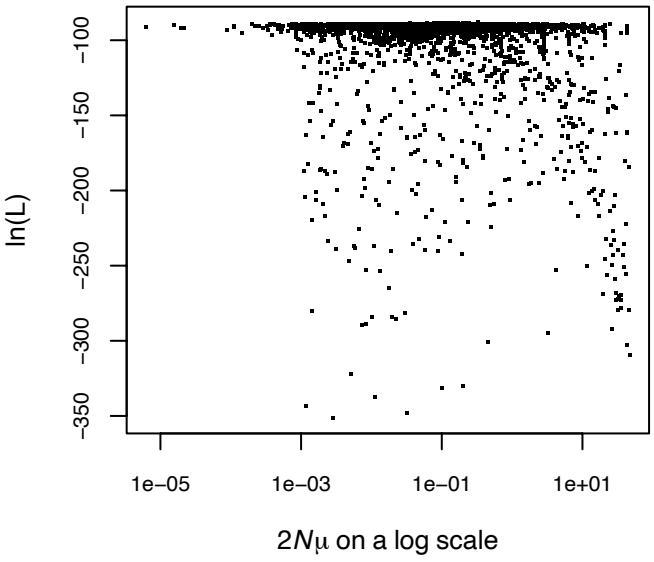
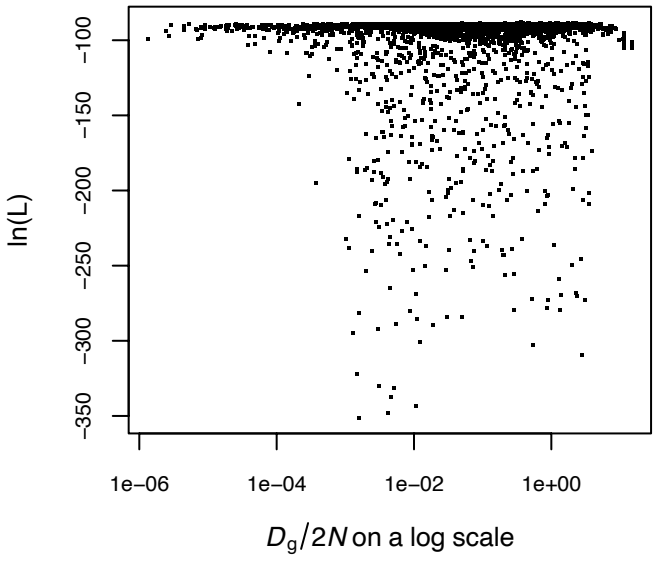
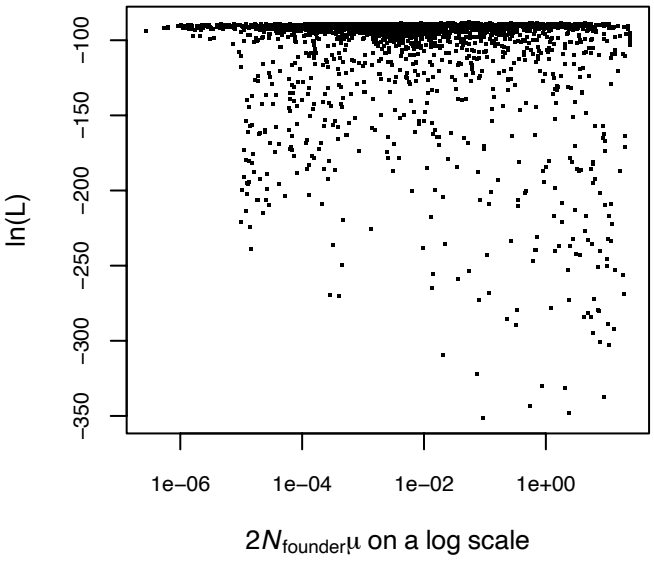
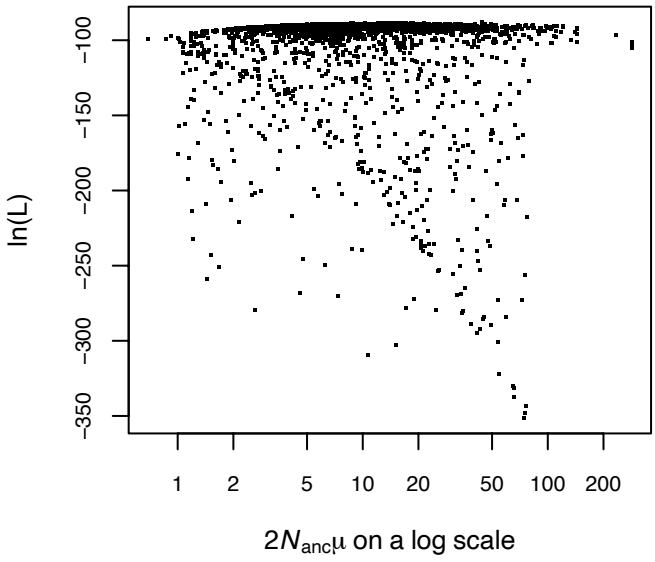
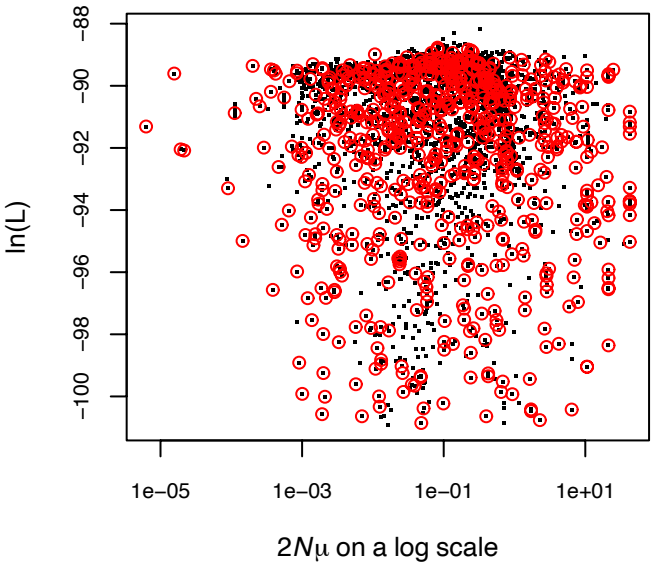
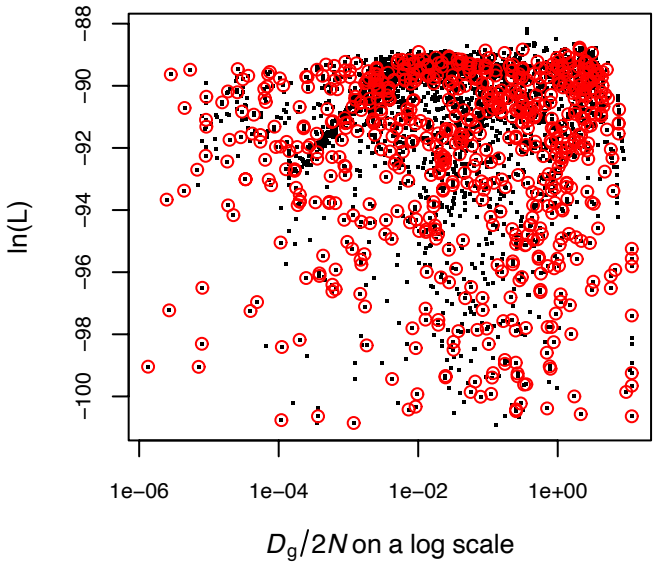

ln(L)
−100
−150
−200
−250
−300
−350
1e−05
1e−03
1e−01
1e+01
2Nμ on a log scale

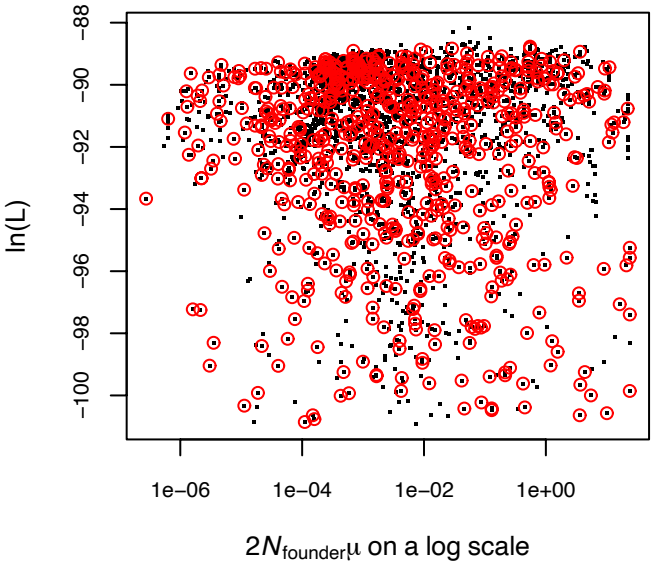

ln(L)
−100
−150
−200
−250
−300
−350
1e−06
1e−04
1e−02
1e+00
Dg/2N on a log scale

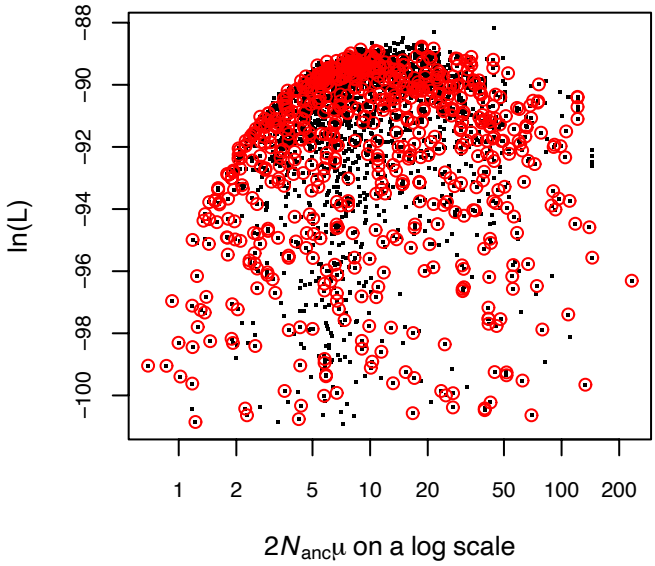

ln(L)
−100
−150
−200
−250
−300
−350
1e−06
1e−04
1e−02
1e+00
2Nfounderμ on a log scale


ln(L)
−100
−150
−200
−250
−300
−350
1
2
5
10
20
50
100
200
2Nancμ on a log scale

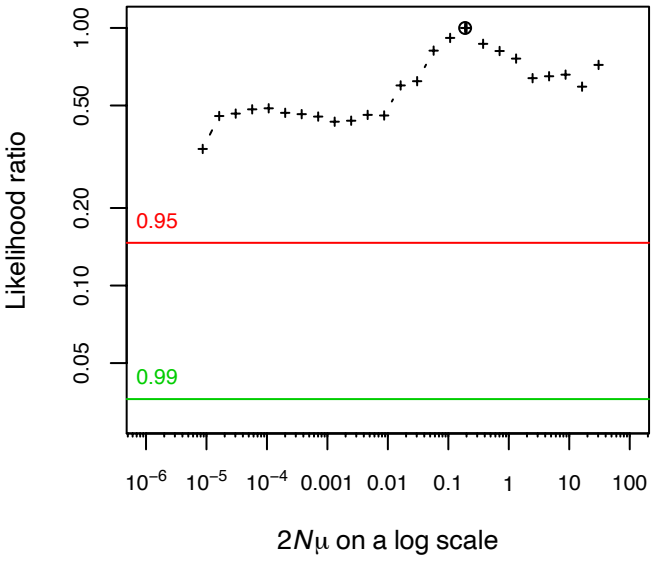

ln(L)
−88
−90
−92
−94
−96
−98
−100
1e−05
1e−03
1e−01
1e+01
2Nμ on a log scale

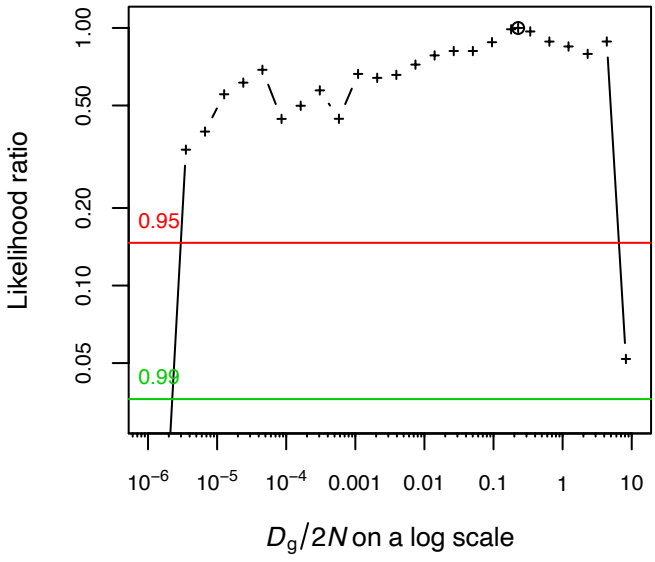

ln(L)
−88
−90
−92
−94
−96
−98
−100
1e−06
1e−04
1e−02
1e+00
Dg/2N on a log scale

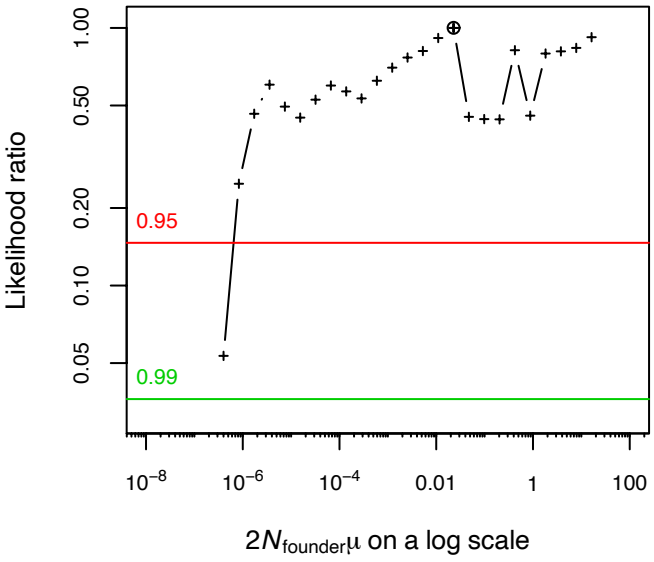

ln(L)
−88
−90
−92
−94
−96
−98
−100
1e−06
1e−04
1e−02
1e+00
2Nfounderμ on a log scale

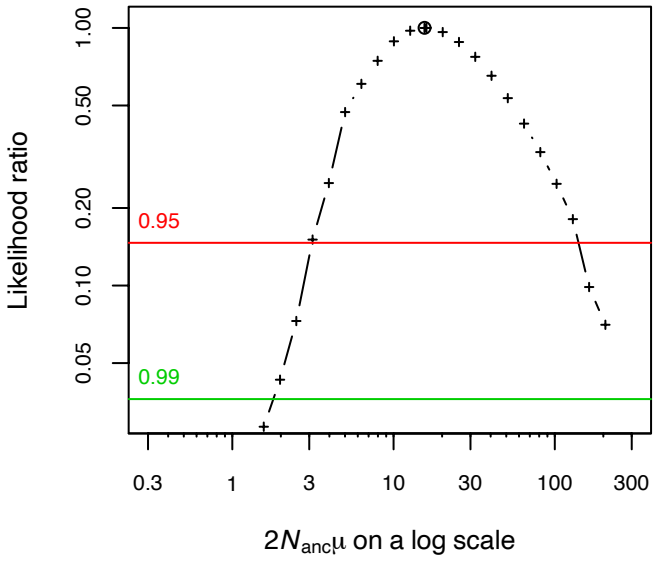

ln(L)
−88
−90
−92
−94
−96
−98
−100
1
2
5
10
20
50
100
200
2Nancμ on a log scale

One–parameter likelihood ratio profiles

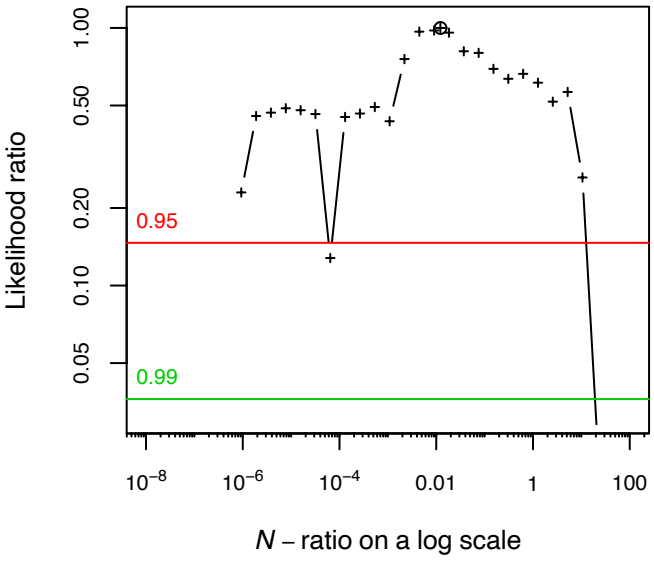


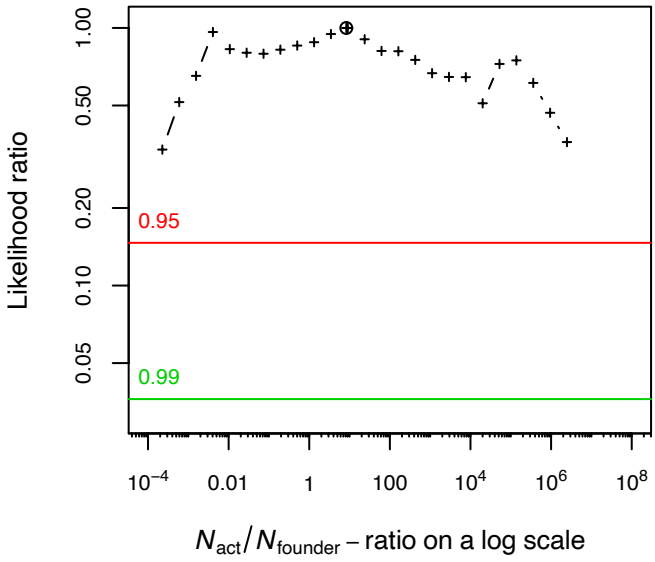


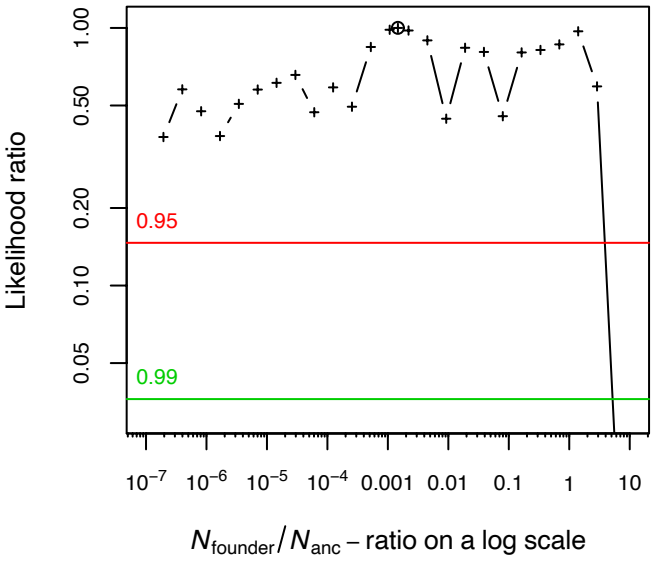


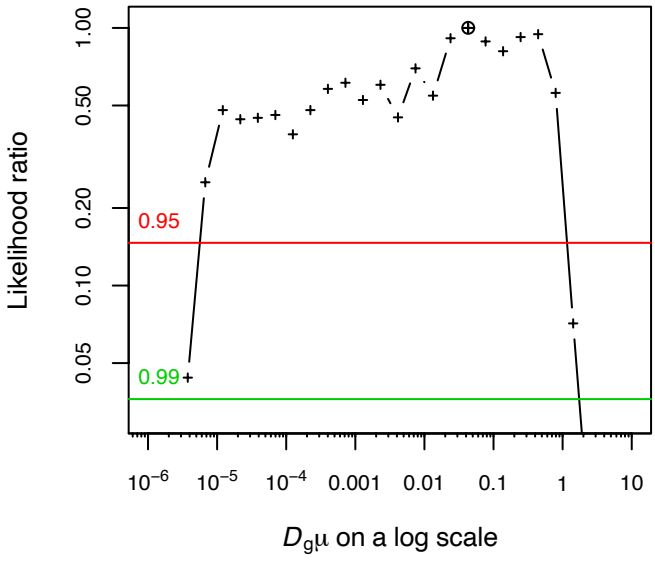


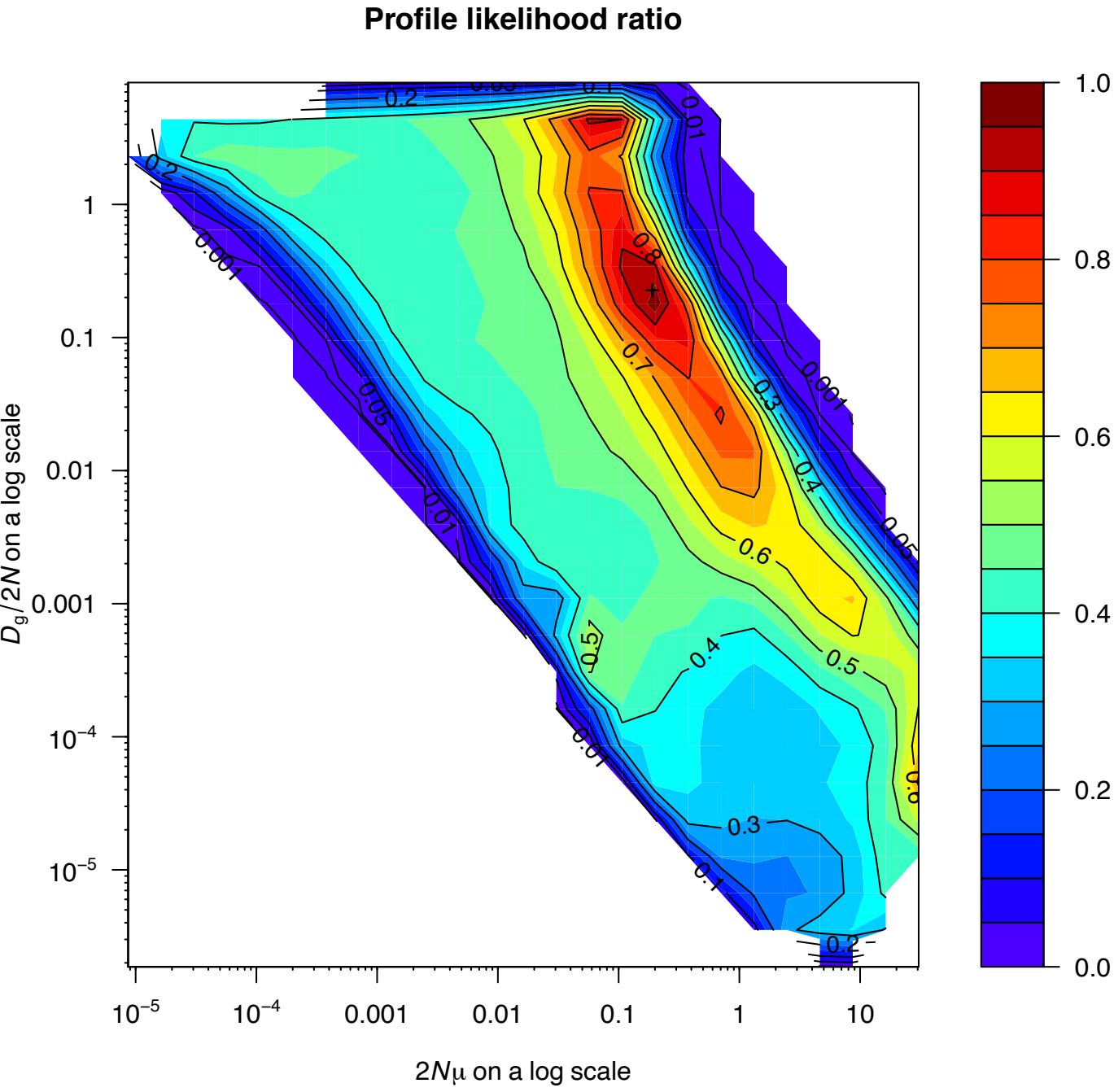
One–parameter likelihood ratio profiles

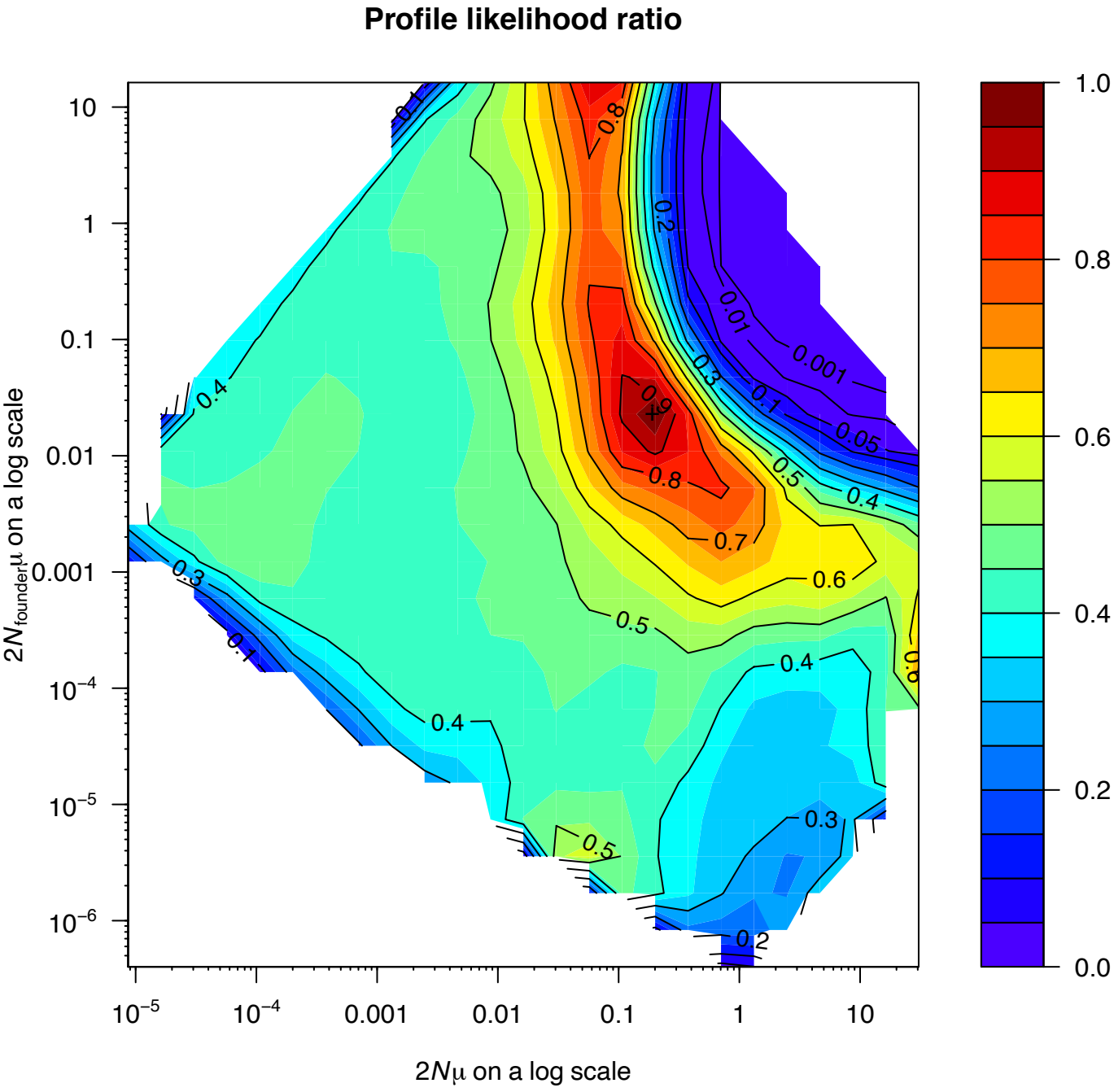


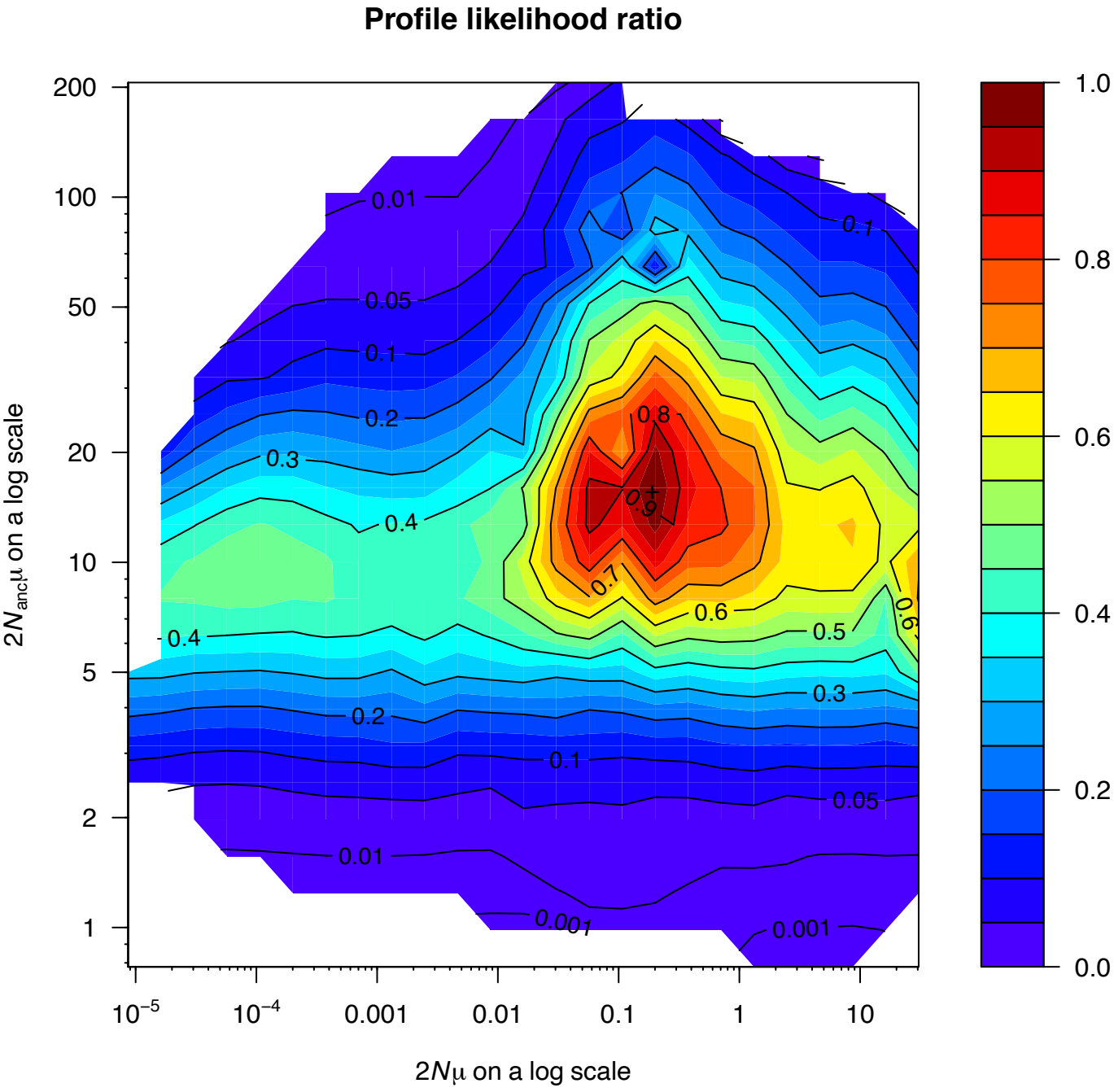


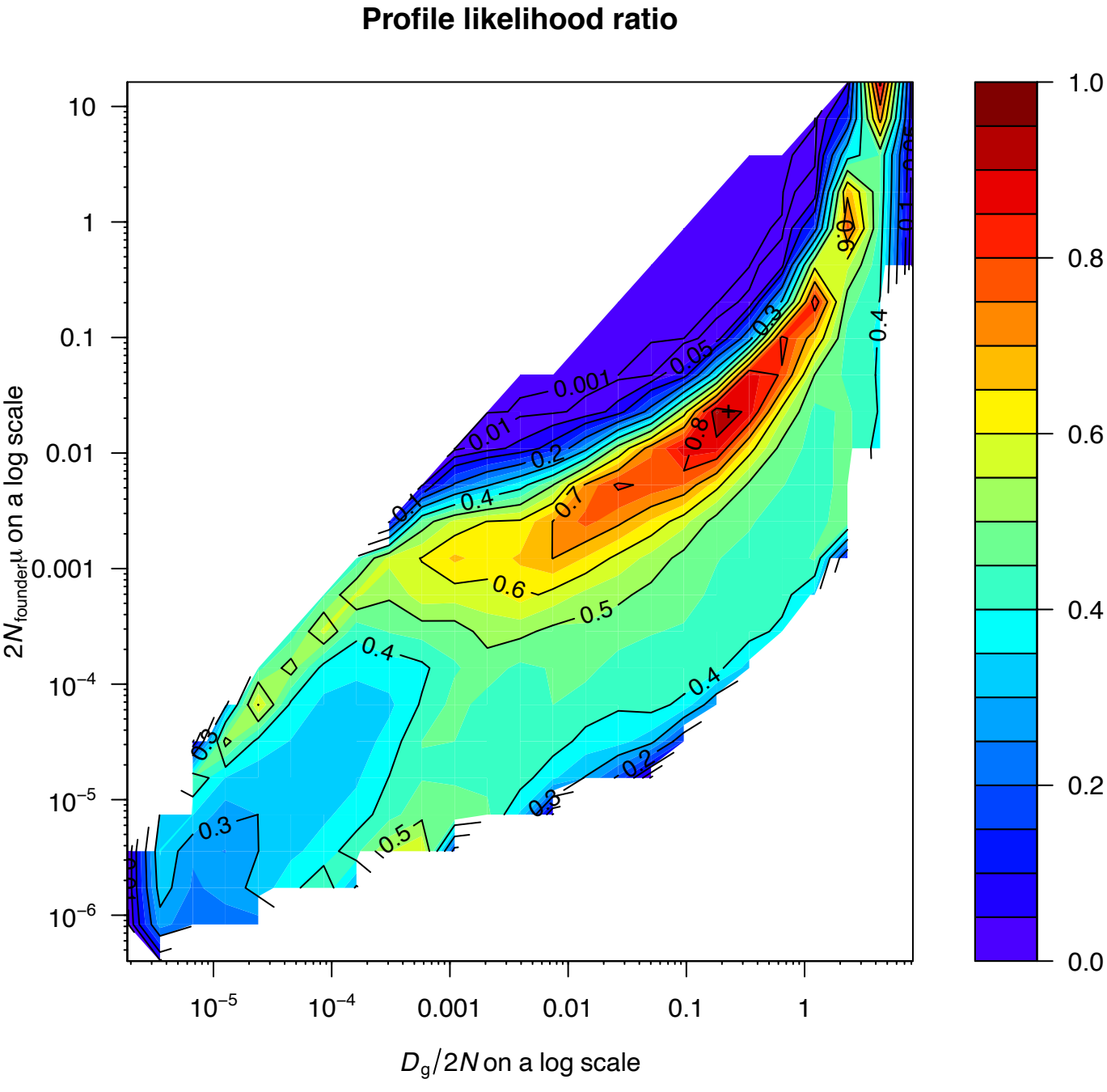


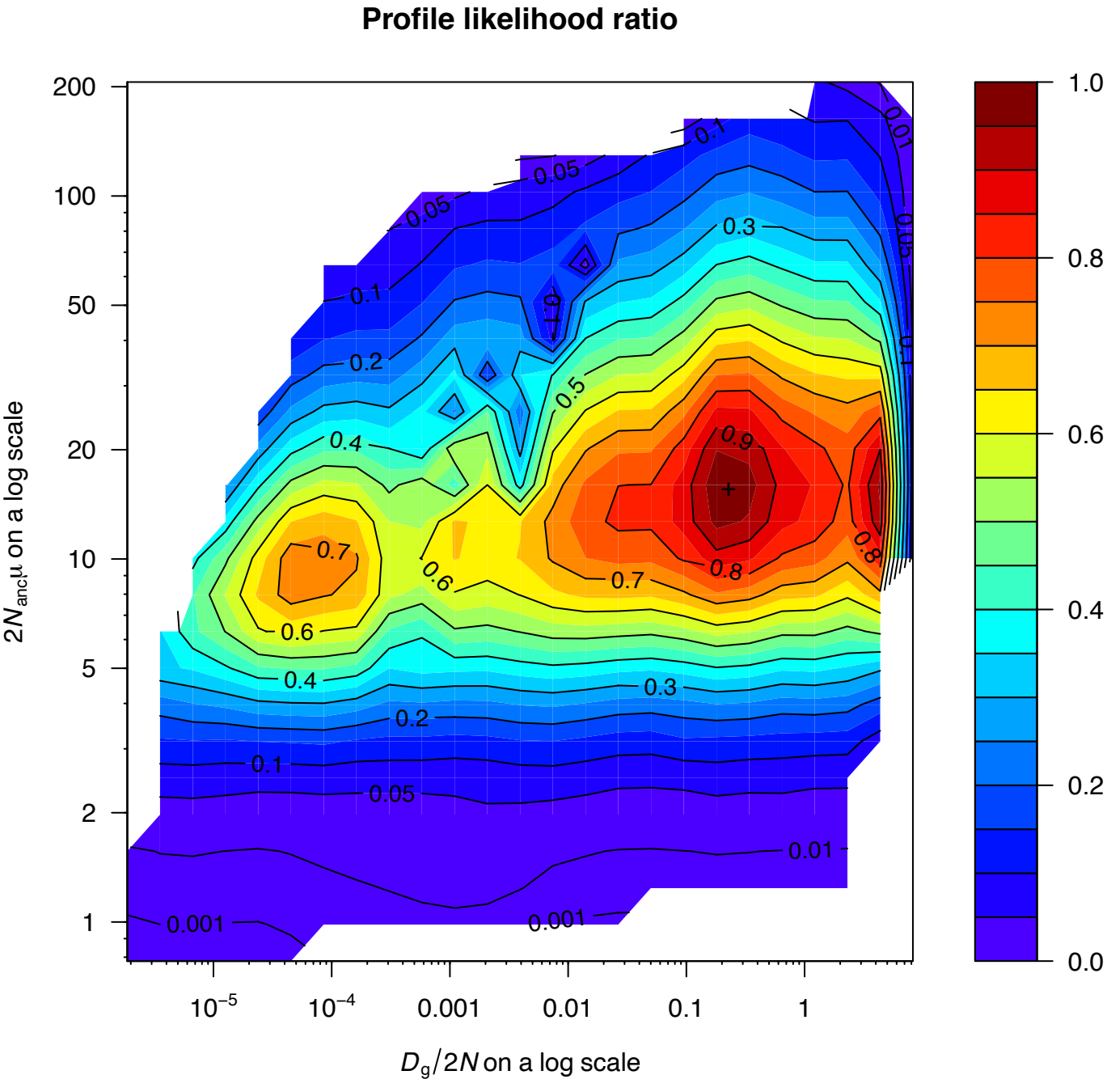


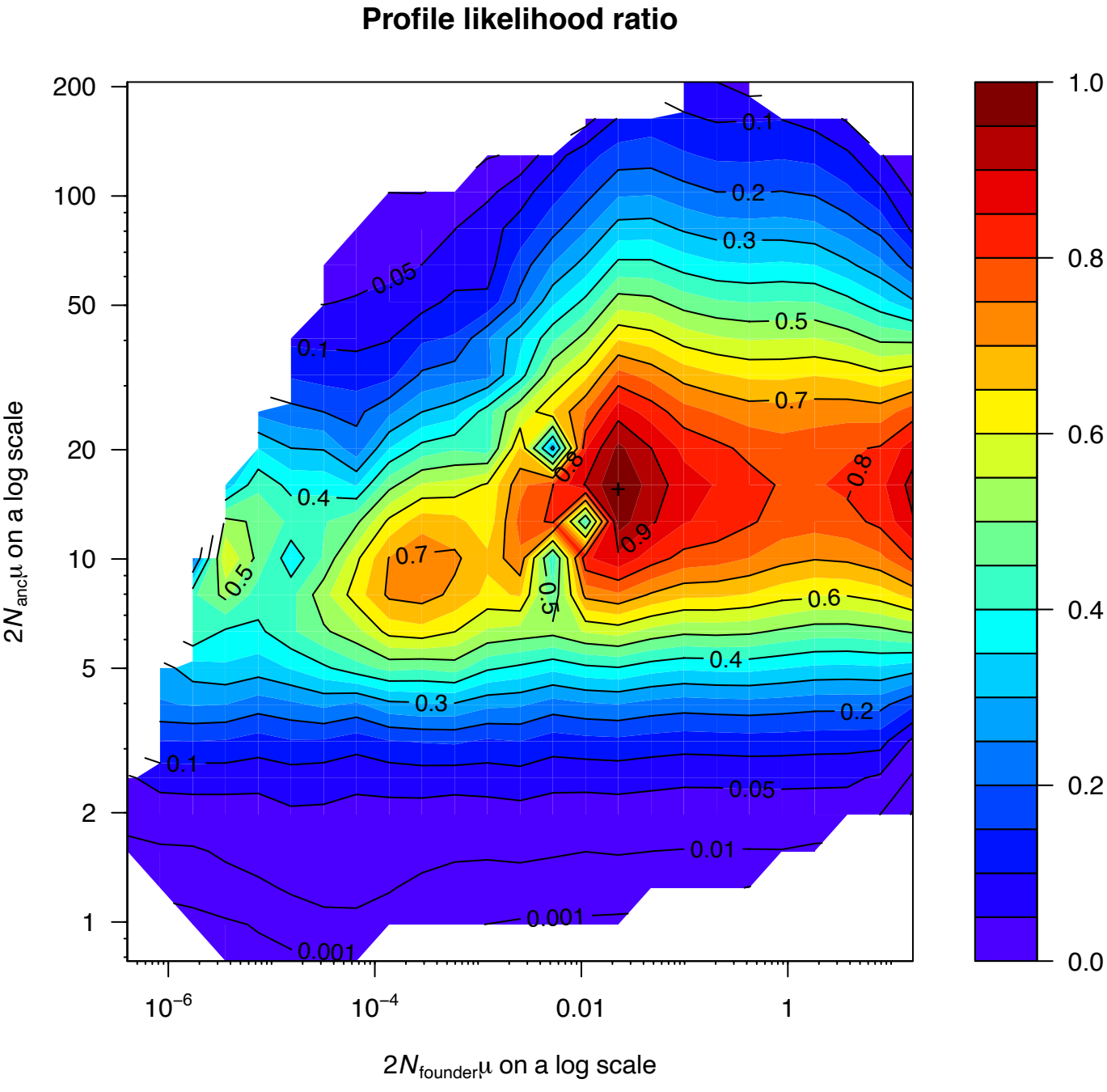

Profile likelihood ratio
$D_g/2N$ on a log scale
$2N\mu$ on a log scale
1
0.1
0.01
0.001
10^{-4}
10^{-5}
10^{-5}
10^{-4}
0.001
0.01
0.1
1
10
1.0
0.8
0.6
0.4
0.2
0.0


Profile likelihood ratio
10
1
0.1
0.01
0.001
10^{-4}
10^{-5}
10^{-6}
$2N_{\text{founder}}\mu$ on a log scale
10^{-5}
10^{-4}
0.001
0.01
0.1
1
10
$2N\mu$ on a log scale
1.0
0.8
0.6
0.4
0.2
0.0

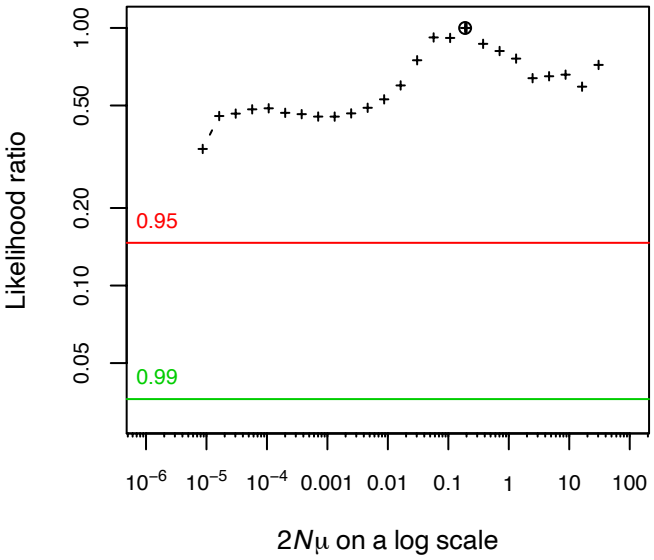

Profile likelihood ratio
200
100
50
20
10
5
2
1
0.01
0.05
0.1
0.2
0.3
0.4
0.8
0.9
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.05
0.01
0.001
0.001
10^{-5}
10^{-4}
0.001
0.01
0.1
1
10
$2N_{anc}\mu$ on a log scale
$2N\mu$ on a log scale
1.0
0.8
0.6
0.4
0.2
0.0

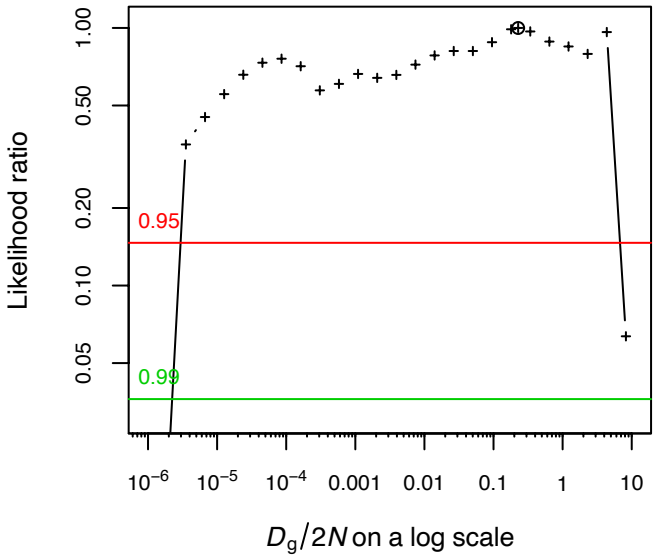

Profile likelihood ratio
10
1
0.1
0.01
0.001
10^{-4}
10^{-5}
10^{-6}
$2N_{\text{founder}}\mu$ on a log scale
10^{-5}
10^{-4}
0.001
0.01
0.1
1
$D_g/2N$ on a log scale
1.0
0.8
0.6
0.4
0.2
0.0

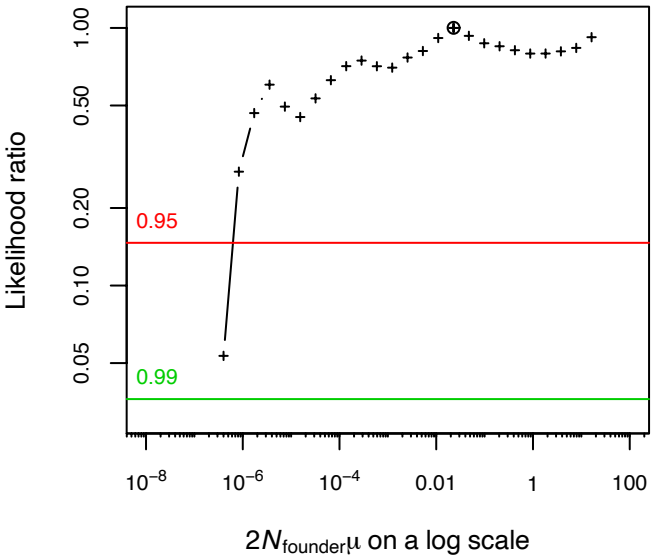

Profile likelihood ratio
200
100
50
20
10
5
2
1
$2N_{anc}\mu$ on a log scale
10^{-5}
10^{-4}
0.001
0.01
0.1
1
$D_g/2N$ on a log scale
1.0
0.8
0.6
0.4
0.2
0.0

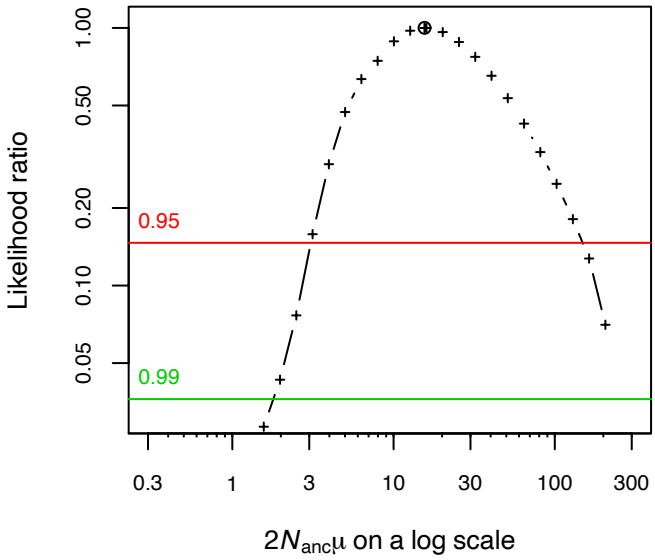

Profile likelihood ratio
200
100
50
20
10
5
2
1
$2N_{anc}\mu$ on a log scale
0.1
0.2
0.3
0.5
0.7
0.8
0.9
0.6
0.4
0.05
0.01
0.001
10^{-6}
10^{-4}
0.01
1
$2N_{founder}\mu$ on a log scale
1.0
0.8
0.6
0.4
0.2
0.0

One–parameter likelihood ratio profiles

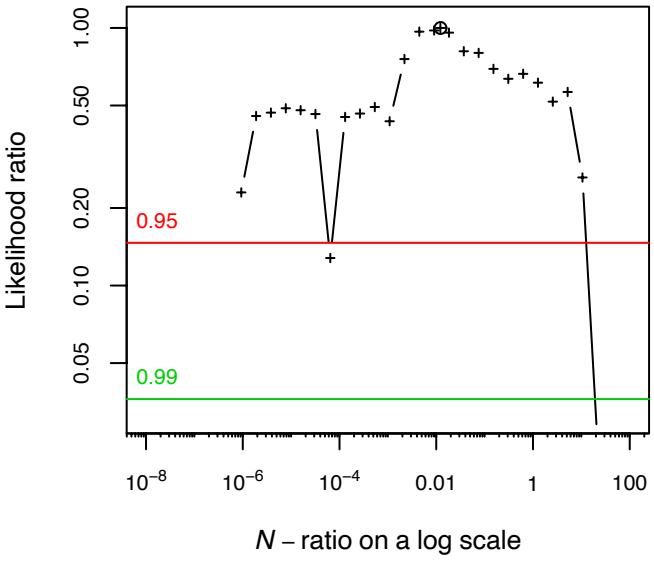


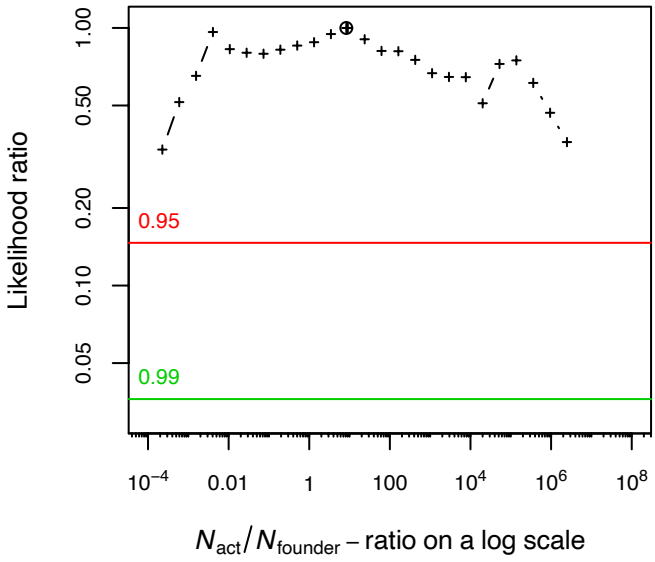


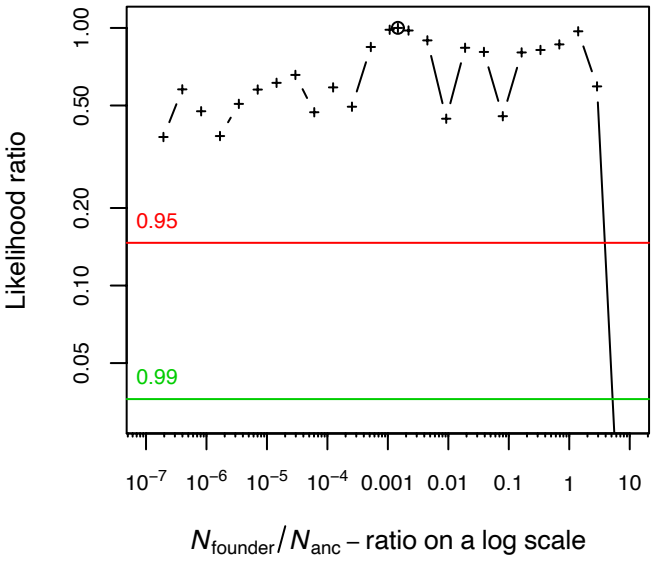


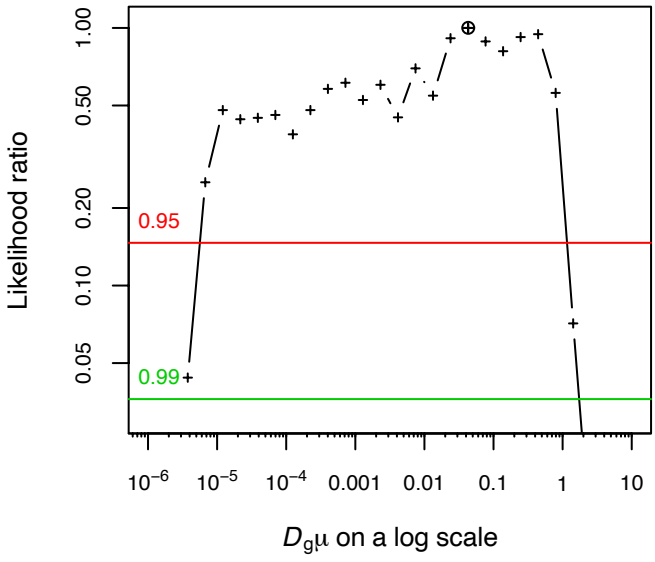


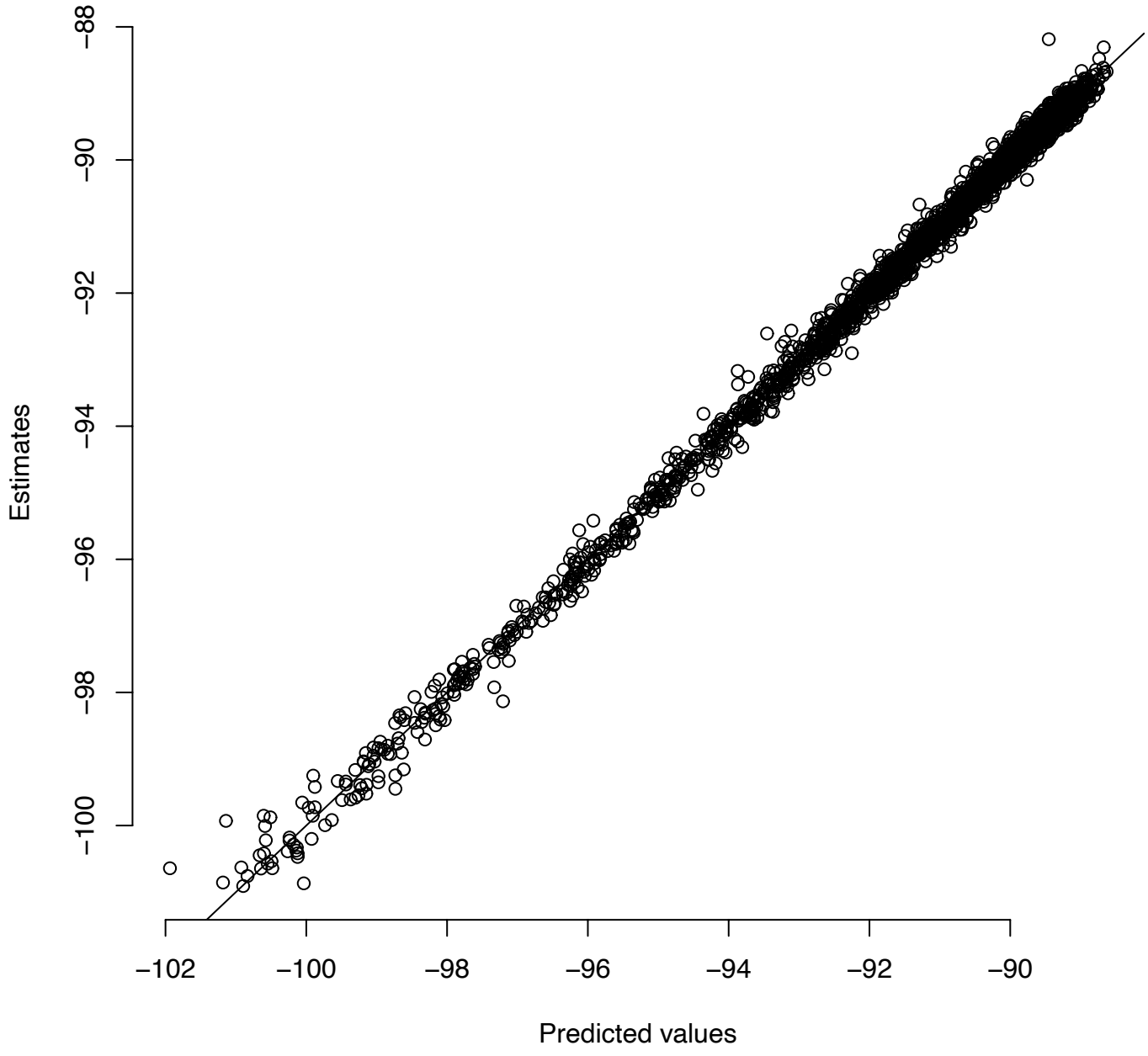
One–parameter likelihood ratio profiles

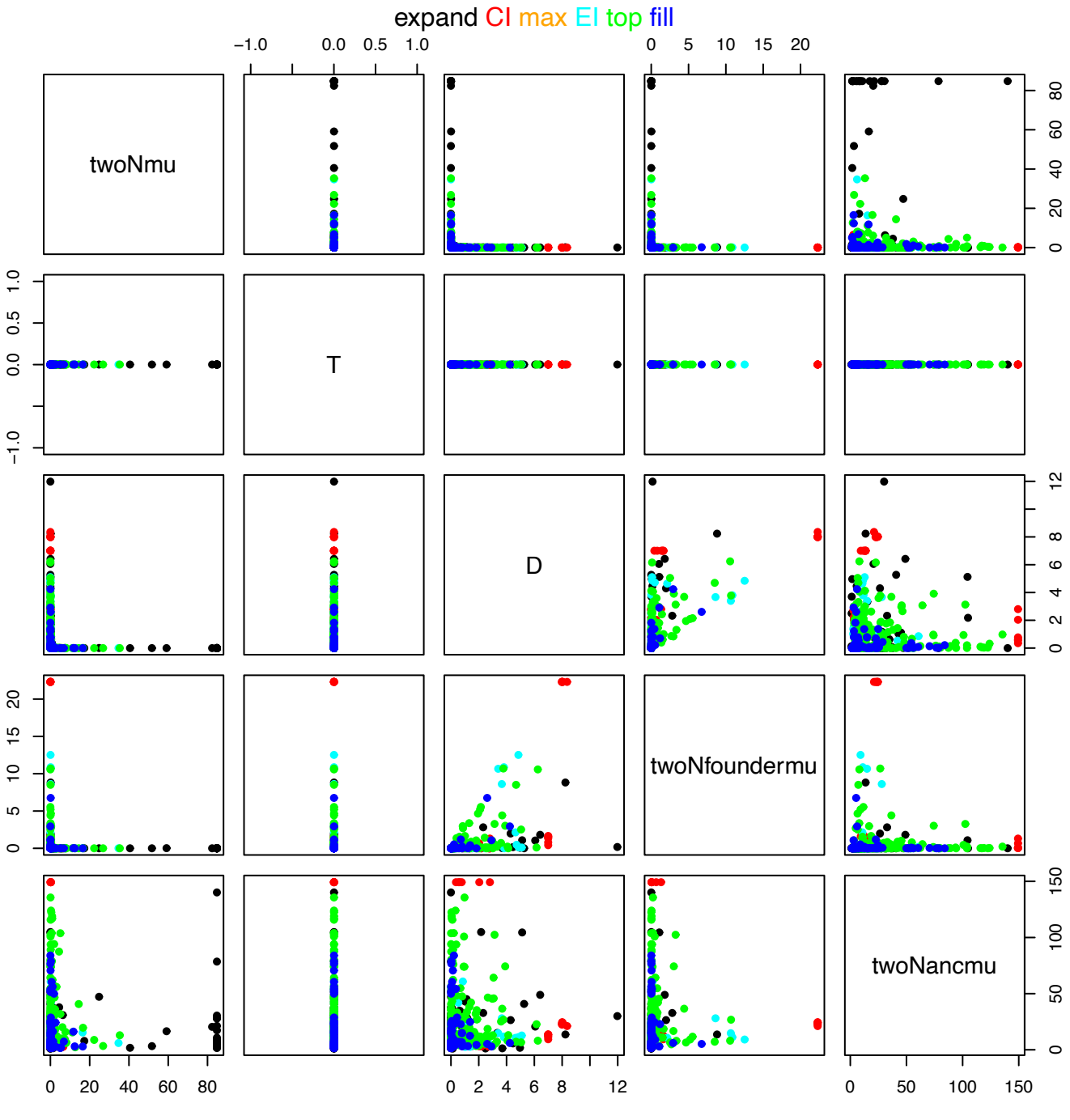









Estimates
−88
−90
−92
−94
−96
−98
−100
−102
−100
−98
−96
−94
−92
−90
Predicted values


expand CI max EI top fill
twoNmu
T
D
twoNfoundermu
twoNancmu