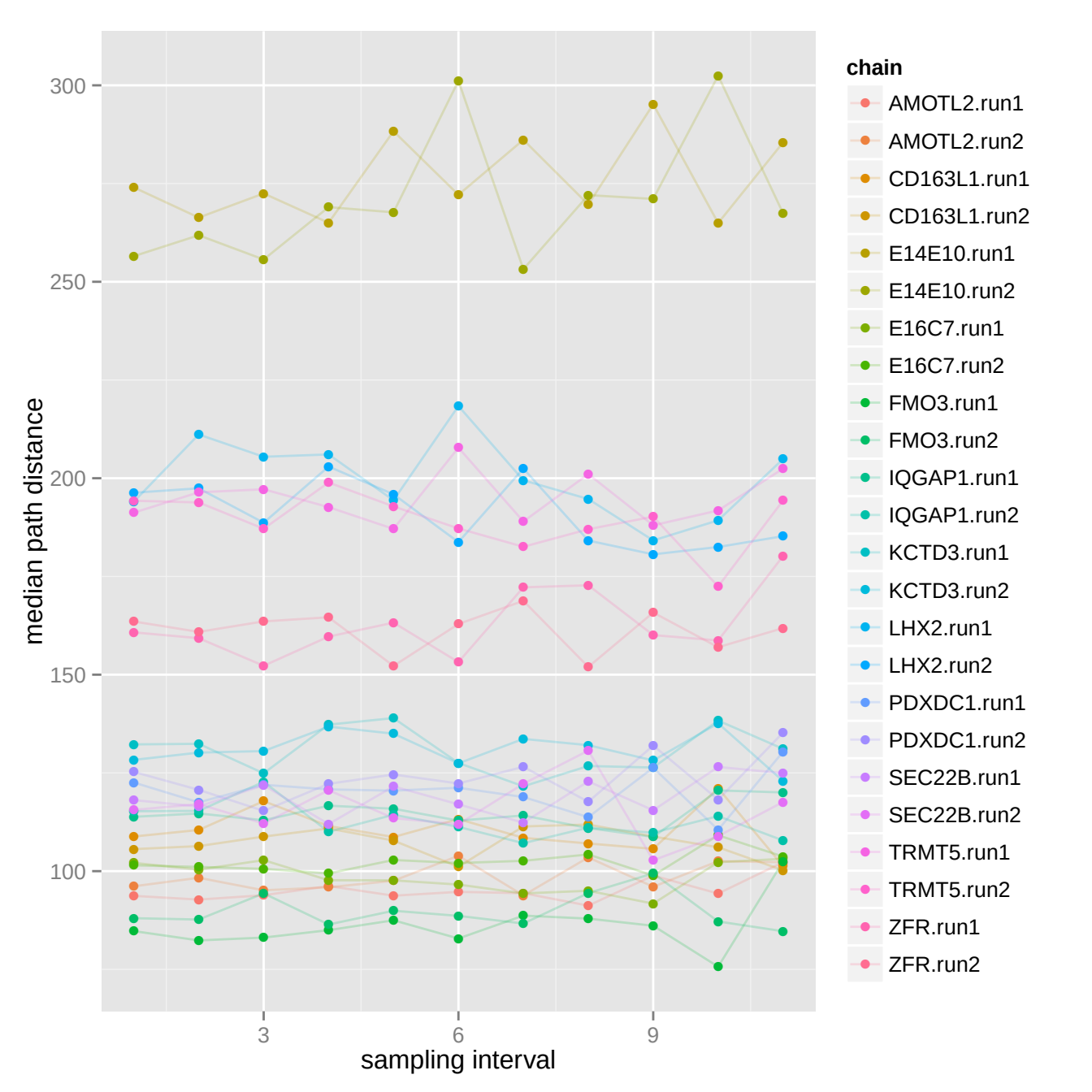

ZFR.run2 Sliding Window Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

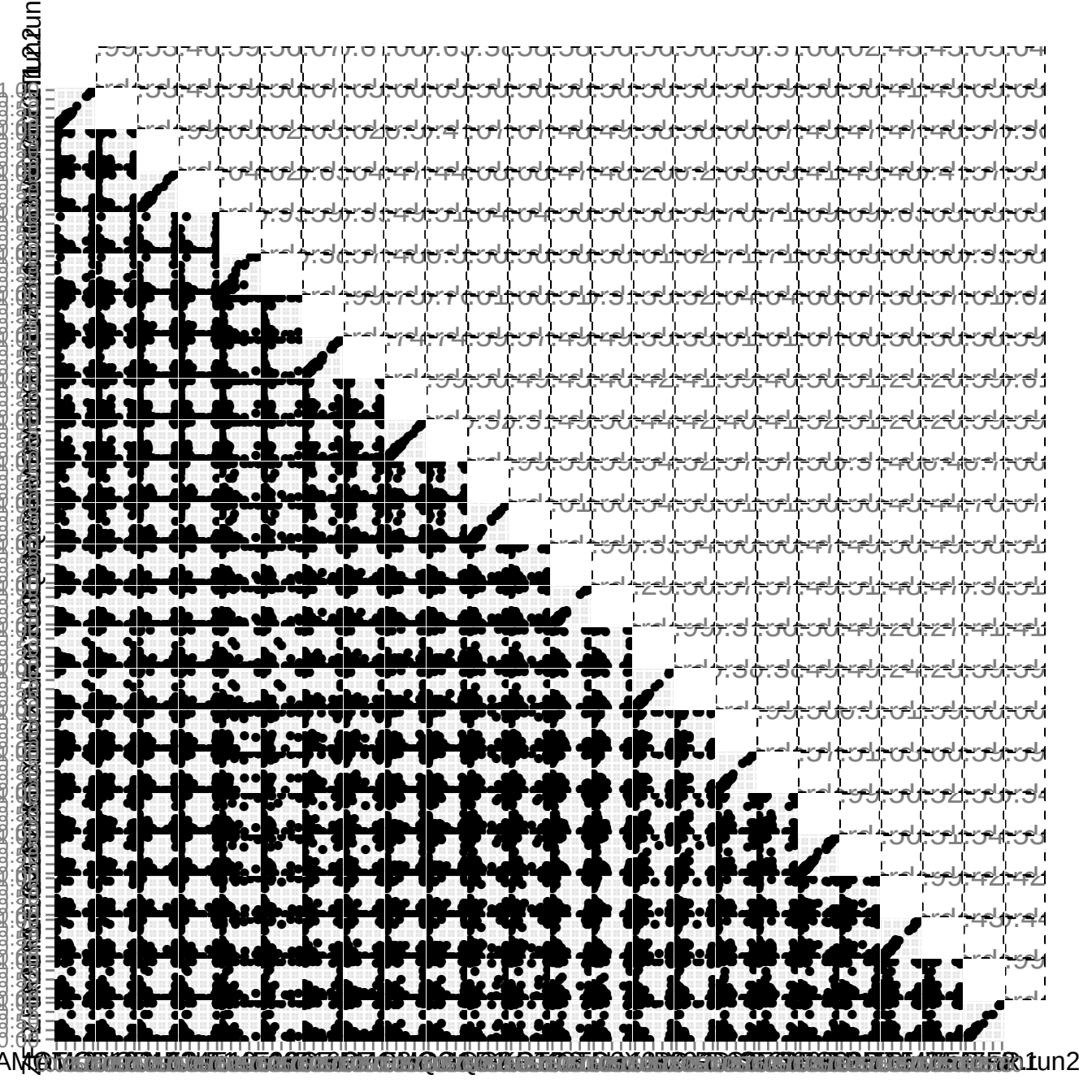

ZFR.run2 Cumulative Posterior Probability
Posterior.Probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations

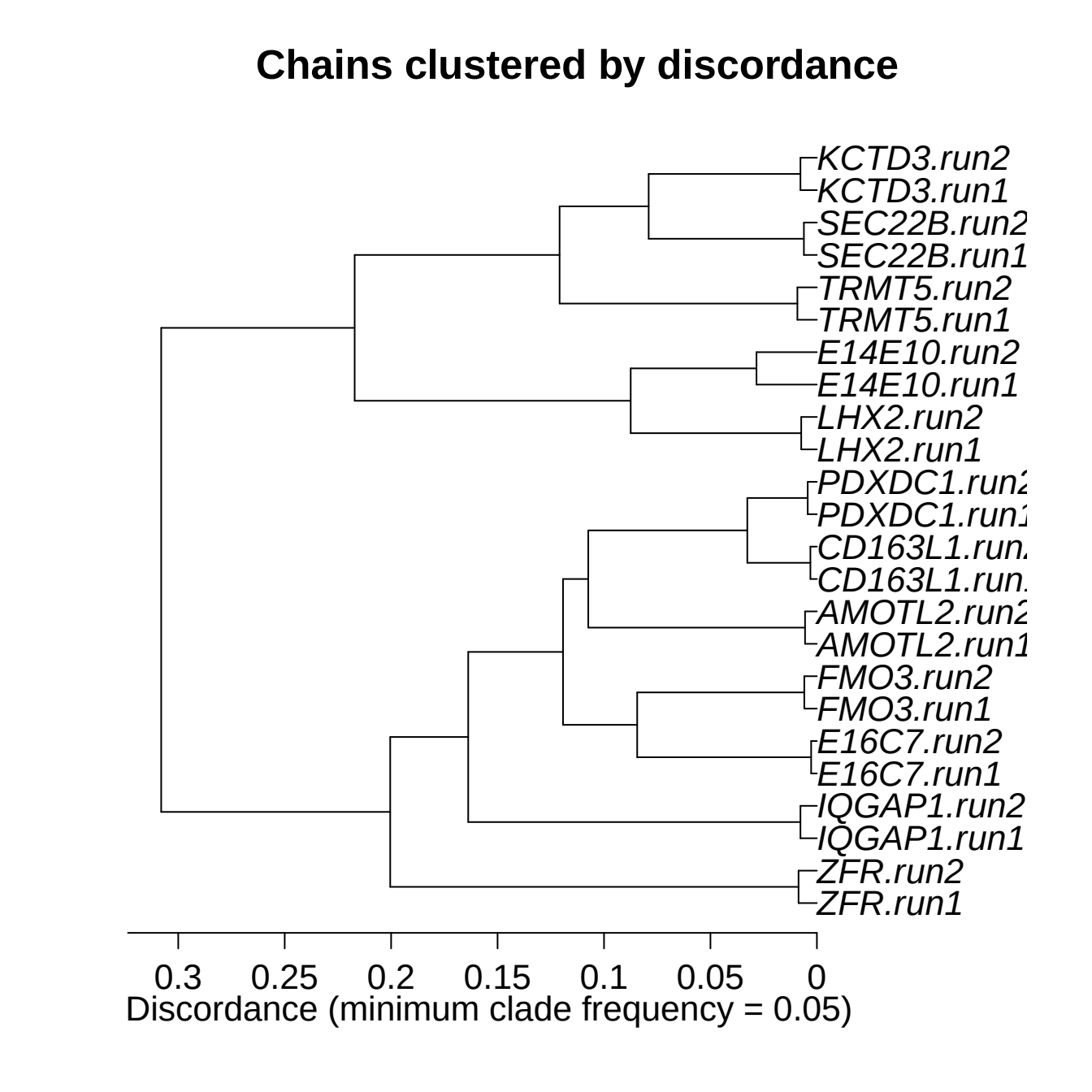

ZFR.run2 Sliding Window Variance
Variation in posterior probability
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations


ZFR.run2 Cumulative Variance
Variation in posterior probability
0.3
0.2
0.1
0.0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
Generations


approximate ESS
600
400
200
0
chain
AMOTL2.run1
AMOTL2.run2
CD163L1.run1
CD163L1.run2
E14E10.run1
E14E10.run2
E16C7.run1
E16C7.run2
FMO3.run1
FMO3.run2
IQGAP1.run1
IQGAP1.run2
KCTD3.run1
KCTD3.run2
LHX2.run1
LHX2.run2
PDXDC1.run1
PDXDC1.run2
SEC22B.run1
SEC22B.run2
TRMT5.run1
TRMT5.run2
ZFR.run1
ZFR.run2


median path distance
300
250
200
150
100
3
6
9
sampling interval
chain
AMOTL2.run1
AMOTL2.run2
CD163L1.run1
CD163L1.run2
E14E10.run1
E14E10.run2
E16C7.run1
E16C7.run2
FMO3.run1
FMO3.run2
IQGAP1.run1
IQGAP1.run2
KCTD3.run1
KCTD3.run2
LHX2.run1
LHX2.run2
PDXDC1.run1
PDXDC1.run2
SEC22B.run1
SEC22B.run2
TRMT5.run1
TRMT5.run2
ZFR.run1
ZFR.run2




Chains clustered by discordance
KCTD3.run2
KCTD3.run1
SEC22B.run2
SEC22B.run1
TRMT5.run2
TRMT5.run1
E14E10.run2
E14E10.run1
LHX2.run2
LHX2.run1
PDXDC1.run2
PDXDC1.run1
CD163L1.run2
CD163L1.run1
AMOTL2.run2
AMOTL2.run1
FMO3.run2
FMO3.run1
E16C7.run2
E16C7.run1
IQGAP1.run2
IQGAP1.run1
ZFR.run2
ZFR.run1
0.3
0.25
0.2
0.15
0.1
0.05
0
Discordance (minimum clade frequency = 0.05)