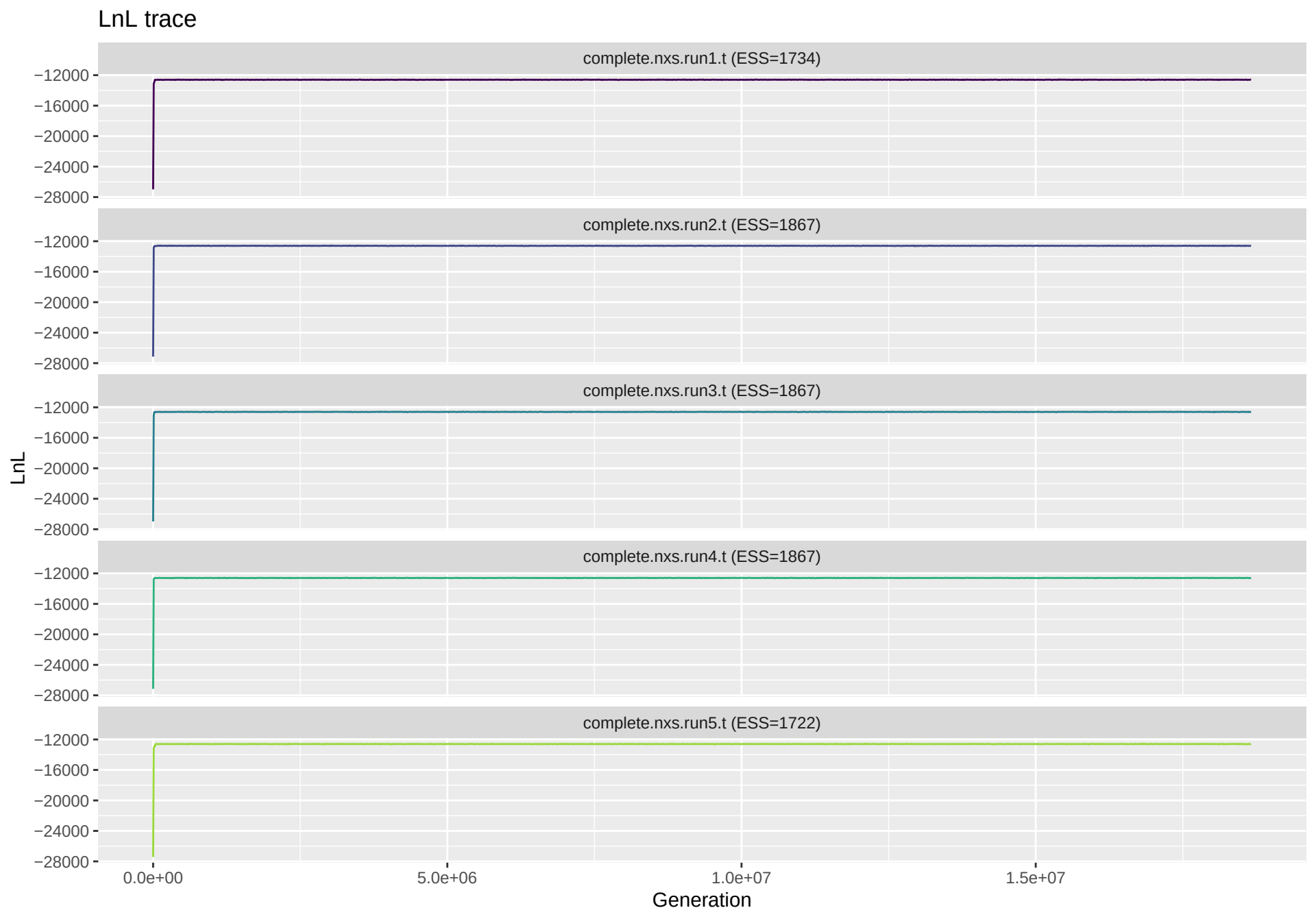
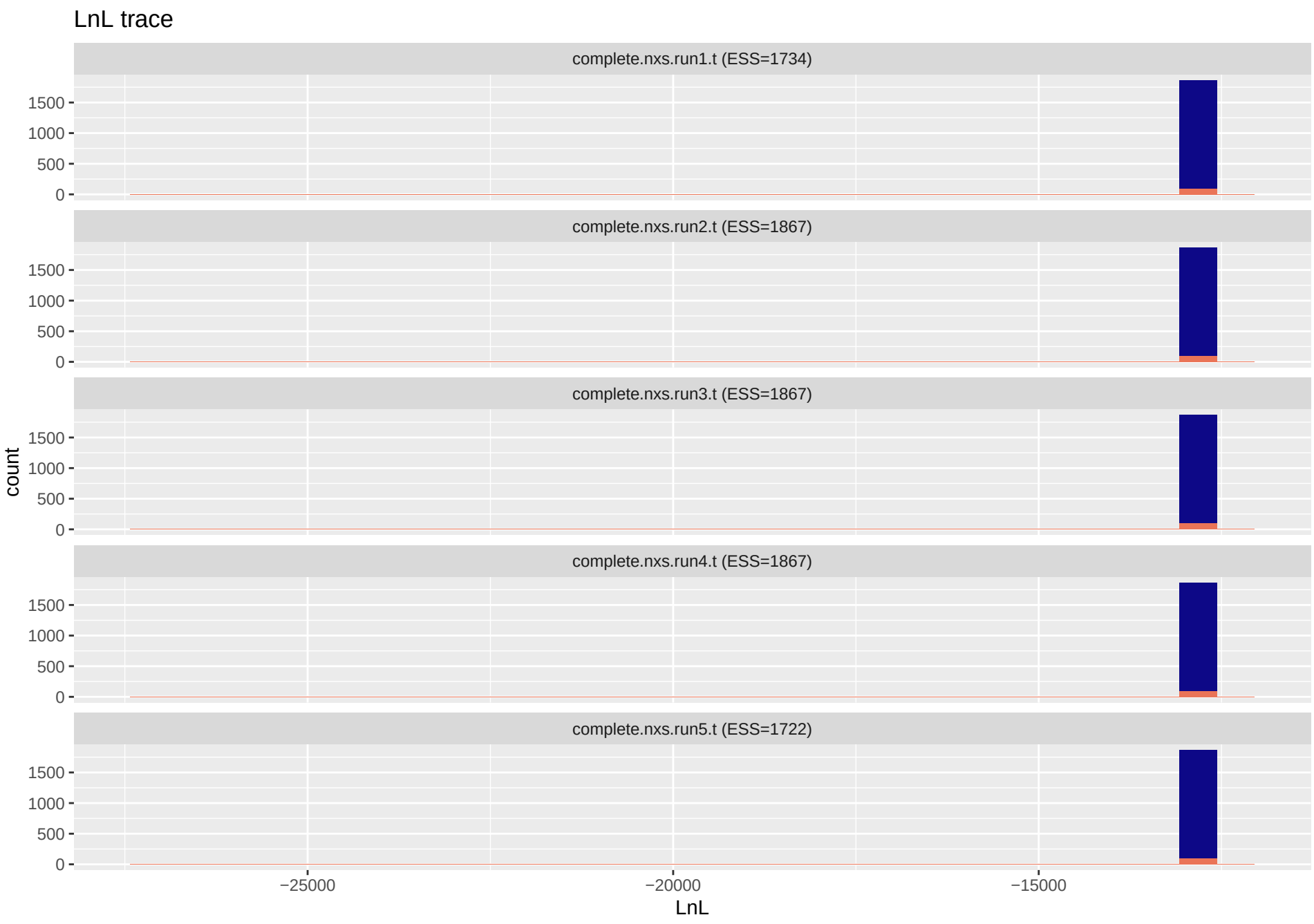
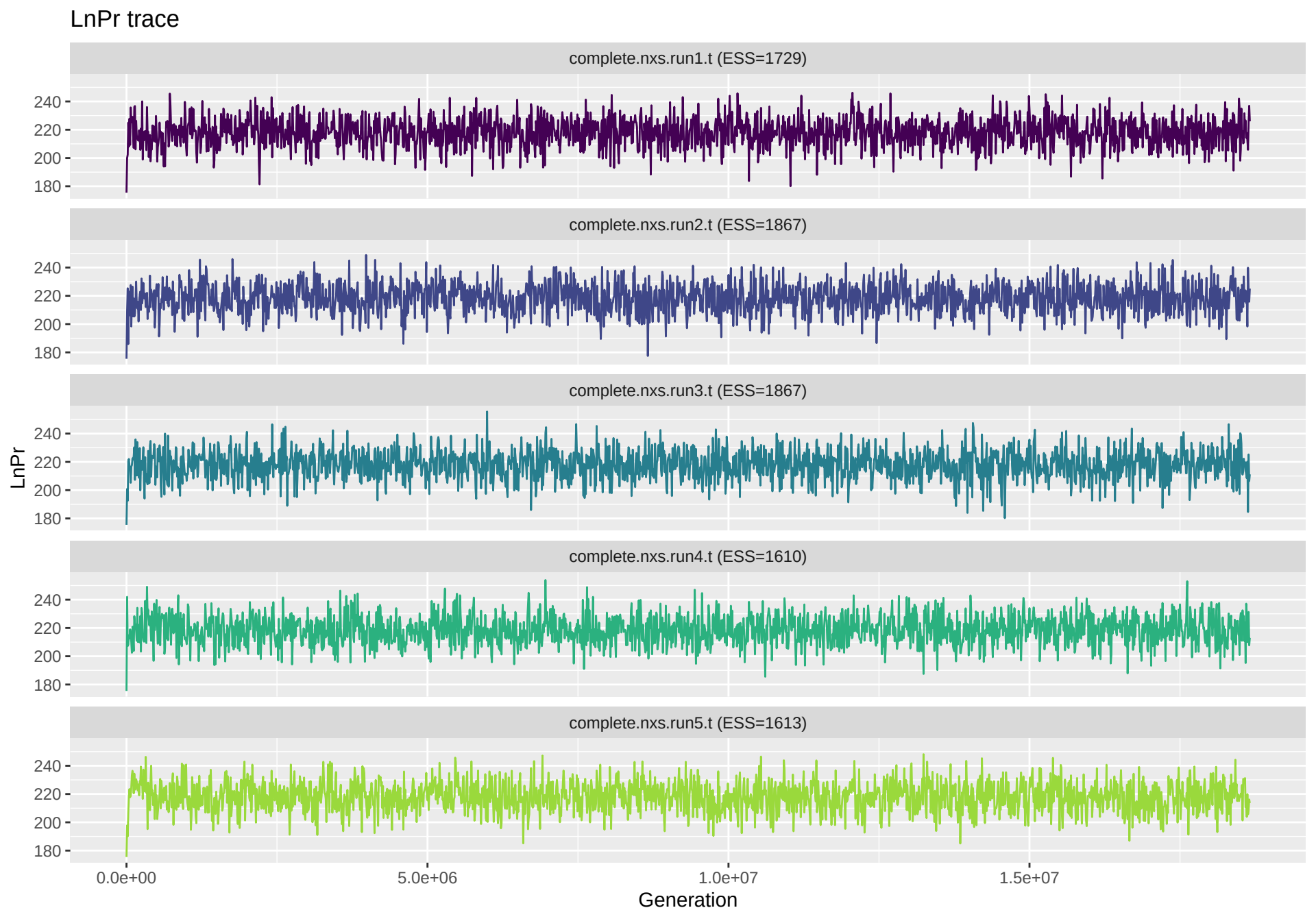
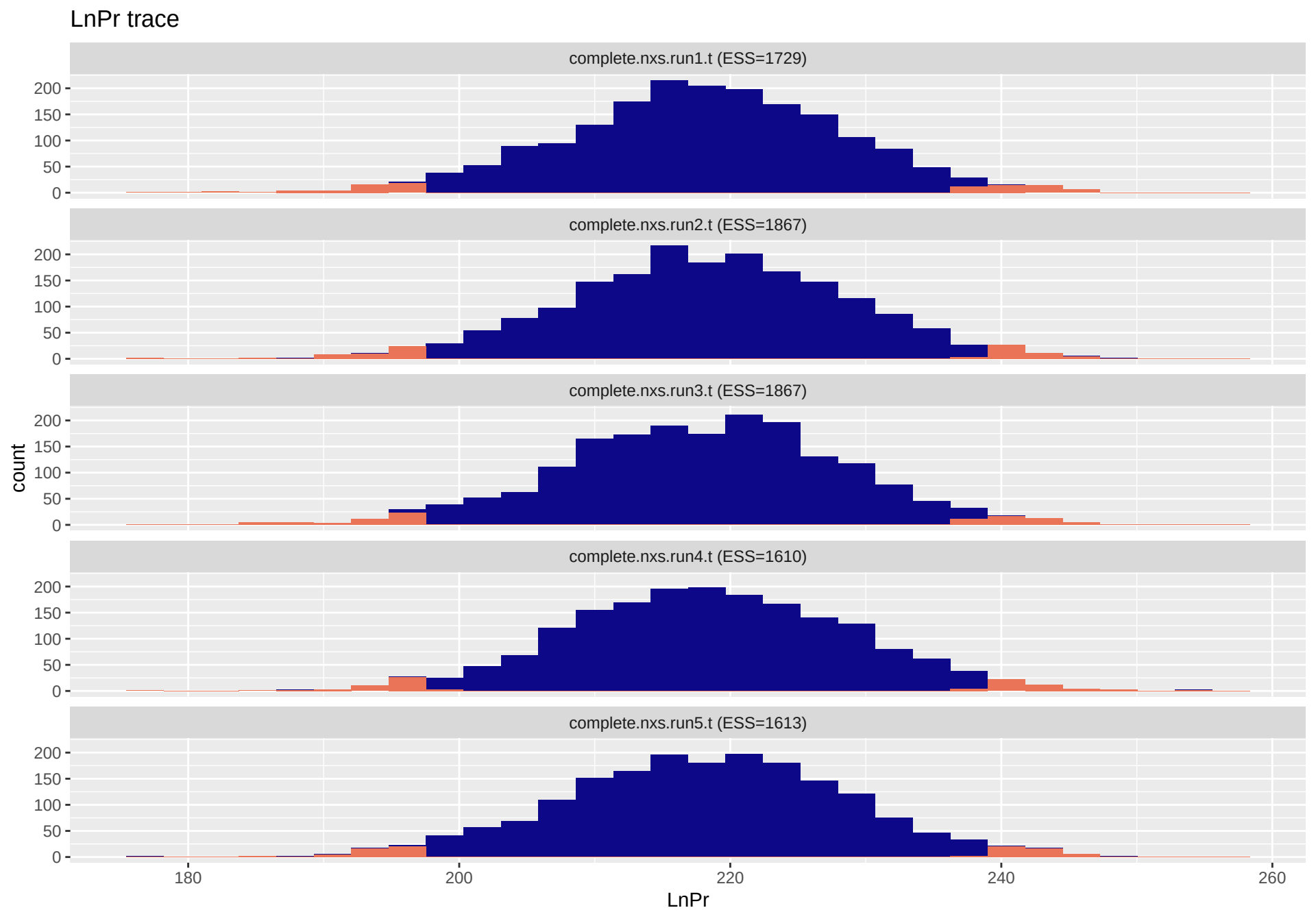
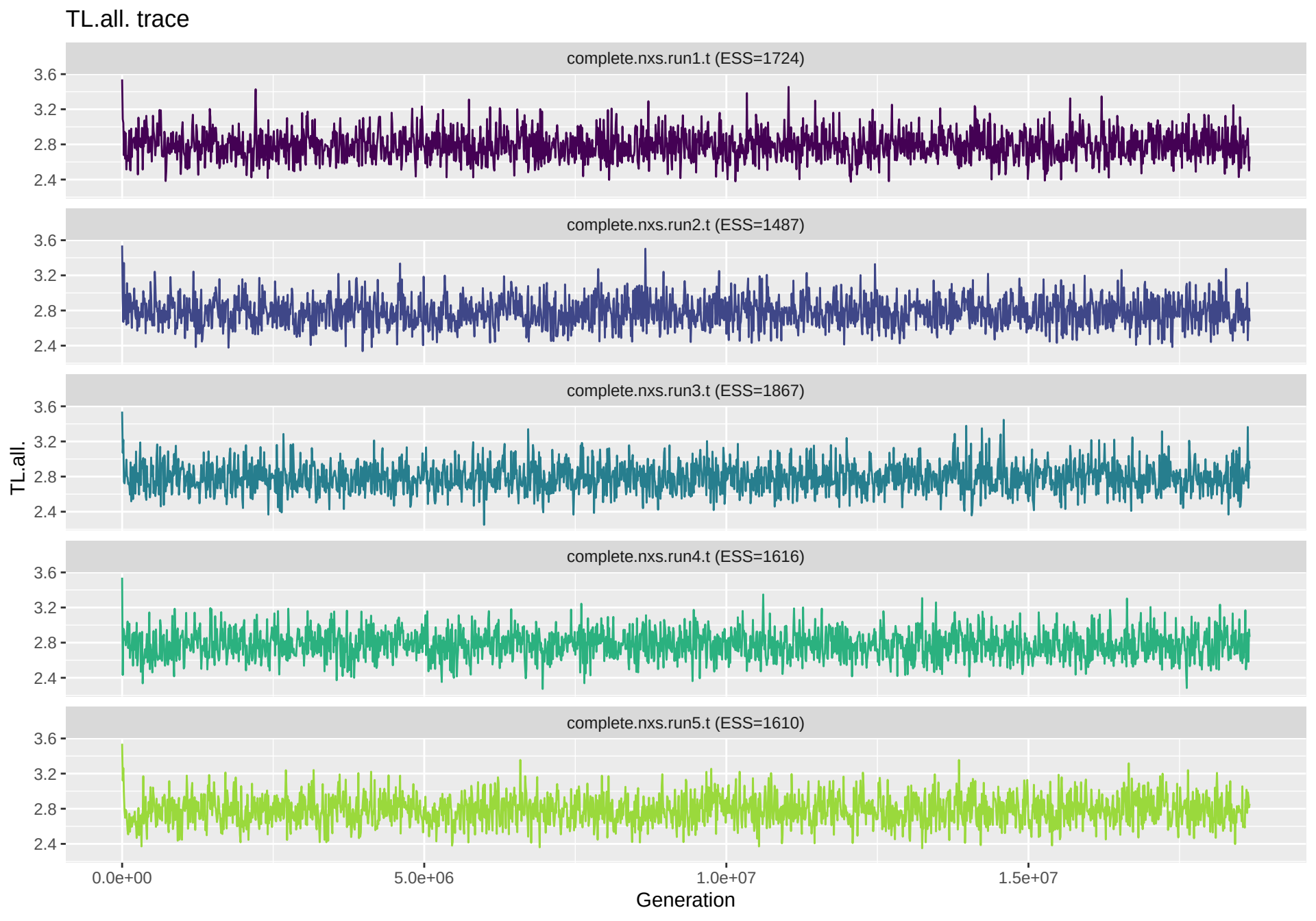
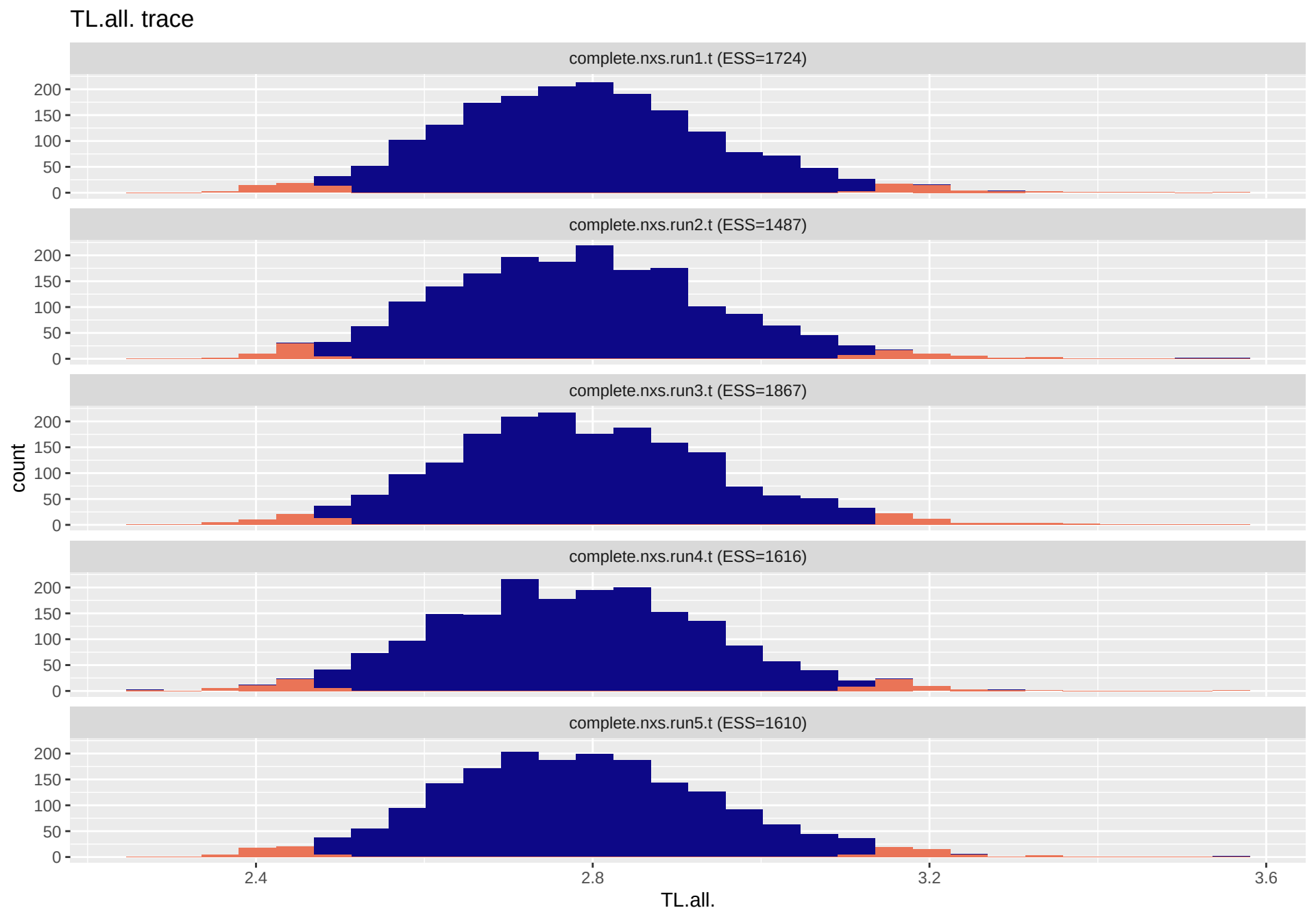

LnL trace
complete.nxs.run1.t (ESS=1734)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1722)
LnL
−12000
−16000
−20000
−24000
−28000
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

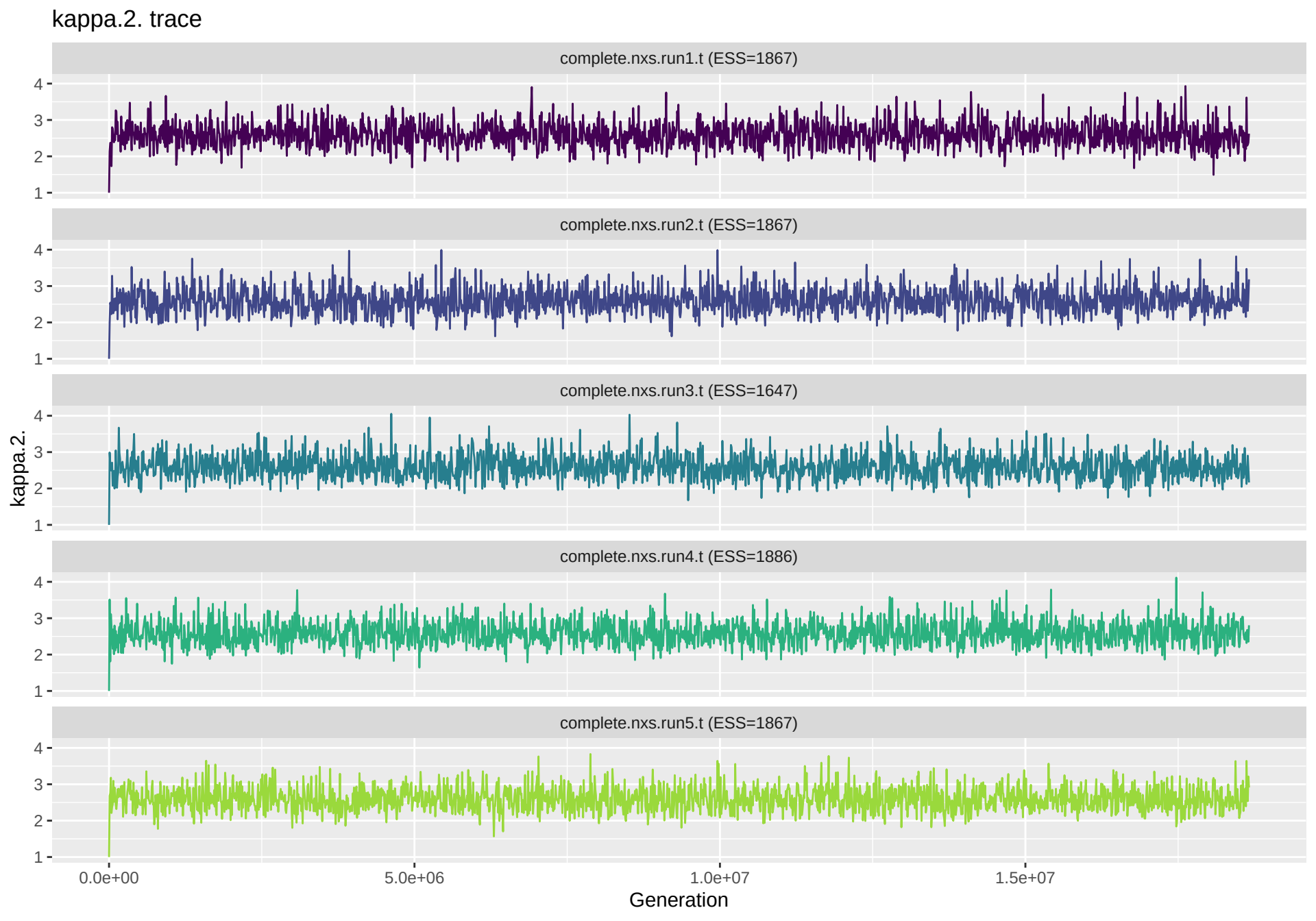

LnL trace
complete.nxs.run1.t (ESS=1734)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1722)
count
0
500
1000
1500
−25000
−20000
−15000
LnL

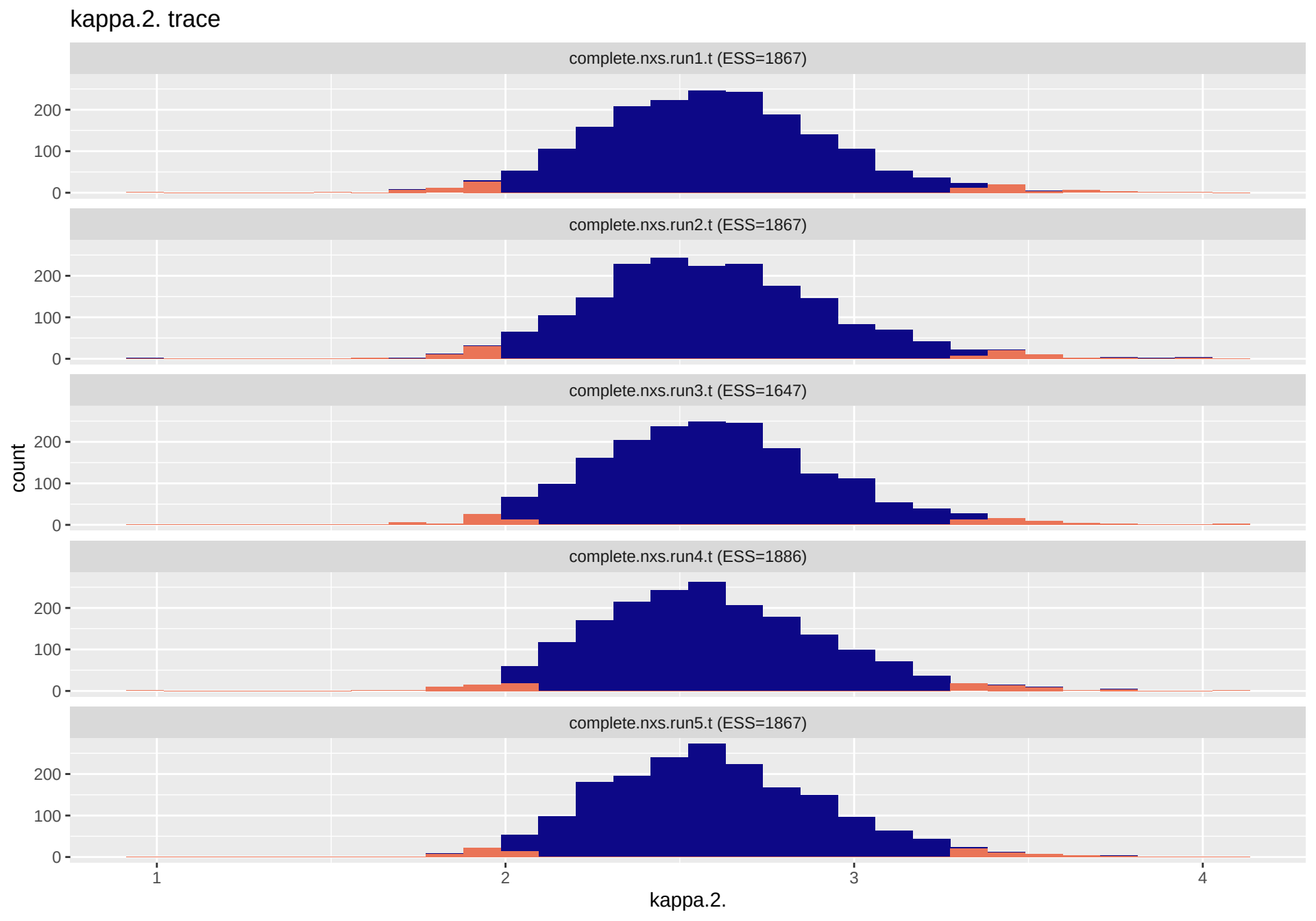

LnPr trace
complete.nxs.run1.t (ESS=1729)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1610)
complete.nxs.run5.t (ESS=1613)
LnPr
240
220
200
180
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

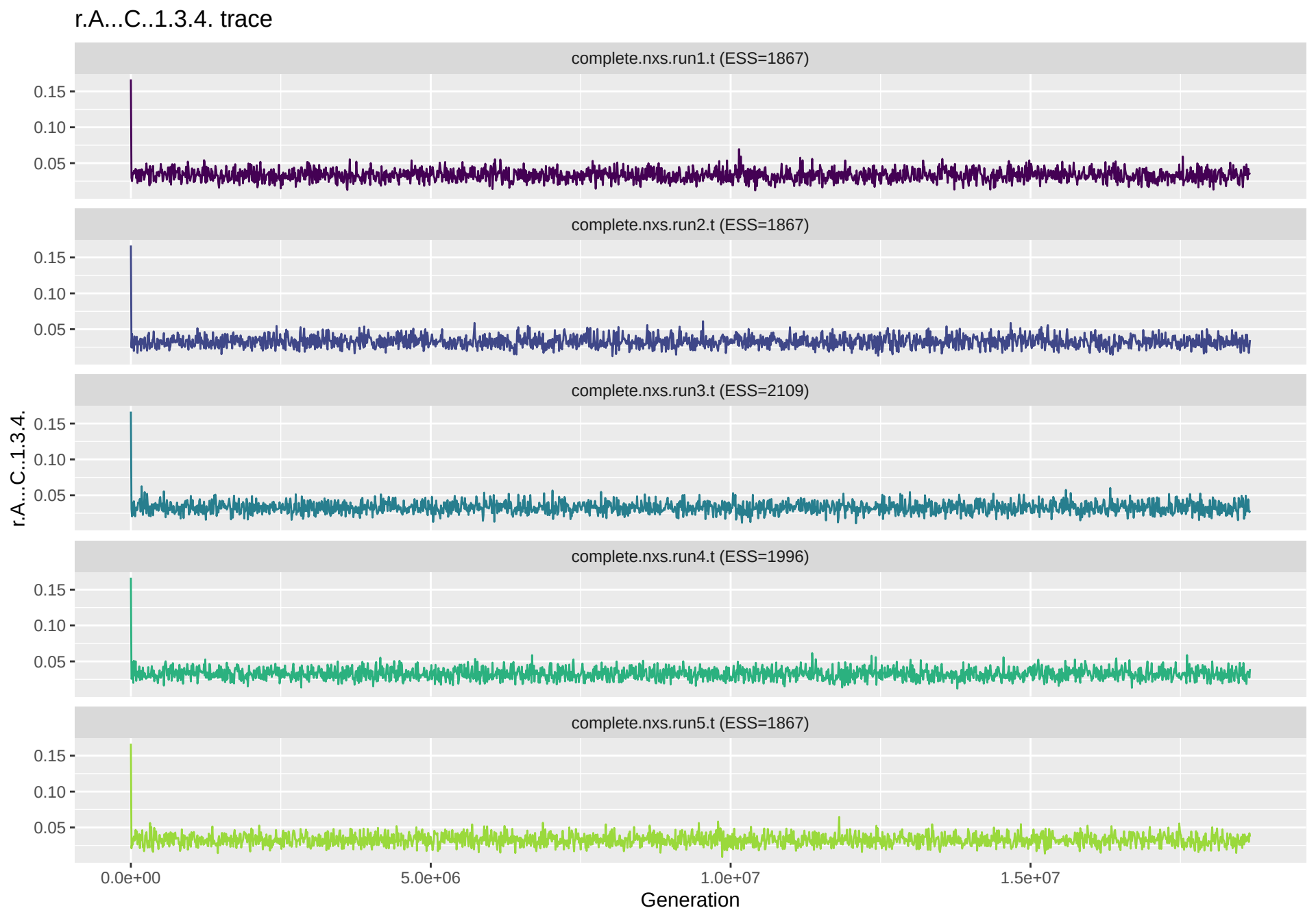

LnPr trace
complete.nxs.run1.t (ESS=1729)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1610)
complete.nxs.run5.t (ESS=1613)
count
0
50
100
150
200
180
200
220
240
260
LnPr

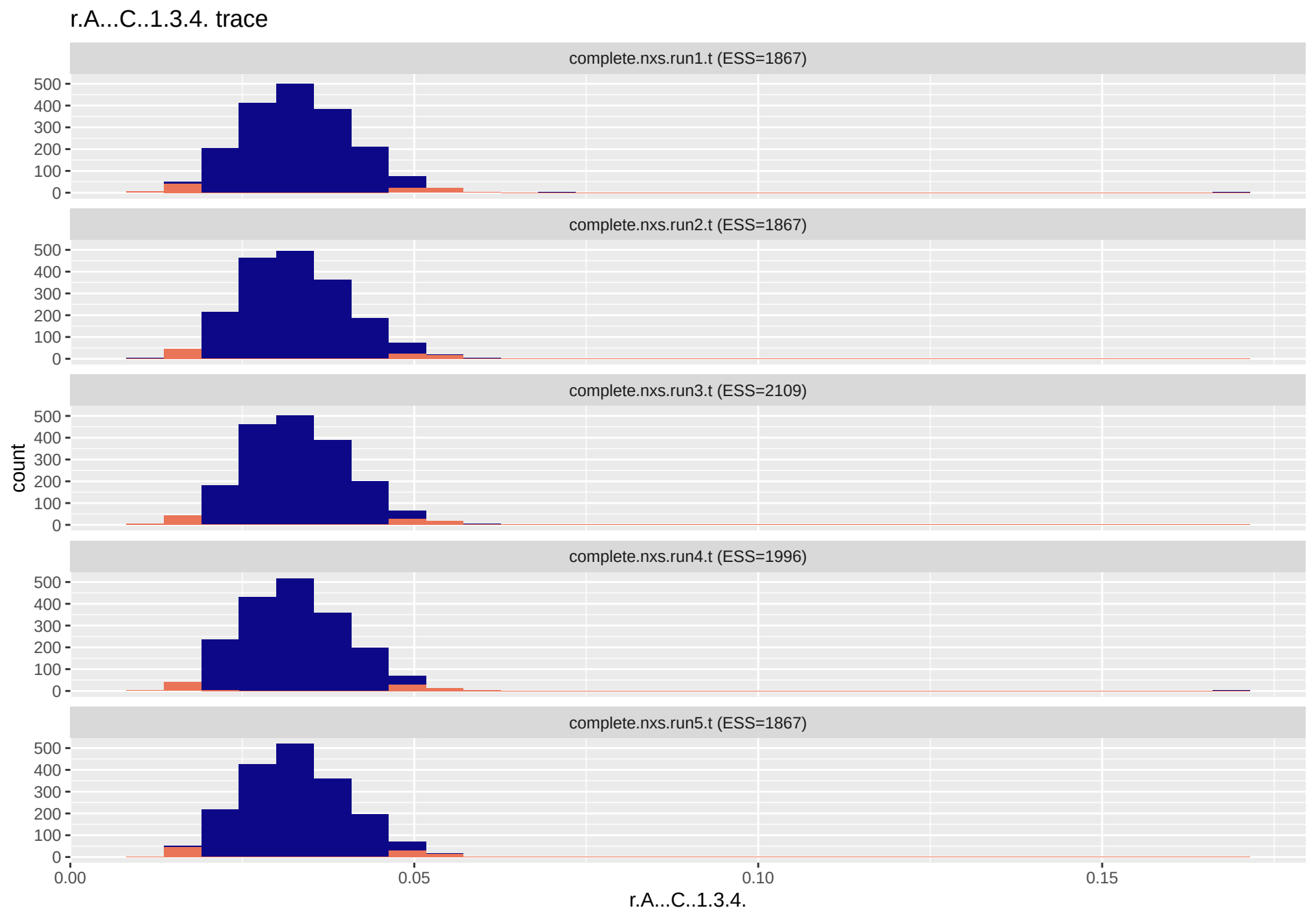

TL.all. trace
complete.nxs.run1.t (ESS=1724)
complete.nxs.run2.t (ESS=1487)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1616)
complete.nxs.run5.t (ESS=1610)
TL.all.
3.6
3.2
2.8
2.4
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

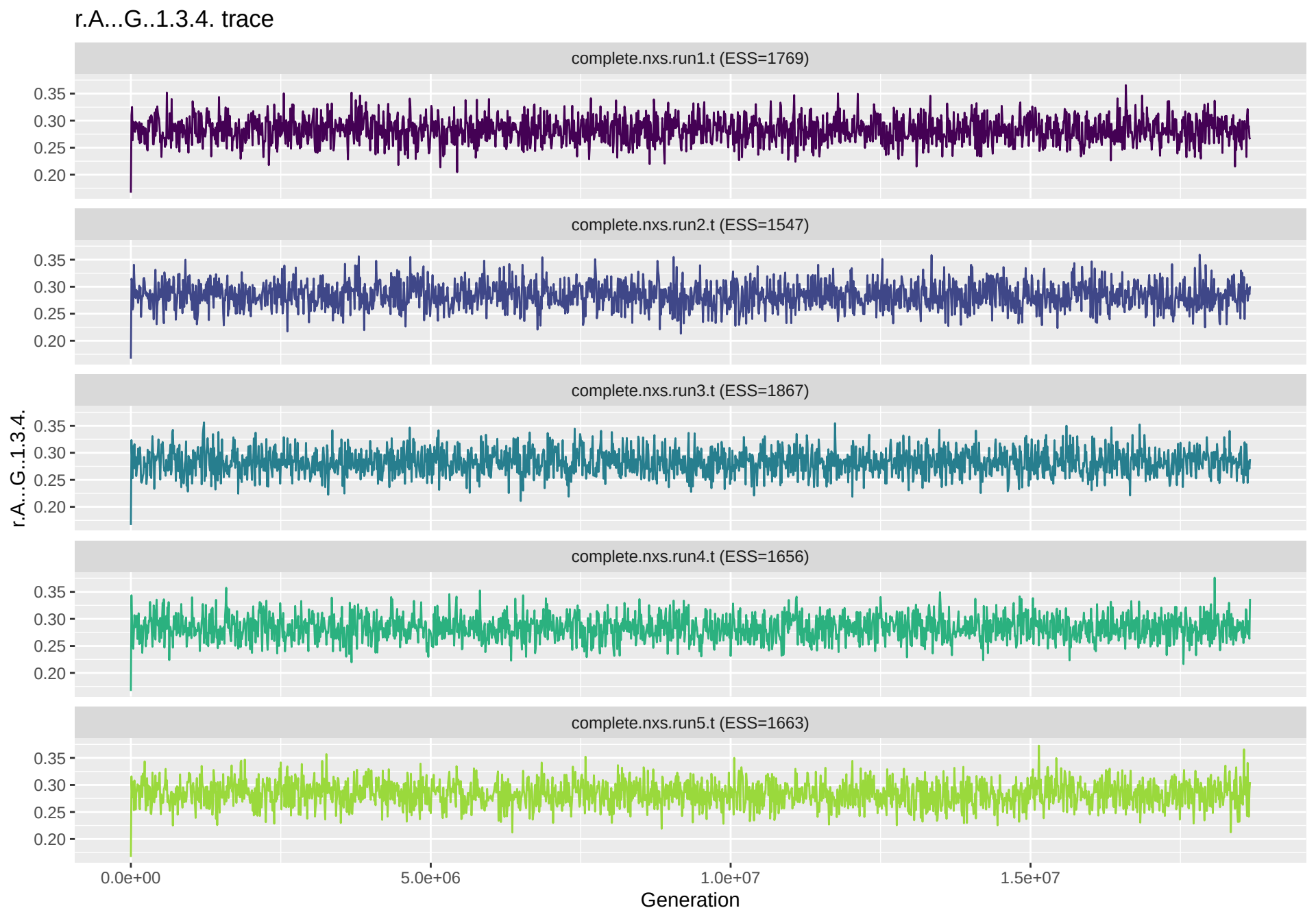

TL.all. trace
complete.nxs.run1.t (ESS=1724)
complete.nxs.run2.t (ESS=1487)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1616)
complete.nxs.run5.t (ESS=1610)
count
0
50
100
150
200
2.4
2.8
3.2
3.6
TL.all.

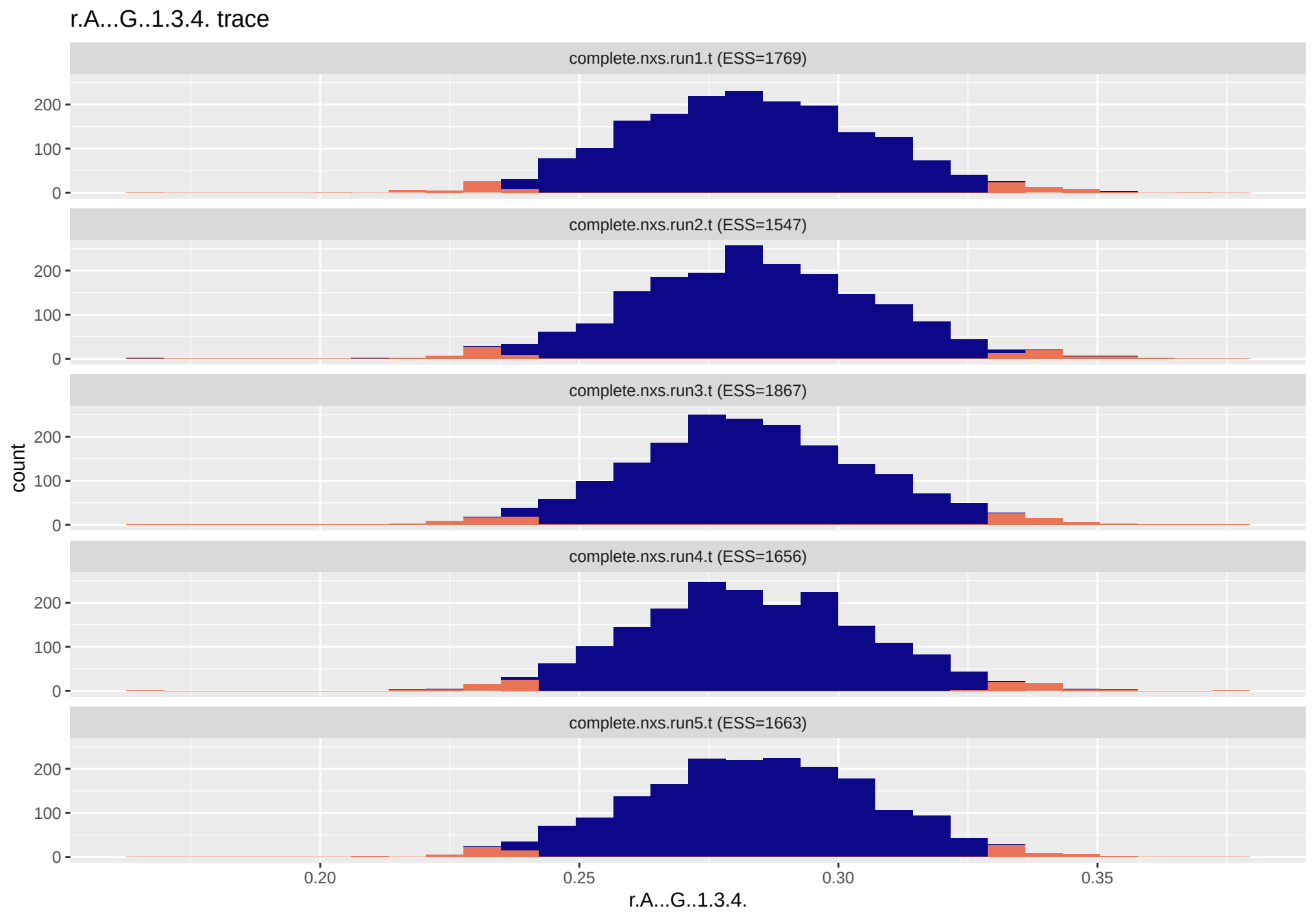

kappa.2. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1647)
complete.nxs.run4.t (ESS=1886)
complete.nxs.run5.t (ESS=1867)
kappa.2.
4
3
2
1
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


kappa.2. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1647)
complete.nxs.run4.t (ESS=1886)
complete.nxs.run5.t (ESS=1867)
count
0
100
200
1
2
3
4
kappa.2.

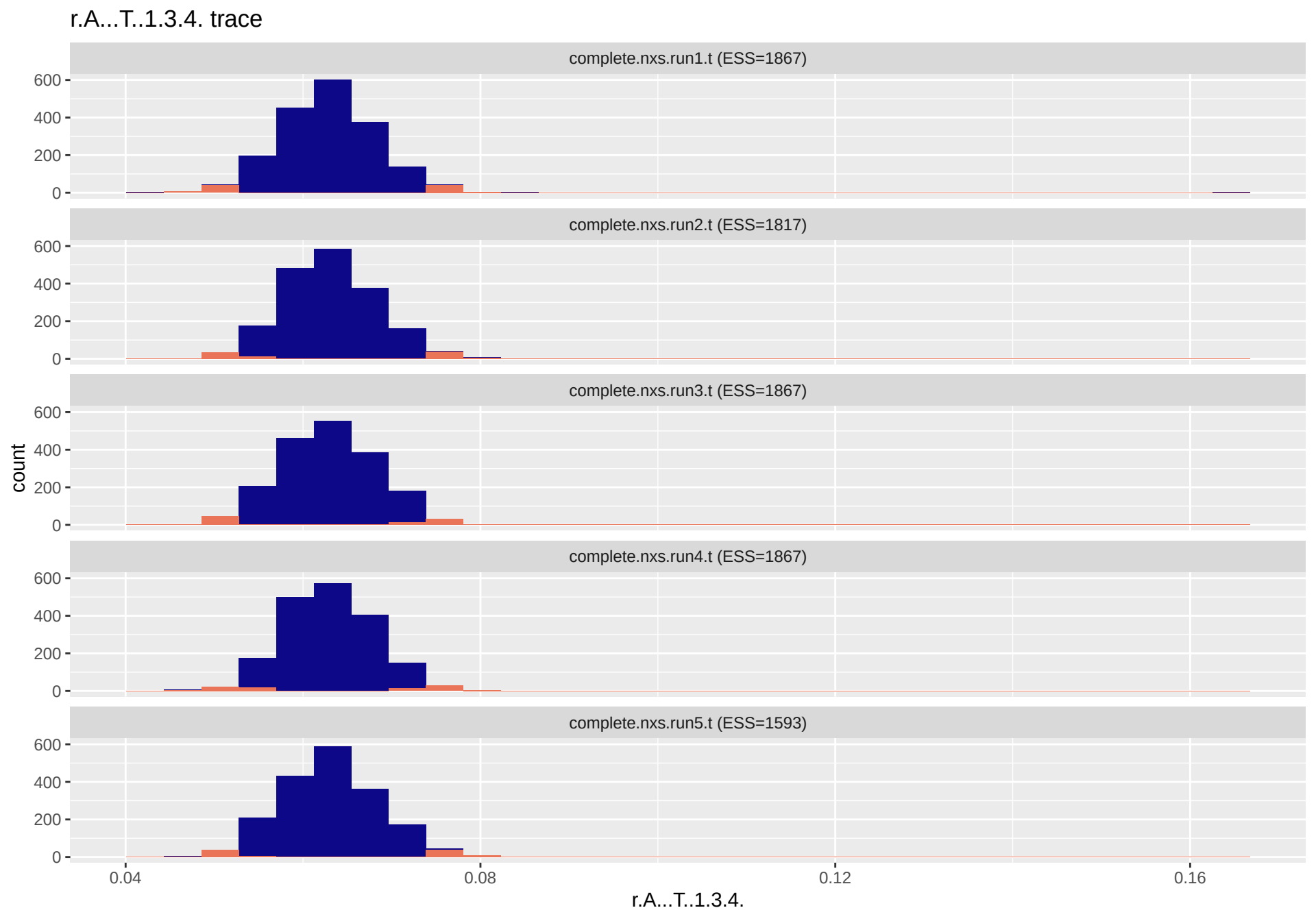

r.A...C..1.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2109)
complete.nxs.run4.t (ESS=1996)
complete.nxs.run5.t (ESS=1867)
r.A...C..1.3.4.
0.15
0.10
0.05
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

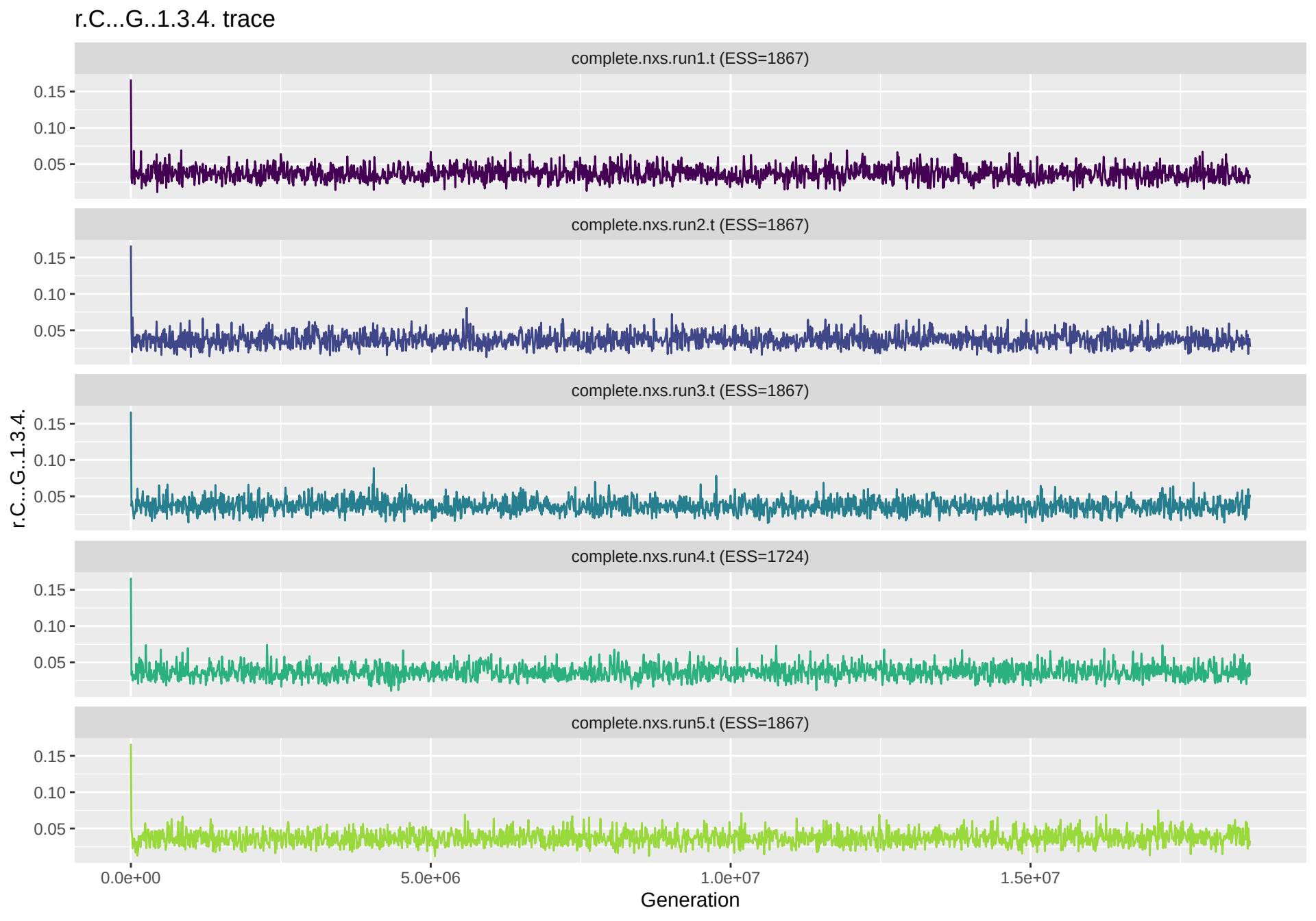

r.A...C..1.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2109)
complete.nxs.run4.t (ESS=1996)
complete.nxs.run5.t (ESS=1867)
count
0
100
200
300
400
500
0.00
0.05
0.10
0.15
r.A...C..1.3.4.

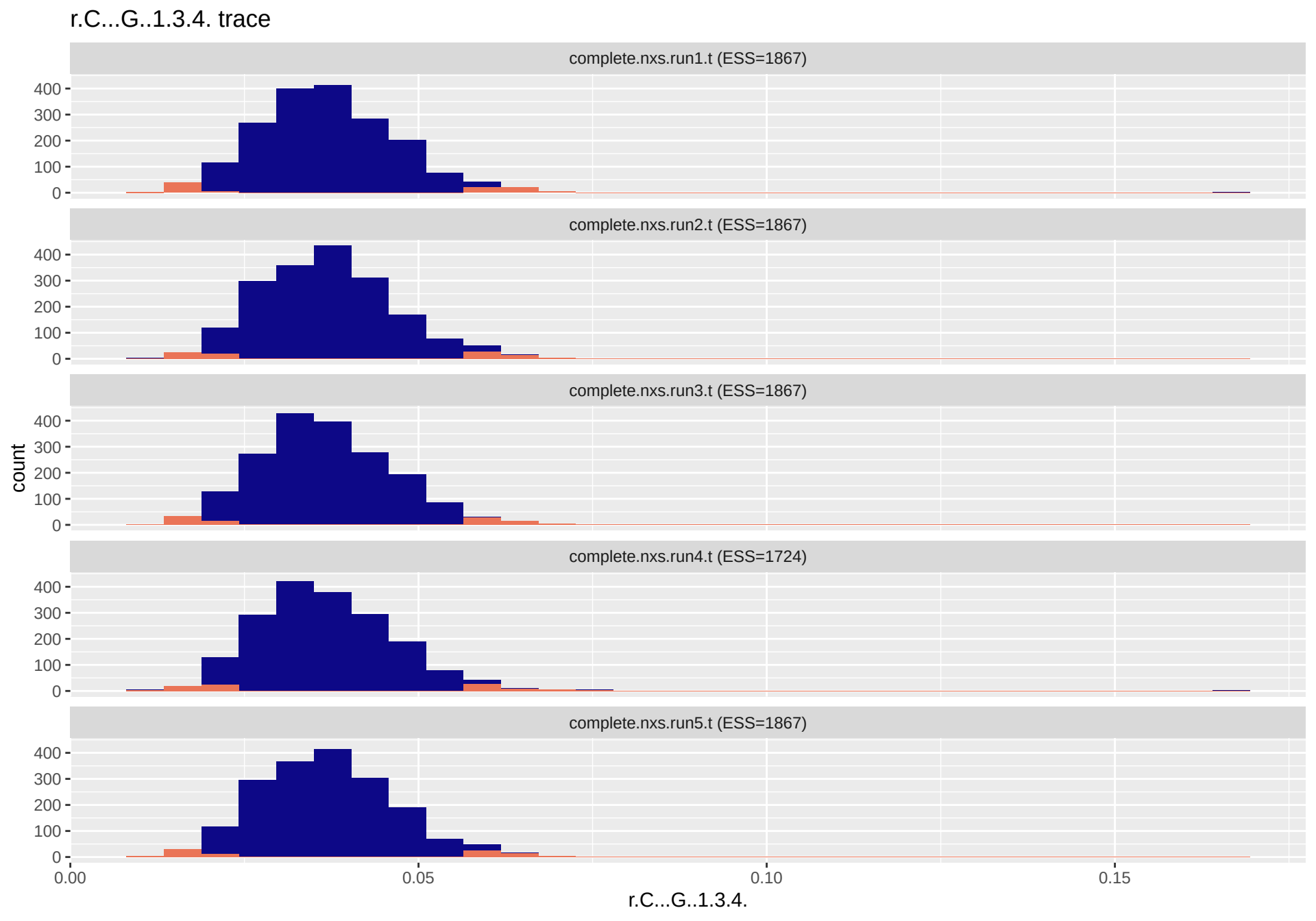

r.A...G..1.3.4. trace
complete.nxs.run1.t (ESS=1769)
complete.nxs.run2.t (ESS=1547)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1656)
complete.nxs.run5.t (ESS=1663)
0.35
0.30
0.25
0.20
r.A...G..1.3.4.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

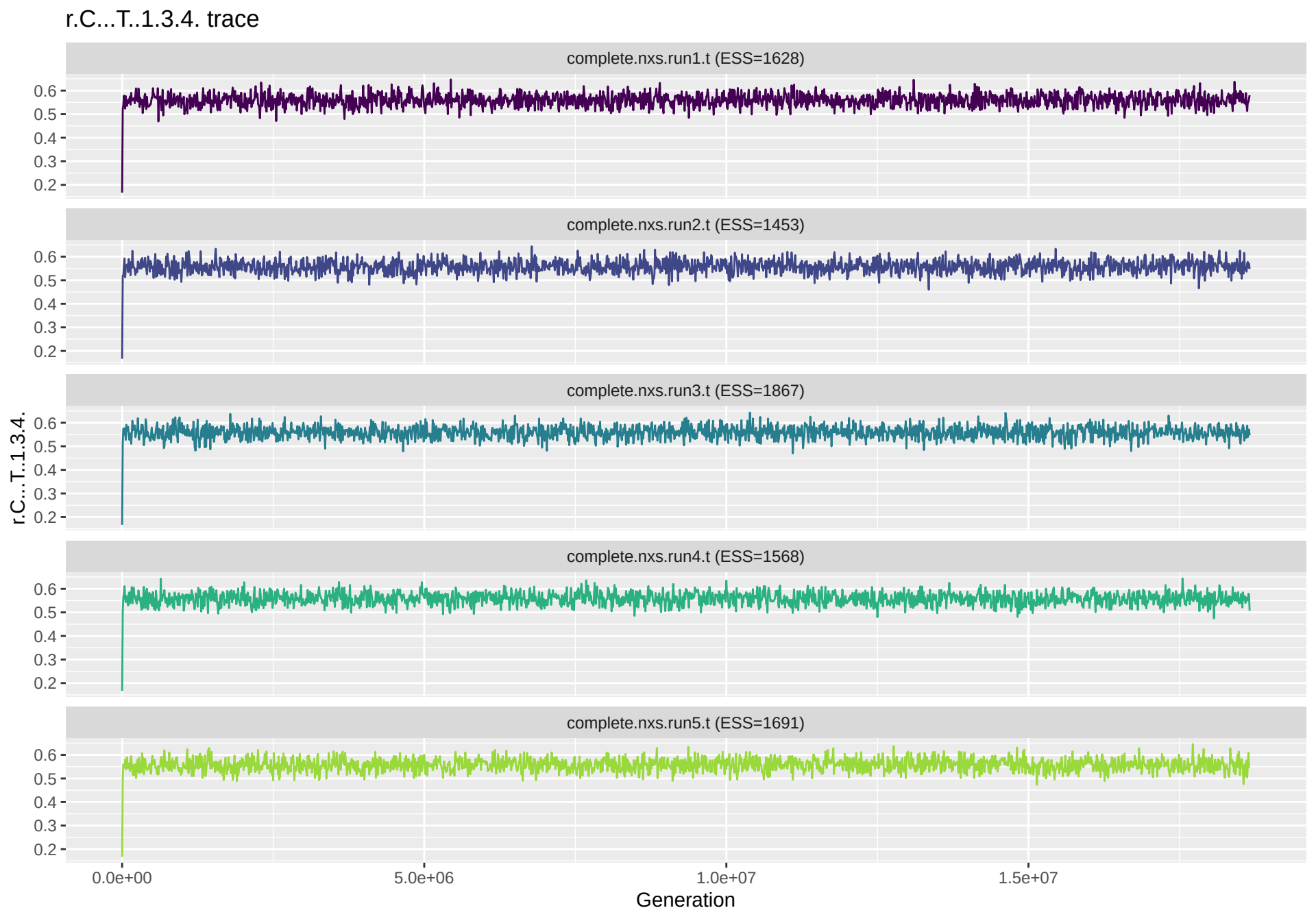

r.A...G..1.3.4. trace
complete.nxs.run1.t (ESS=1769)
complete.nxs.run2.t (ESS=1547)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1656)
complete.nxs.run5.t (ESS=1663)
count
0
100
200
0.20
0.25
0.30
0.35
r.A...G..1.3.4.

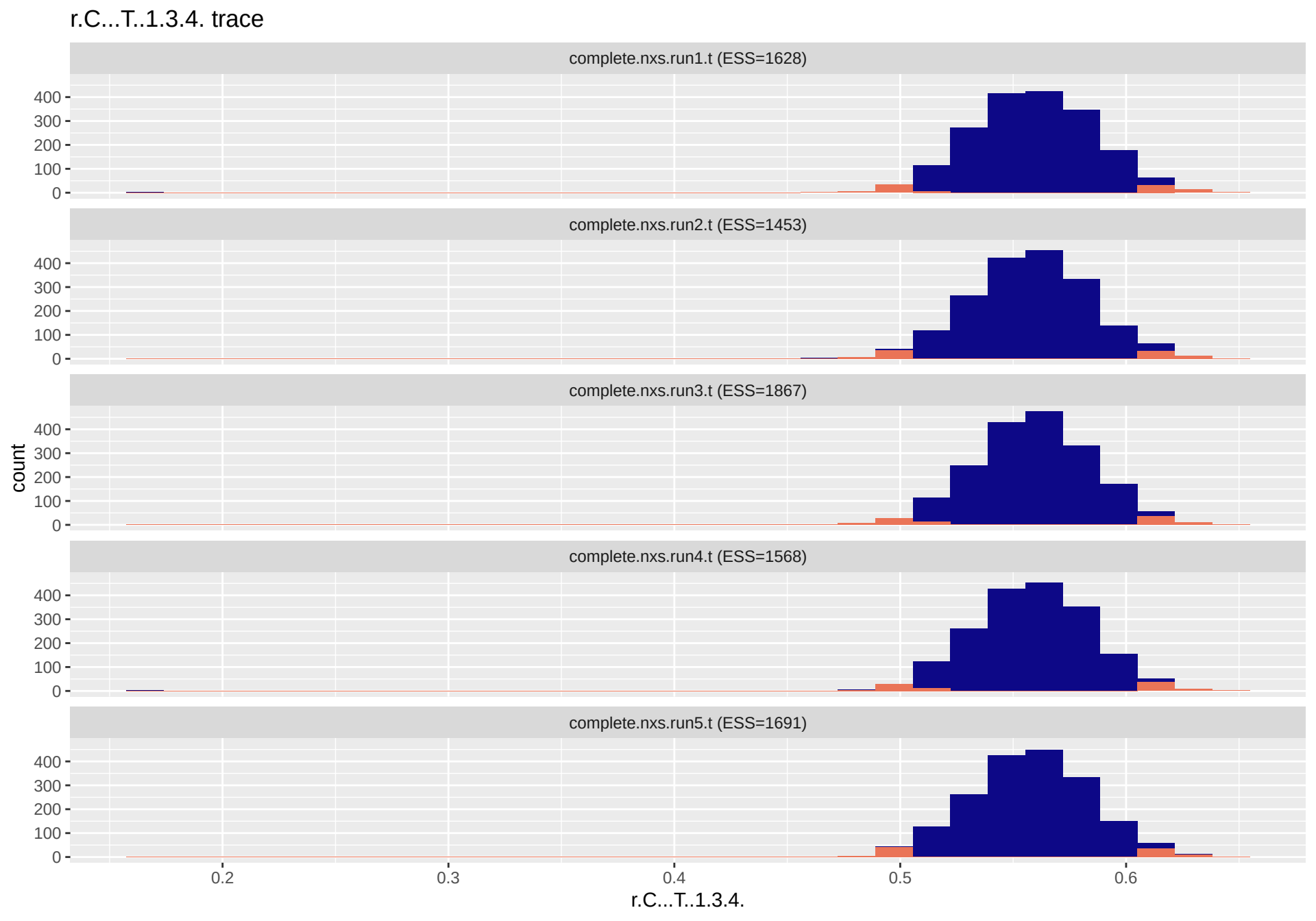

r.A...T..1.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1817)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1593)
r.A...T..1.3.4.
0.16
0.12
0.08
0.04
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


r.A...T..1.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1817)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1593)
count
0
200
400
600
0.04
0.08
0.12
0.16
r.A...T..1.3.4.

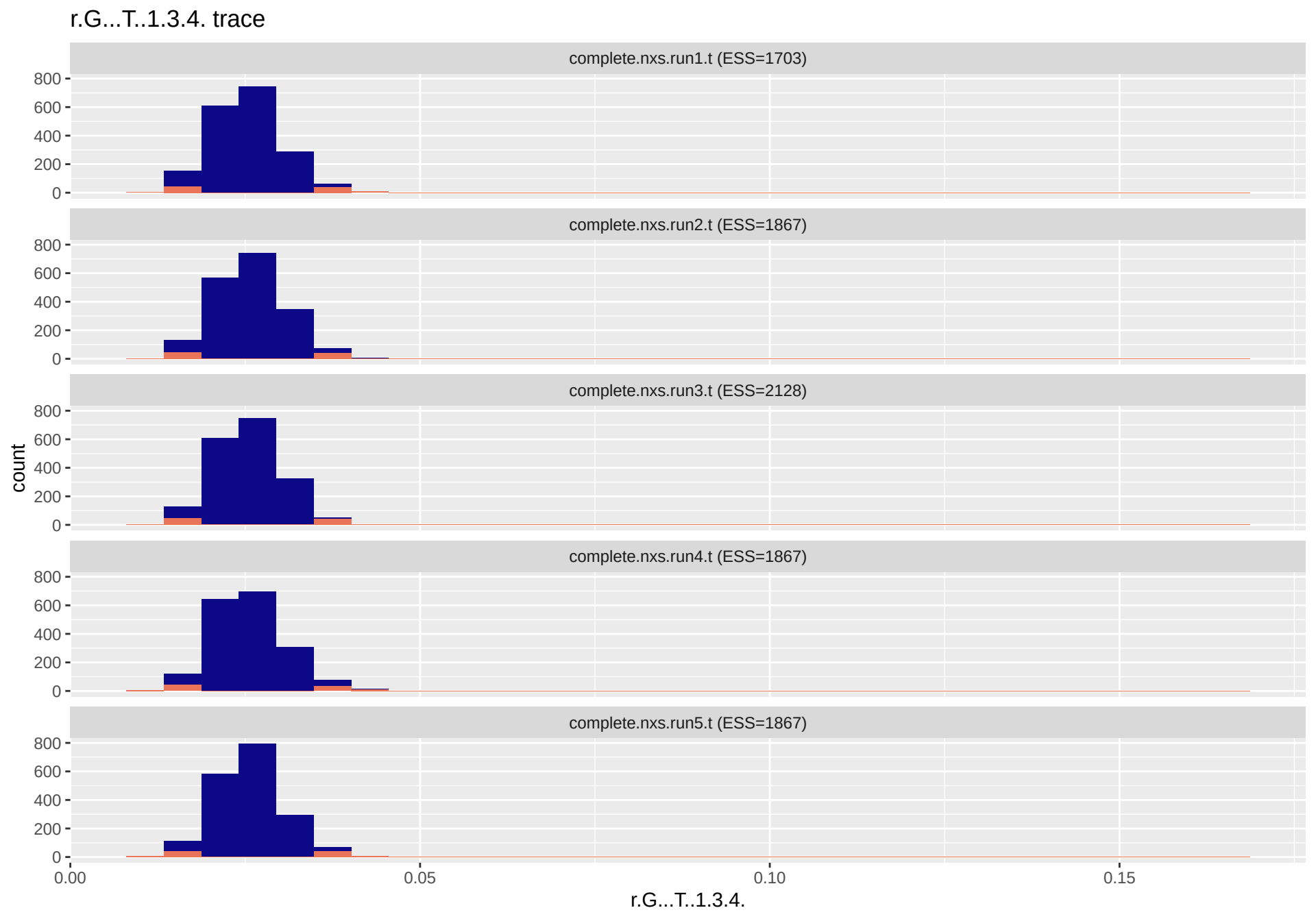

r.C...G..1.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1724)
complete.nxs.run5.t (ESS=1867)
0.15
0.10
0.05
r.C...G..1.3.4.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

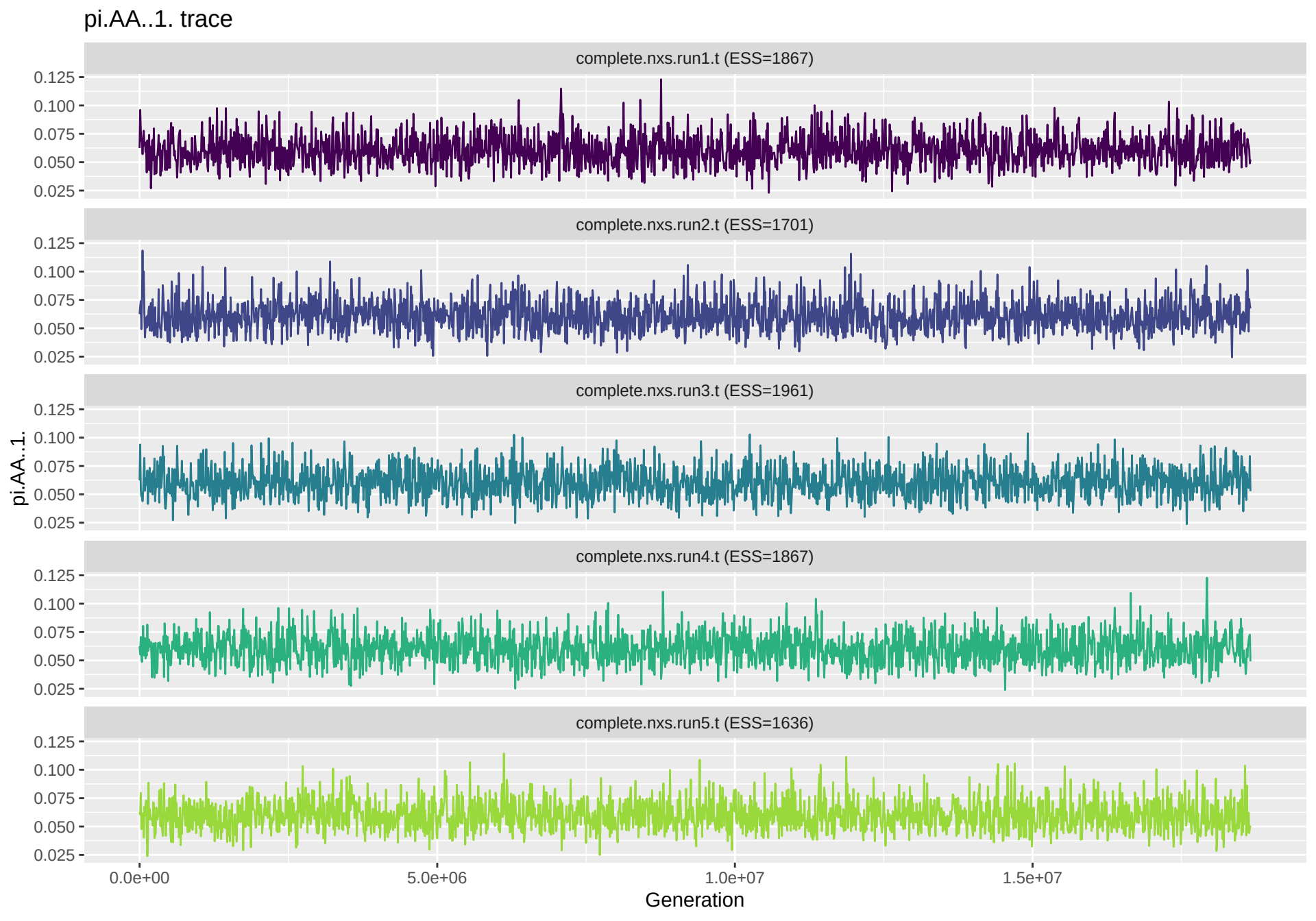

r.C...G..1.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1724)
complete.nxs.run5.t (ESS=1867)
count
0
100
200
300
400
0.00
0.05
0.10
0.15
r.C...G..1.3.4.

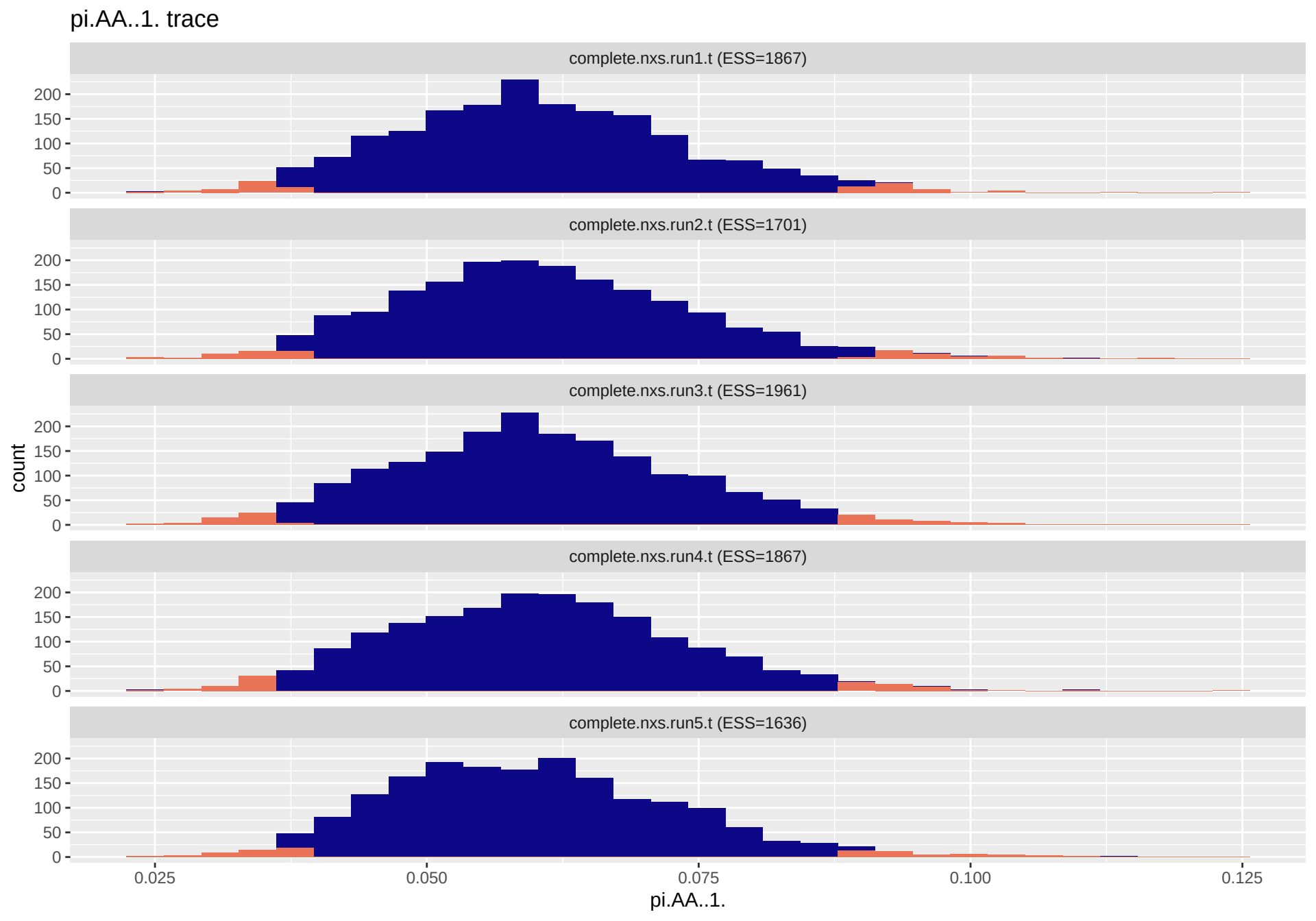

r.C...T..1.3.4. trace
complete.nxs.run1.t (ESS=1628)
complete.nxs.run2.t (ESS=1453)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1568)
complete.nxs.run5.t (ESS=1691)
r.C...T..1.3.4.
0.6
0.5
0.4
0.3
0.2
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

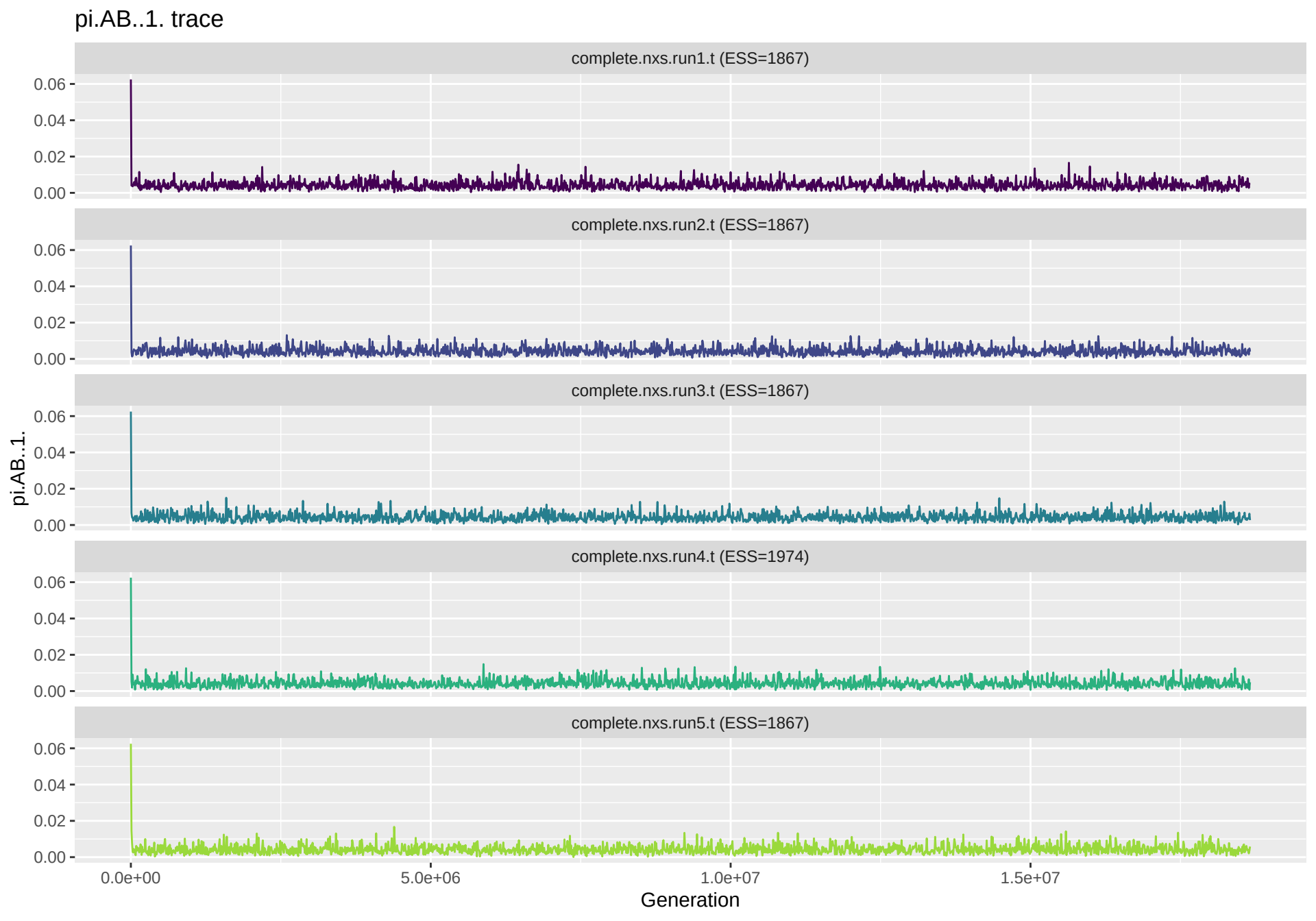

r.C...T..1.3.4. trace
complete.nxs.run1.t (ESS=1628)
complete.nxs.run2.t (ESS=1453)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1568)
complete.nxs.run5.t (ESS=1691)
count
0
100
200
300
400
0.2
0.3
0.4
0.5
0.6
r.C...T..1.3.4.

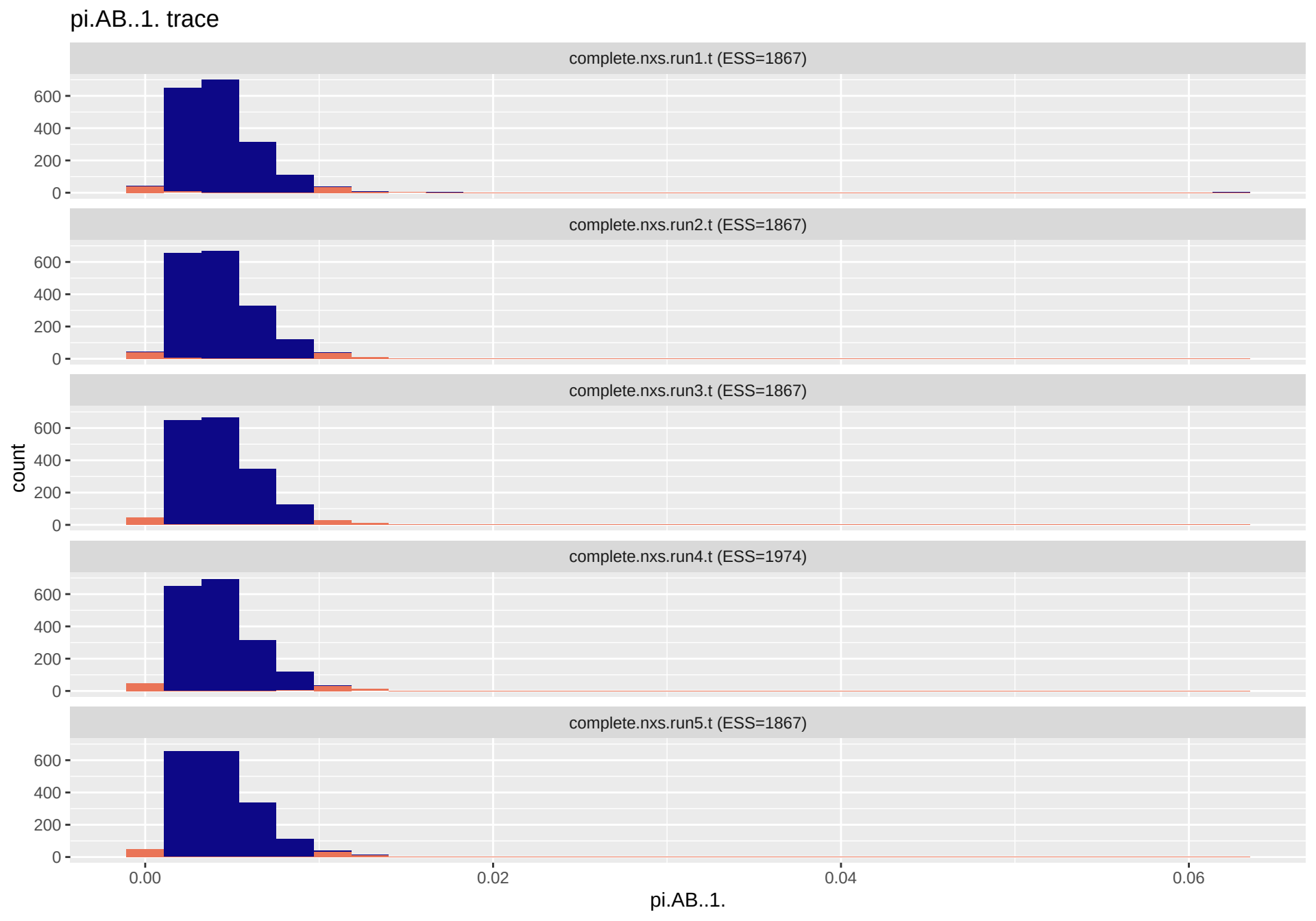

r.G...T..1.3.4. trace
complete.nxs.run1.t (ESS=1703)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2128)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
0.15
0.10
0.05
r.G...T..1.3.4.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

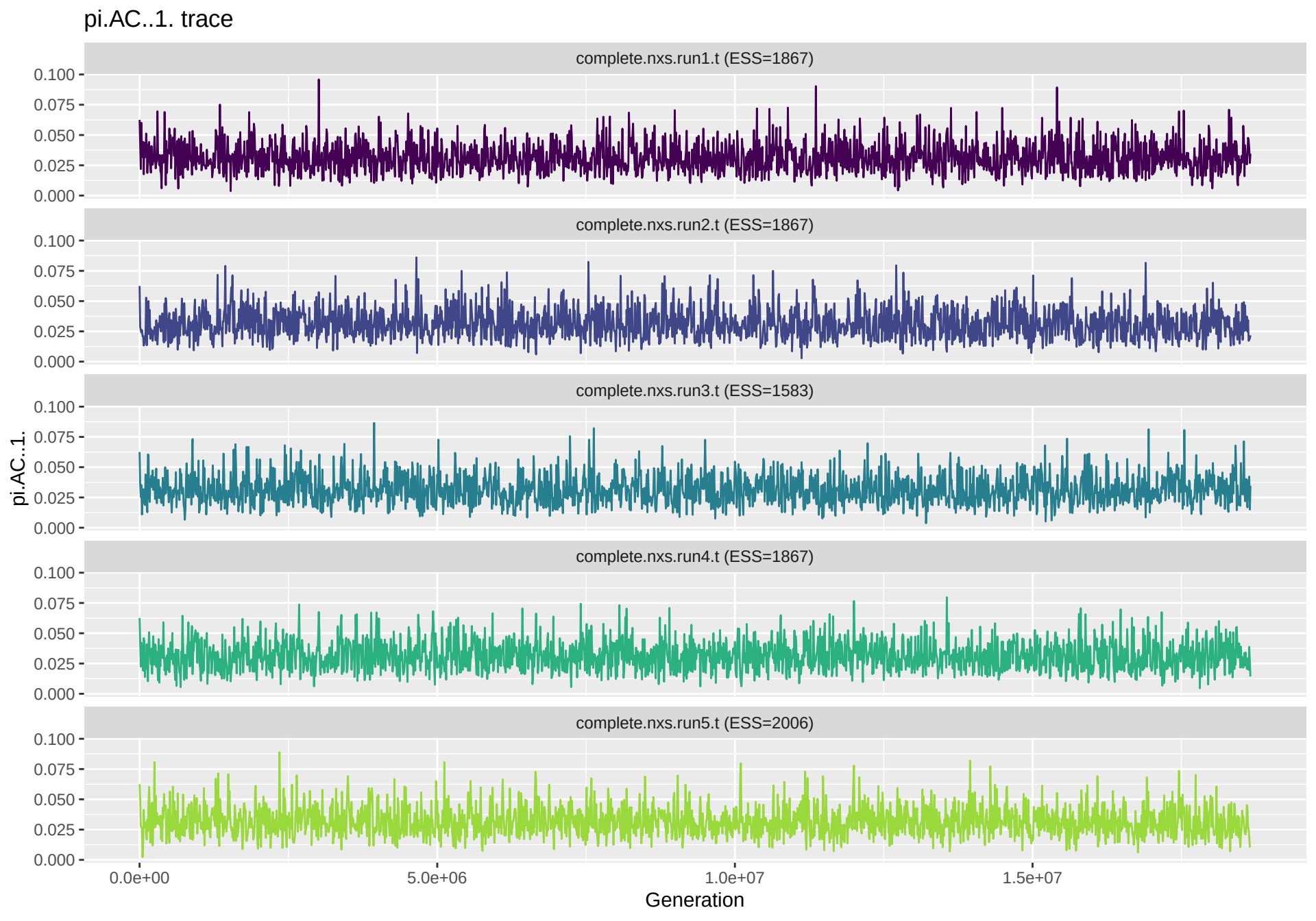

r.G...T..1.3.4. trace
complete.nxs.run1.t (ESS=1703)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2128)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
200
400
600
800
0.00
0.05
0.10
0.15
r.G...T..1.3.4.

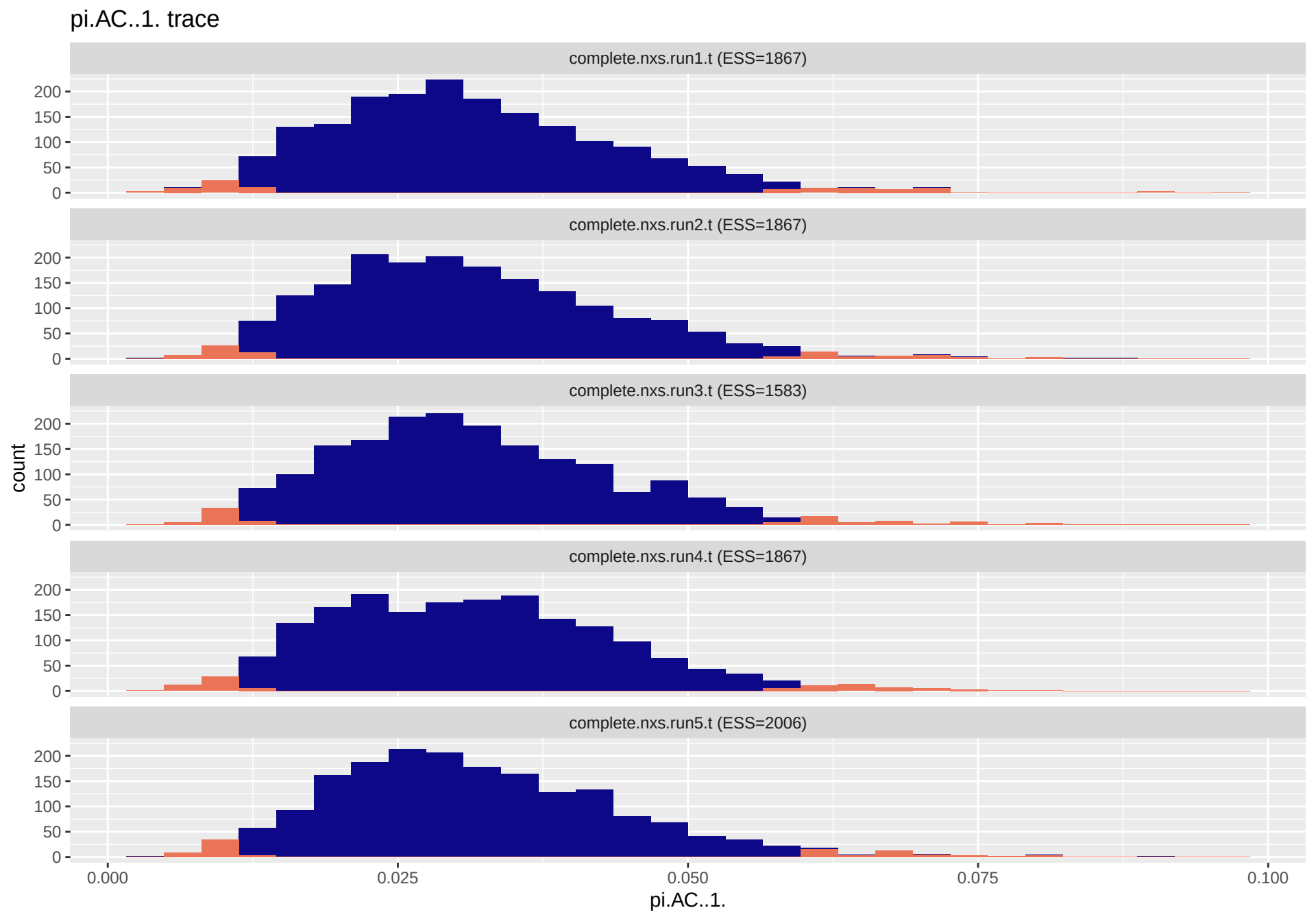

pi.AA..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1701)
complete.nxs.run3.t (ESS=1961)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1636)
pi.AA..1.
0.125
0.100
0.075
0.050
0.025
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

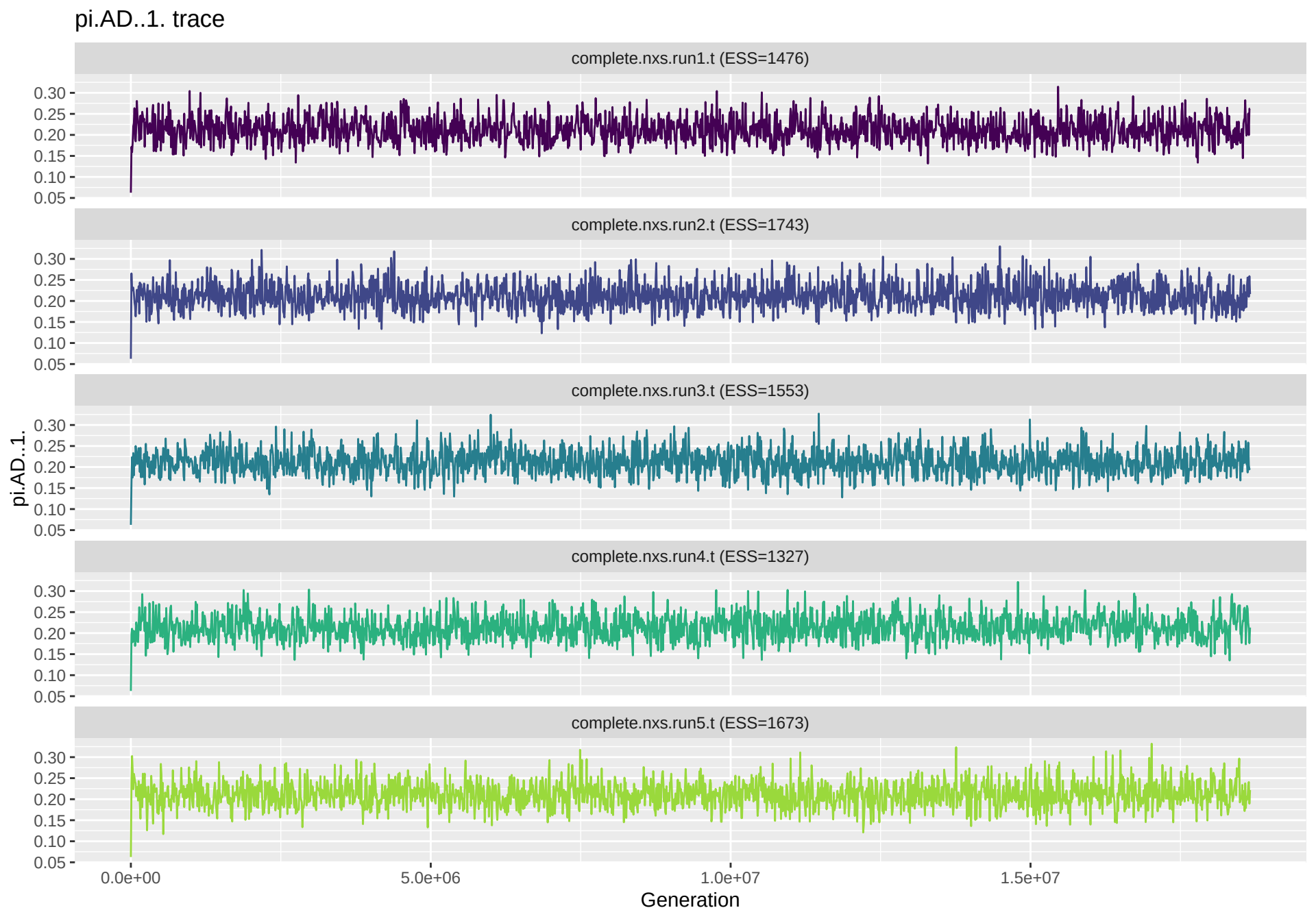

pi.AA..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1701)
complete.nxs.run3.t (ESS=1961)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1636)
count
0
50
100
150
200
0.025
0.050
0.075
0.100
0.125
pi.AA..1.

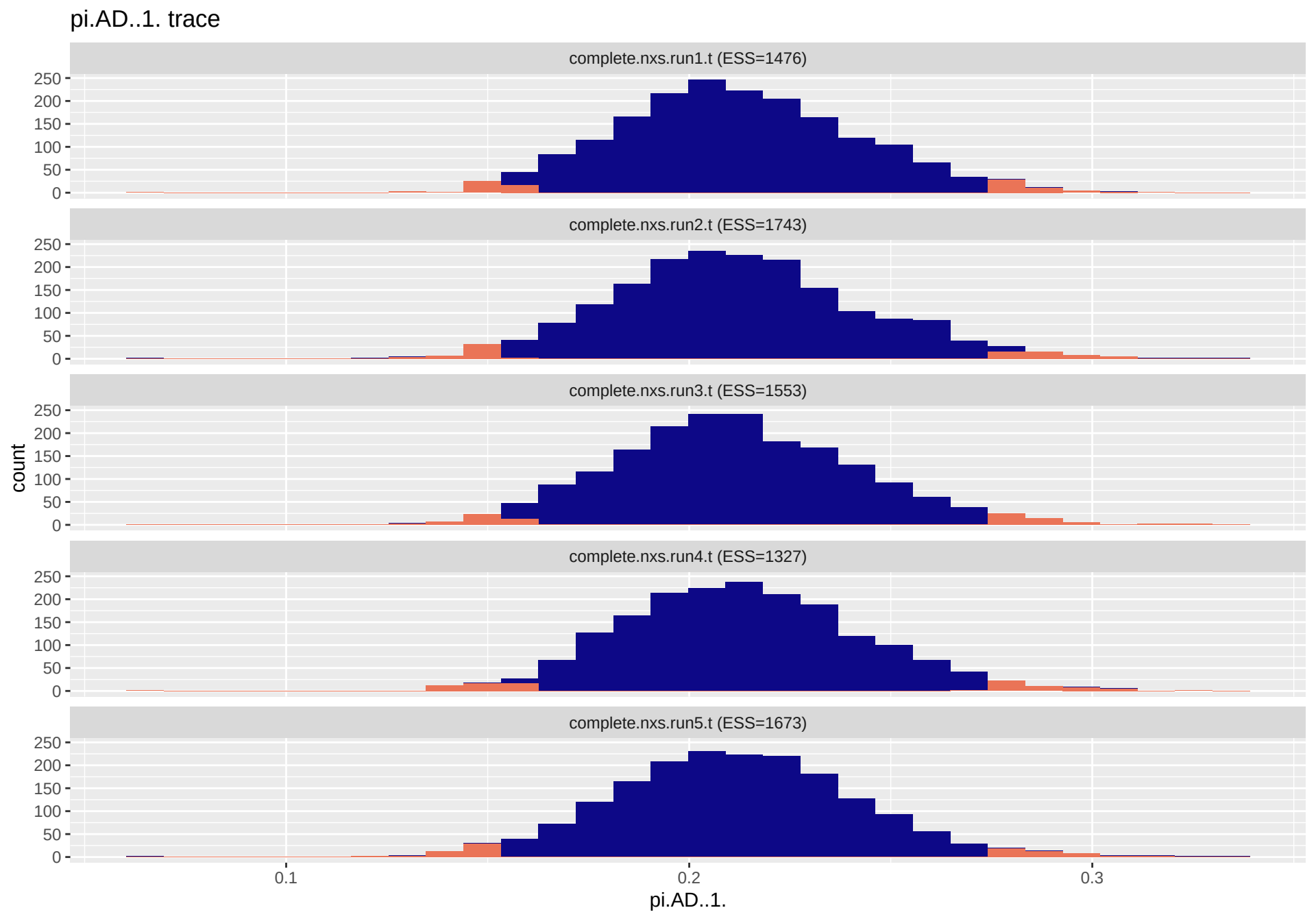

pi.AB..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1974)
complete.nxs.run5.t (ESS=1867)
pi.AB..1.
0.06
0.04
0.02
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


pi.AB..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1974)
complete.nxs.run5.t (ESS=1867)
count
0
200
400
600
0.00
0.02
0.04
0.06
pi.AB..1.

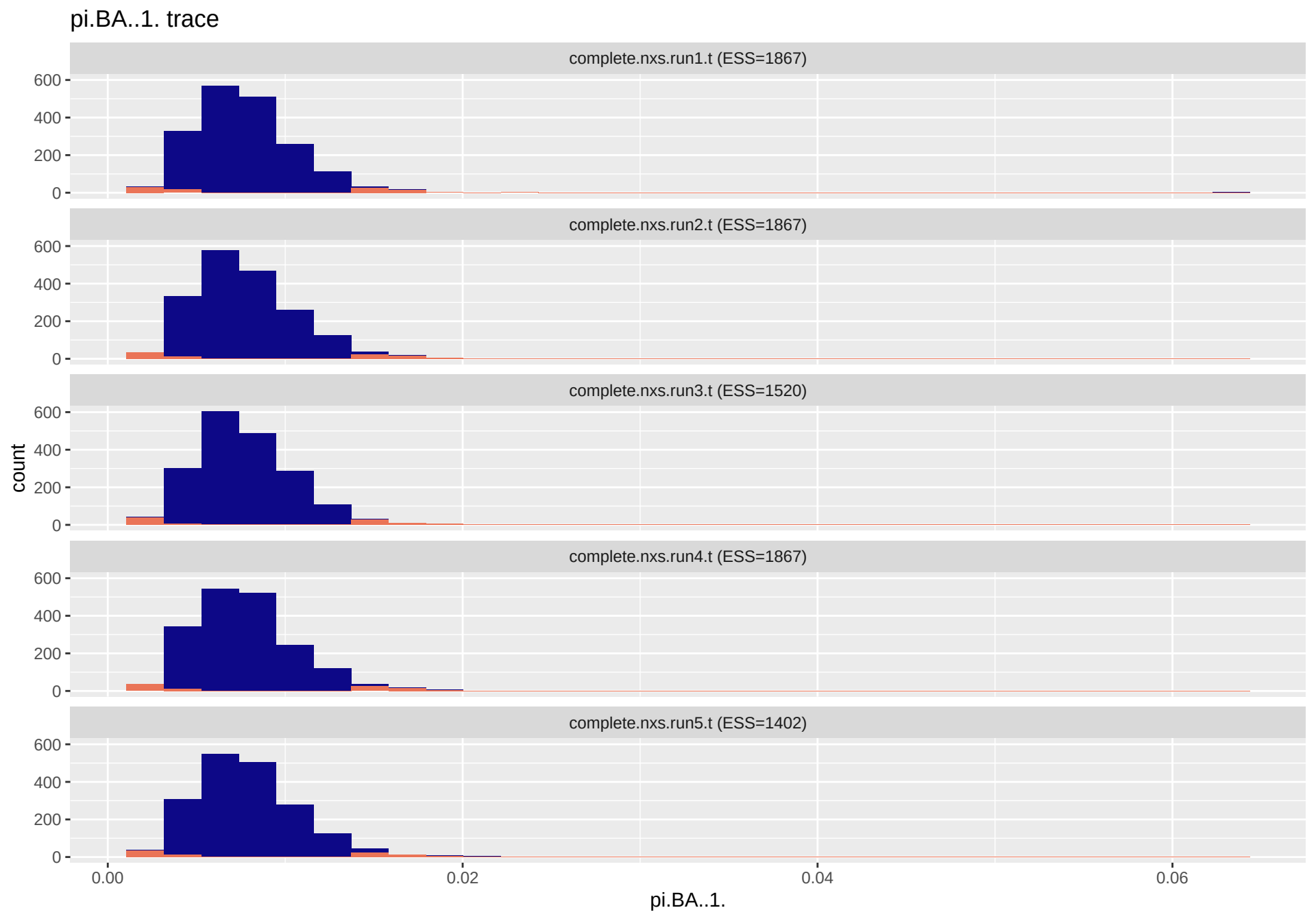

pi.AC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1583)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=2006)
pi.AC..1.
0.100
0.075
0.050
0.025
0.000
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


pi.AC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1583)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=2006)
count
0
50
100
150
200
0.000
0.025
0.050
0.075
0.100
pi.AC..1.

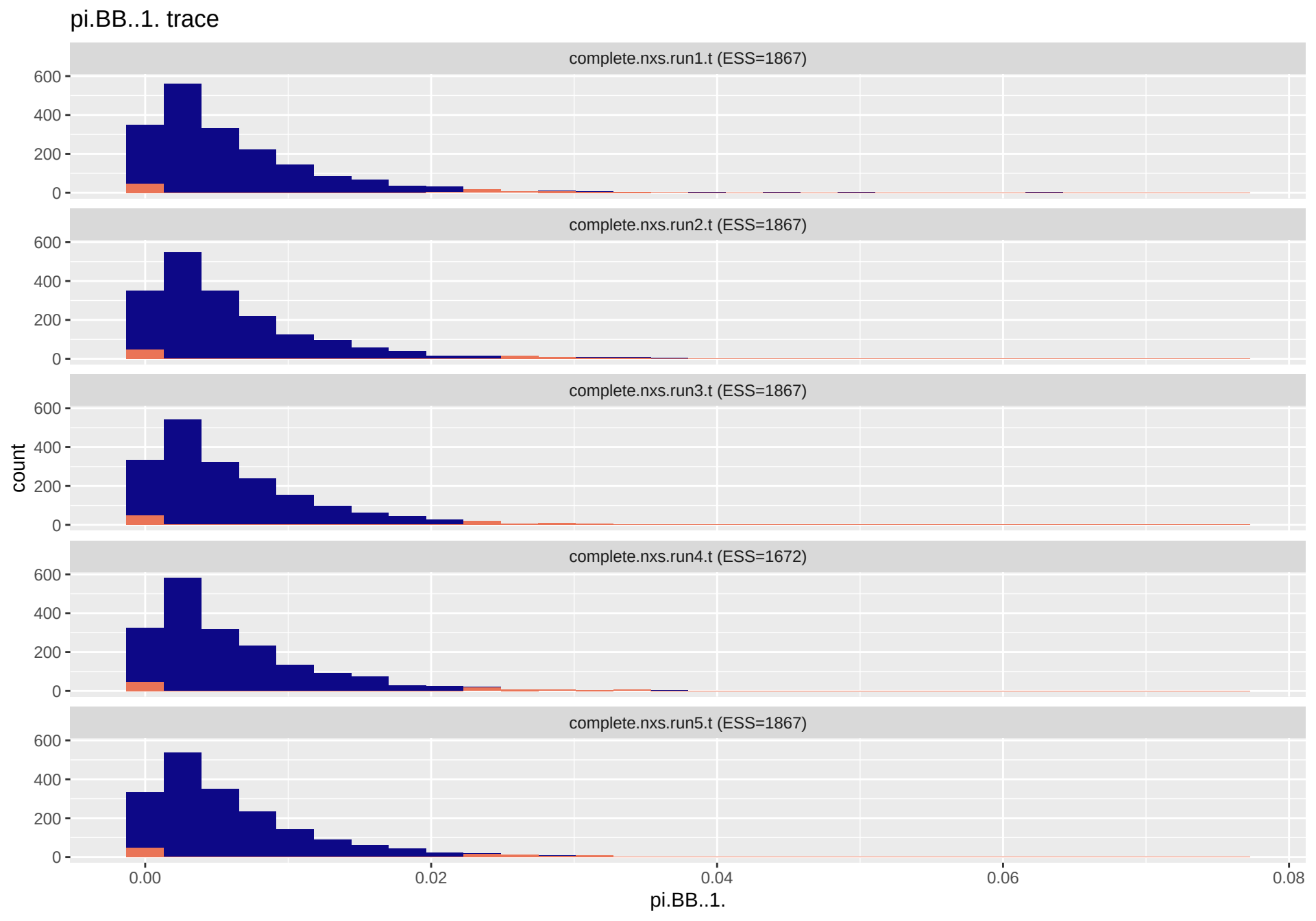

pi.AD..1. trace
complete.nxs.run1.t (ESS=1476)
complete.nxs.run2.t (ESS=1743)
complete.nxs.run3.t (ESS=1553)
complete.nxs.run4.t (ESS=1327)
complete.nxs.run5.t (ESS=1673)
pi.AD..1.
0.30
0.25
0.20
0.15
0.10
0.05
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

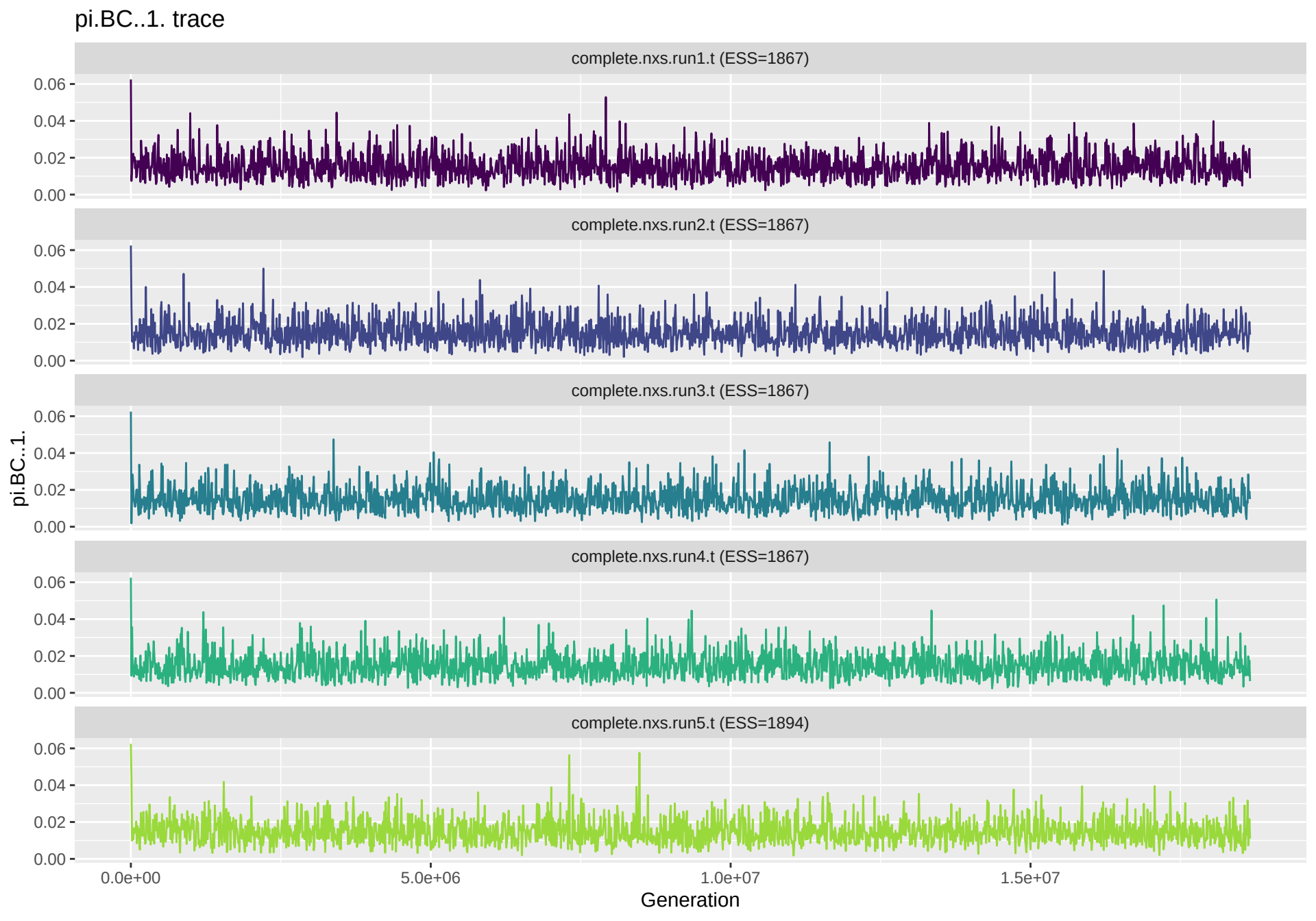

pi.AD..1. trace
complete.nxs.run1.t (ESS=1476)
complete.nxs.run2.t (ESS=1743)
complete.nxs.run3.t (ESS=1553)
complete.nxs.run4.t (ESS=1327)
complete.nxs.run5.t (ESS=1673)
count
0
50
100
150
200
250
0.1
0.2
0.3
pi.AD..1.

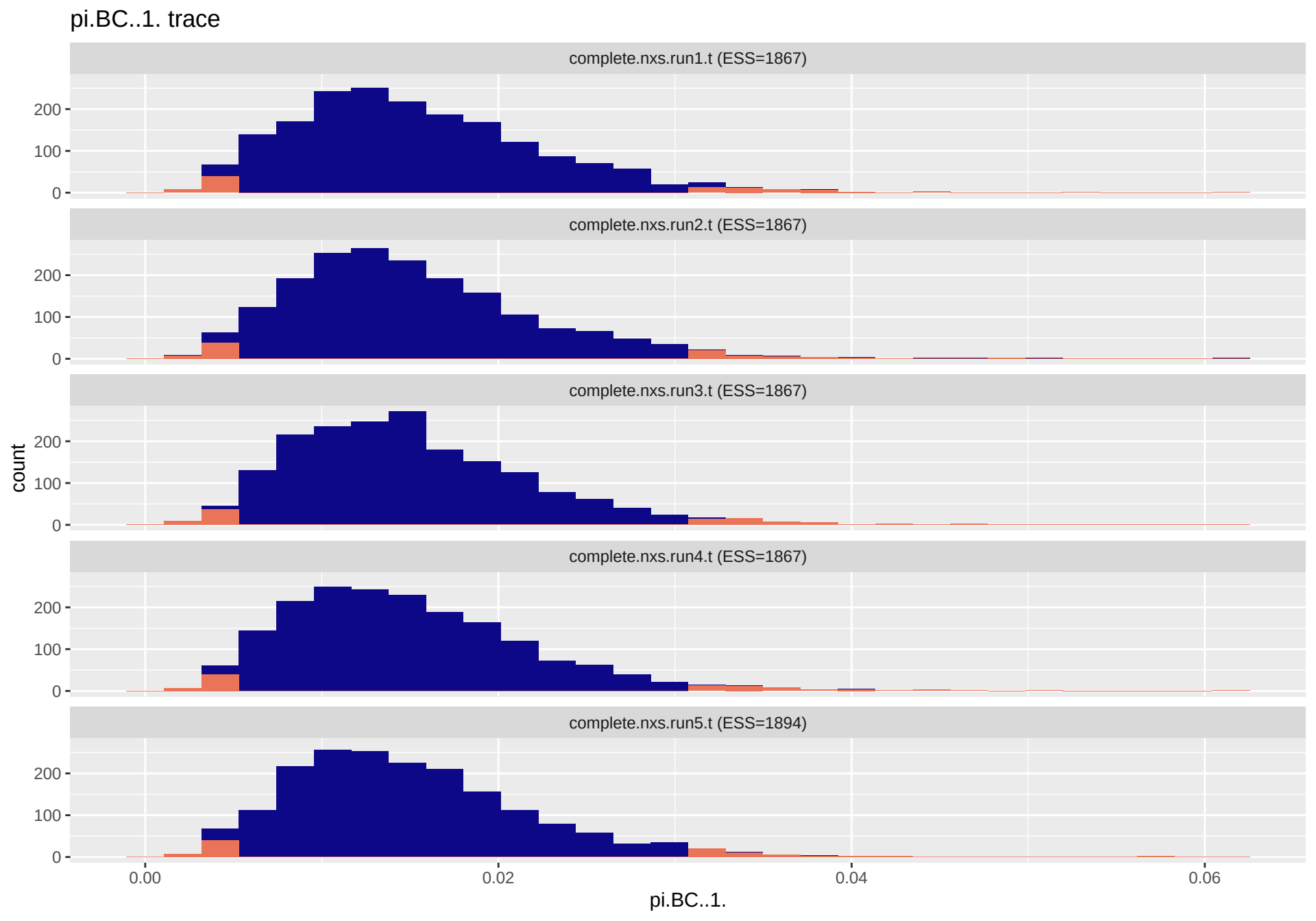

pi.BA..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1520)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1402)
pi.BA..1.
0.06
0.04
0.02
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

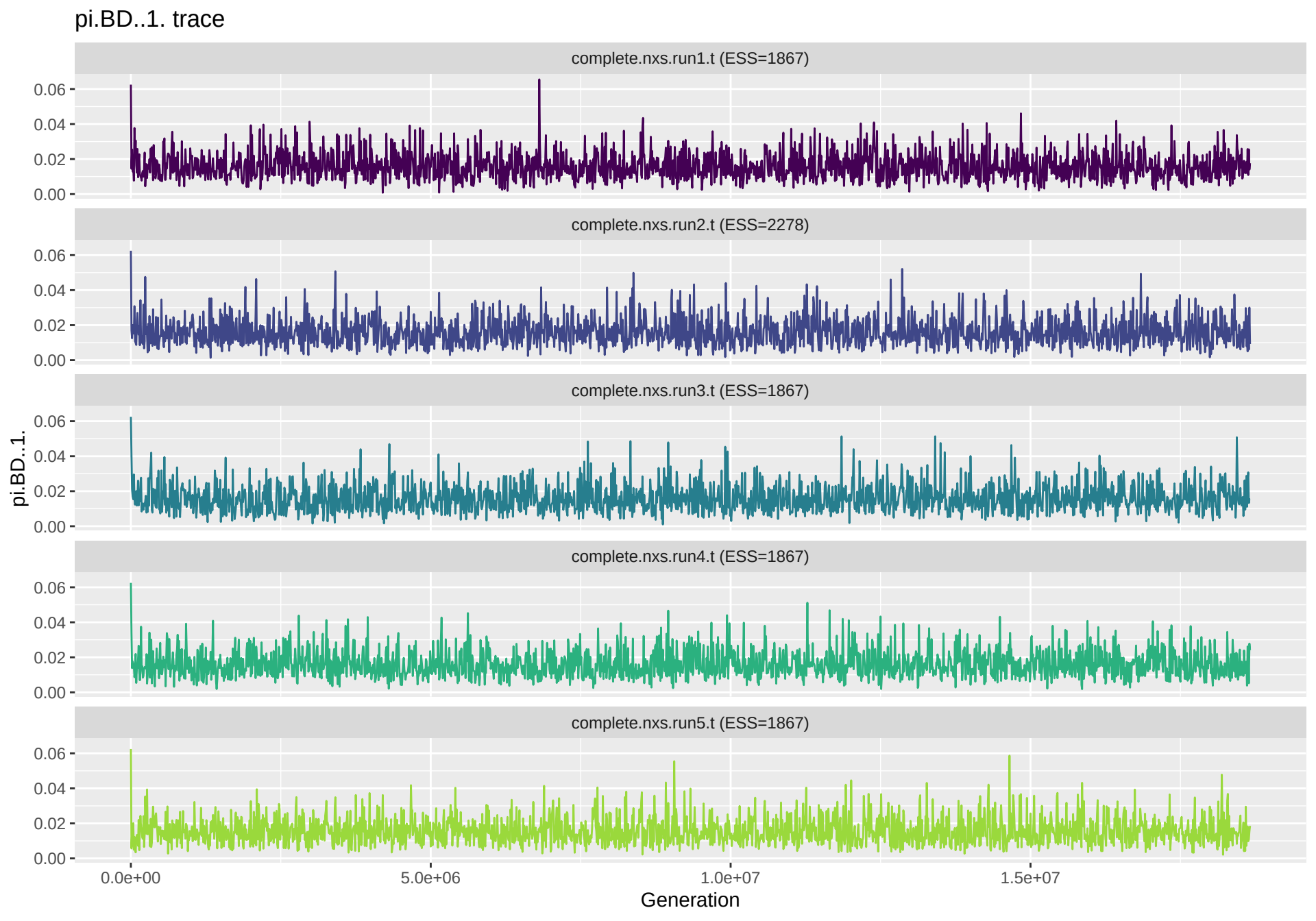

pi.BA..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1520)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1402)
count
0
200
400
600
0.00
0.02
0.04
0.06
pi.BA..1.

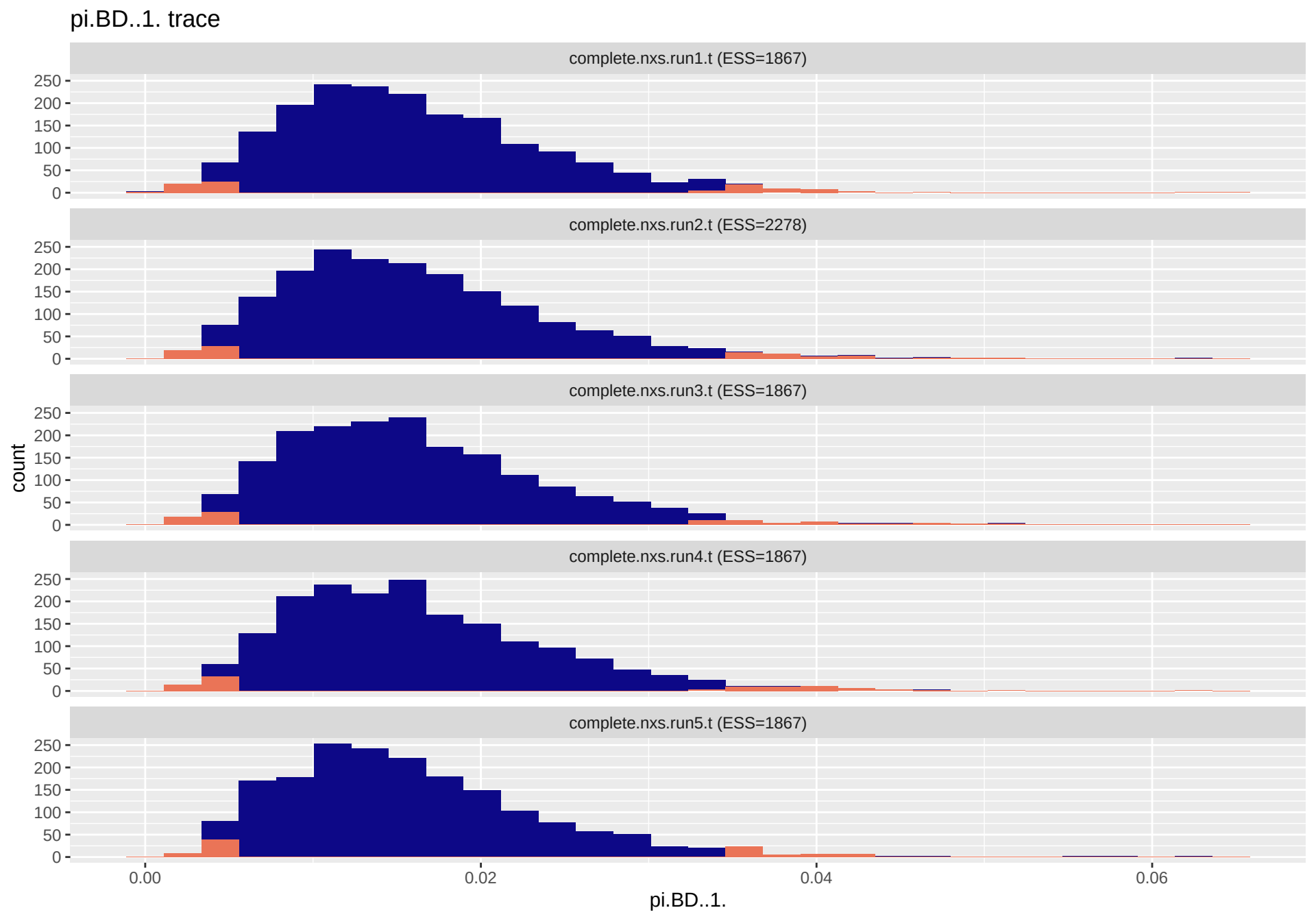

pi.BB..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1672)
complete.nxs.run5.t (ESS=1867)
pi.BB..1.
0.06
0.04
0.02
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

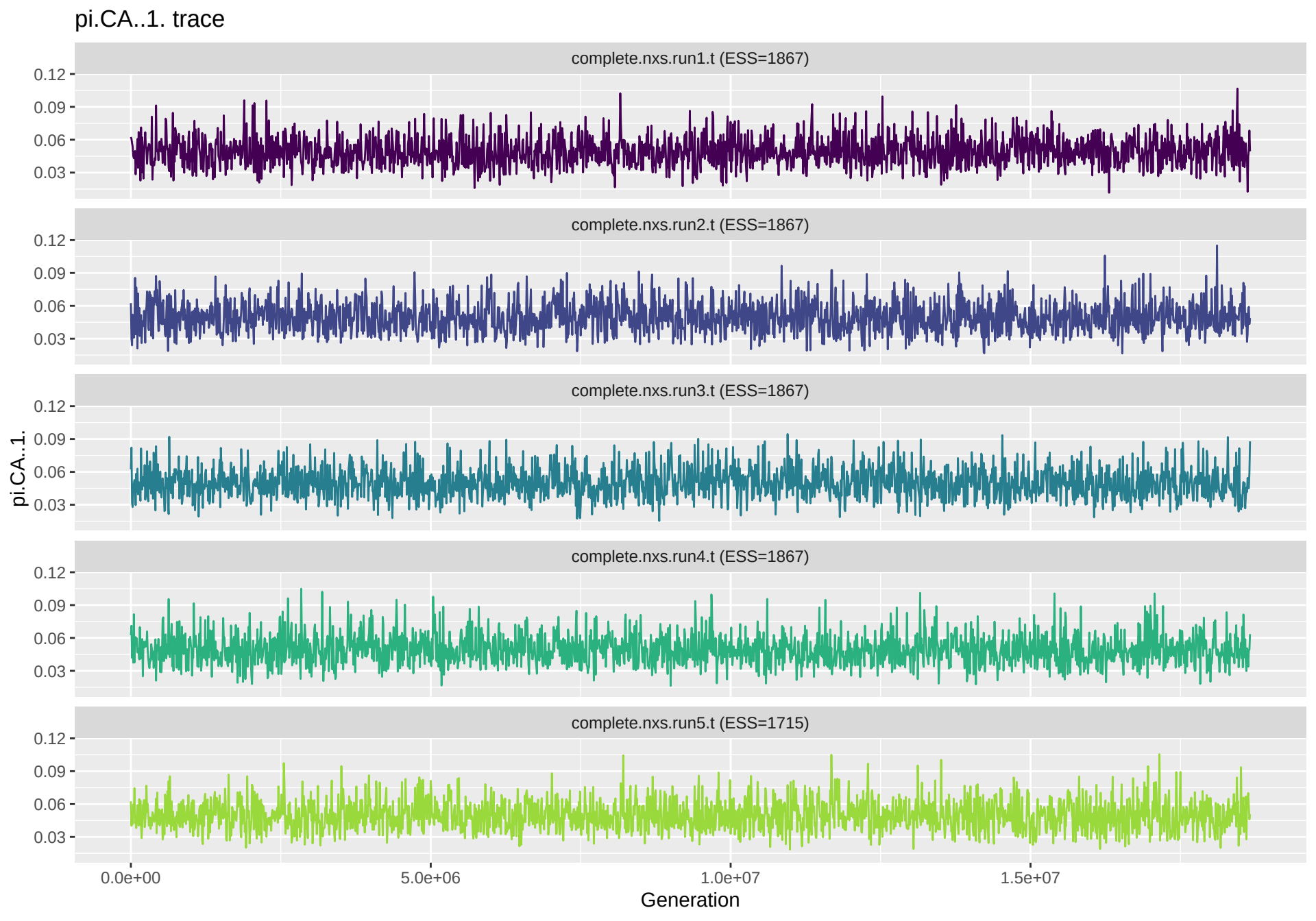

pi.BB..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1672)
complete.nxs.run5.t (ESS=1867)
count
0
200
400
600
0.00
0.02
0.04
0.06
0.08
pi.BB..1.

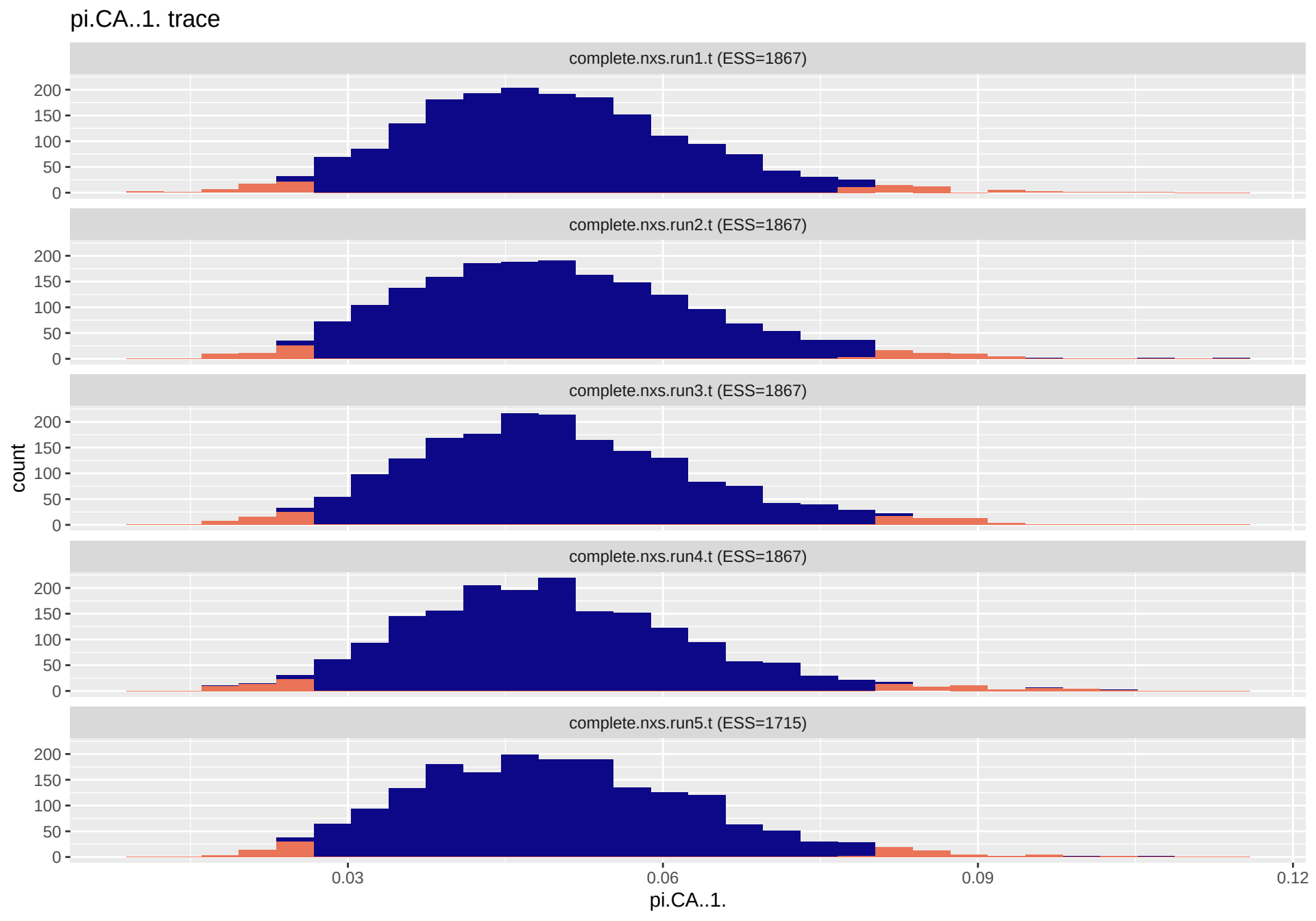

pi.BC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1894)
pi.BC..1.
0.06
0.04
0.02
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

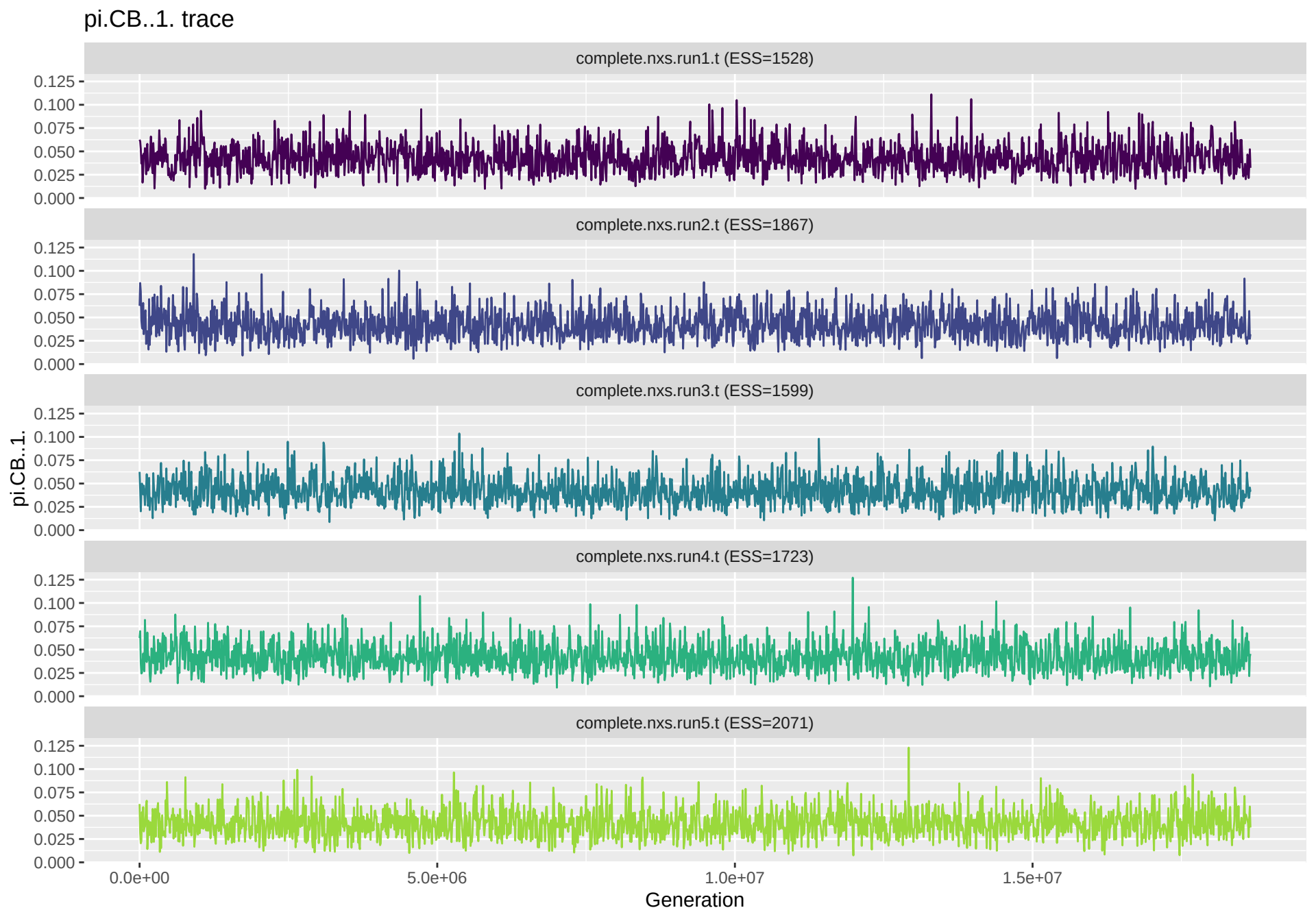

pi.BC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1894)
count
0
100
200
0.00
0.02
0.04
0.06
pi.BC..1.

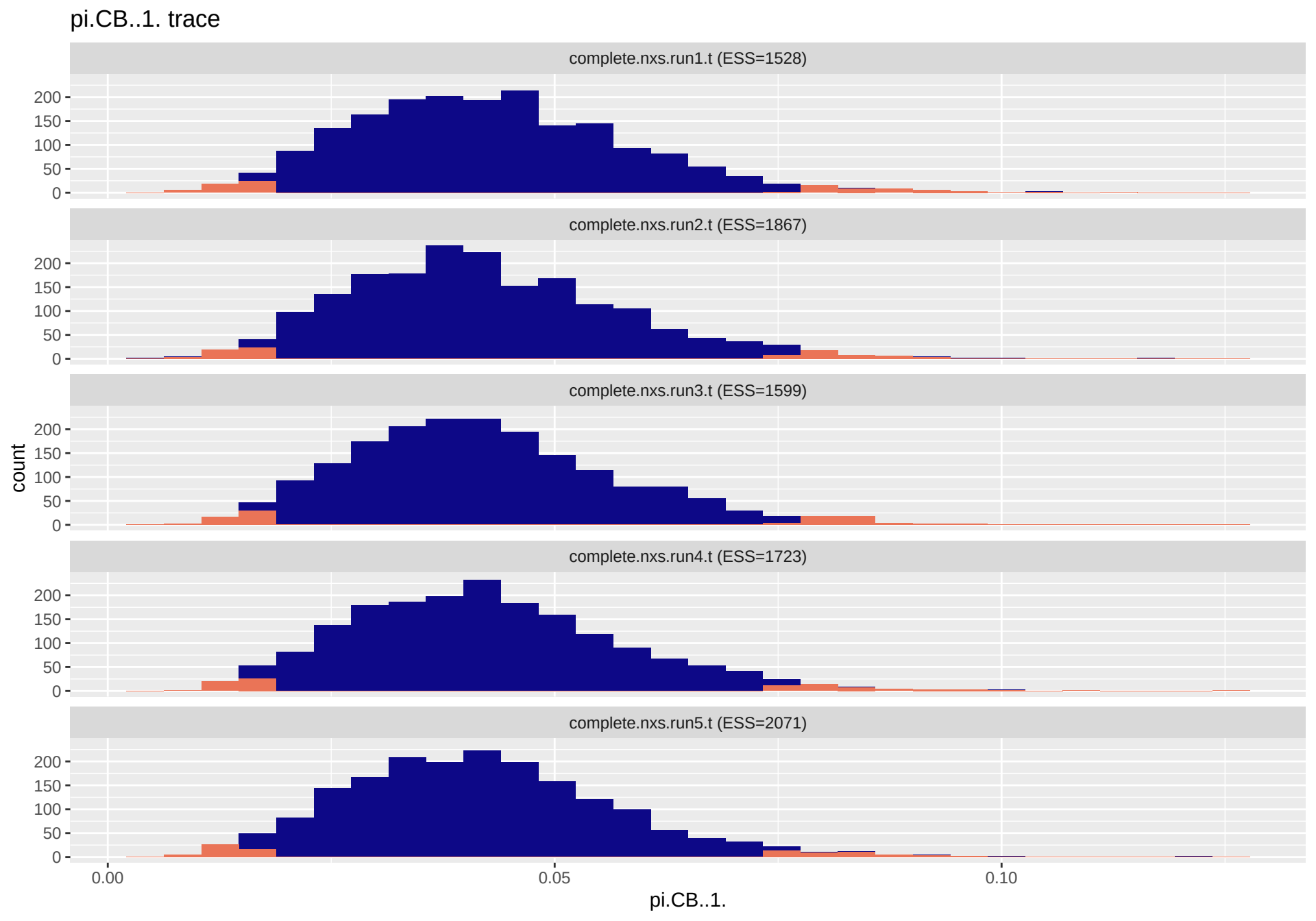

pi.BD..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2278)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
pi.BD..1.
0.06
0.04
0.02
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

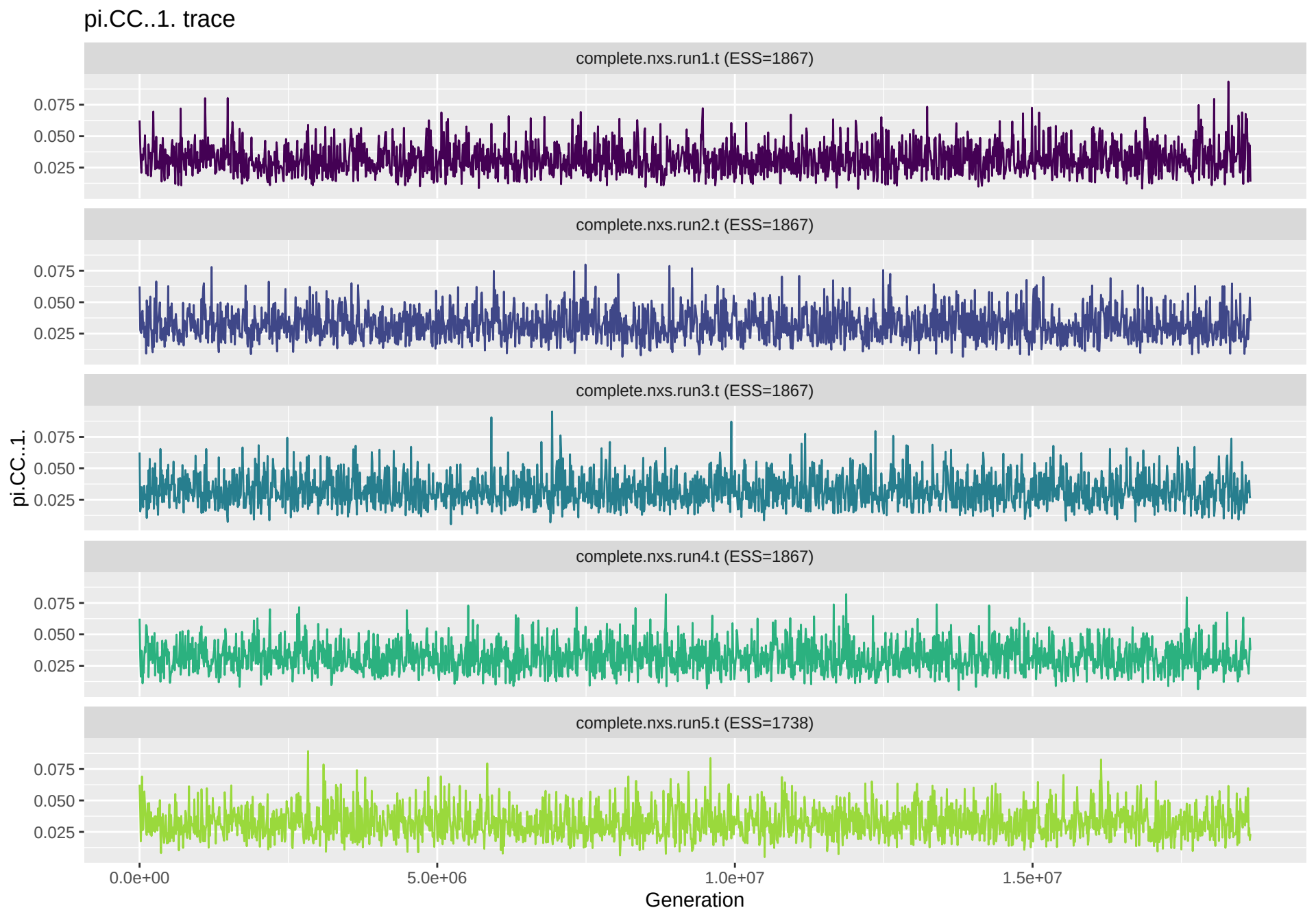

pi.BD..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2278)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
250
0.00
0.02
0.04
0.06
pi.BD..1.

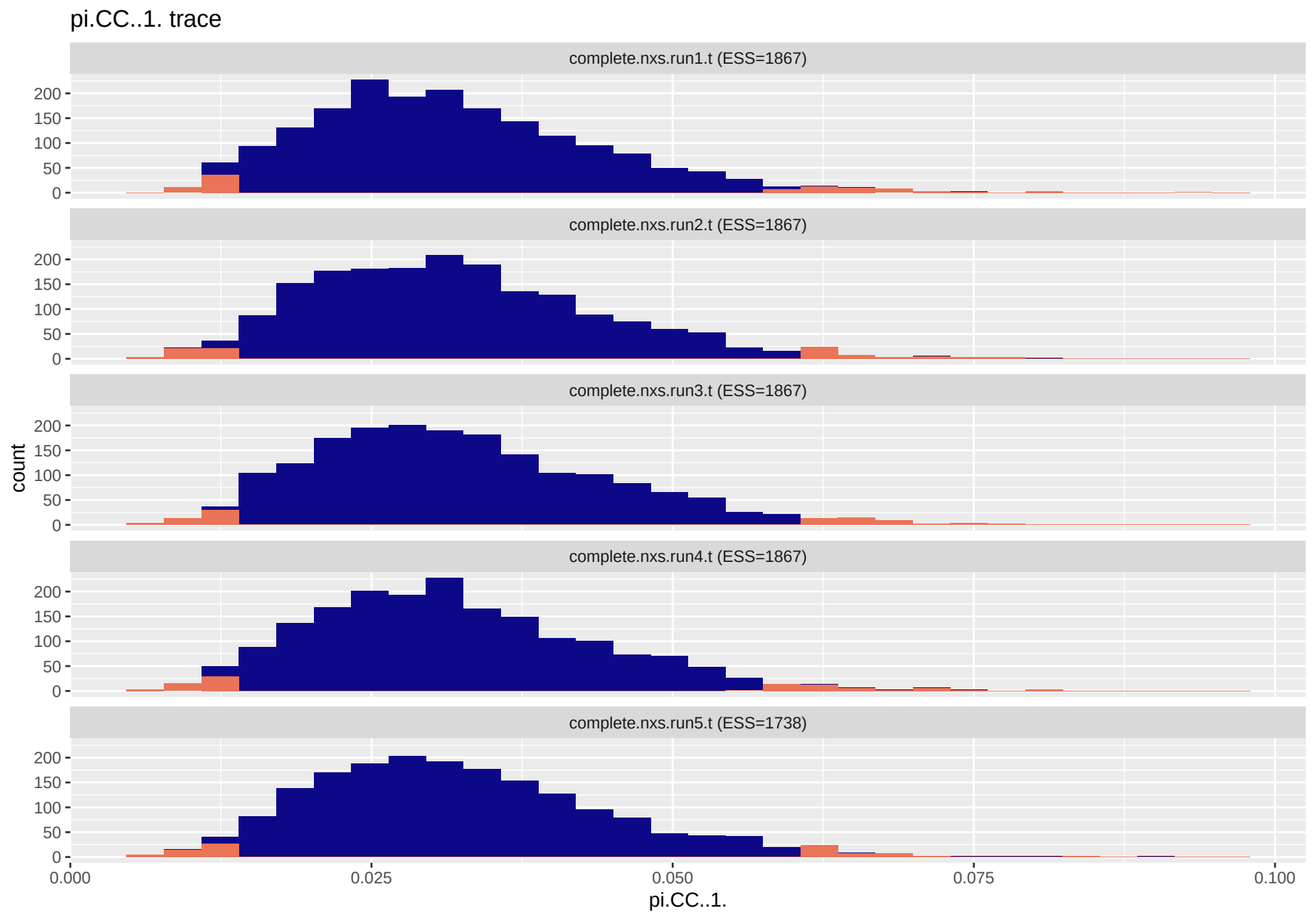

pi.CA..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1715)
pi.CA..1.
0.12
0.09
0.06
0.03
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

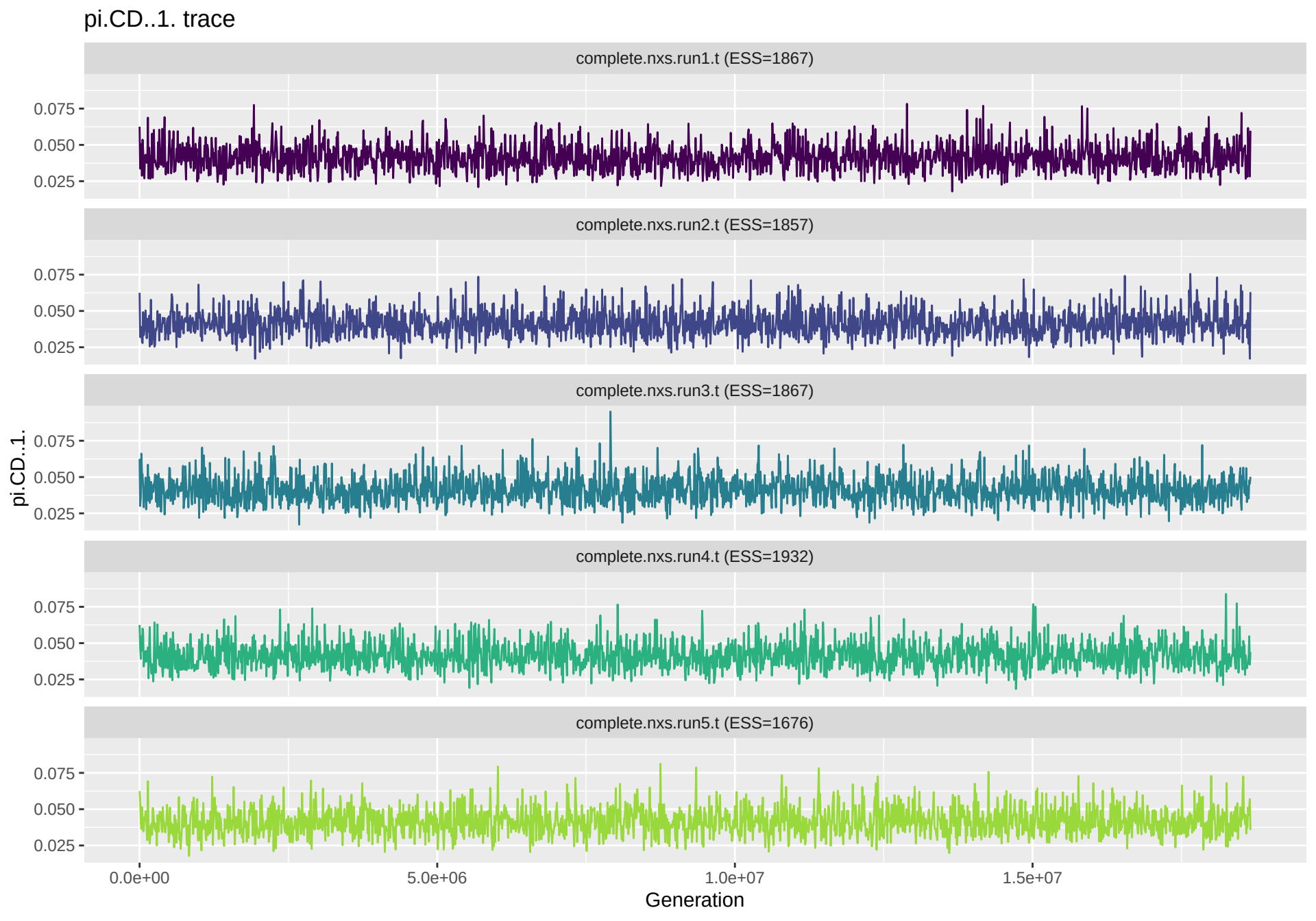

pi.CA..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1715)
count
0
50
100
150
200
0.03
0.06
0.09
0.12
pi.CA..1.

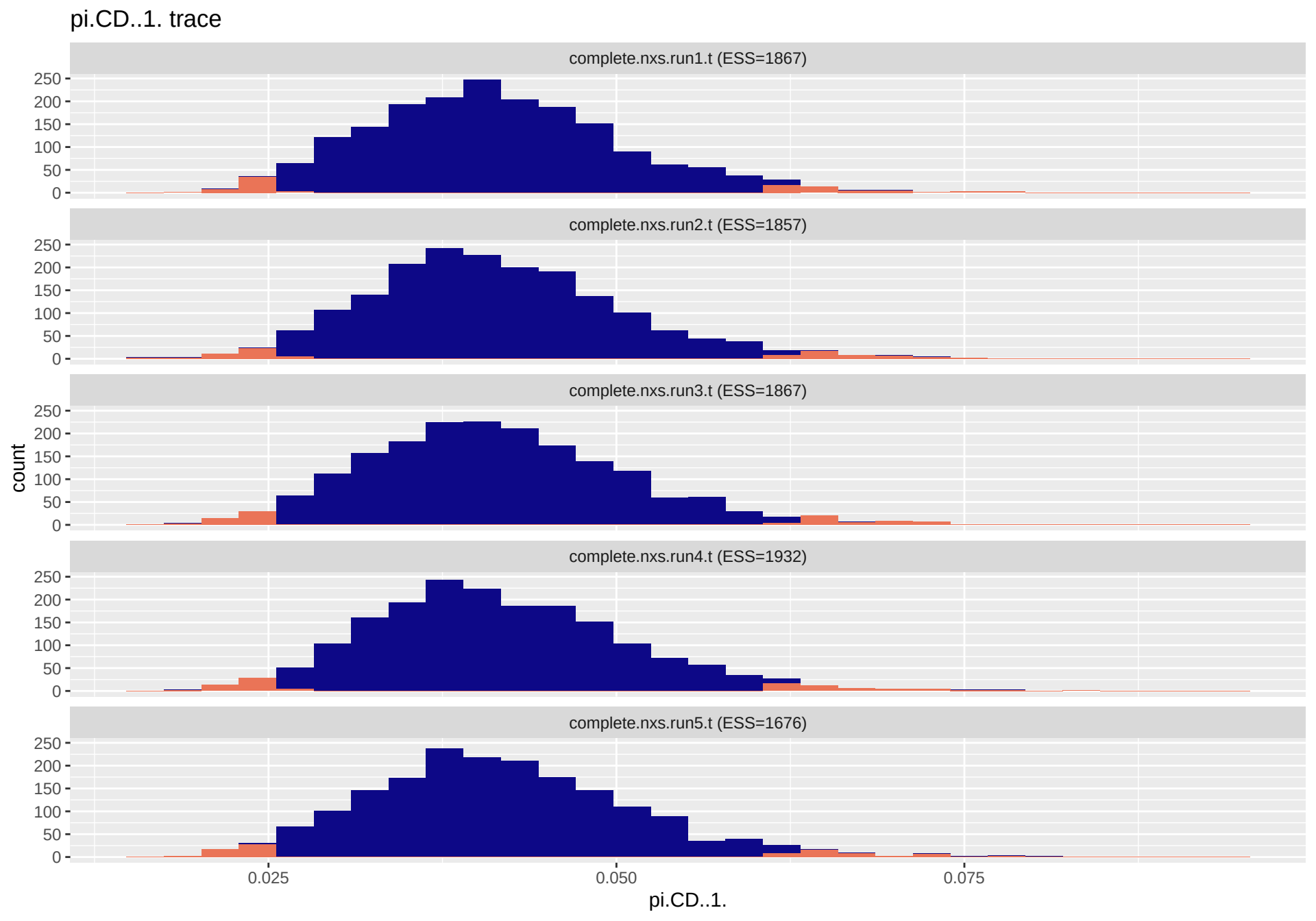

pi.CB..1. trace
complete.nxs.run1.t (ESS=1528)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1599)
complete.nxs.run4.t (ESS=1723)
complete.nxs.run5.t (ESS=2071)
pi.CB..1.
0.125
0.100
0.075
0.050
0.025
0.000
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

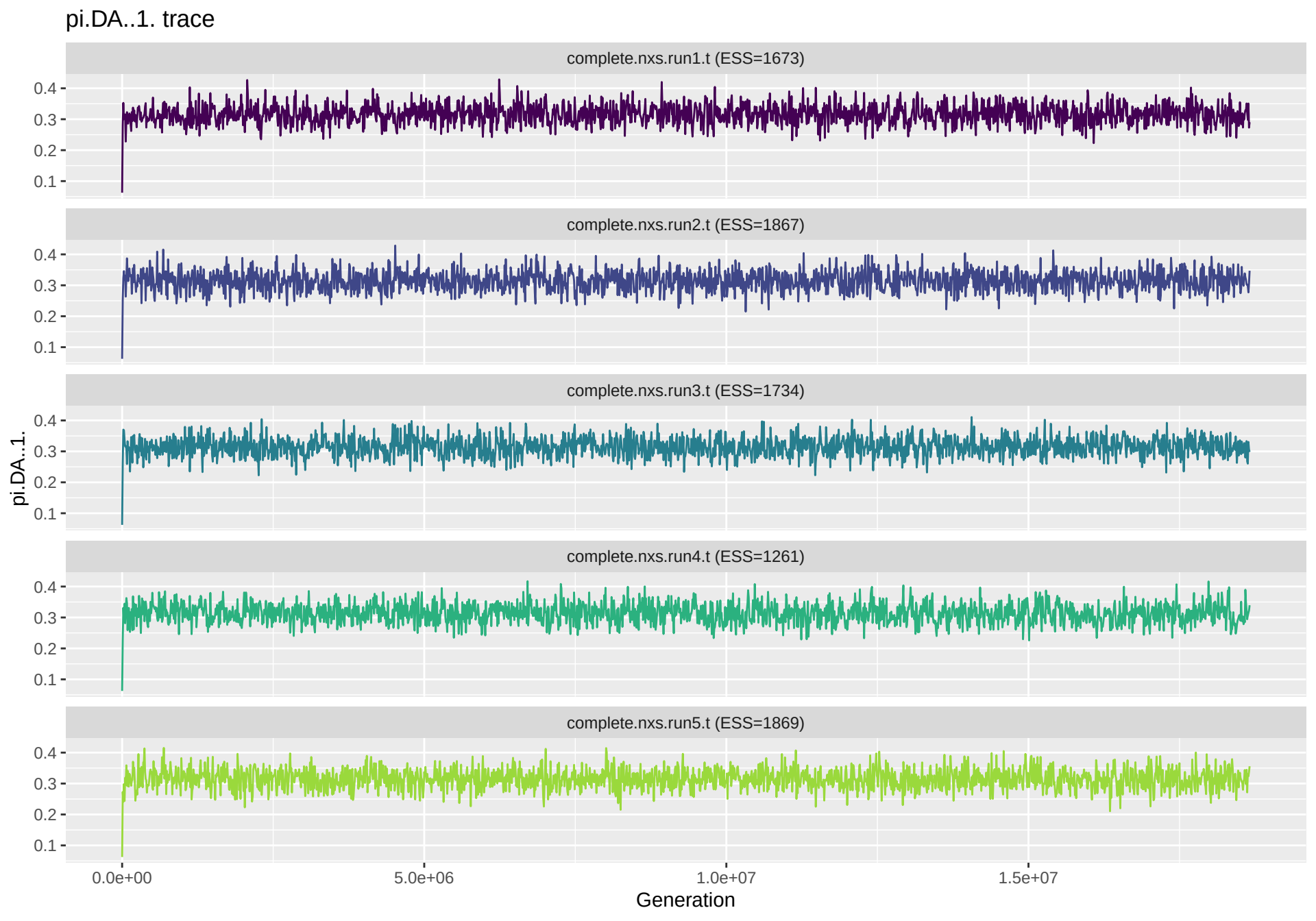

pi.CB..1. trace
complete.nxs.run1.t (ESS=1528)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1599)
complete.nxs.run4.t (ESS=1723)
complete.nxs.run5.t (ESS=2071)
count
0
50
100
150
200
0.00
0.05
0.10
pi.CB..1.

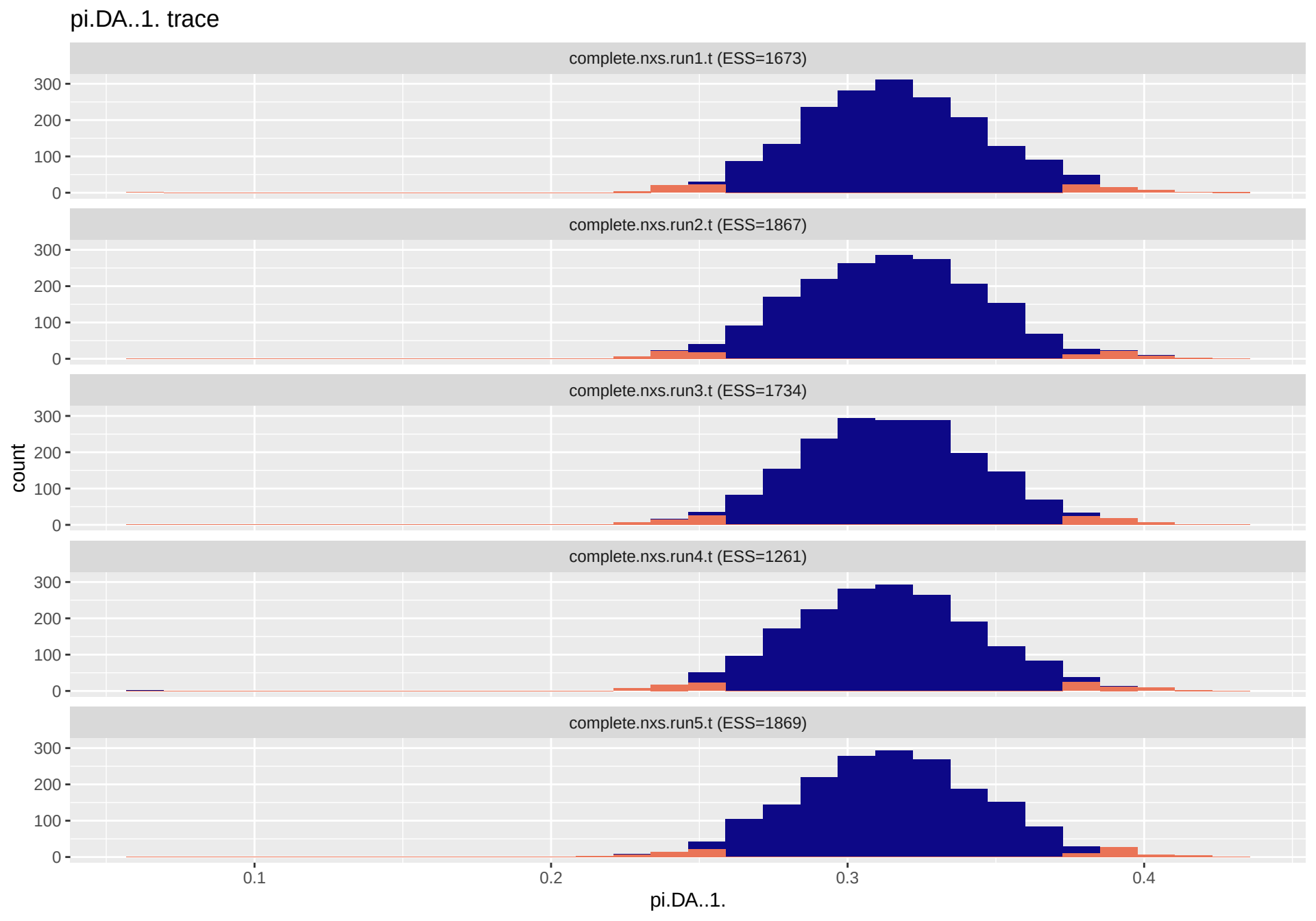

pi.CC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1738)
pi.CC..1.
0.075
0.050
0.025
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

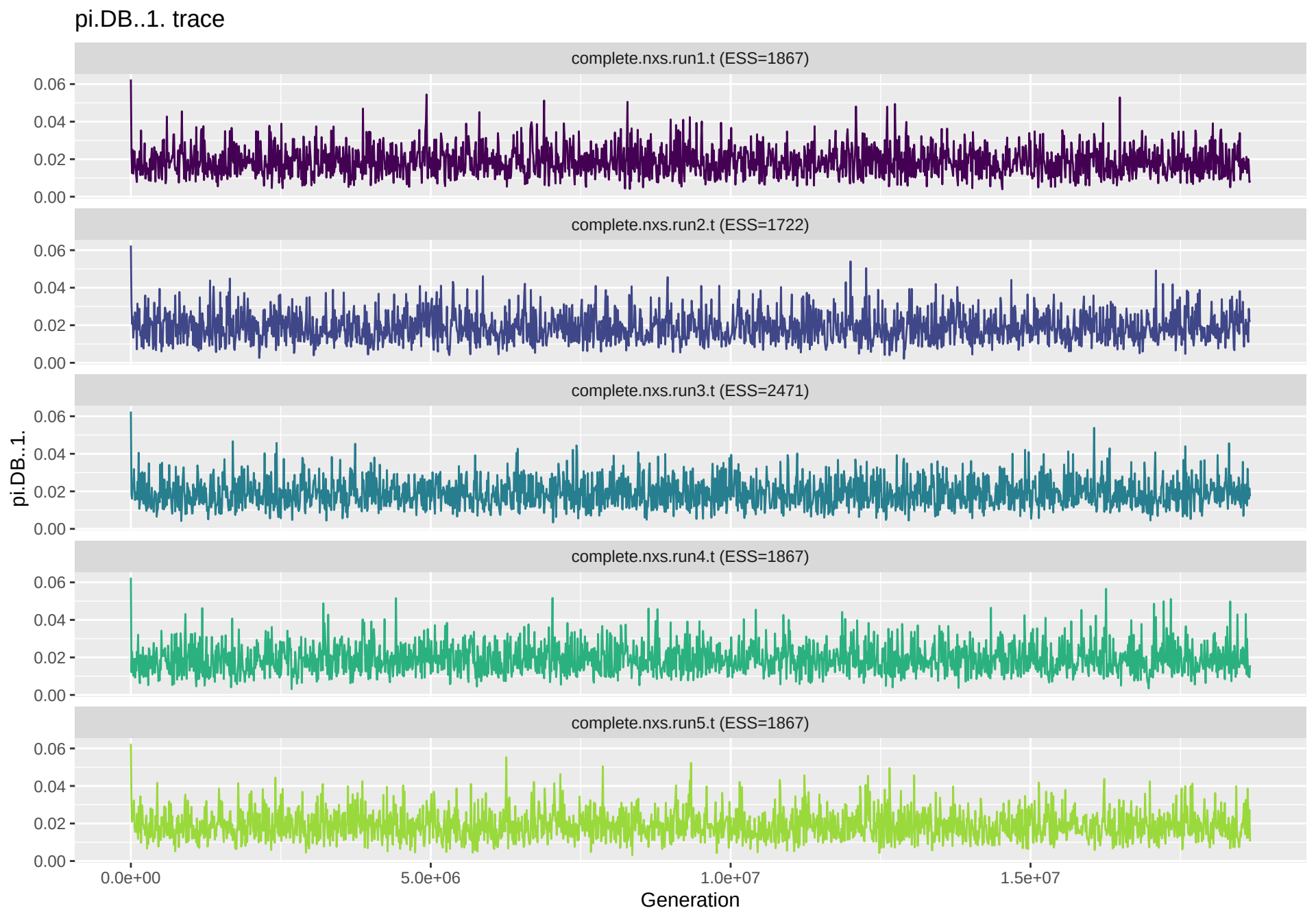

pi.CC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1738)
count
0
50
100
150
200
0.000
0.025
0.050
0.075
0.100
pi.CC..1.

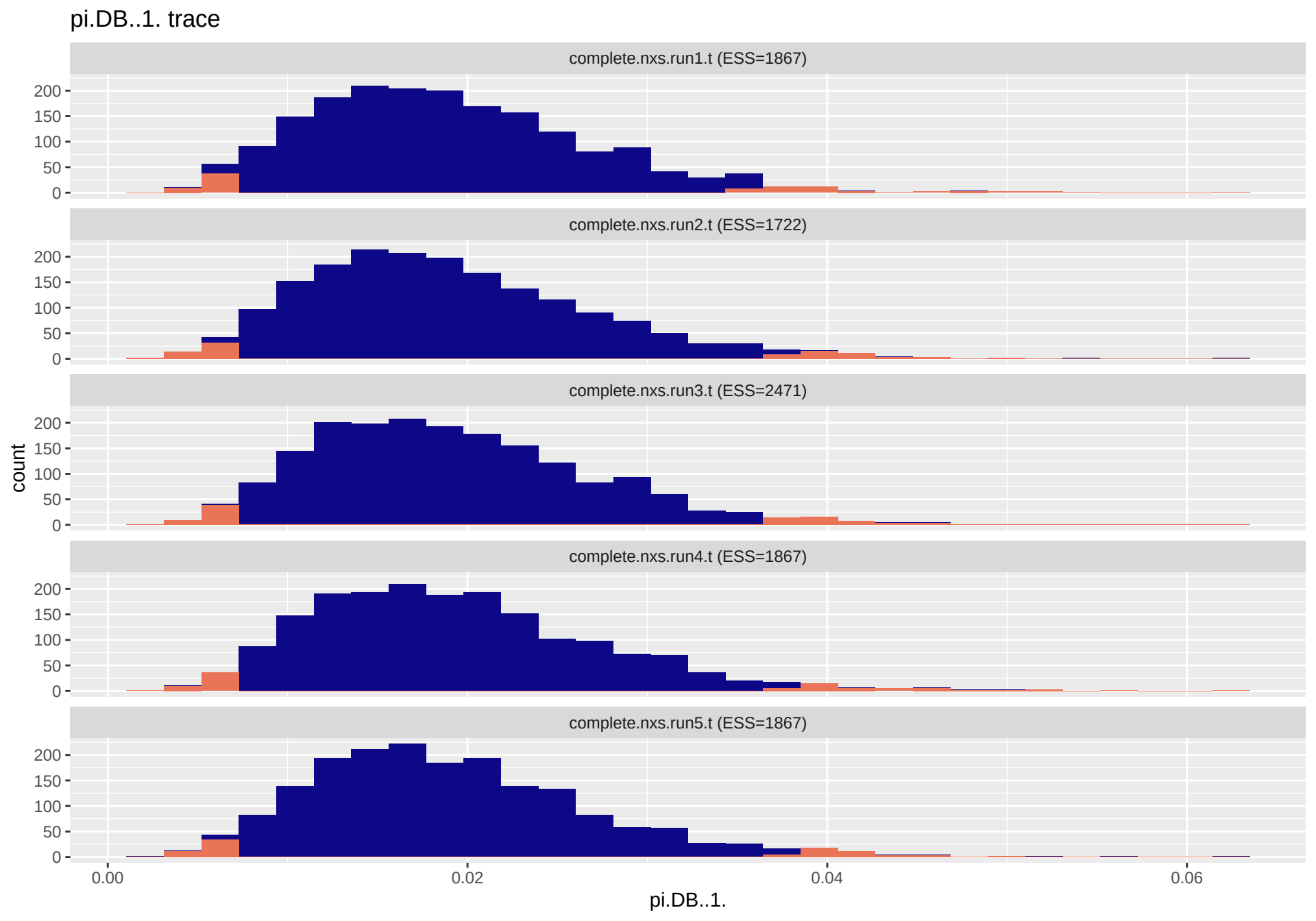

pi.CD..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1857)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1932)
complete.nxs.run5.t (ESS=1676)
0.075
0.050
0.025
pi.CD..1.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

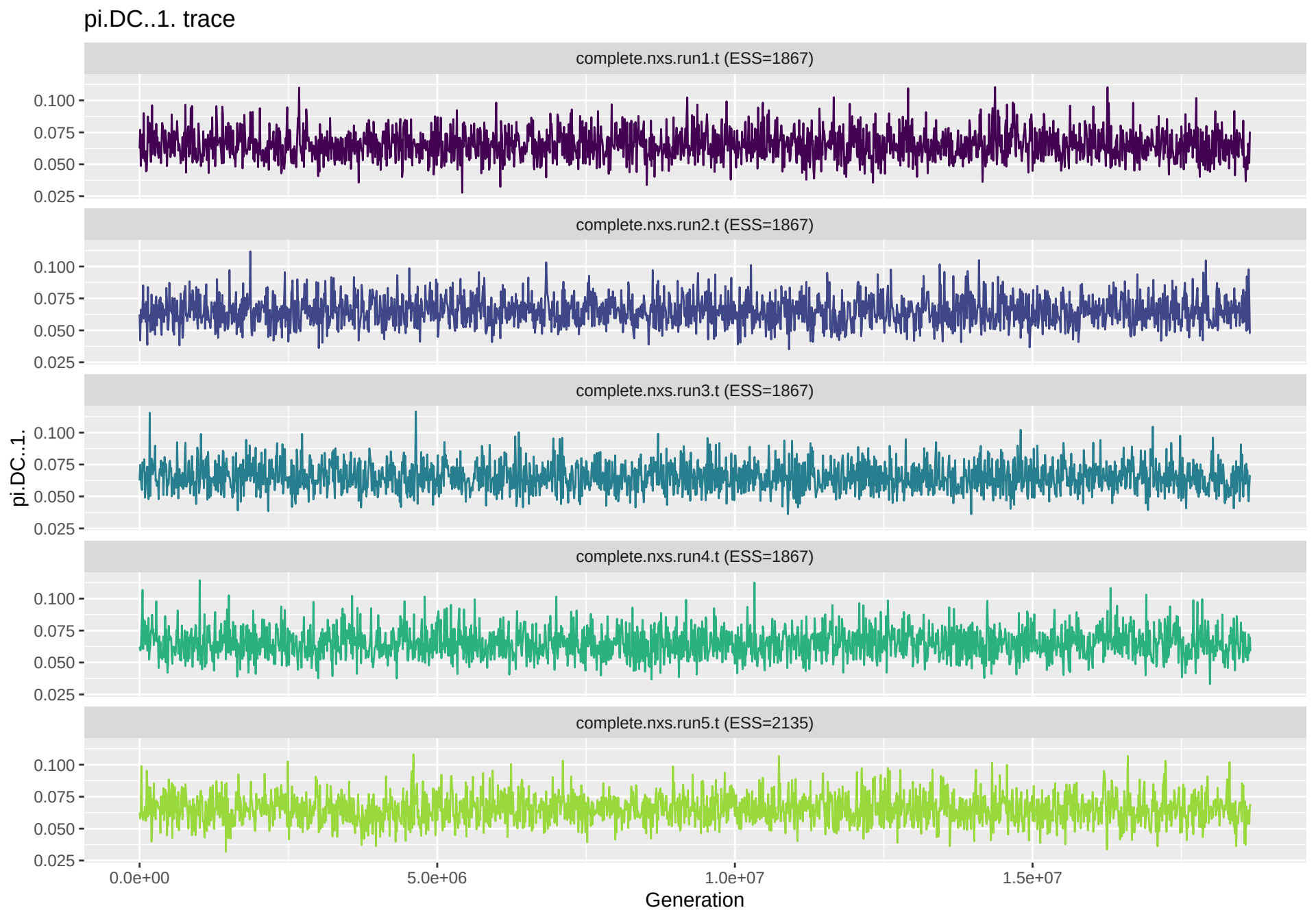

pi.CD..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1857)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1932)
complete.nxs.run5.t (ESS=1676)
count
0
50
100
150
200
250
0.025
0.050
0.075
pi.CD..1.

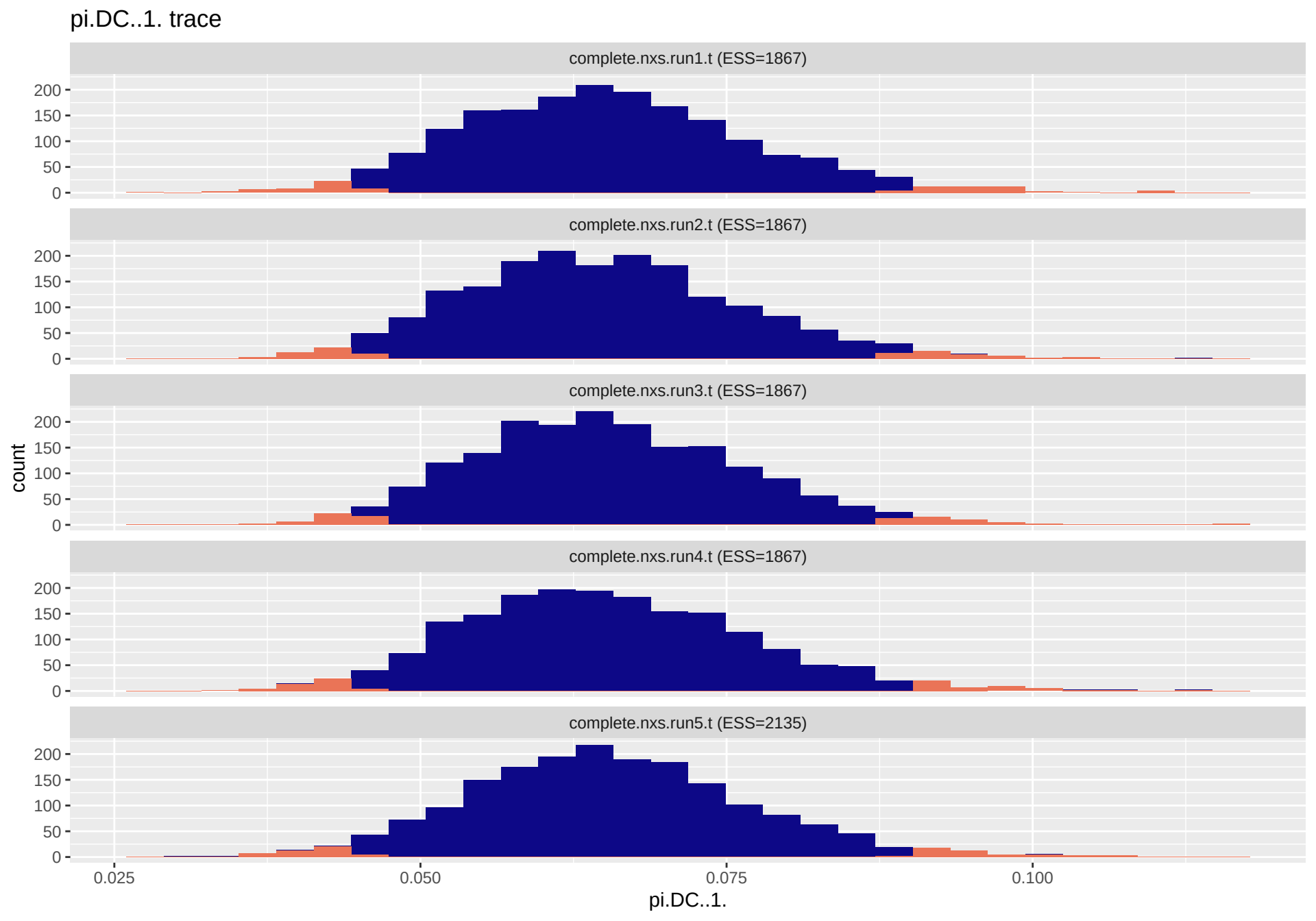

pi.DA..1. trace
complete.nxs.run1.t (ESS=1673)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1734)
complete.nxs.run4.t (ESS=1261)
complete.nxs.run5.t (ESS=1869)
pi.DA..1.
0.4
0.3
0.2
0.1
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

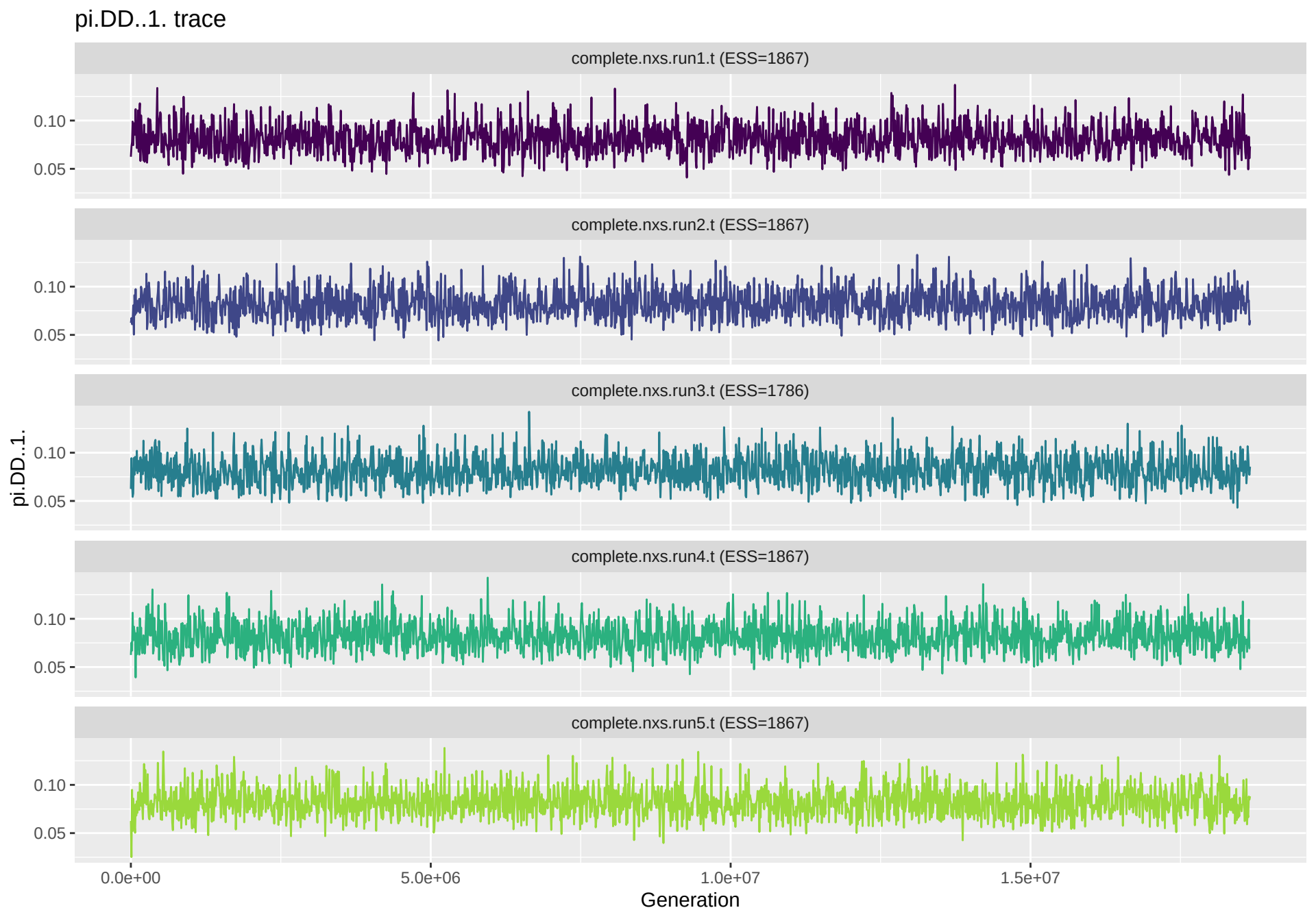

pi.DA..1. trace
complete.nxs.run1.t (ESS=1673)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1734)
complete.nxs.run4.t (ESS=1261)
complete.nxs.run5.t (ESS=1869)
count
0
100
200
300
0.1
0.2
0.3
0.4
pi.DA..1.

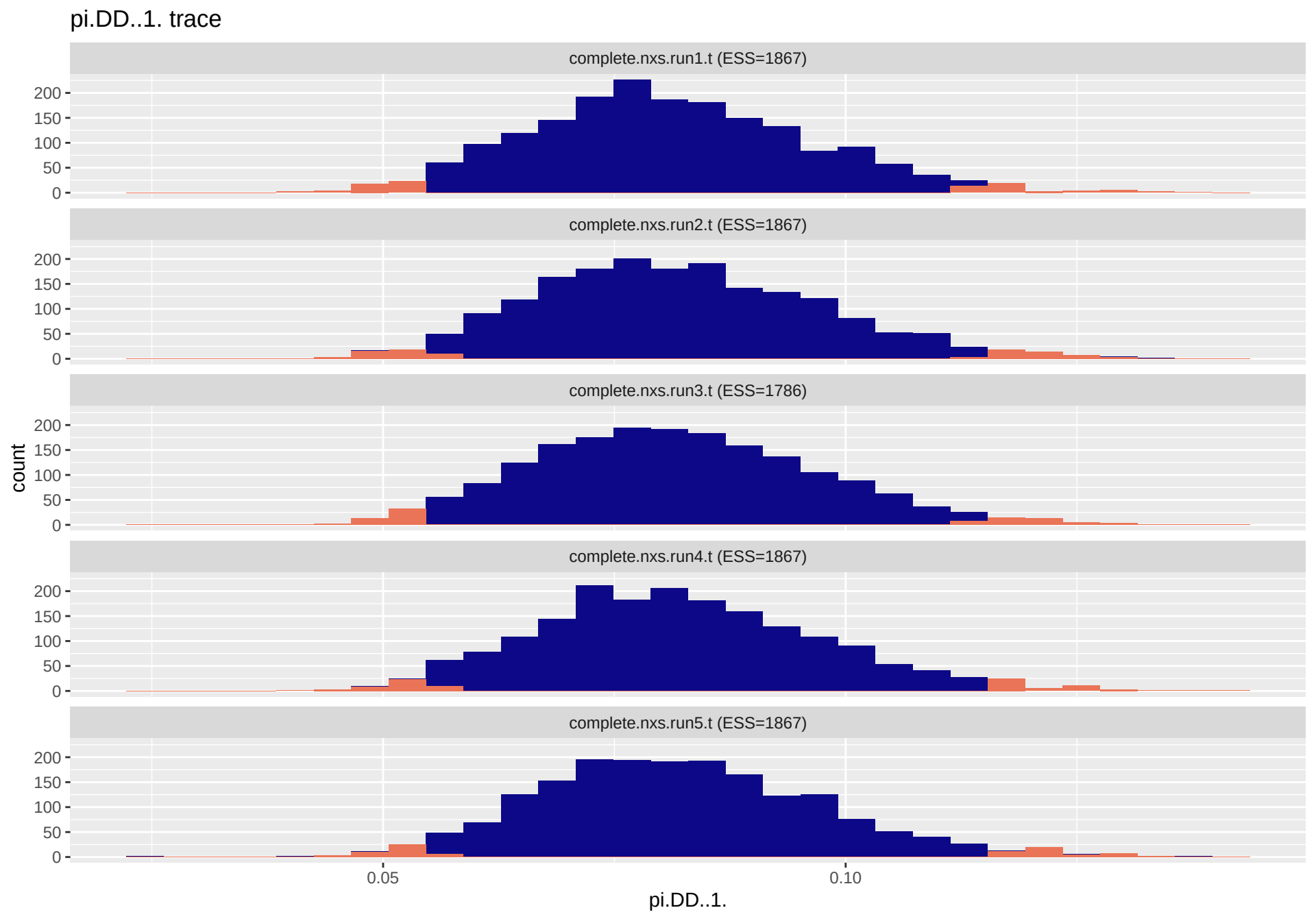

pi.DB..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1722)
complete.nxs.run3.t (ESS=2471)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
pi.DB..1.
0.06
0.04
0.02
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

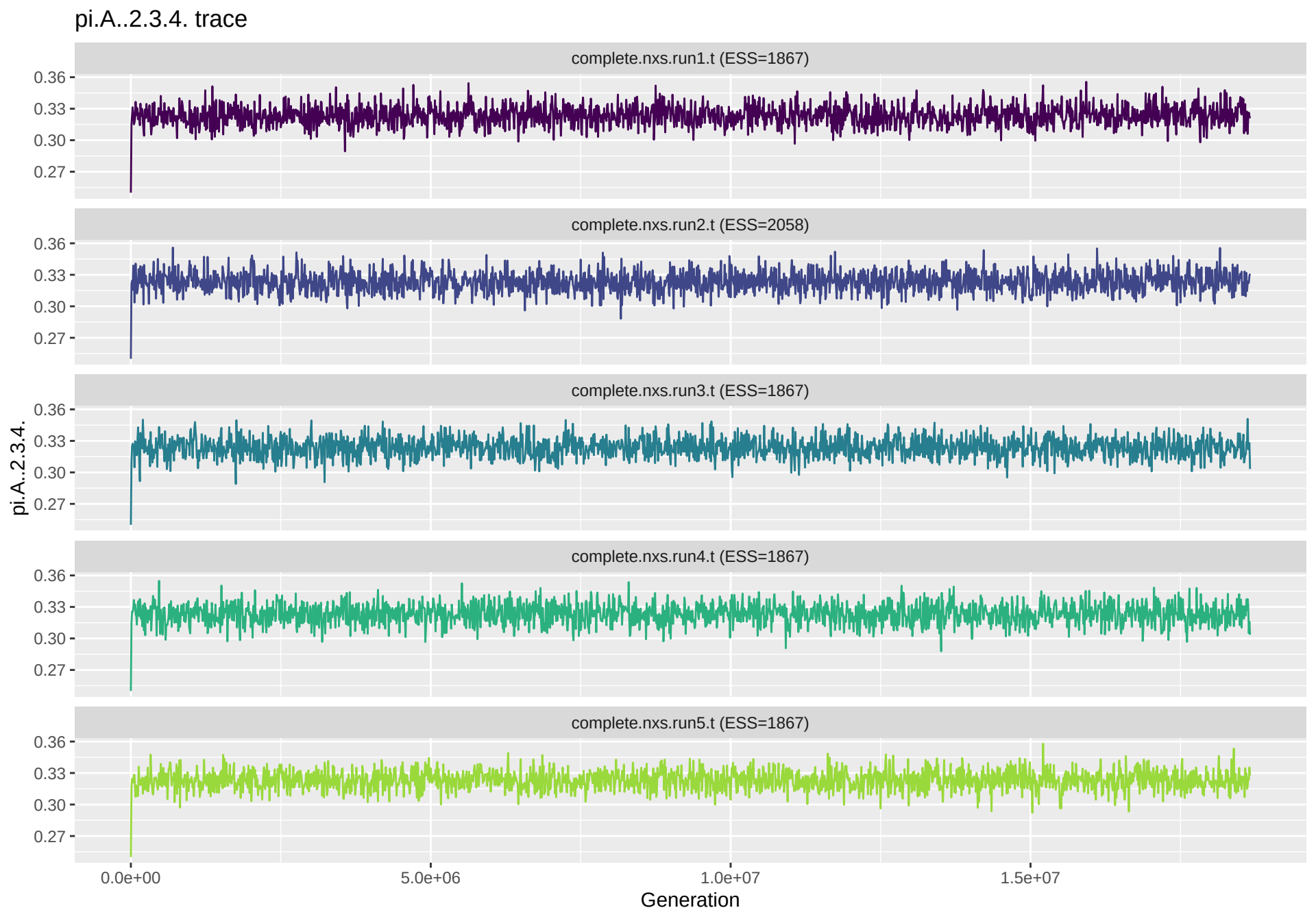

pi.DB..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1722)
complete.nxs.run3.t (ESS=2471)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
0.00
0.02
0.04
0.06
pi.DB..1.

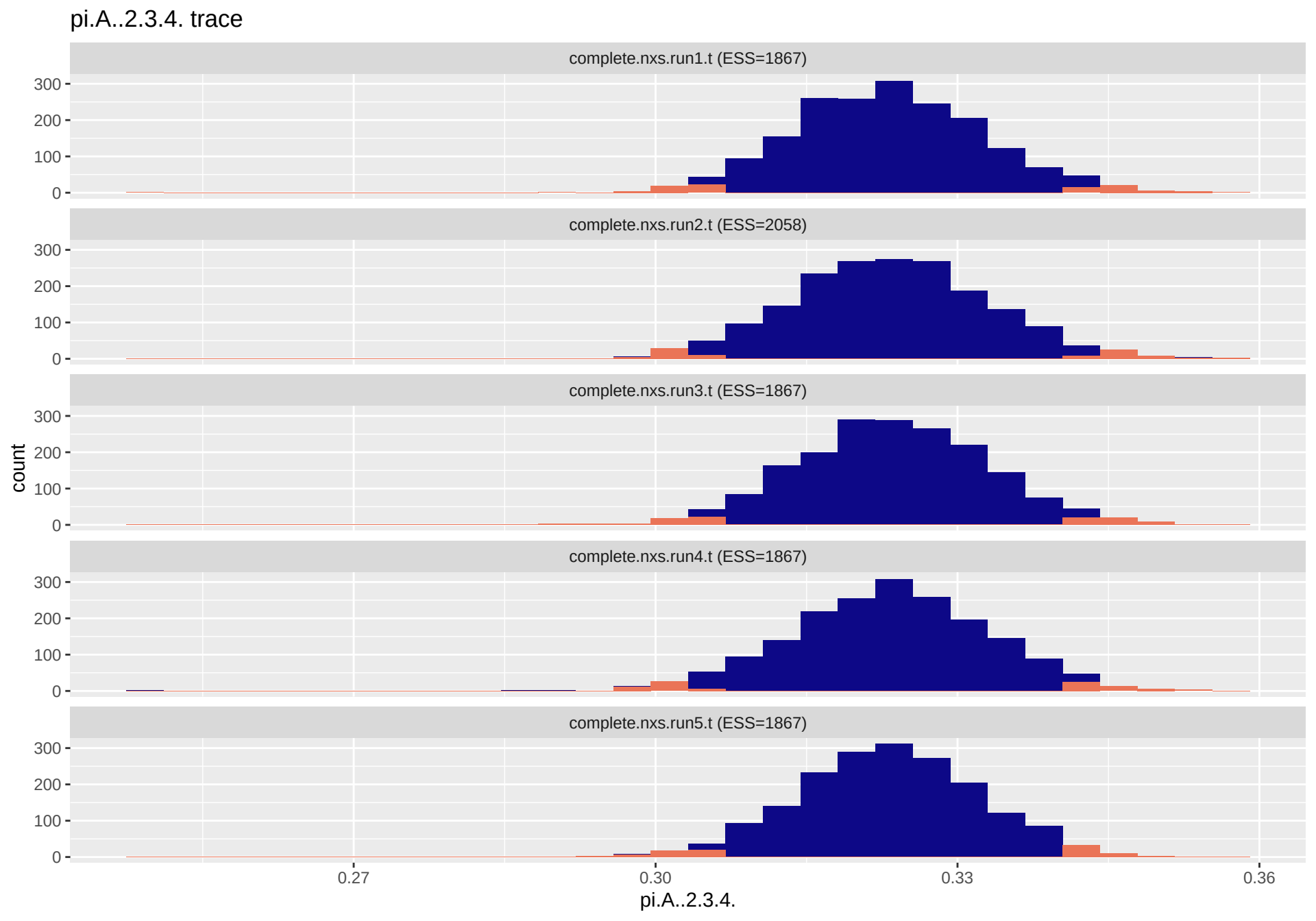

pi.DC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=2135)
pi.DC..1.
0.100
0.075
0.050
0.025
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


pi.DC..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=2135)
count
0
50
100
150
200
0.025
0.050
0.075
0.100
pi.DC..1.

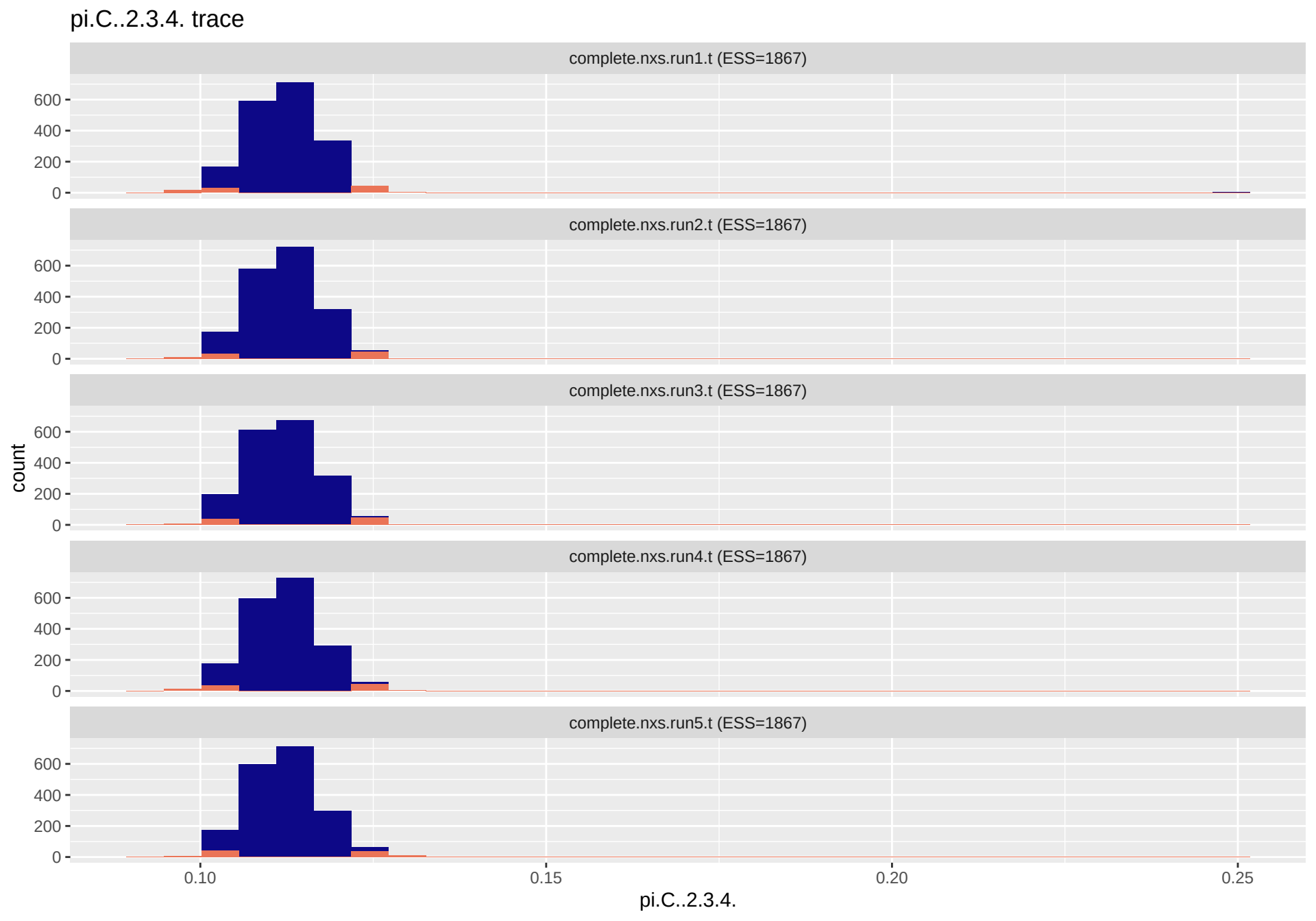

pi.DD..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1786)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
pi.DD..1.
0.10
0.05
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

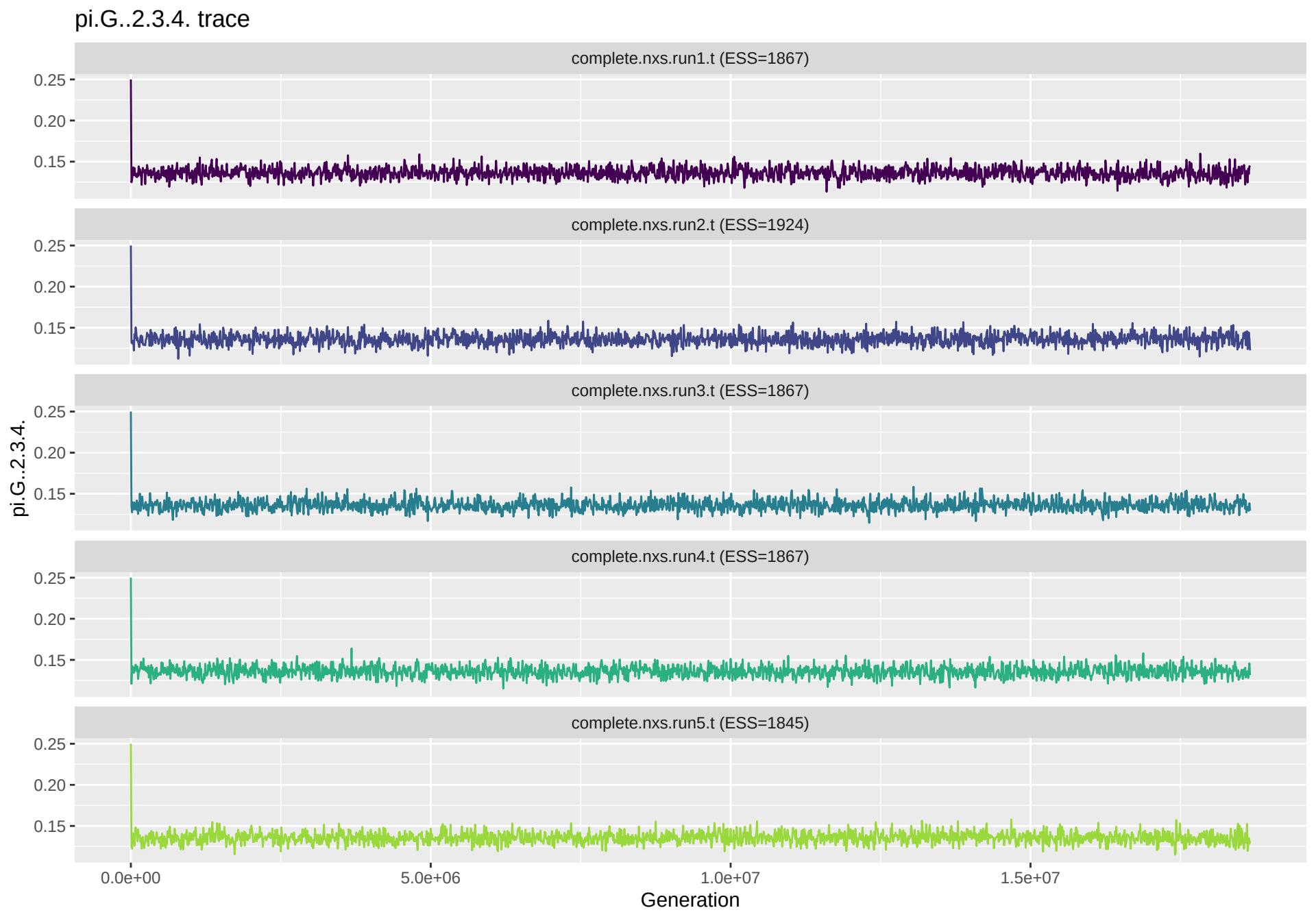

pi.DD..1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1786)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
0.05
0.10
pi.DD..1.

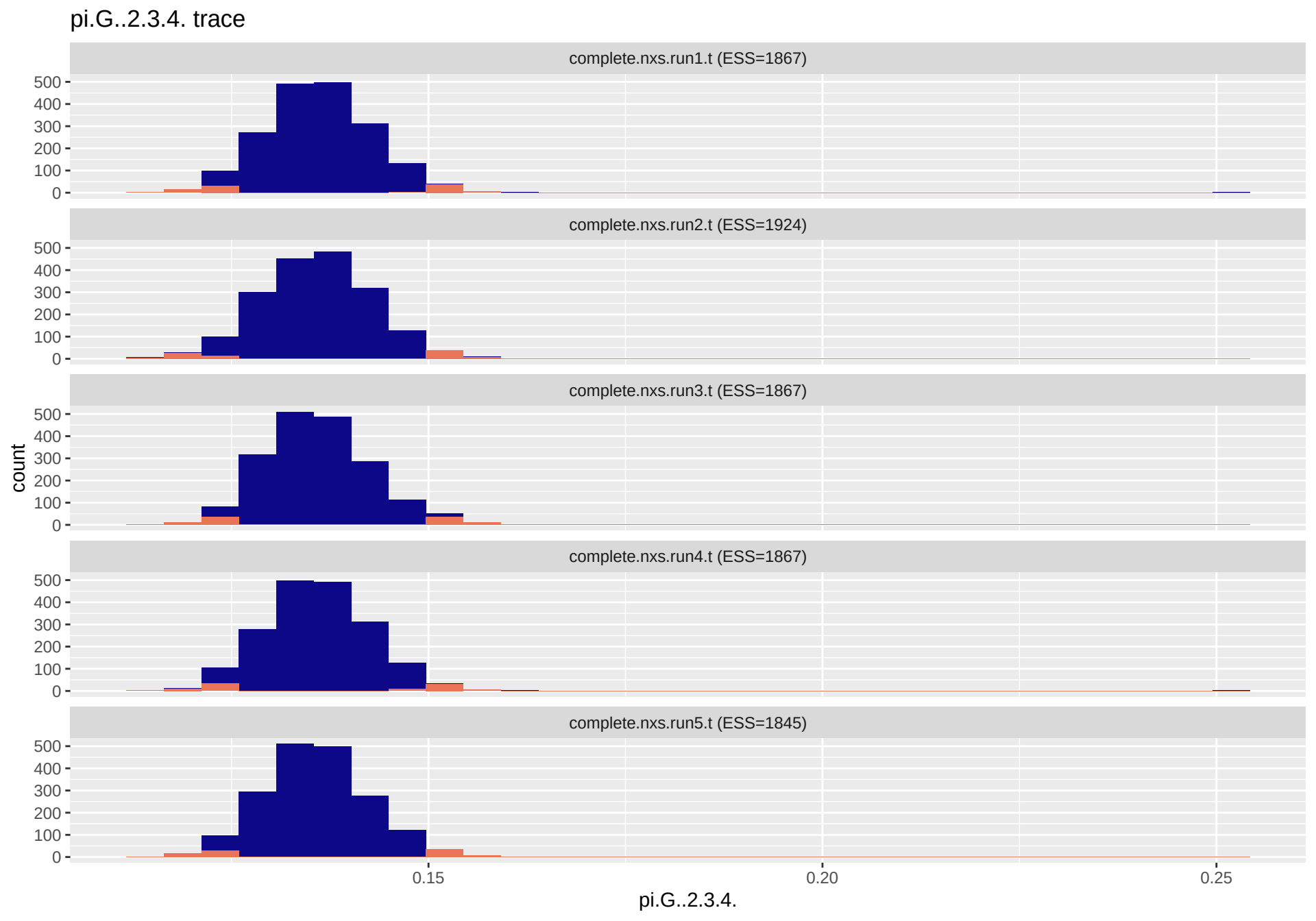

pi.A..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2058)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
0.36
0.33
0.30
0.27
pi.A..2.3.4.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


pi.A..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2058)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
300
200
100
0
0.27
0.30
0.33
0.36
pi.A..2.3.4.

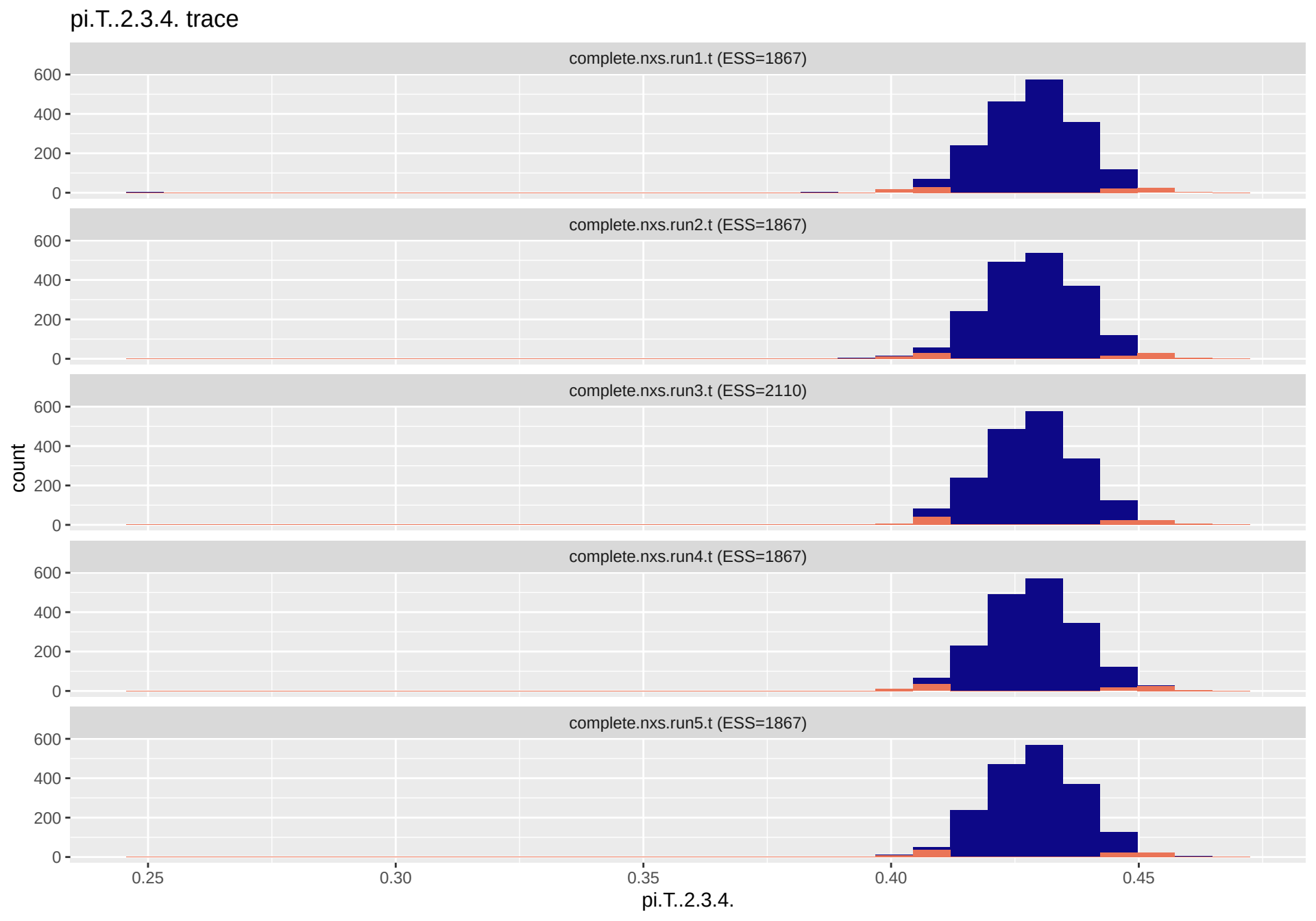

pi.C..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
pi.C..2.3.4.
0.25
0.20
0.15
0.10
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

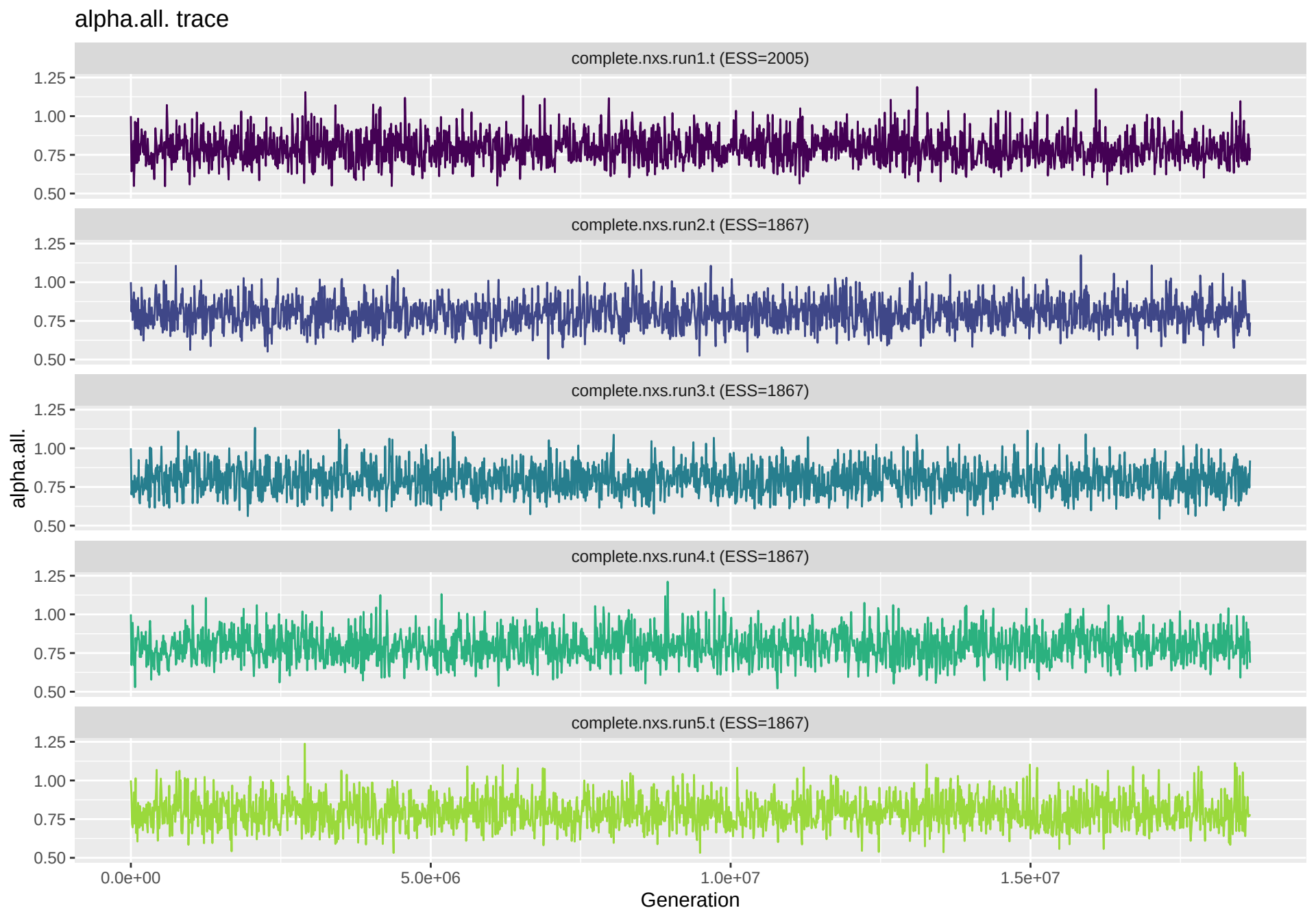

pi.C..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
200
400
600
0.10
0.15
0.20
0.25
pi.C..2.3.4.

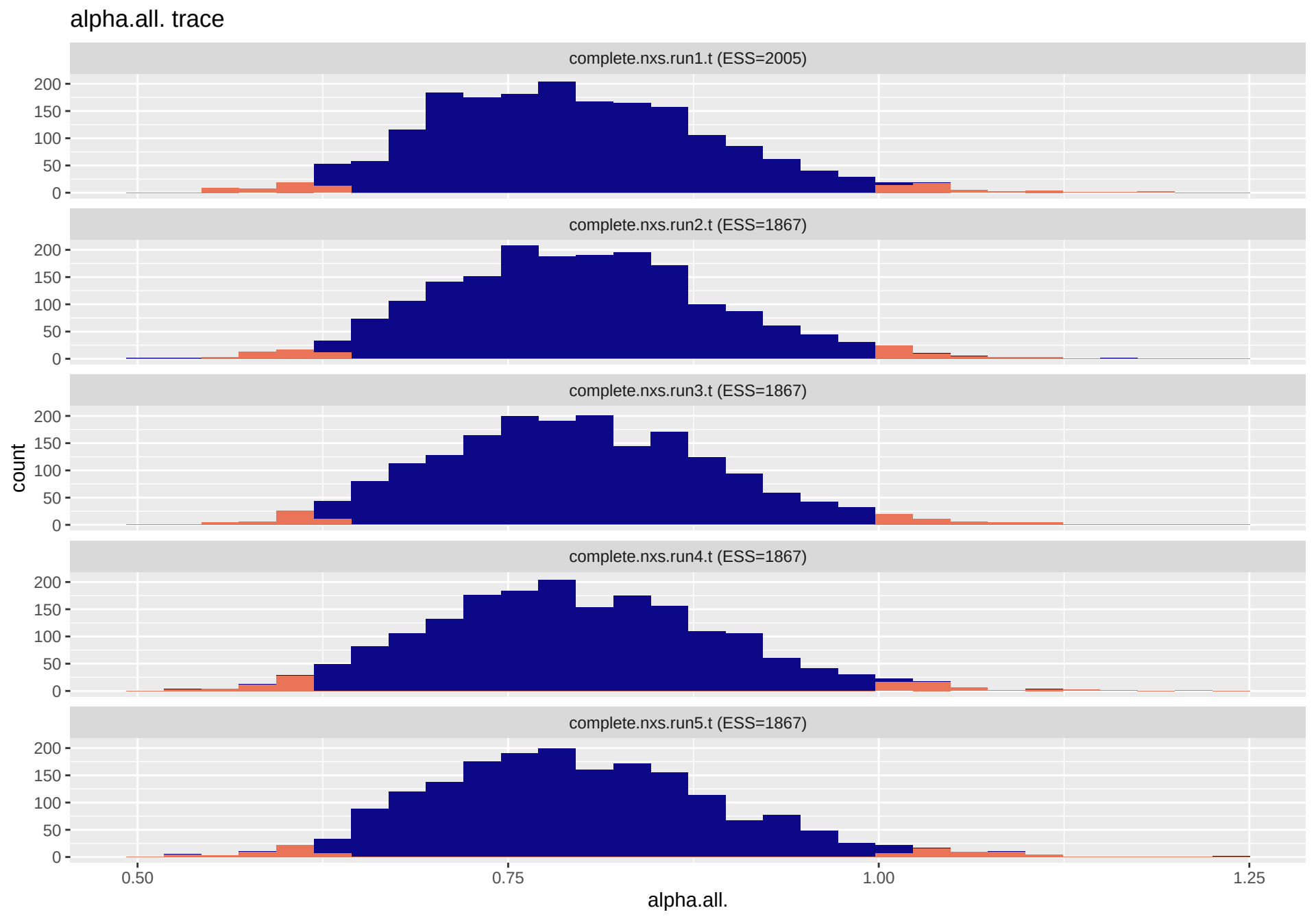

pi.G..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1924)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1845)
0.25
0.20
0.15
pi.G..2.3.4.
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

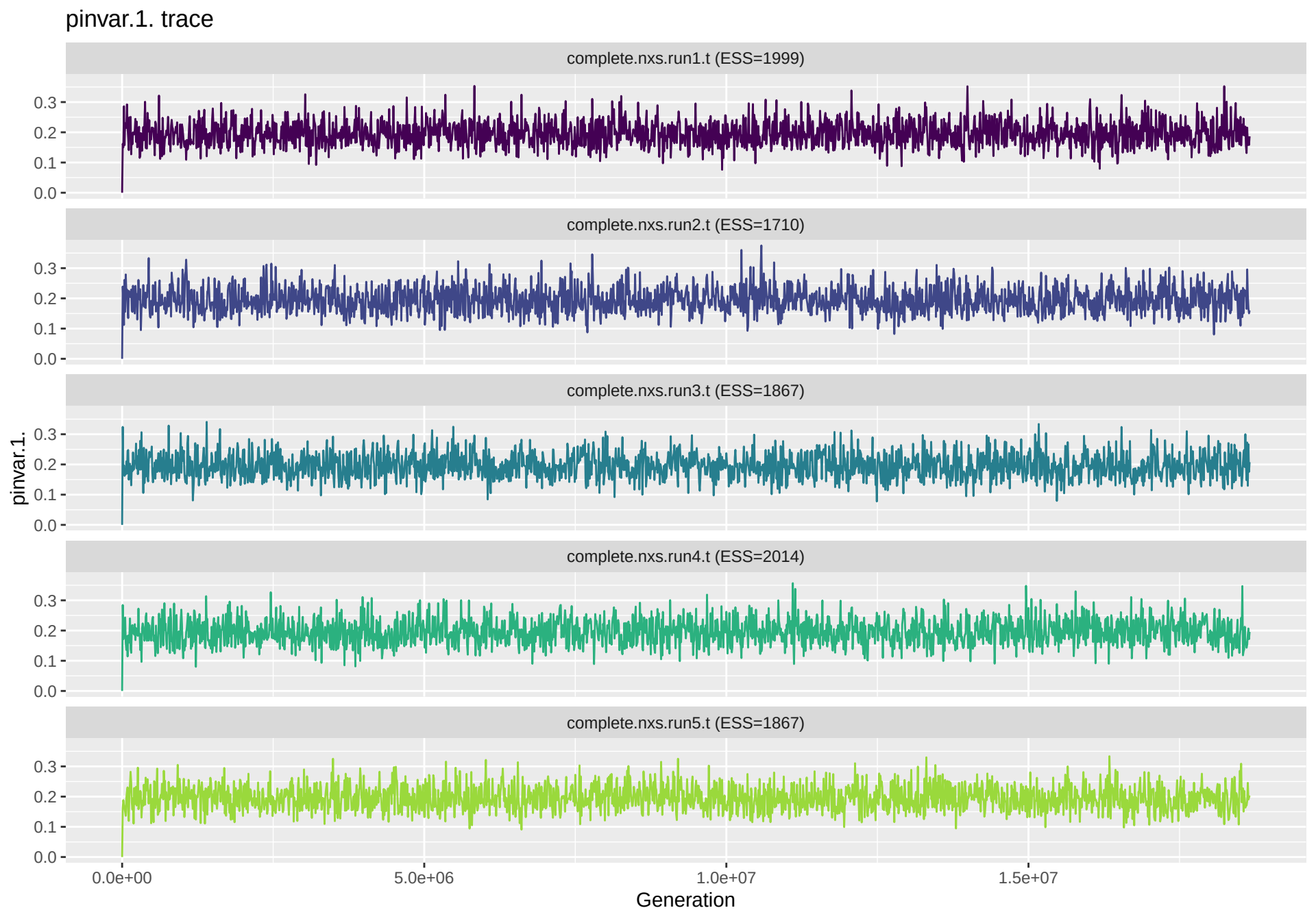

pi.G..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1924)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1845)
count
0
100
200
300
400
500
0.15
0.20
0.25
pi.G..2.3.4.

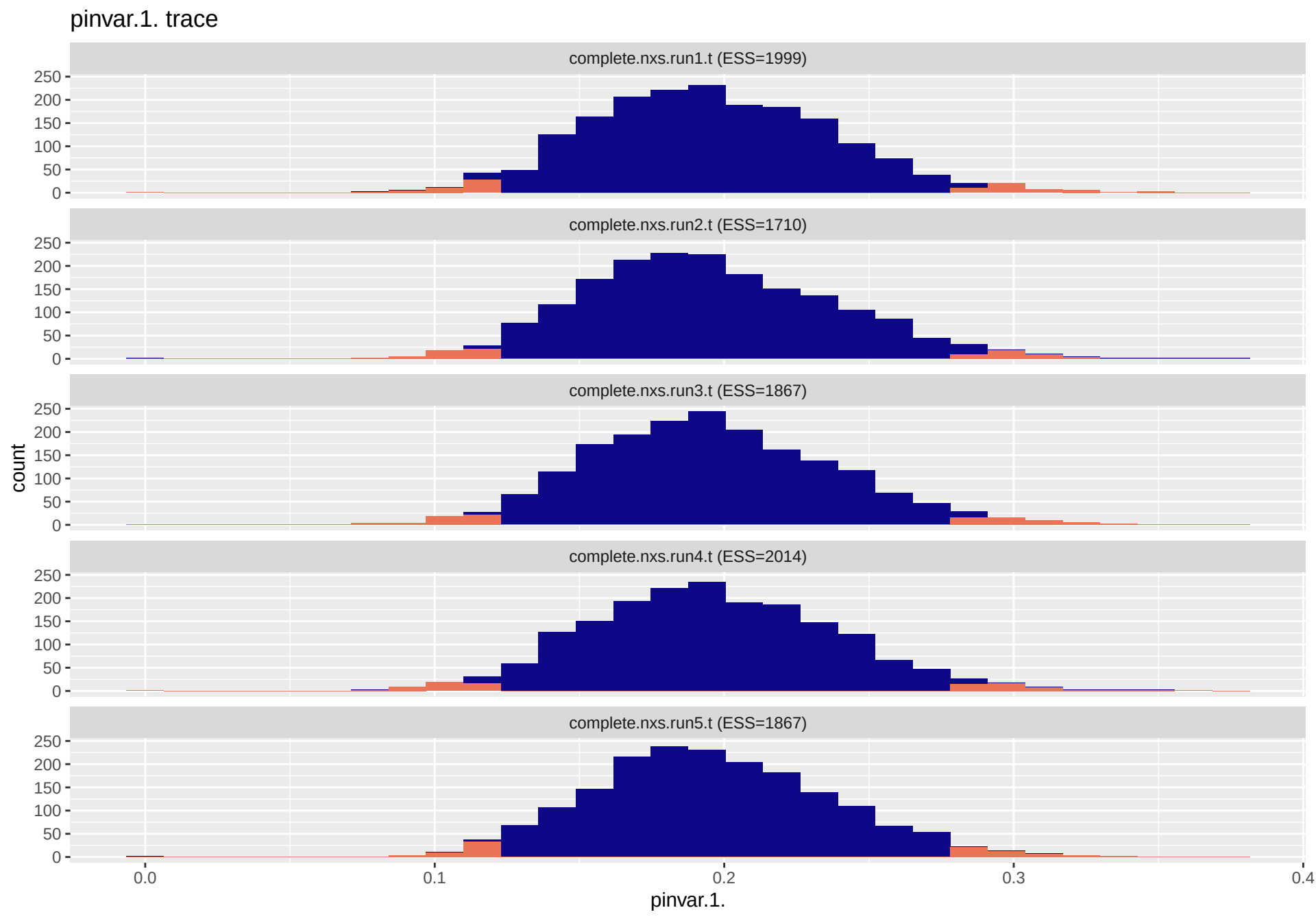

pi.T..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2110)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
pi.T..2.3.4.
0.45
0.40
0.35
0.30
0.25
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

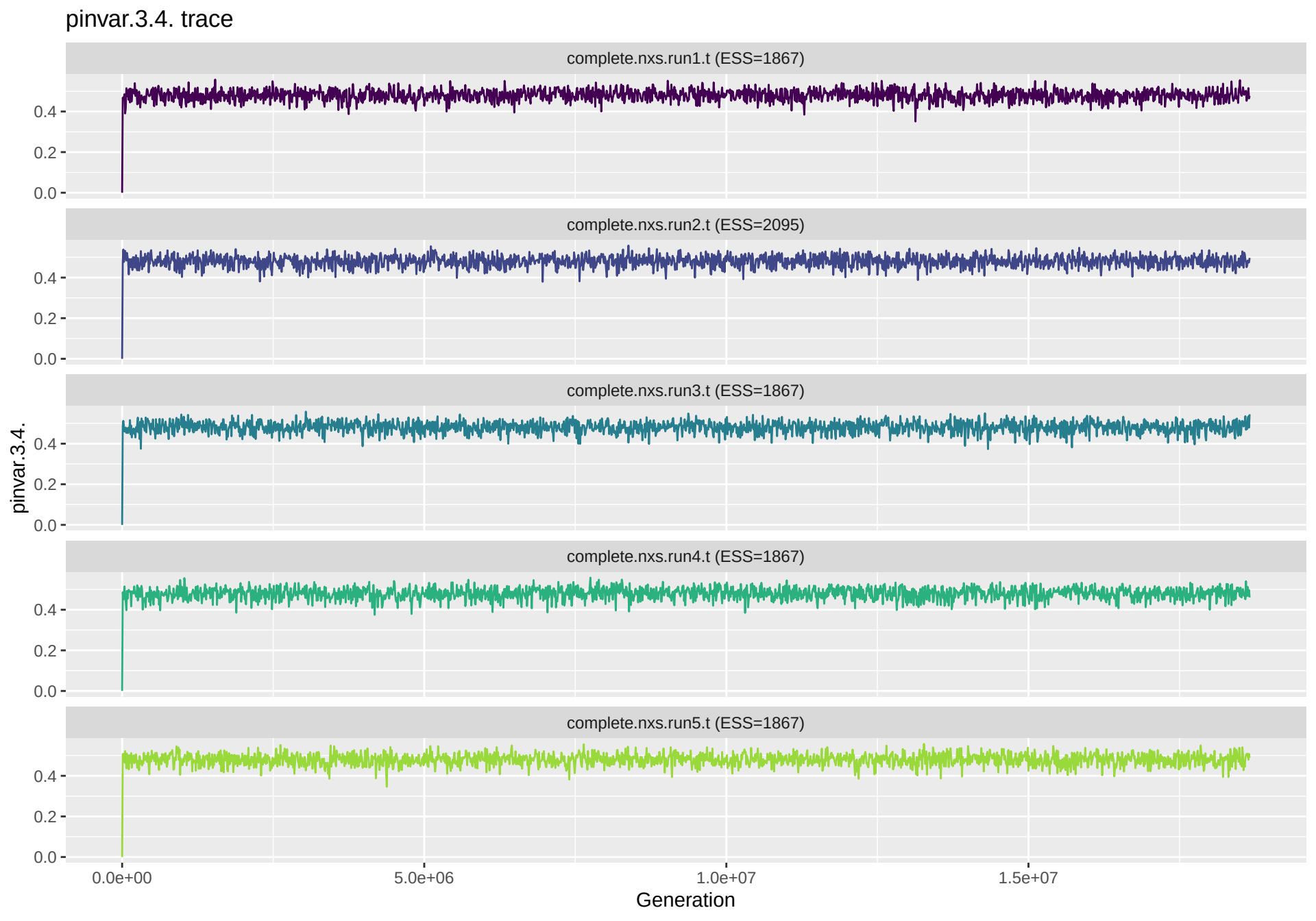

pi.T..2.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2110)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
200
400
600
0.25
0.30
0.35
0.40
0.45
pi.T..2.3.4.

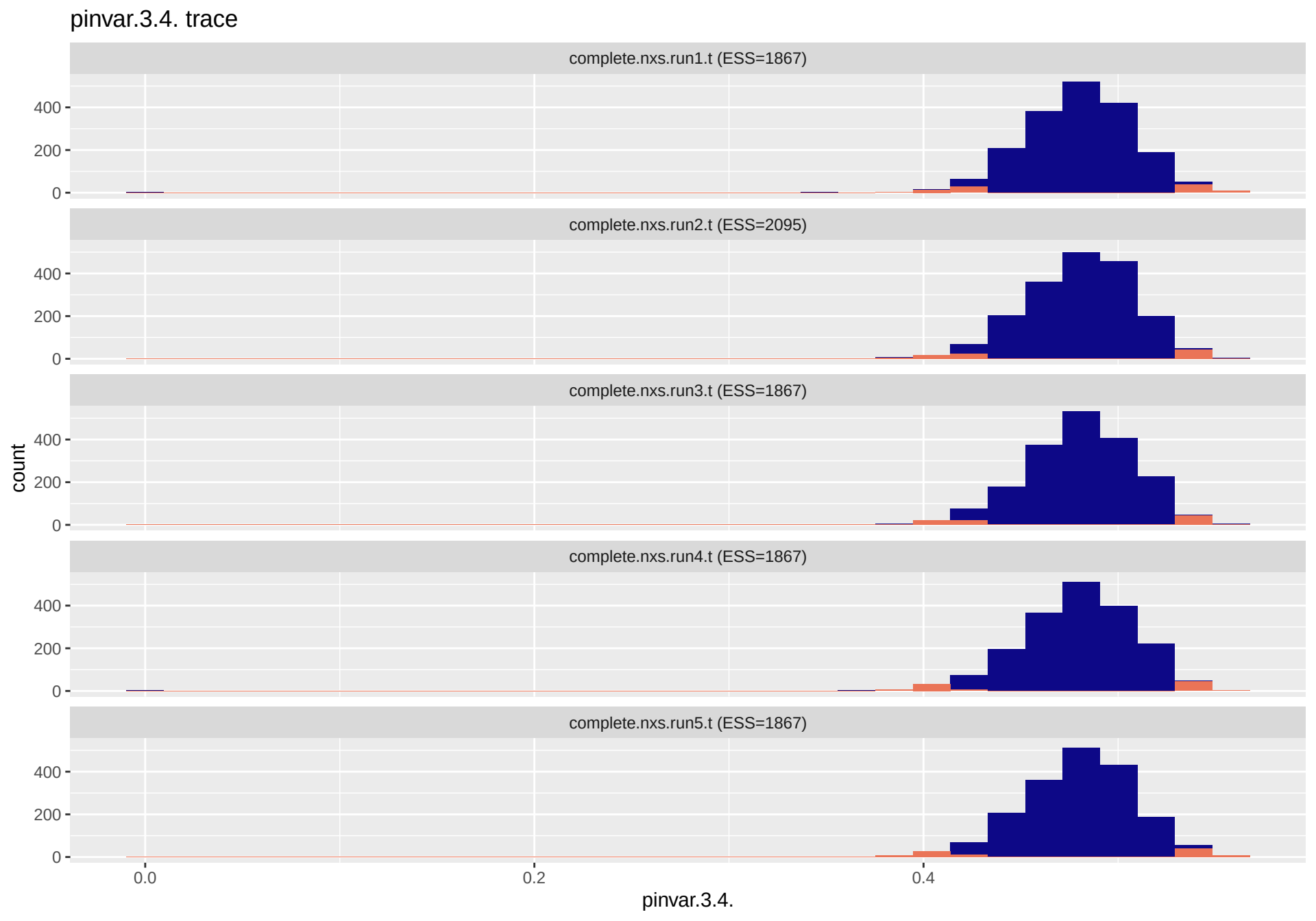

alpha.all. trace
complete.nxs.run1.t (ESS=2005)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
alpha.all.
1.25
1.00
0.75
0.50
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

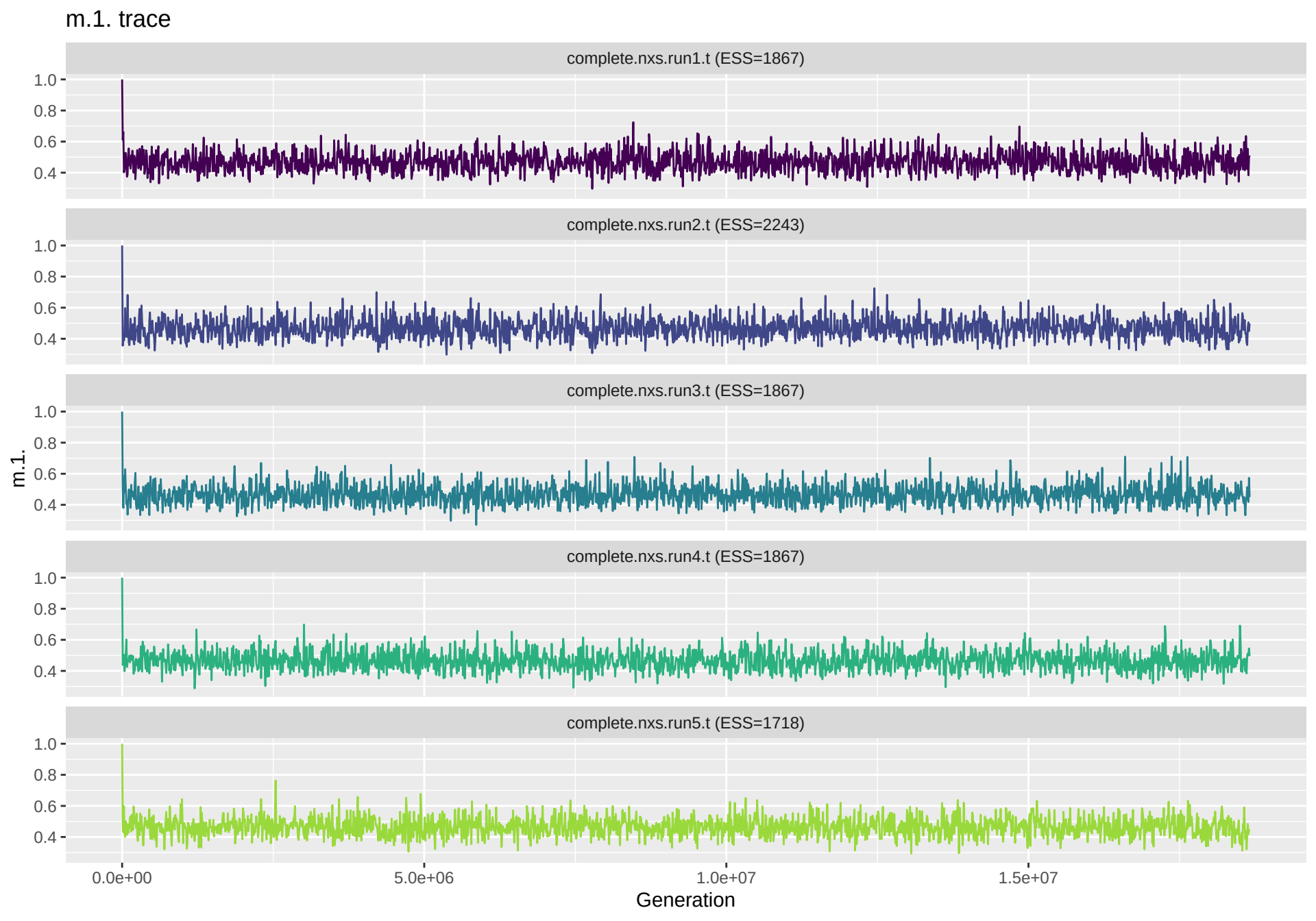

alpha.all. trace
complete.nxs.run1.t (ESS=2005)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
0.50
0.75
1.00
1.25
alpha.all.

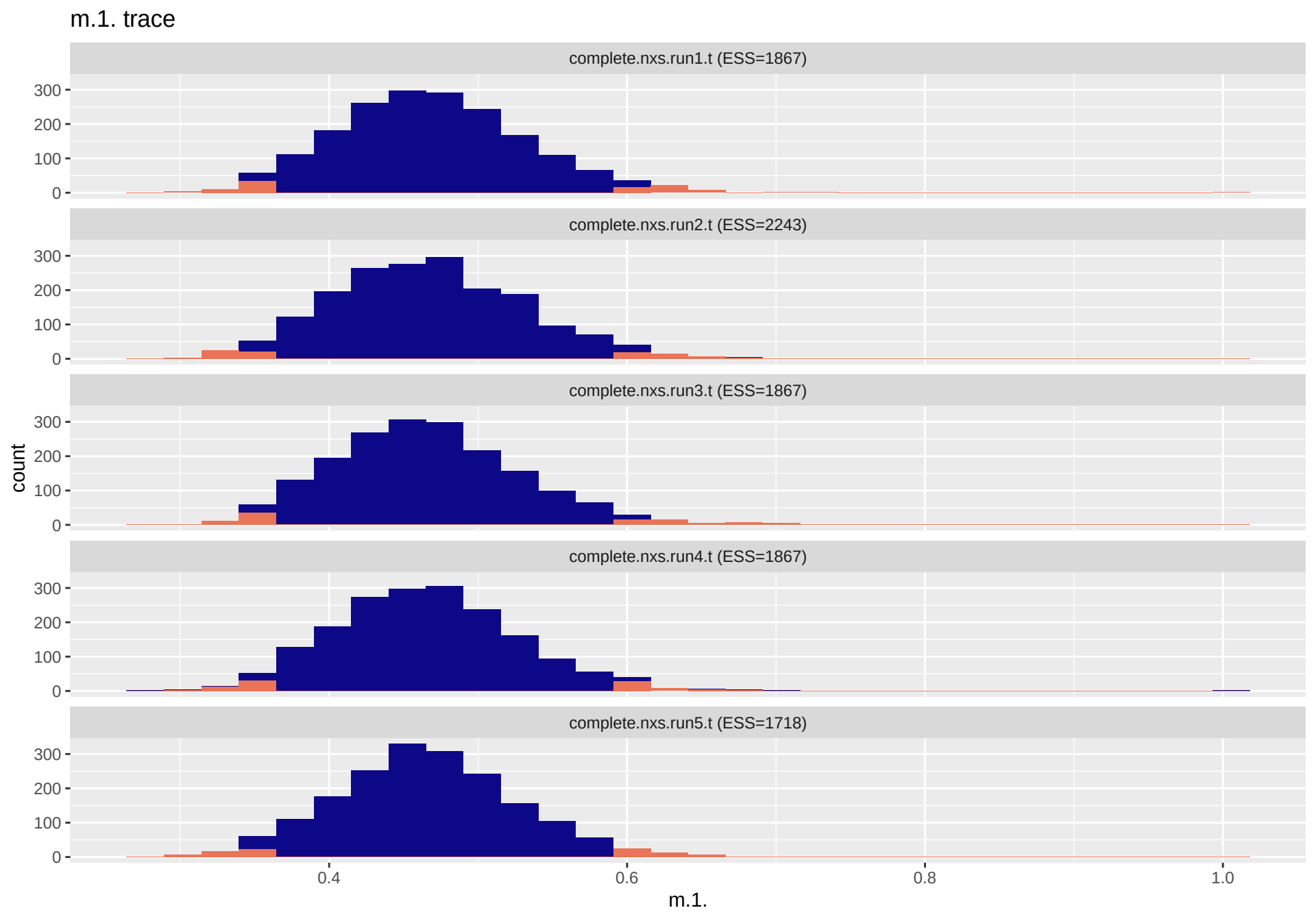

pinvar.1. trace
complete.nxs.run1.t (ESS=1999)
complete.nxs.run2.t (ESS=1710)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=2014)
complete.nxs.run5.t (ESS=1867)
pinvar.1.
0.0
0.1
0.2
0.3
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

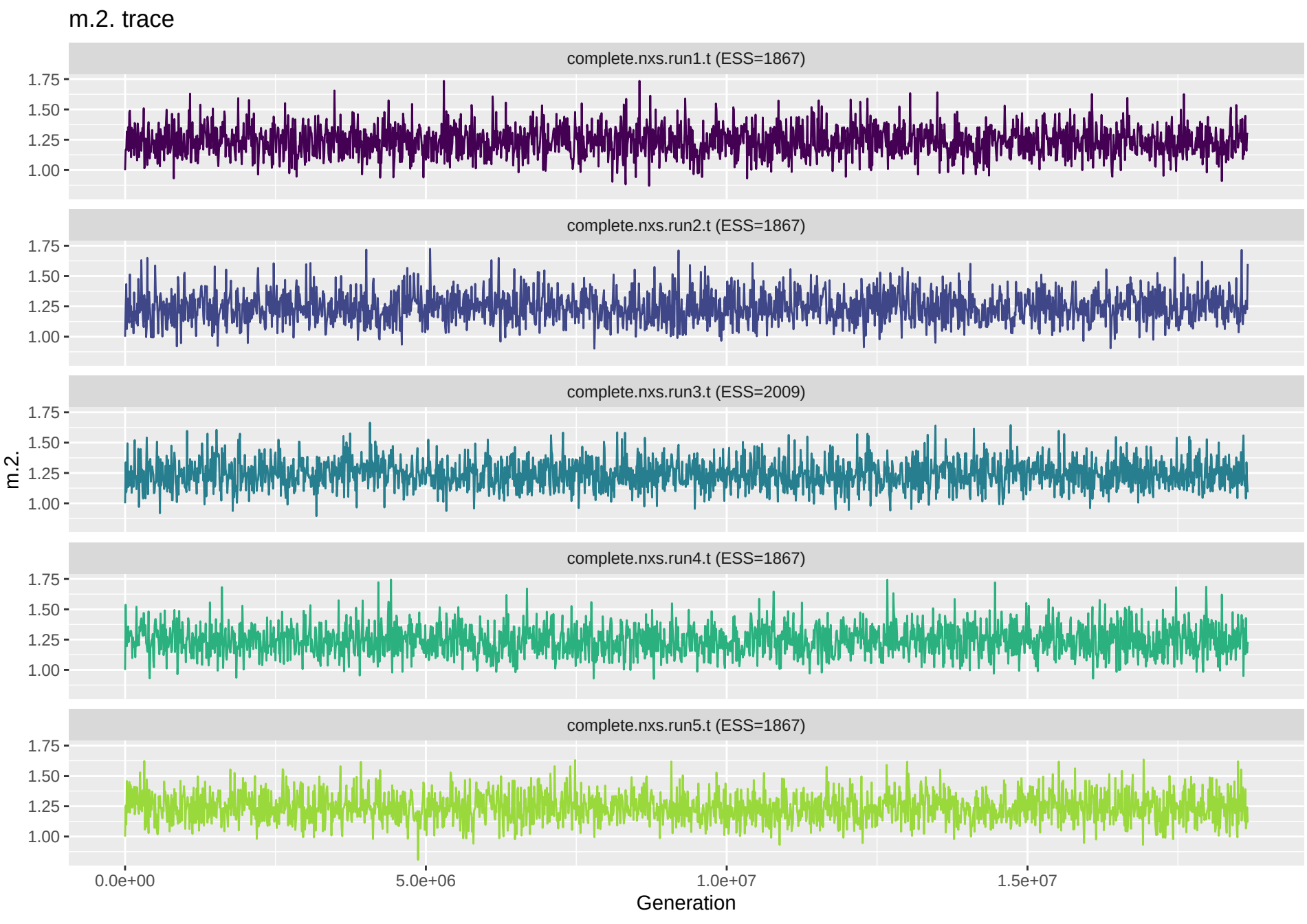

pinvar.1. trace
complete.nxs.run1.t (ESS=1999)
complete.nxs.run2.t (ESS=1710)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=2014)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
250
0.0
0.1
0.2
0.3
0.4
pinvar.1.

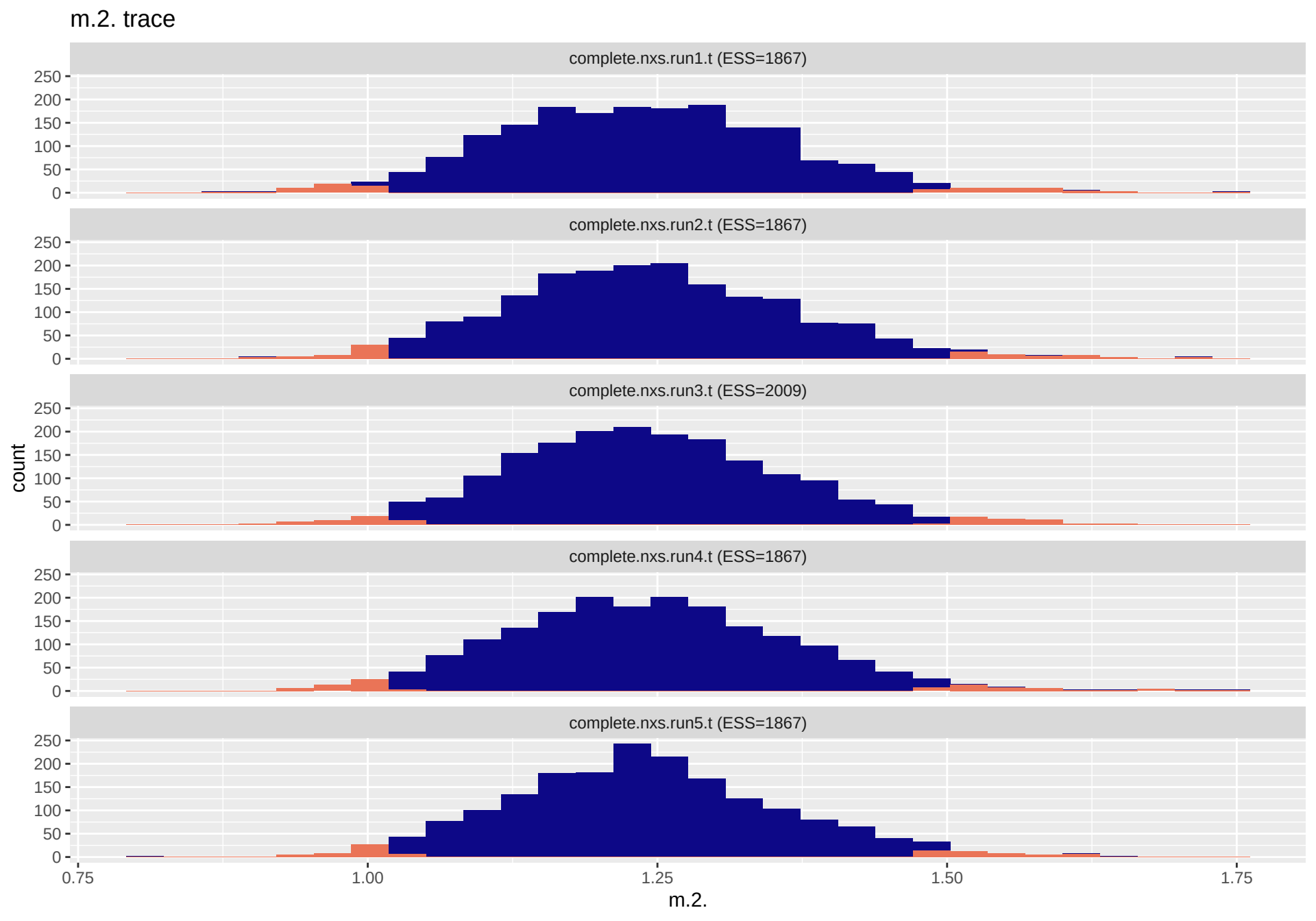

pinvar.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2095)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
pinvar.3.4.
0.0
0.2
0.4
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

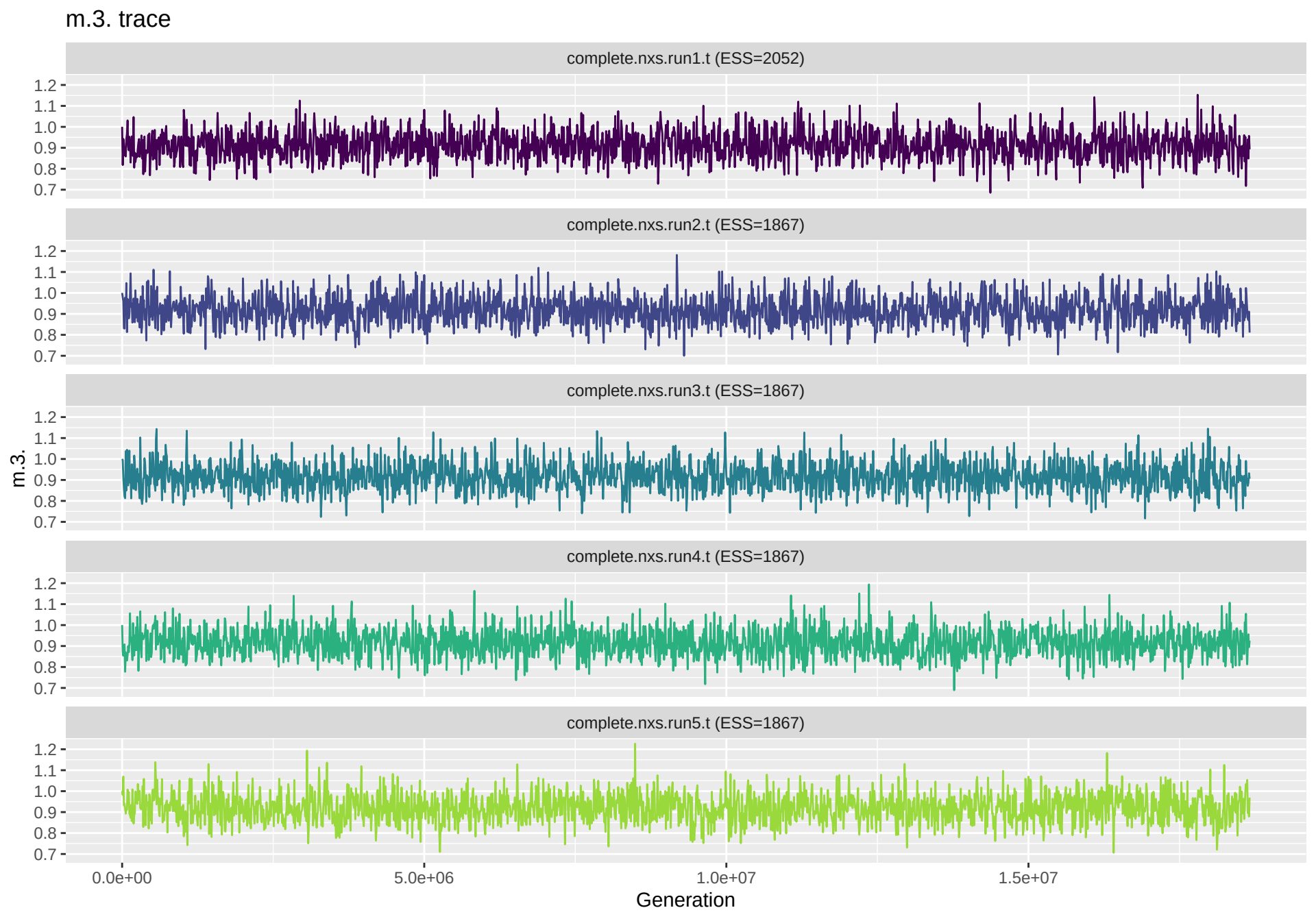

pinvar.3.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2095)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
200
400
0.0
0.2
0.4
pinvar.3.4.


m.1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2243)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1718)
m.1.
1.0
0.8
0.6
0.4
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

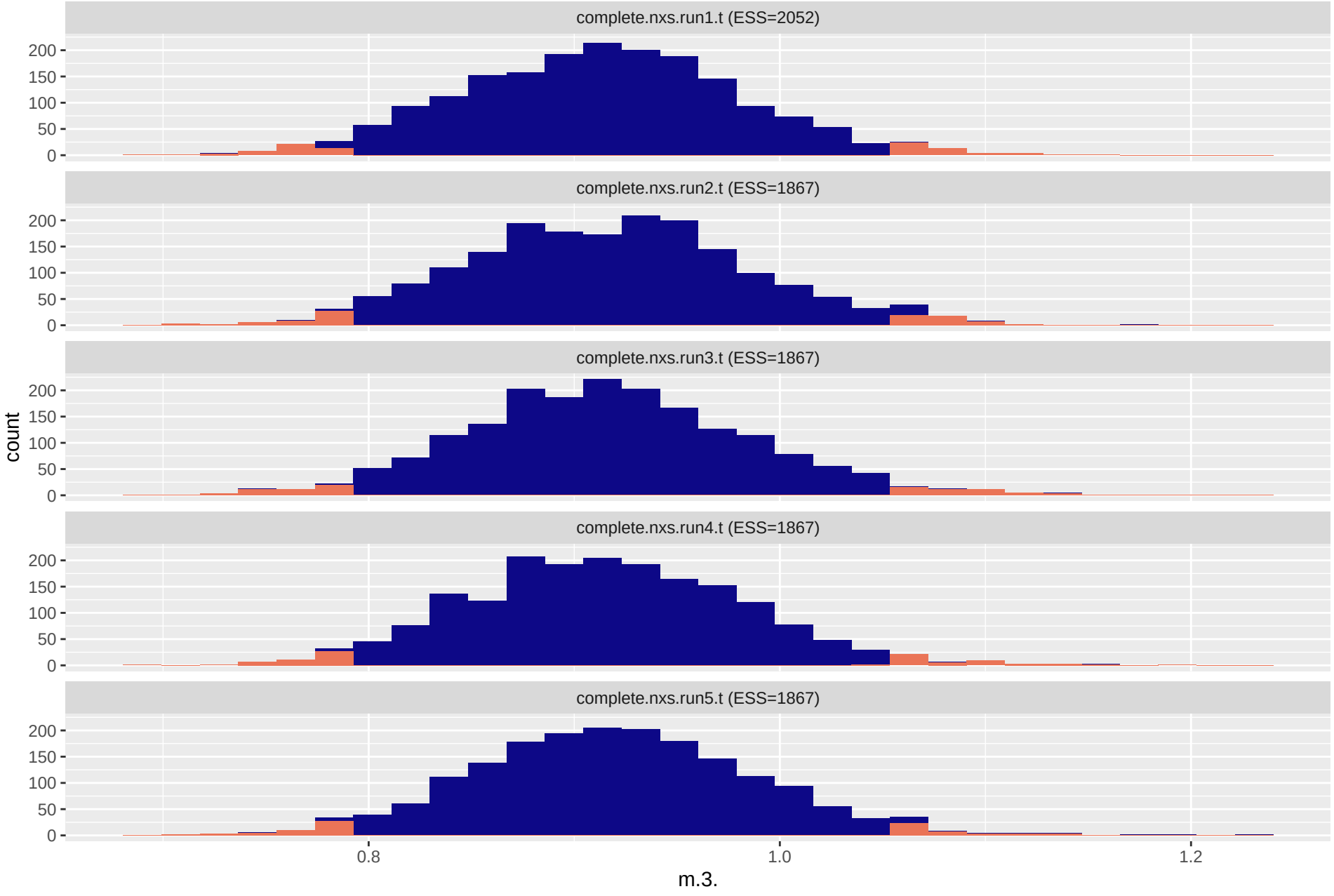

m.1. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=2243)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1718)
count
0
100
200
300
0.4
0.6
0.8
1.0
m.1.

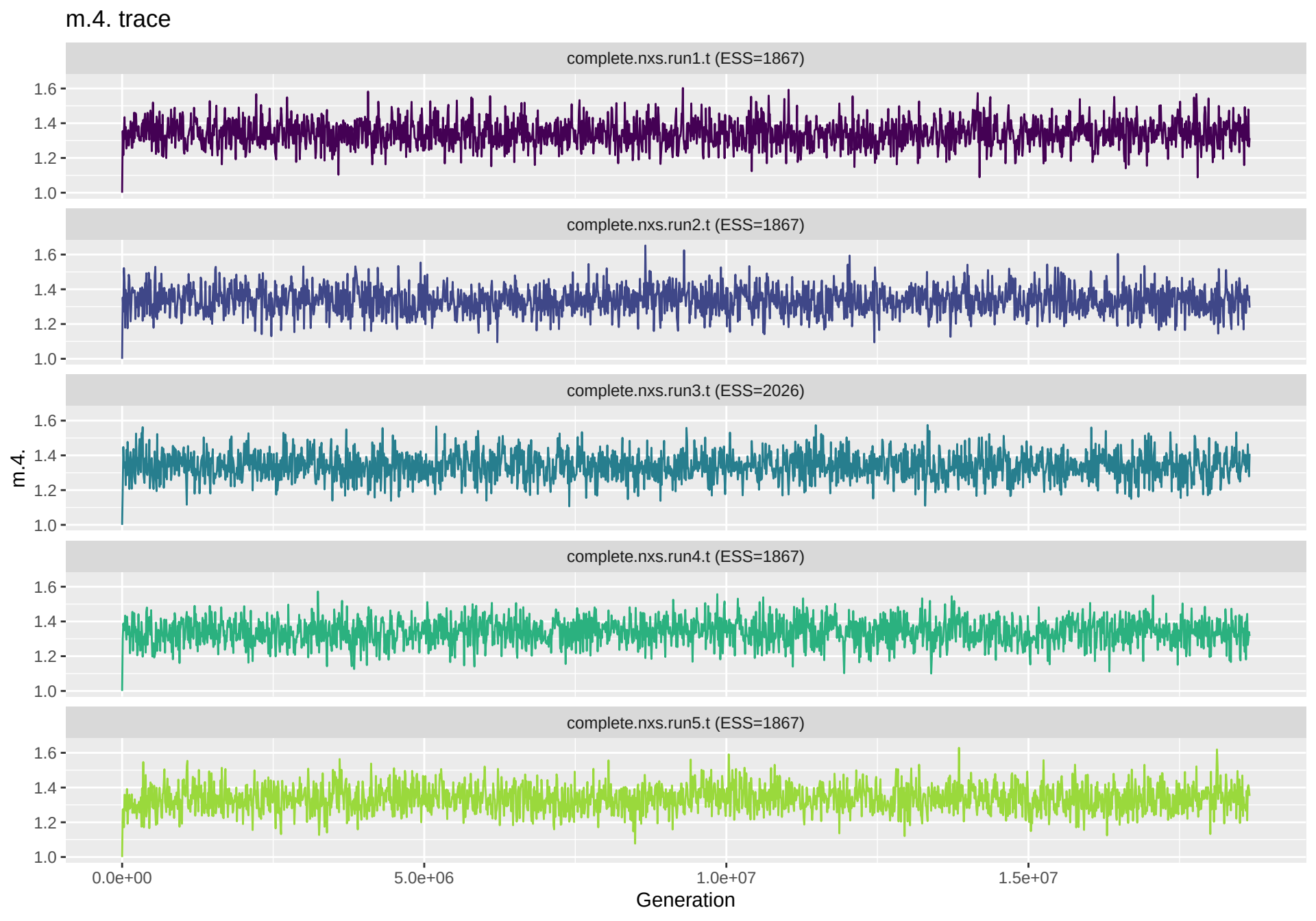

m.2. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2009)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
m.2.
1.75
1.50
1.25
1.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

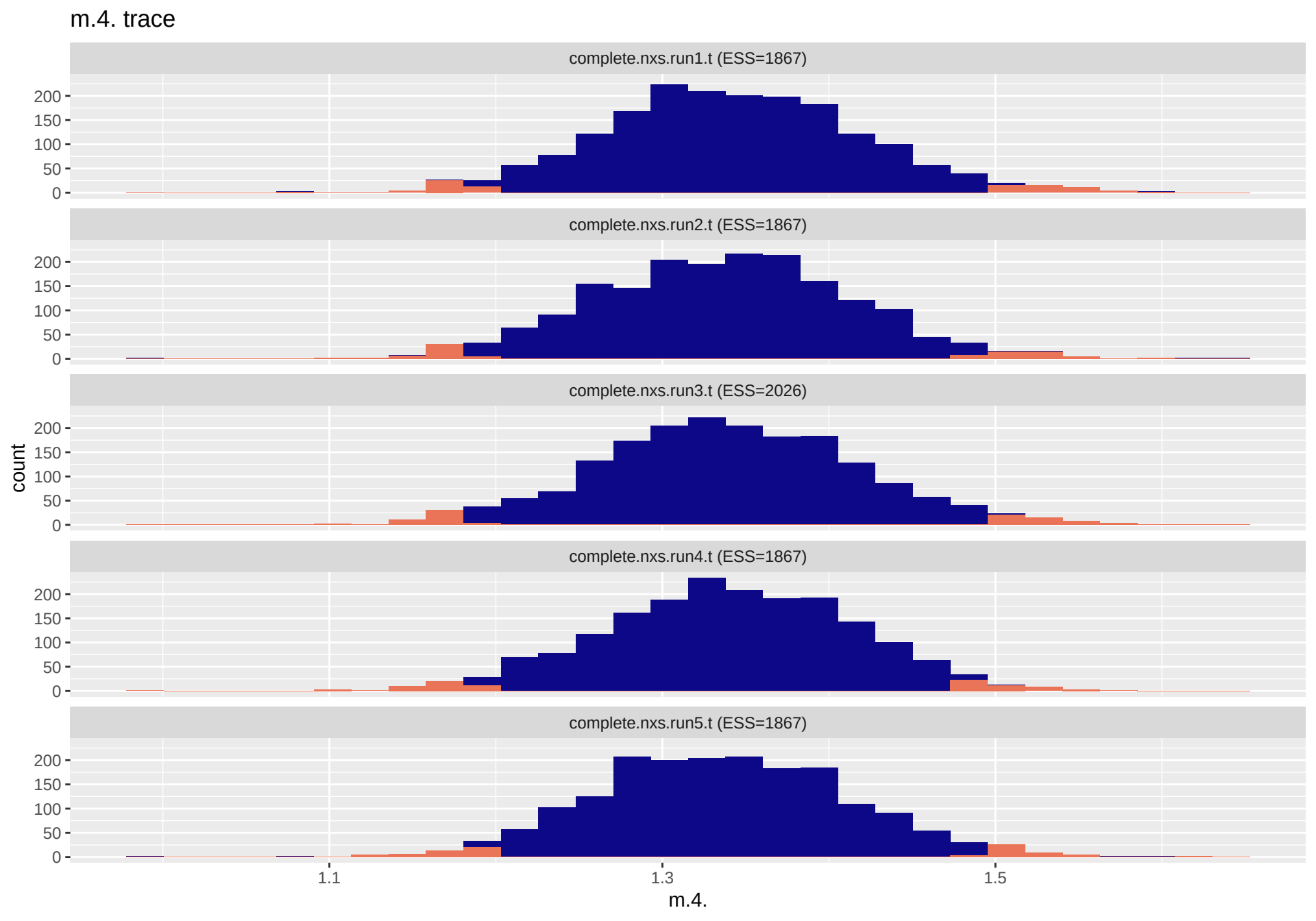

m.2. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2009)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
250
0.75
1.00
1.25
1.50
1.75
m.2.

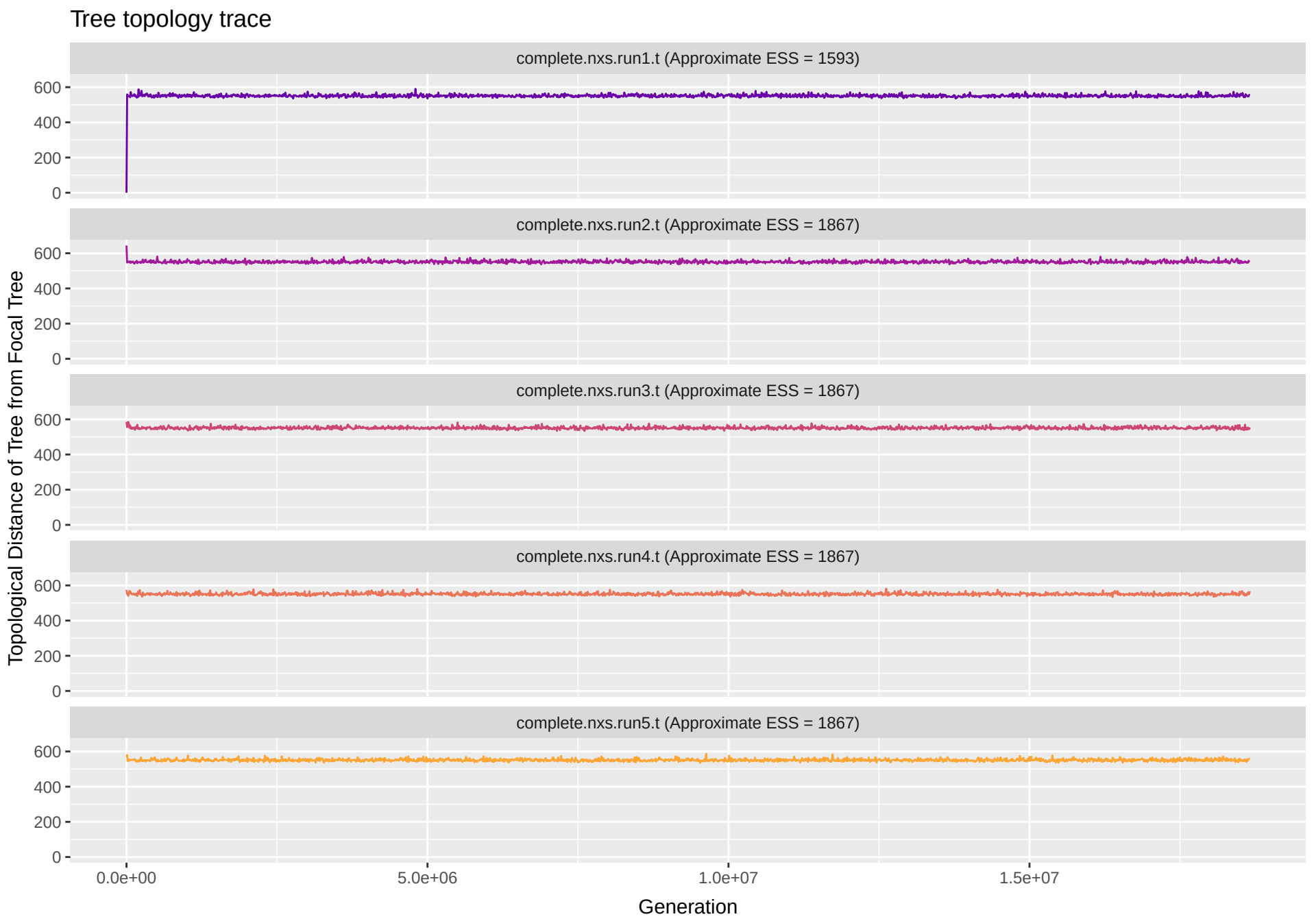

m.3. trace
complete.nxs.run1.t (ESS=2052)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
m.3.
1.2
1.1
1.0
0.9
0.8
0.7
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

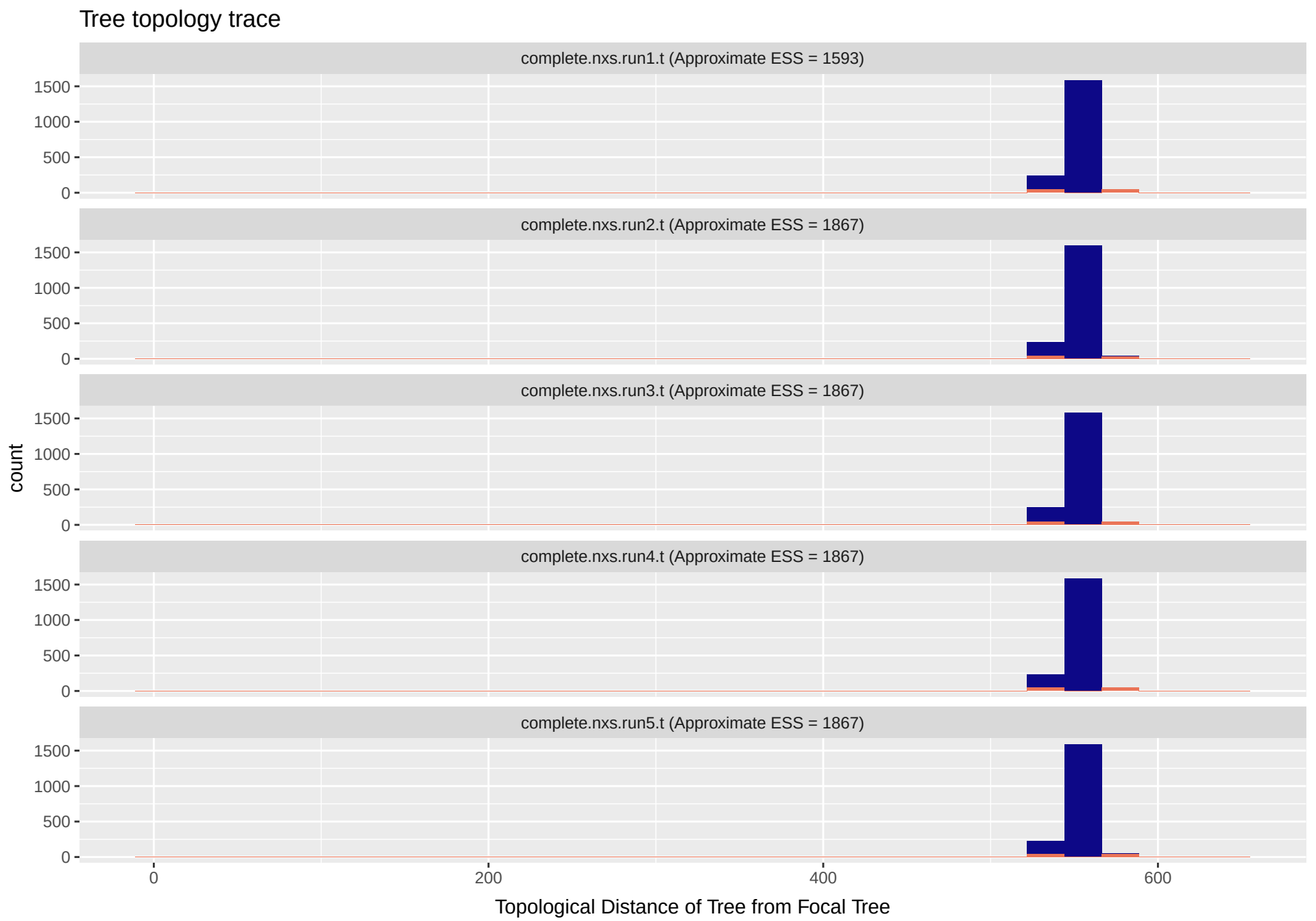
m.3. trace

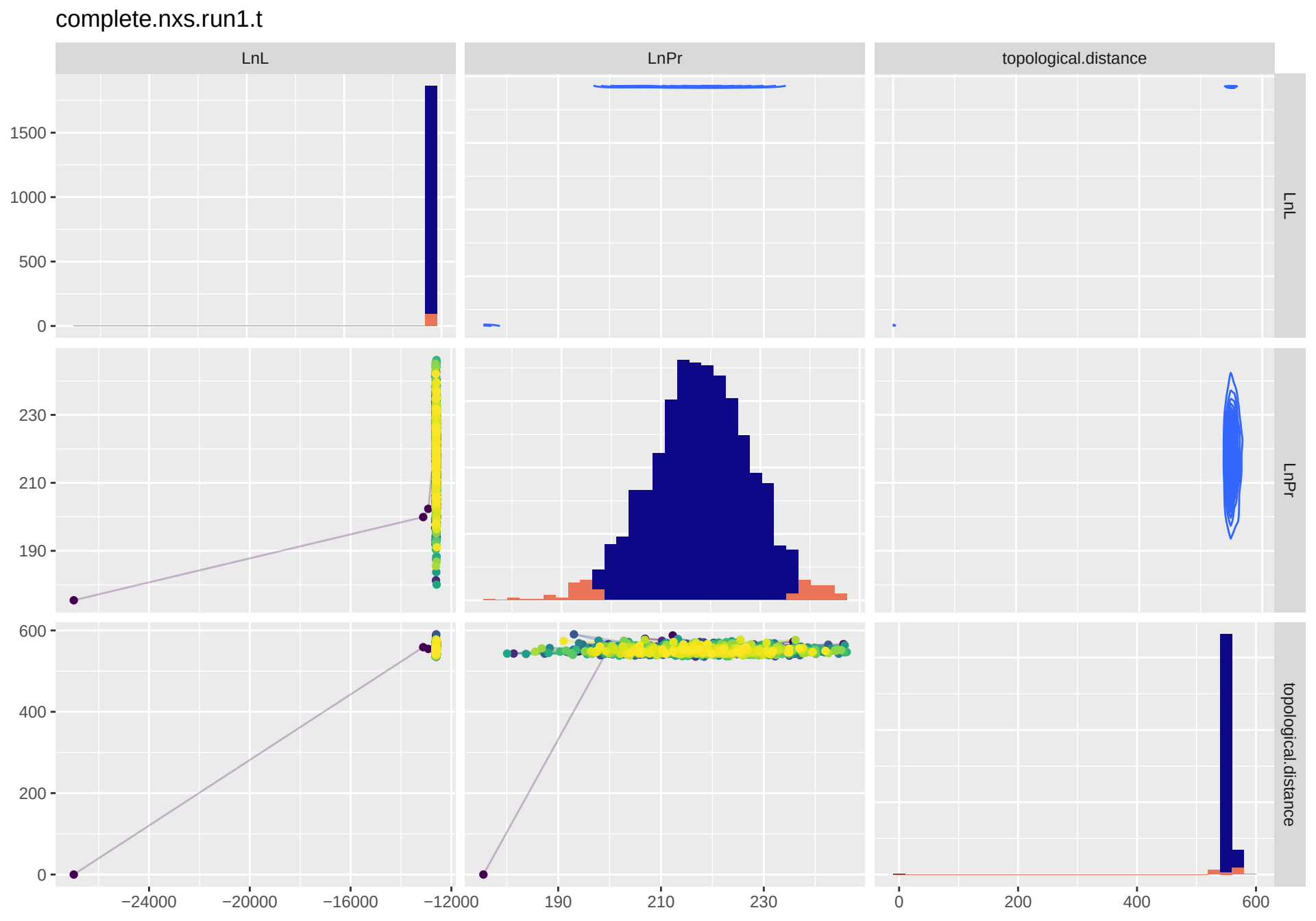

complete.nxs.run1.t (ESS=2052)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=1867)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
0.8
1.0
1.2
m.3.

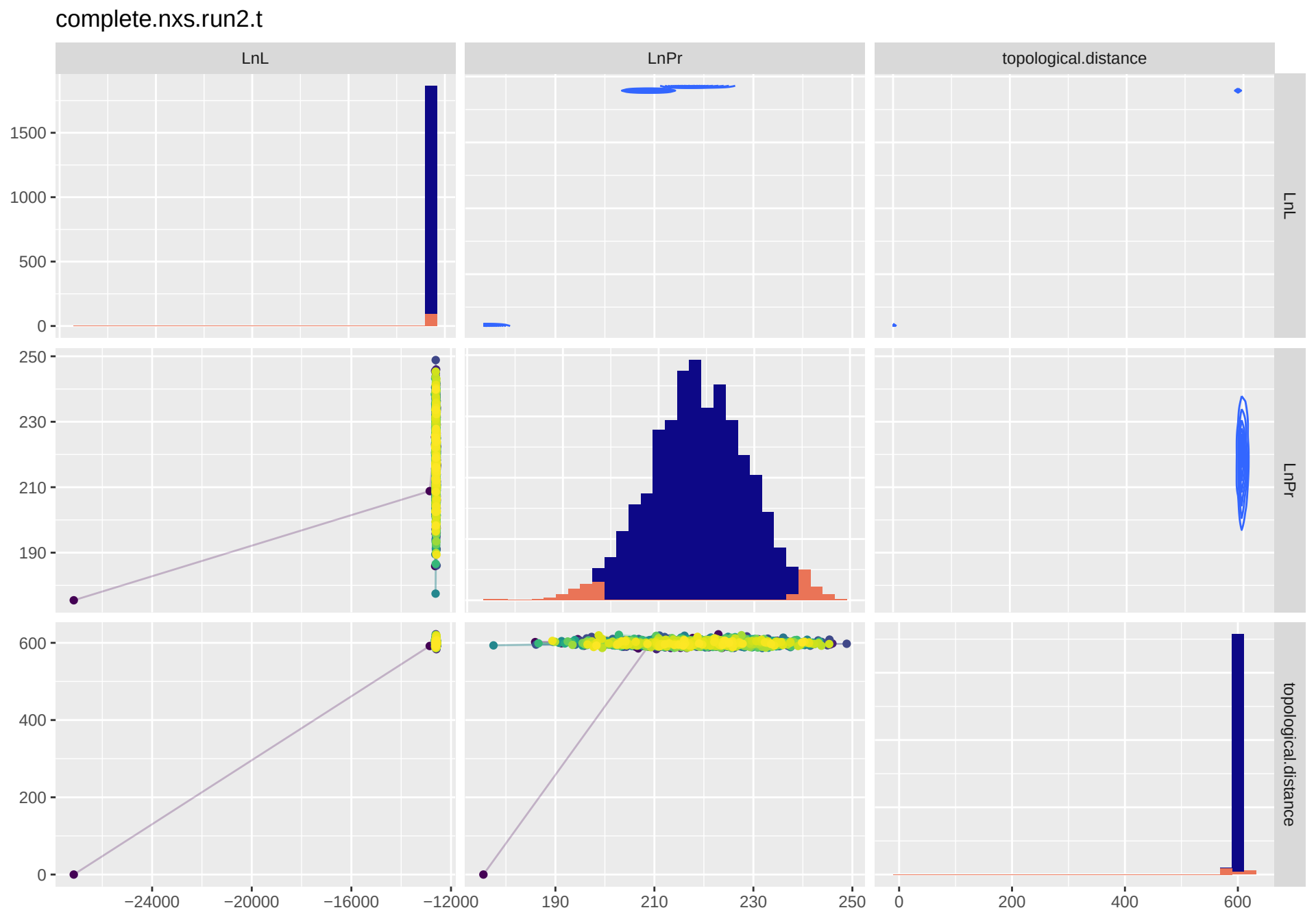

m.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2026)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
m.4.
1.0
1.2
1.4
1.6
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

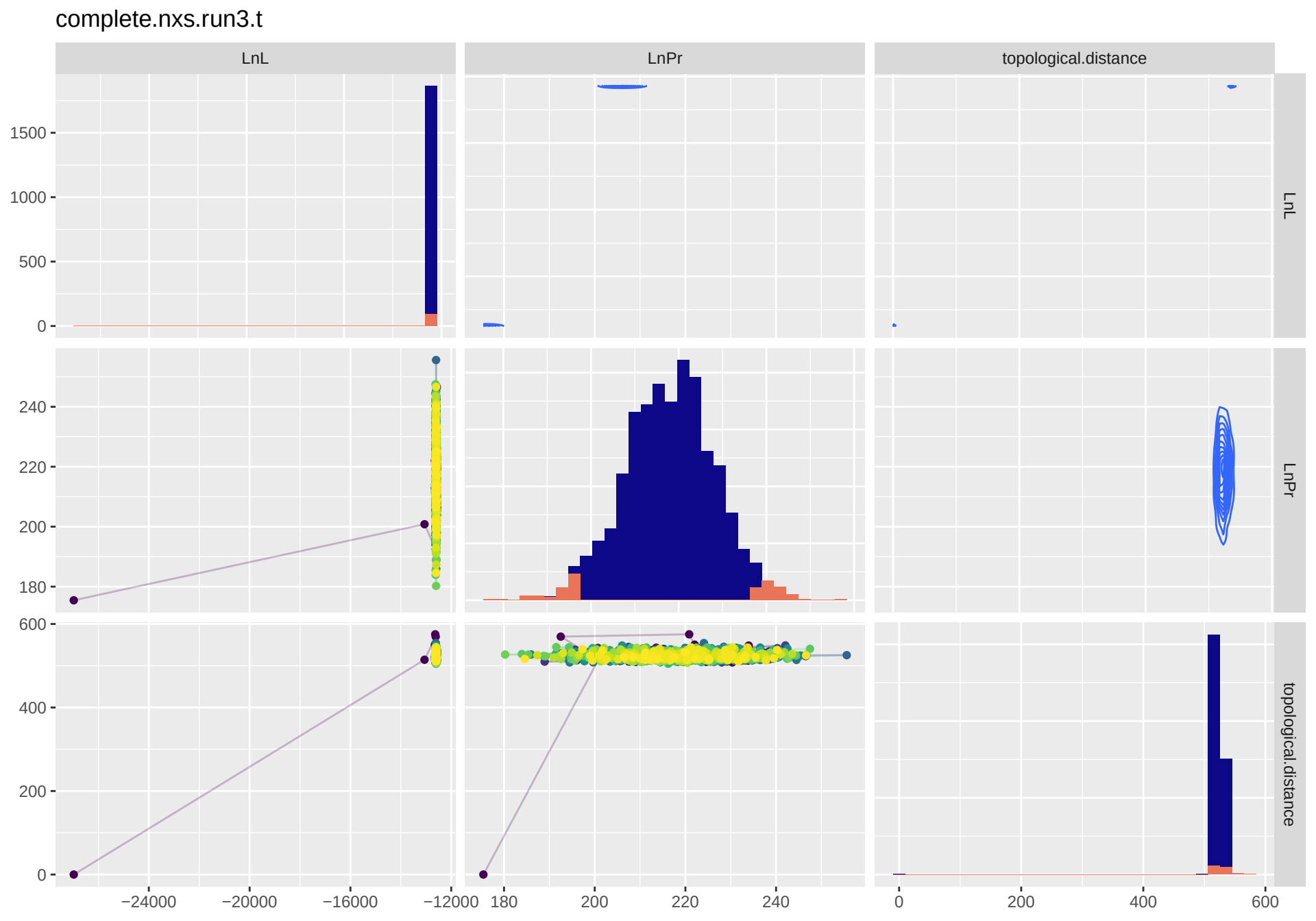

m.4. trace
complete.nxs.run1.t (ESS=1867)
complete.nxs.run2.t (ESS=1867)
complete.nxs.run3.t (ESS=2026)
complete.nxs.run4.t (ESS=1867)
complete.nxs.run5.t (ESS=1867)
count
0
50
100
150
200
1.1
1.3
1.5
m.4.

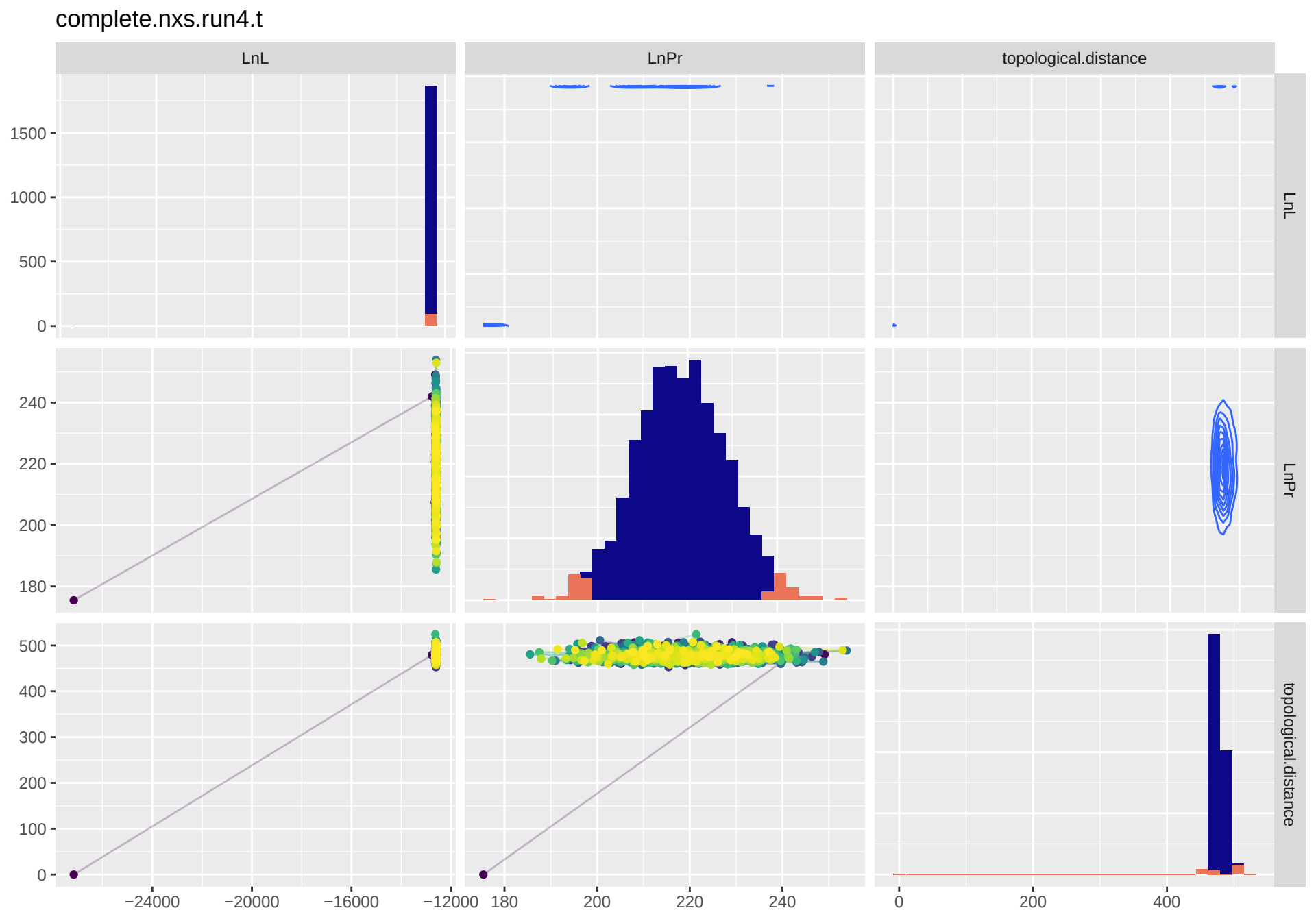

Tree topology trace
complete.nxs.run1.t (Approximate ESS = 1593)
complete.nxs.run2.t (Approximate ESS = 1867)
complete.nxs.run3.t (Approximate ESS = 1867)
complete.nxs.run4.t (Approximate ESS = 1867)
complete.nxs.run5.t (Approximate ESS = 1867)
Topological Distance of Tree from Focal Tree
600
400
200
0
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

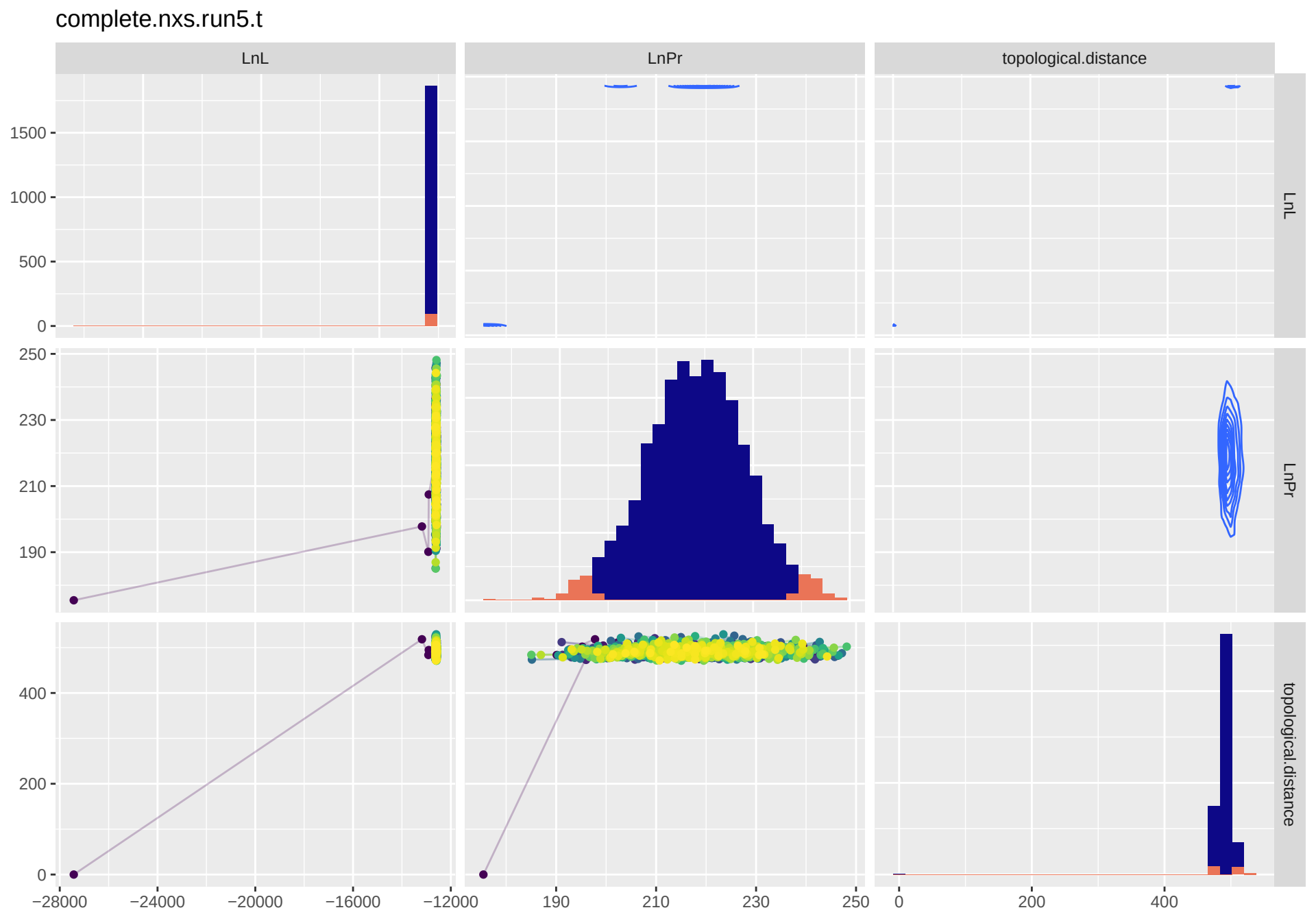

Tree topology trace
complete.nxs.run1.t (Approximate ESS = 1593)
complete.nxs.run2.t (Approximate ESS = 1867)
complete.nxs.run3.t (Approximate ESS = 1867)
complete.nxs.run4.t (Approximate ESS = 1867)
complete.nxs.run5.t (Approximate ESS = 1867)
count
0
500
1000
1500
0
200
400
600
Topological Distance of Tree from Focal Tree


complete.nxs.run1.t
LnL
LnPr
topological.distance
LnL
LnPr
topological.distance
1500
1000
500
0
230
210
190
600
400
200
0
−24000
−20000
−16000
−12000
190
210
230
0
200
400
600

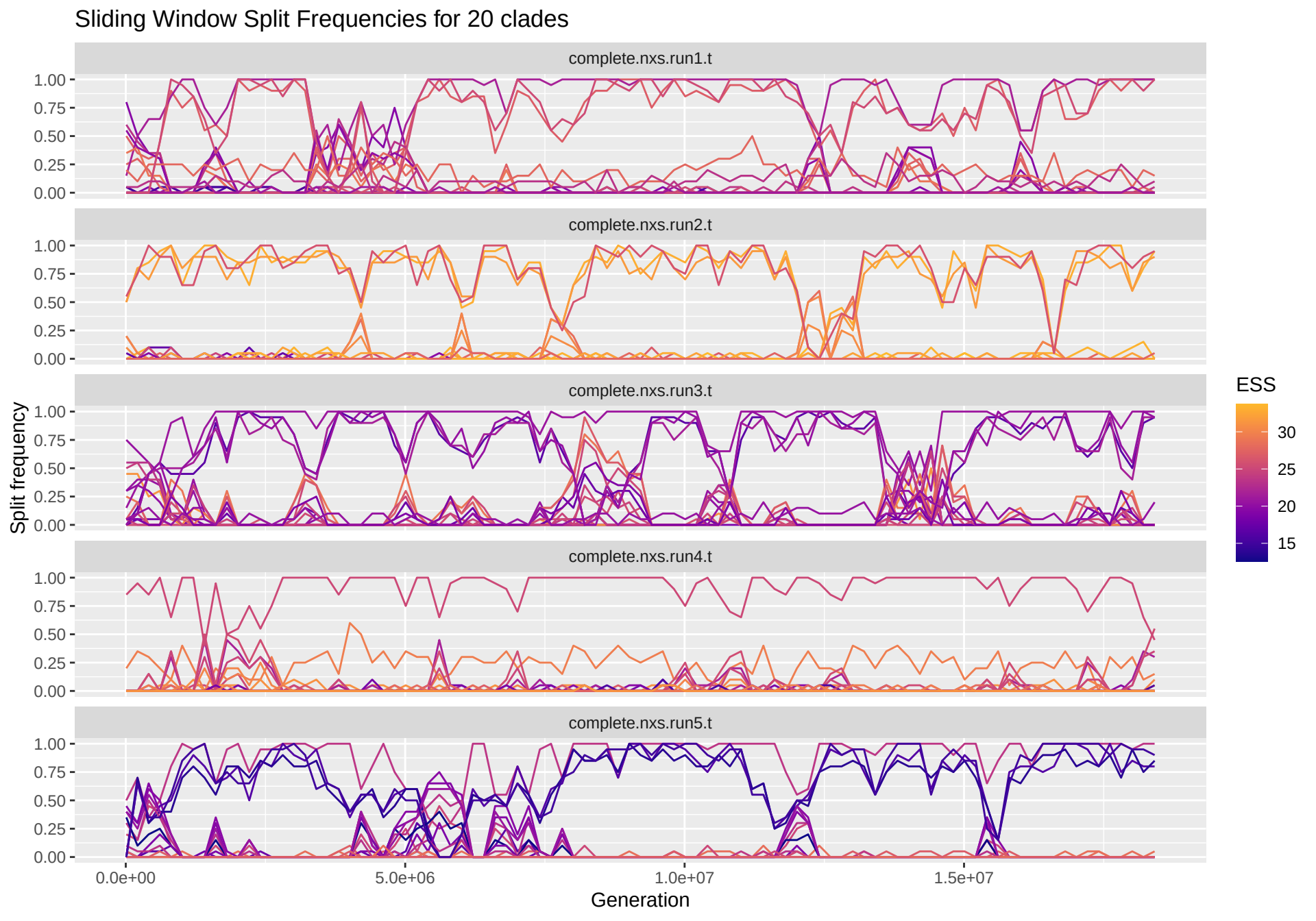

complete.nxs.run2.t
LnL
LnPr
topological.distance
LnL
LnPr
topological.distance
1500
1000
500
0
250
230
210
190
600
400
200
0
−24000
−20000
−16000
−12000
190
210
230
250
0
200
400
600

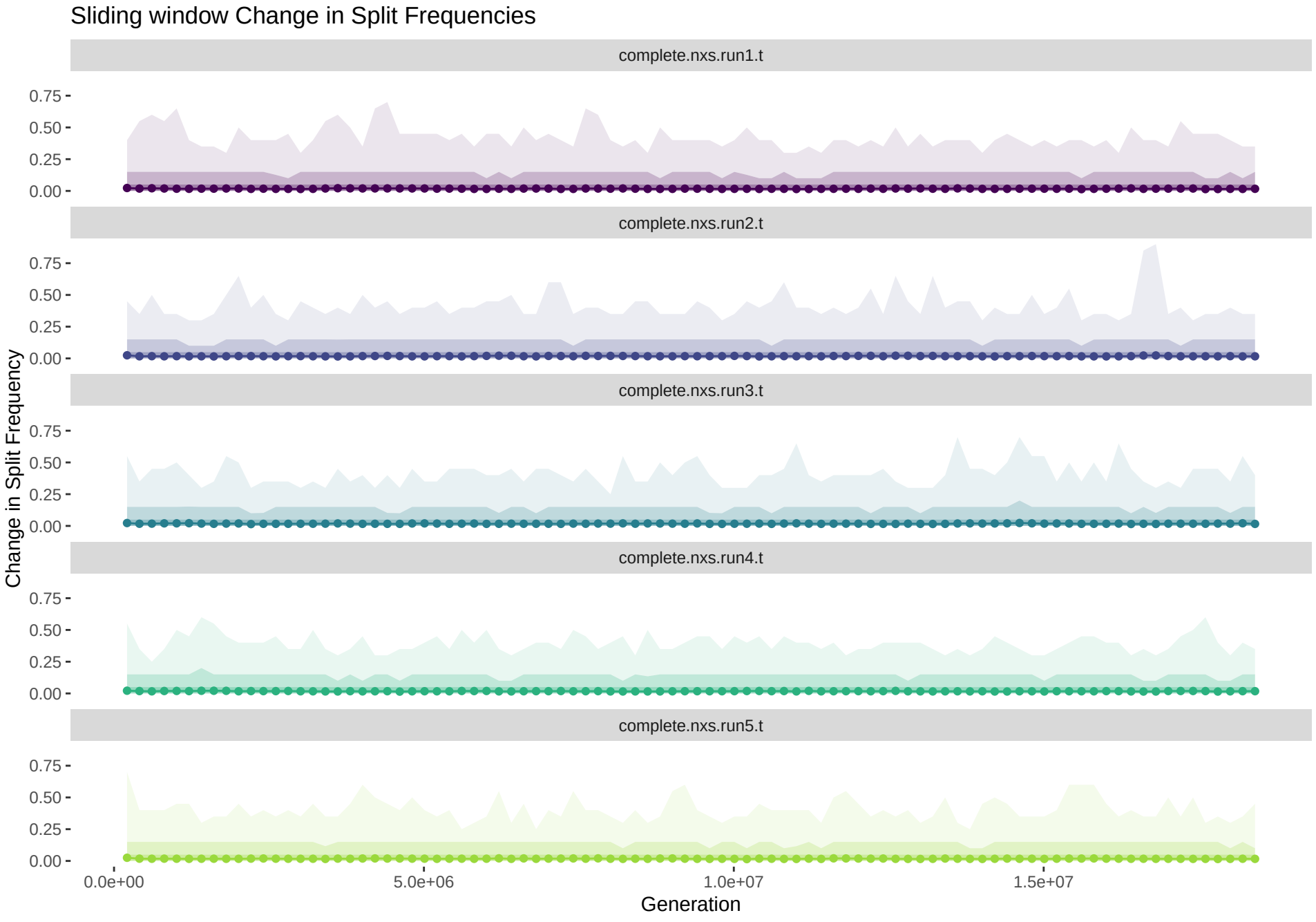

complete.nxs.run3.t
LnL
LnPr
topological.distance
LnL
LnPr
topological.distance
1500
1000
500
0
240
220
200
180
600
400
200
0
−24000
−20000
−16000
−12000
180
200
220
240
0
200
400
600

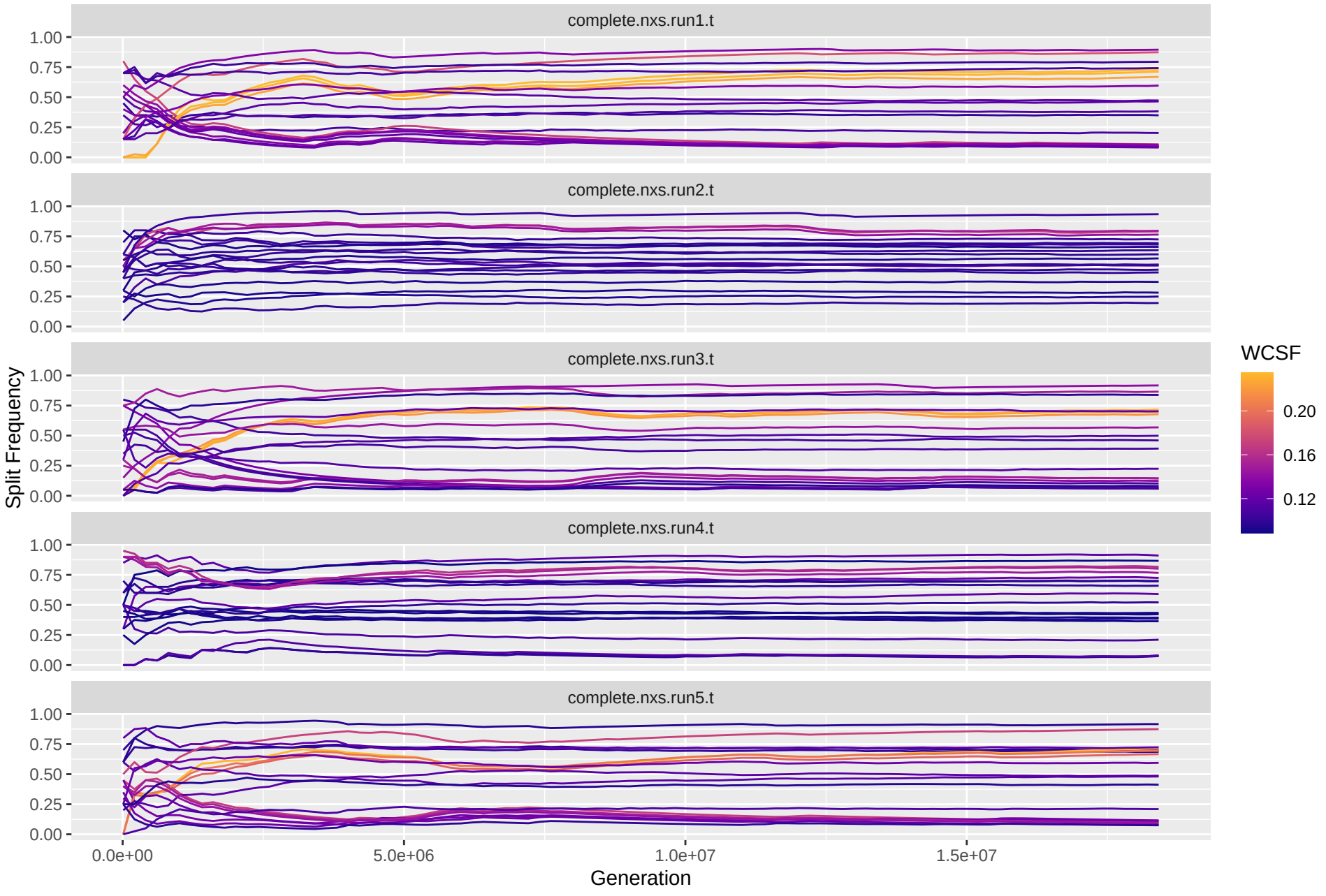

complete.nxs.run4.t
LnL
LnPr
topological.distance
LnL
LnPr
topological.distance
1500
1000
500
0
240
220
200
180
500
400
300
200
100
0
−24000
−20000
−16000
−12000
180
200
220
240
0
200
400

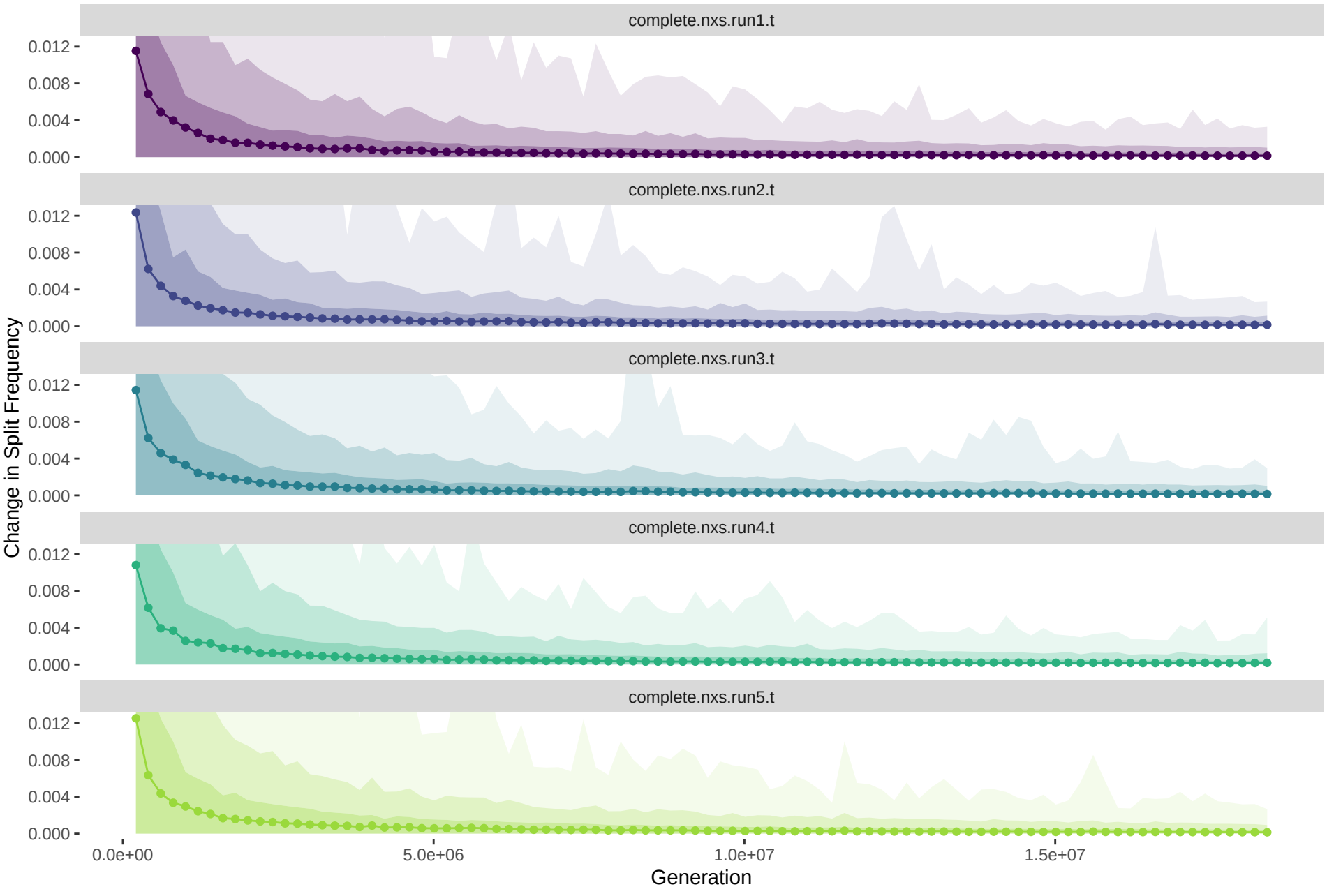

complete.nxs.run5.t
LnL
LnPr
topological.distance
LnL
LnPr
topological.distance
1500
1000
500
0
250
230
210
190
400
200
0
−28000
−24000
−20000
−16000
−12000
190
210
230
250
0
200
400

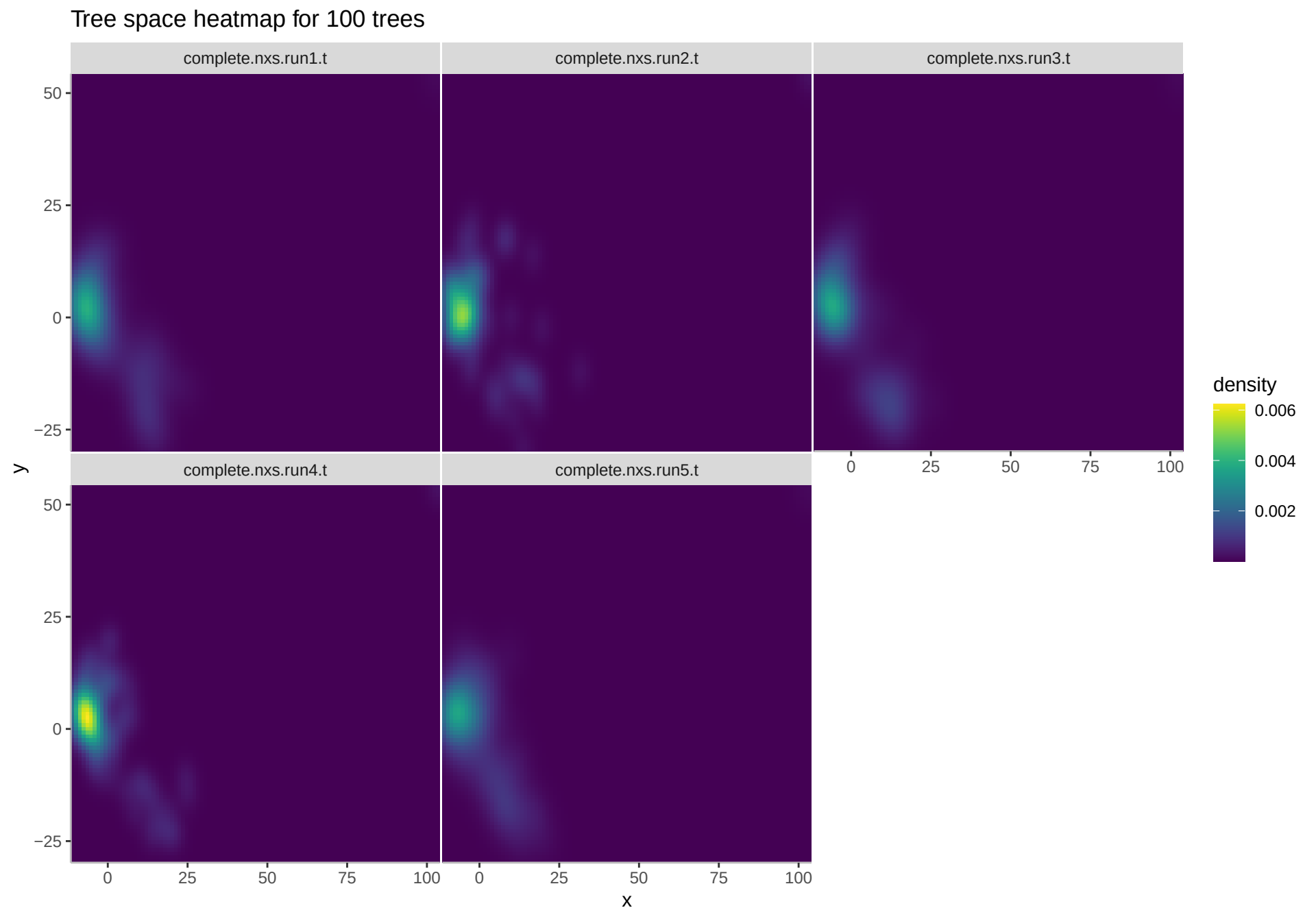

Topological autocorrelation plot
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
Mean Path Difference between Pairs of Trees
Sampling Interval between Trees
152
154
156
158
0
50
100
150

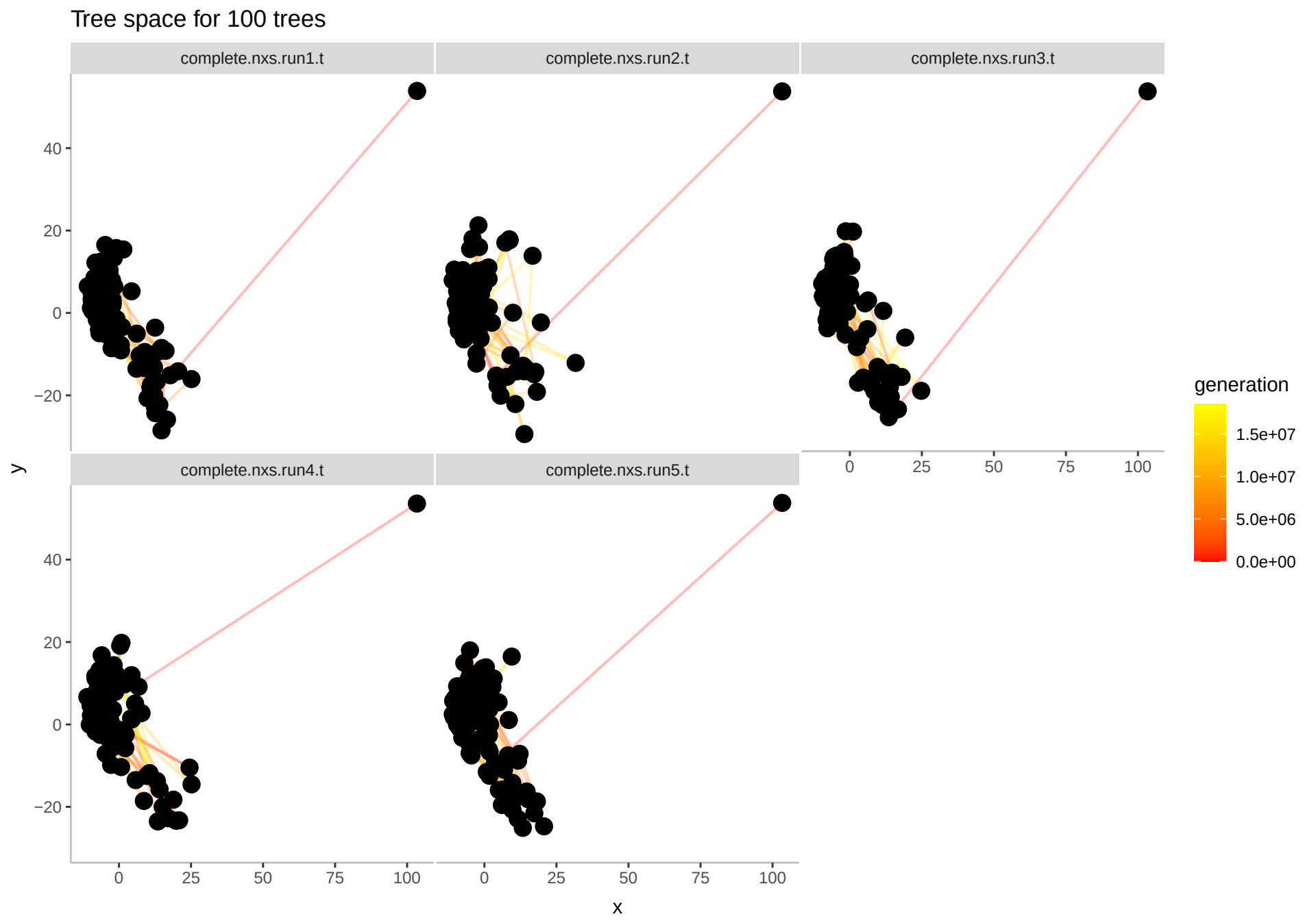

Sliding Window Split Frequencies for 20 clades
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
Split frequency
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation
ESS
30
25
20
15

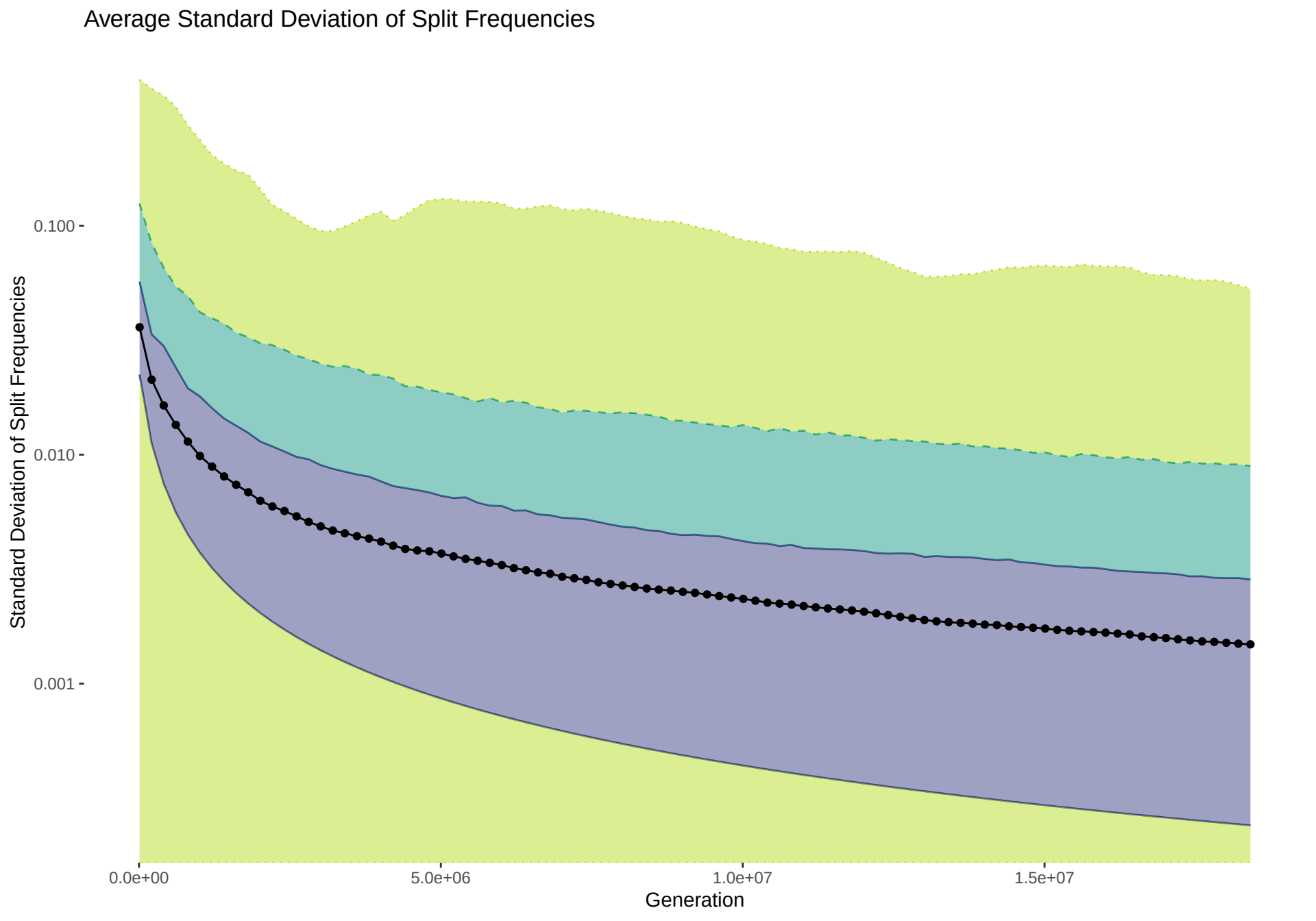

Sliding window Change in Split Frequencies
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
Change in Split Frequency
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation

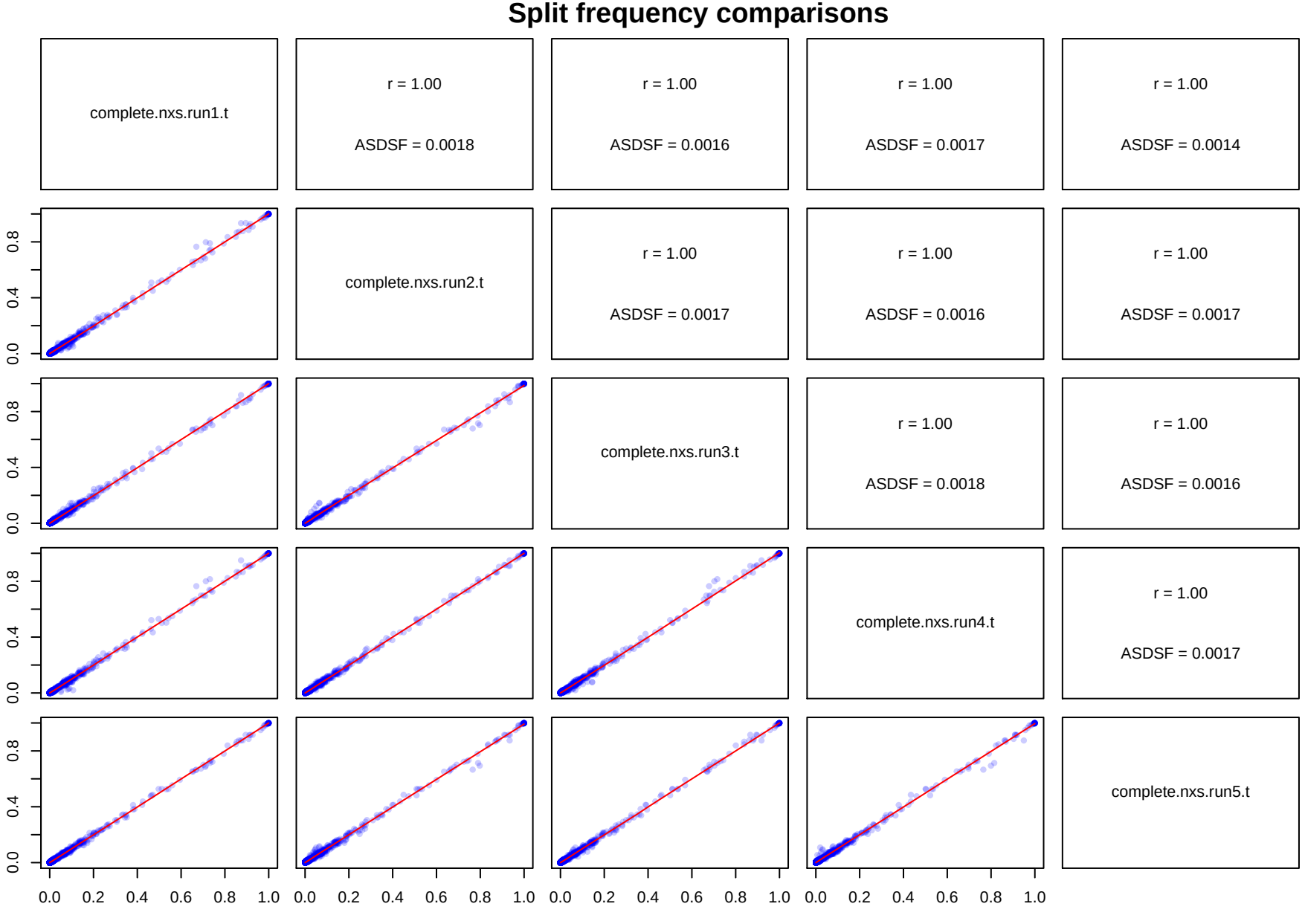

Cumulative Split Frequencies for 20 clades
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
Split Frequency
1.00
0.75
0.50
0.25
0.00
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation
WCSF
0.20
0.16
0.12

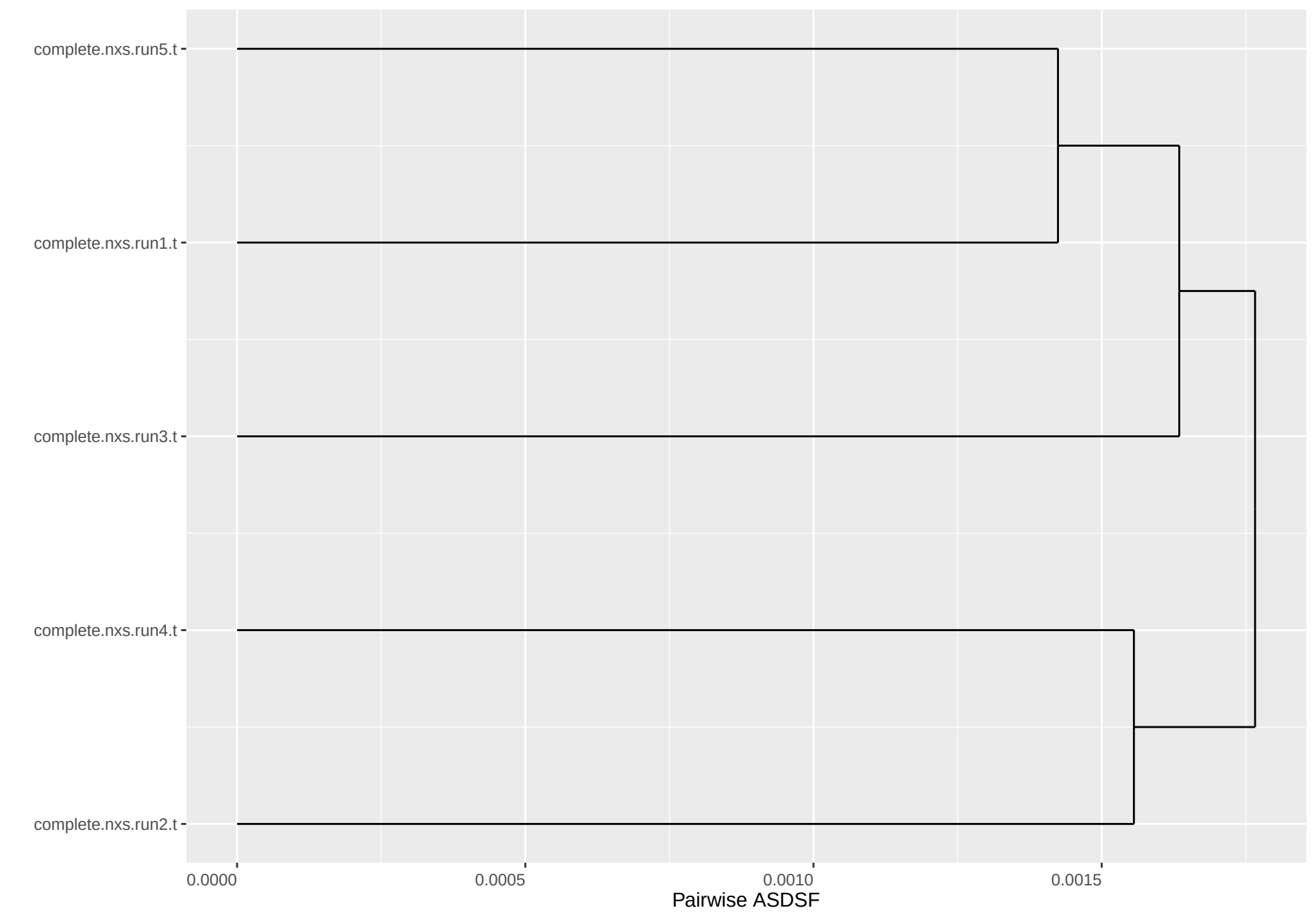

Cumulative Change in Split Frequencies
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
Change in Split Frequency
0.012
0.008
0.004
0.000
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


Tree space heatmap for 100 trees
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
y
x
50
25
0
−25
0
25
50
75
100
density
0.006
0.004
0.002


Tree space for 100 trees
complete.nxs.run1.t
complete.nxs.run2.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run5.t
y
x
40
20
0
−20
0
25
50
75
100
generation
1.5e+07
1.0e+07
5.0e+06
0.0e+00


Average Standard Deviation of Split Frequencies
Standard Deviation of Split Frequencies
0.100
0.010
0.001
0.0e+00
5.0e+06
1.0e+07
1.5e+07
Generation


Split frequency comparisons
complete.nxs.run1.t
r = 1.00
ASDSF = 0.0018
r = 1.00
ASDSF = 0.0016
r = 1.00
ASDSF = 0.0017
r = 1.00
ASDSF = 0.0014
complete.nxs.run2.t
r = 1.00
ASDSF = 0.0017
r = 1.00
ASDSF = 0.0016
r = 1.00
ASDSF = 0.0017
complete.nxs.run3.t
r = 1.00
ASDSF = 0.0018
r = 1.00
ASDSF = 0.0016
complete.nxs.run4.t
r = 1.00
ASDSF = 0.0017
complete.nxs.run5.t
0.0
0.4
0.8
0.0
0.2
0.4
0.6
0.8
1.0


complete.nxs.run5.t
complete.nxs.run1.t
complete.nxs.run3.t
complete.nxs.run4.t
complete.nxs.run2.t
0.0000
0.0005
0.0010
0.0015
Pairwise ASDSF