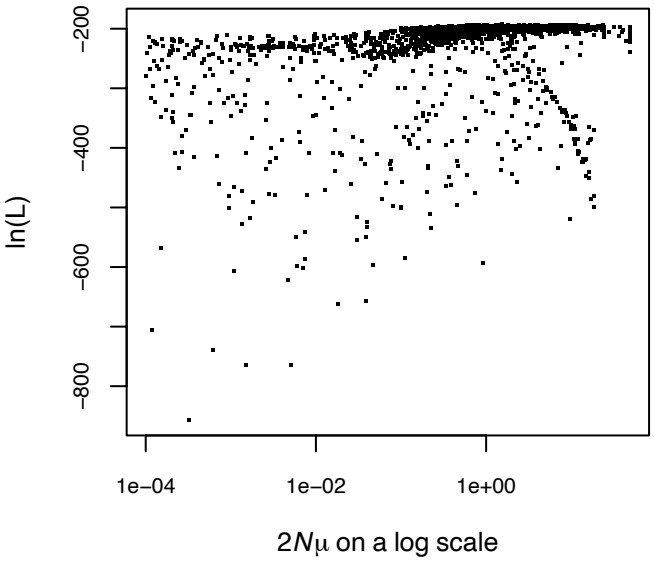
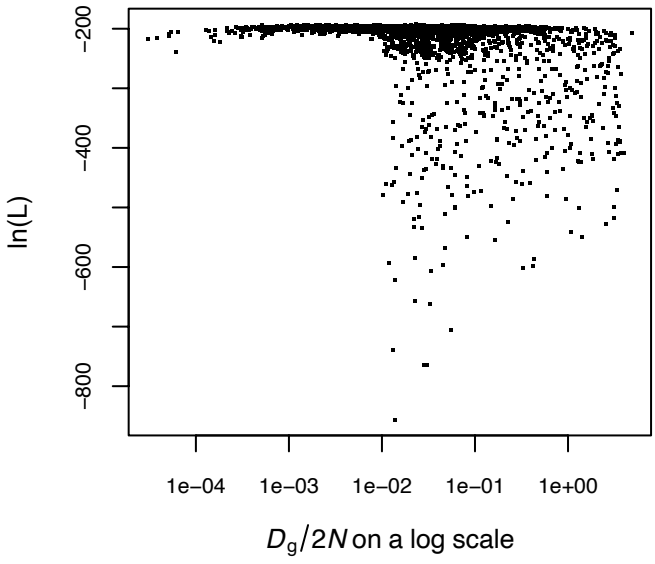
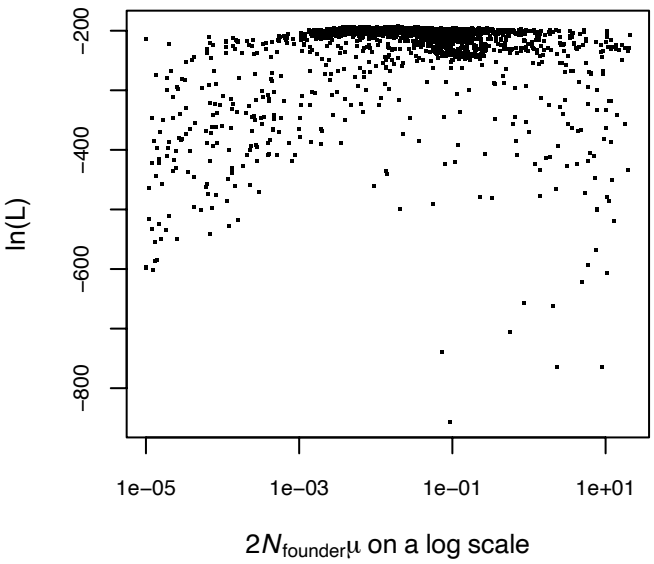

ln(L)
−200
−400
−600
−800
1e−04
1e−02
1e+00
2Nμ on a log scale


ln(L)
−200
−400
−600
−800
1e−04
1e−03
1e−02
1e−01
1e+00
Dg/2N on a log scale


ln(L)
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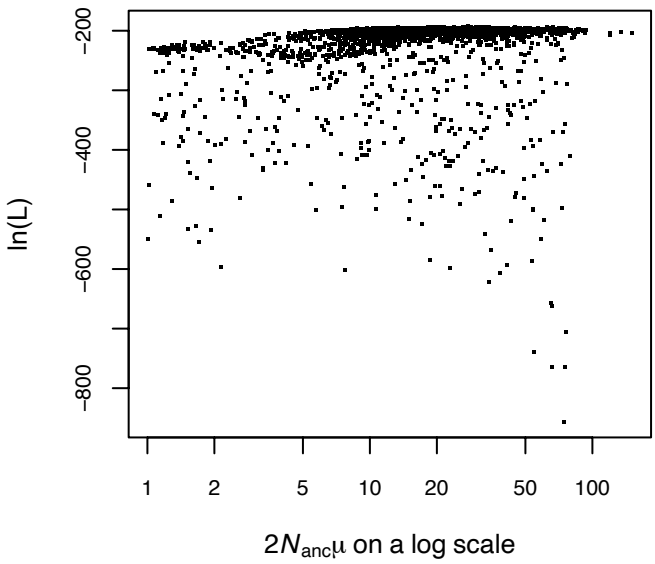
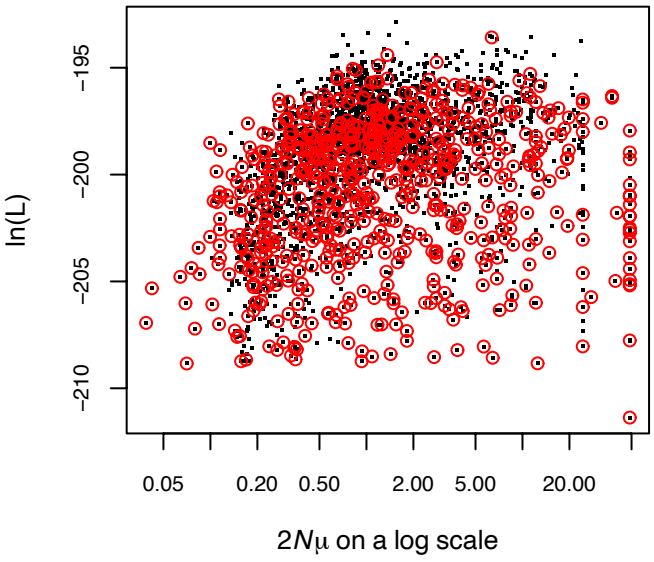
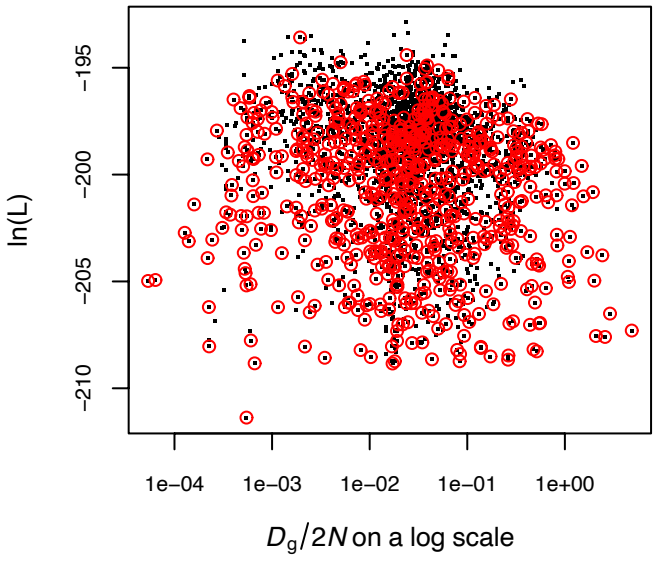
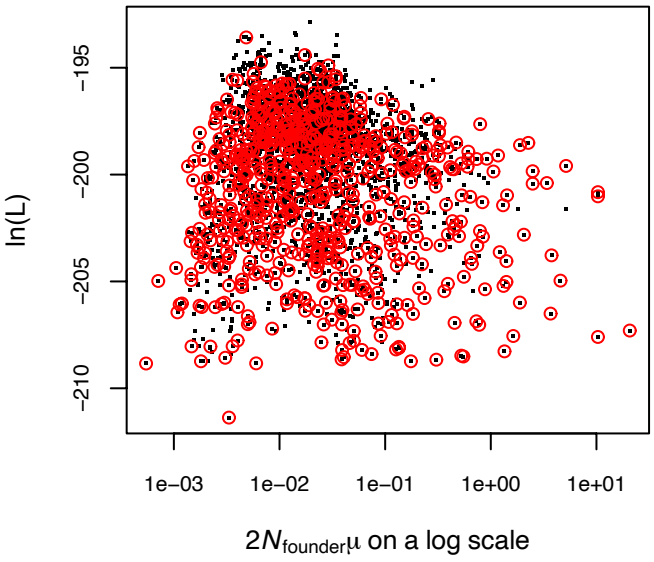
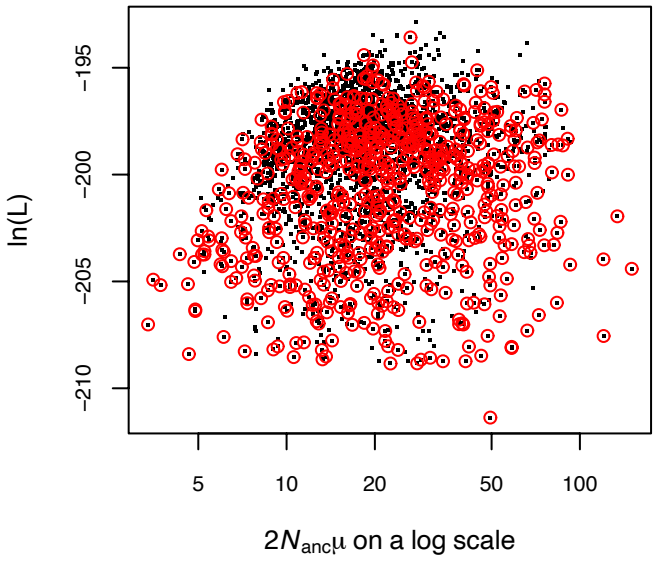
−400
−600
−800
1e−05
1e−03
1e−01
1e+01
2Nfounderμ on a log scale


ln(L)
−200
−400
−600
−800
1
2
5
10
20
50
100
2Nancμ on a log scale

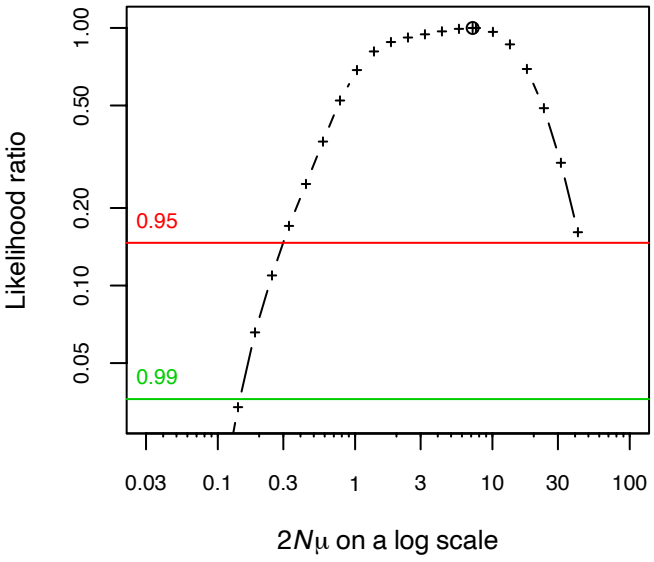

ln(L)
−195
−200
−205
−210
0.05
0.20
0.50
2.00
5.00
20.00
2Nμ on a log scale

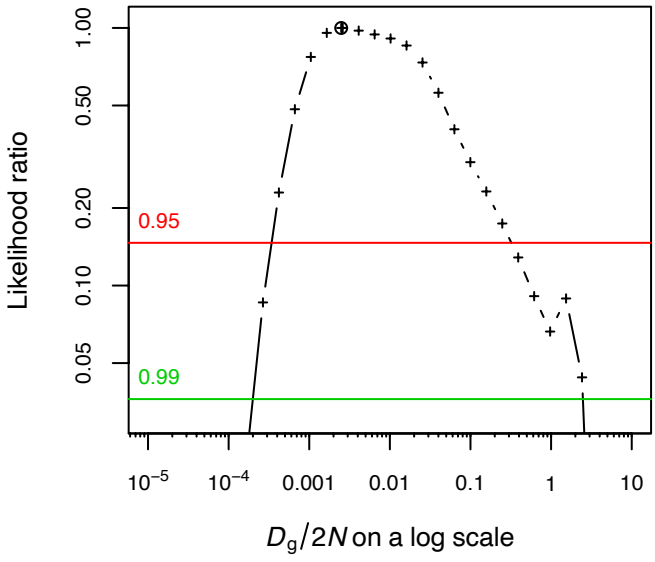

ln(L)
−195
−200
−205
−210
1e−04
1e−03
1e−02
1e−01
1e+00
Dg/2N on a log scale

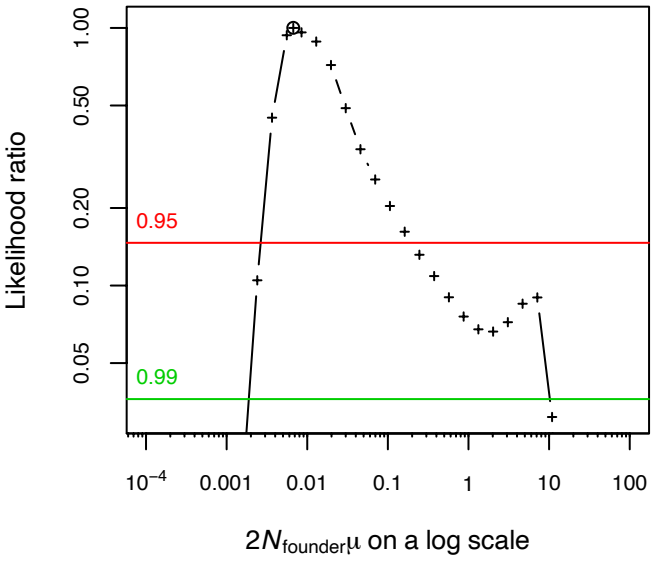

ln(L)
−195
−200
−205
−210
1e−03
1e−02
1e−01
1e+00
1e+01
2Nfounderμ on a log scale

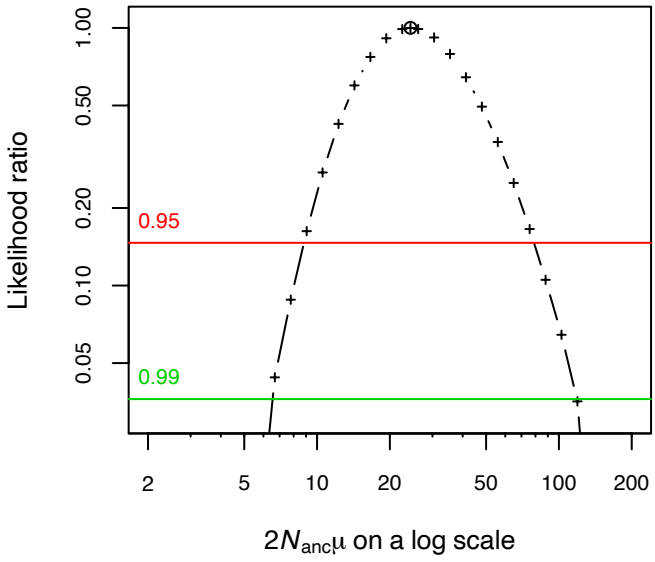

ln(L)
−195
−200
−205
−210
5
10
20
50
100
2Nancμ on a log scale

One–parameter likelihood ratio profiles

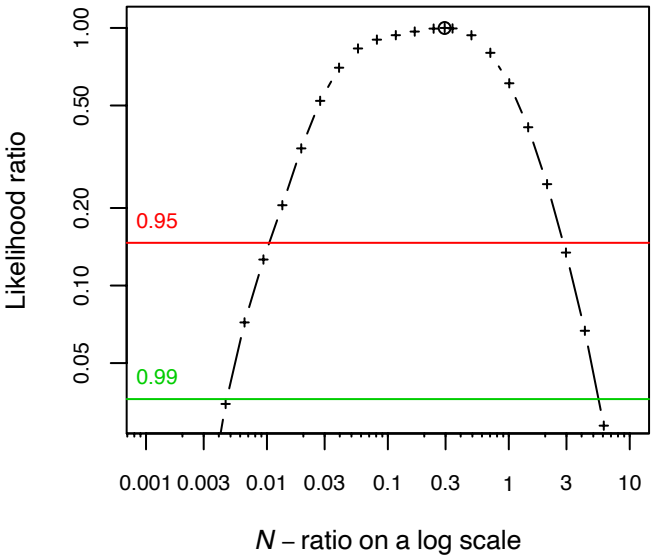


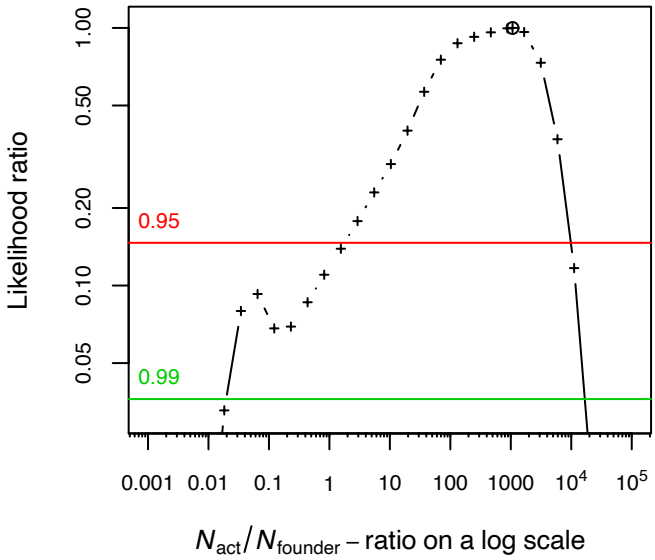


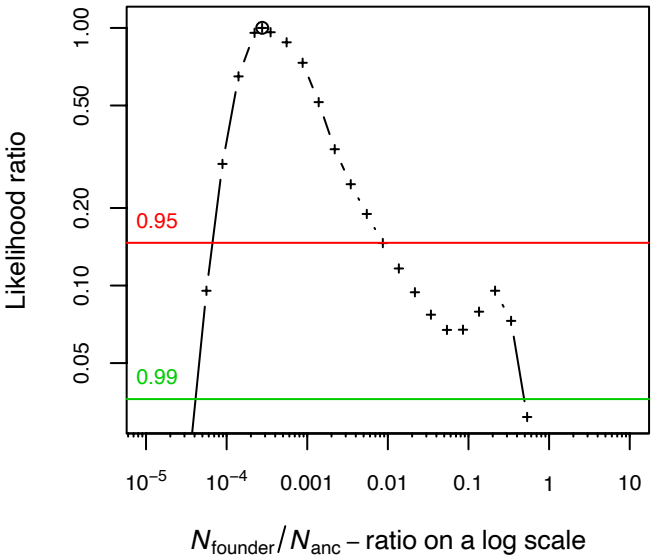


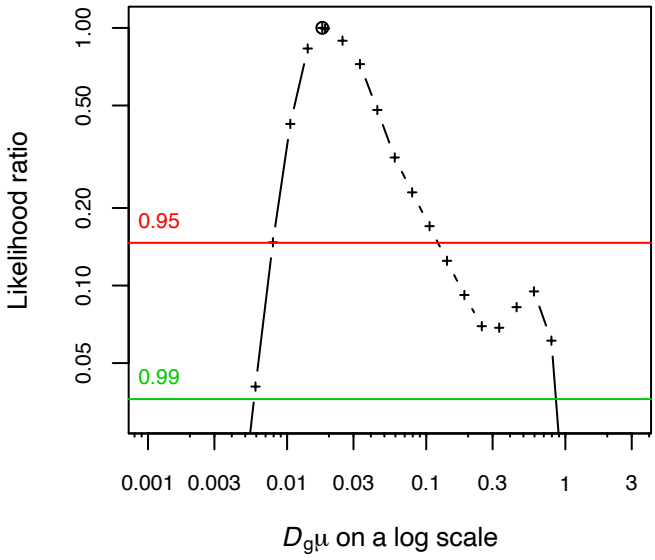


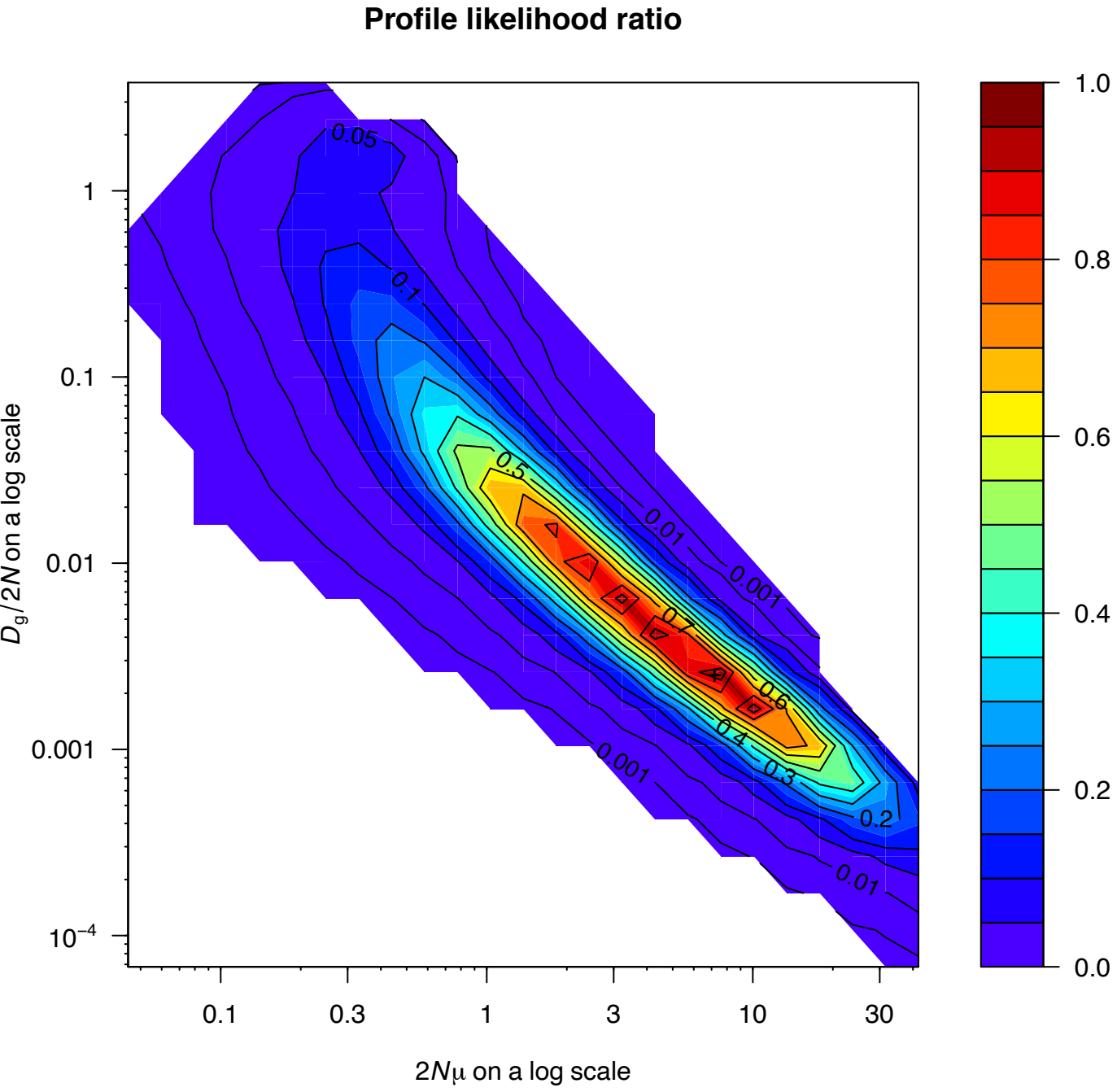
One–parameter likelihood ratio profiles

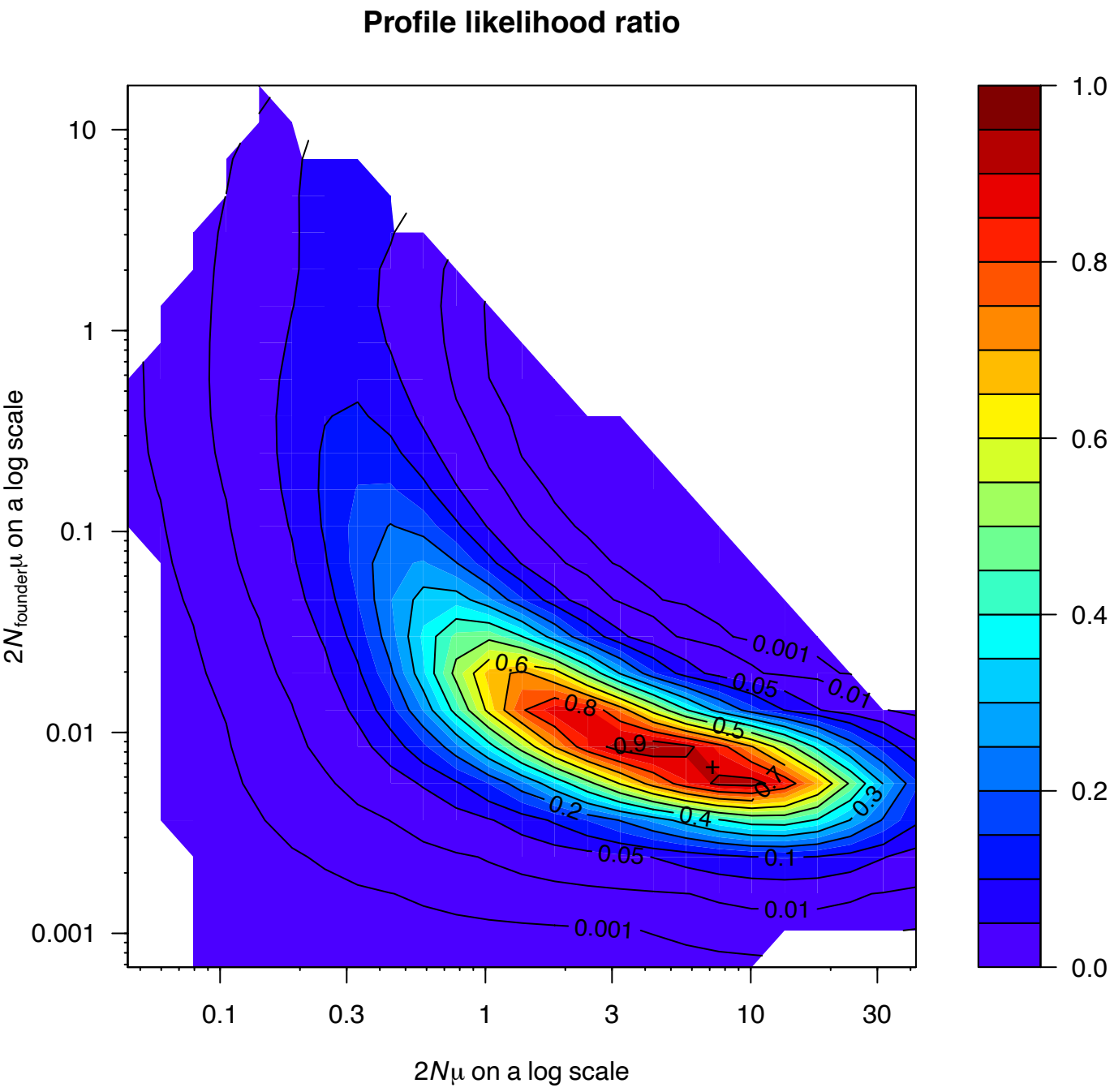


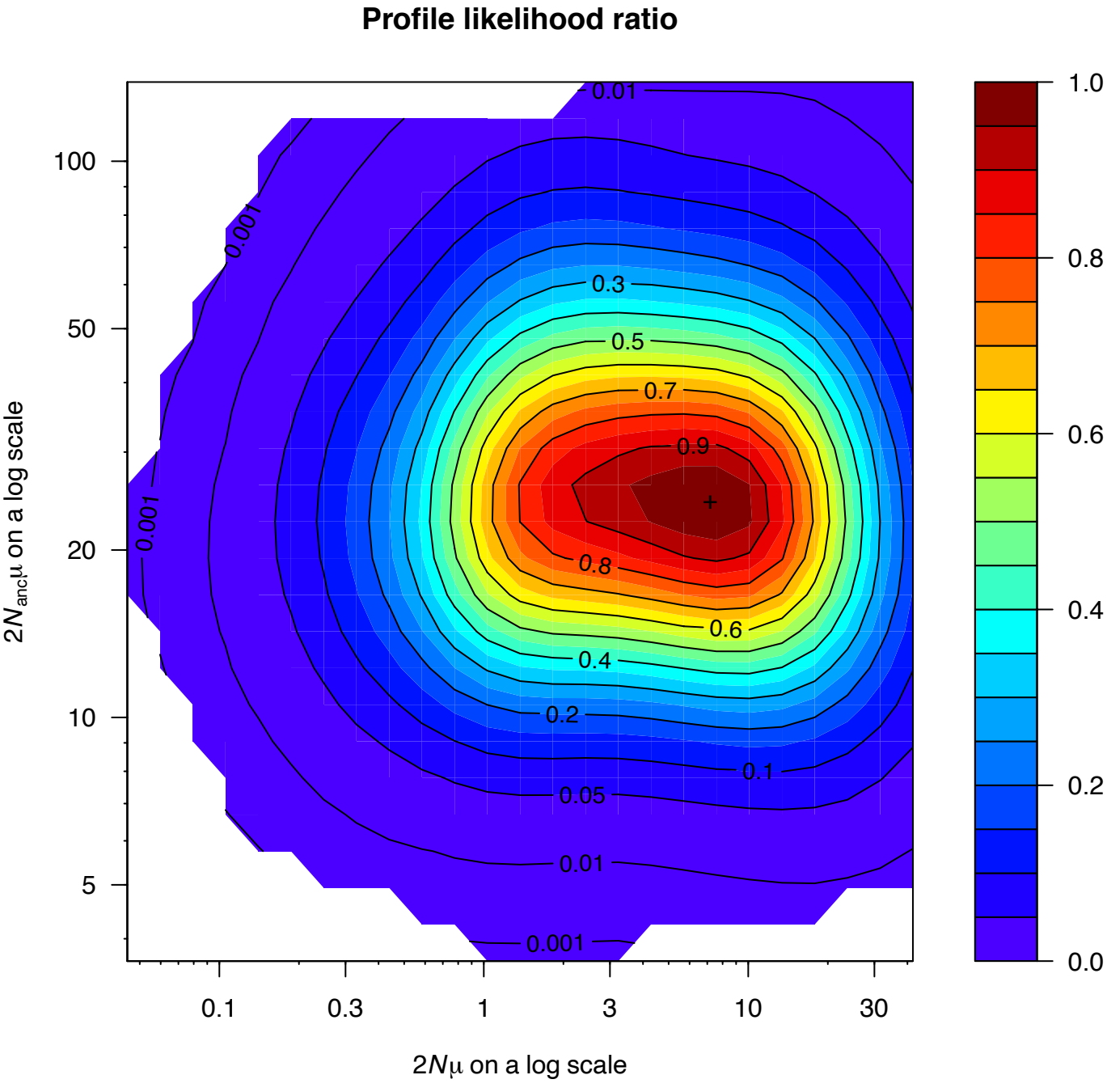


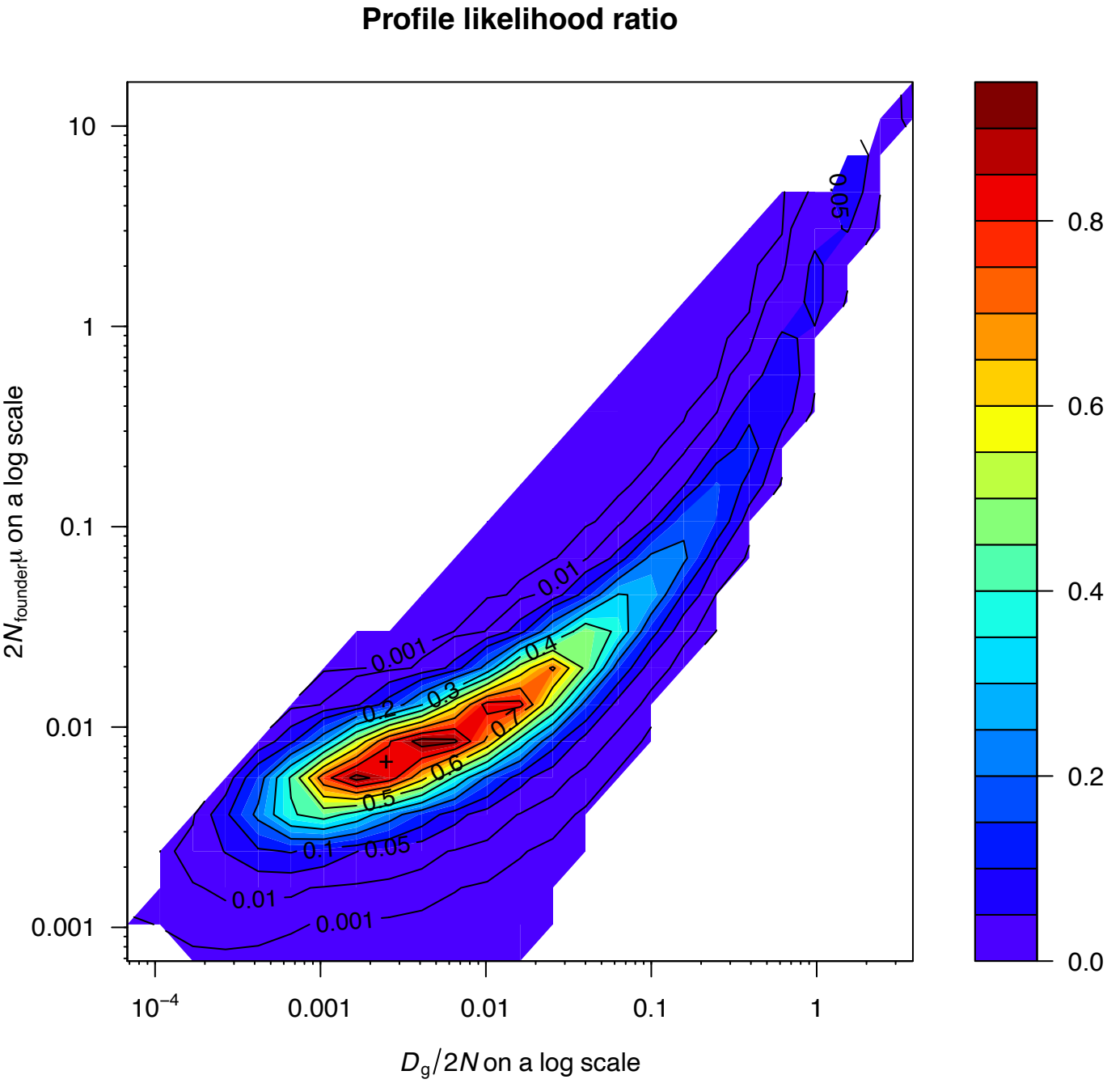


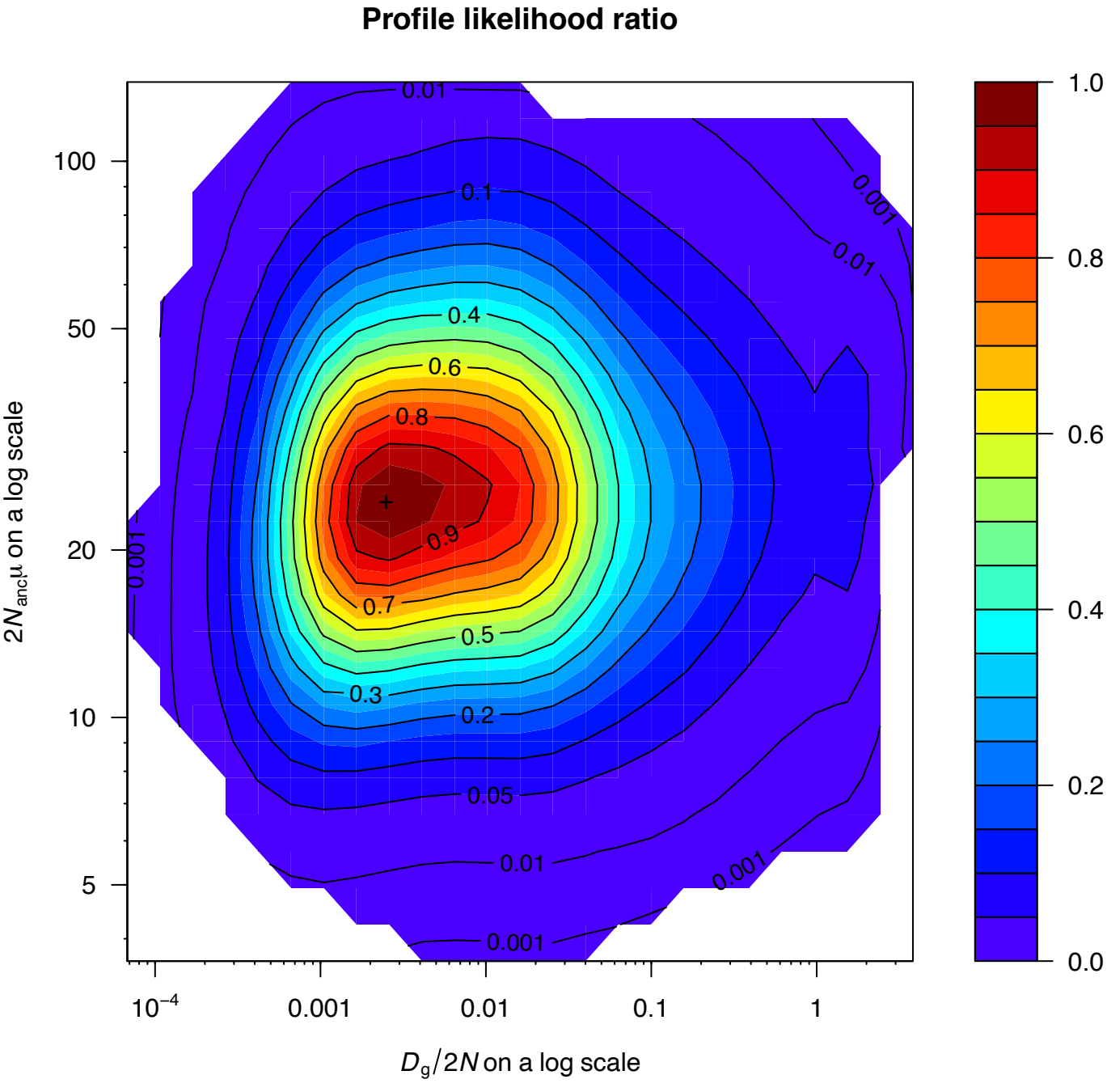



Profile likelihood ratio
1
0.1
0.01
0.001
10^{-4}
$D_g/2N$ on a log scale
0.1
0.3
1
3
10
30
$2N\mu$ on a log scale
0.05
0.1
0.5
0.01
0.001
0.7
0.6
0.4
0.3
0.2
0.001
0.01
1.0
0.8
0.6
0.4
0.2
0.0


Profile likelihood ratio
10
1
0.1
0.01
0.001
0.1
0.3
1
3
10
30
2Nμ on a log scale
2Nfounderμ on a log scale
1.0
0.8
0.6
0.4
0.2
0.0
0.001
0.05
0.01
0.6
0.8
0.5
0.9
1
0.3
0.2
0.4
0.05
0.1
0.01
0.001


Profile likelihood ratio
0.01
0.001
0.3
0.5
0.7
0.9
0.8
0.6
0.4
0.2
0.1
0.05
0.01
0.001
100
50
20
10
5
0.1
0.3
1
3
10
30
2Nμ on a log scale
2Nancμ 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
$2N_{\text{founder}}\mu$ on a log scale
10^{-4}
0.001
0.01
0.1
1
$D_g/2N$ on a log scale
0.8
0.6
0.4
0.2
0.0
0.05
0.01
0.001
0.4
0.3
0.2
0.7
0.6
0.5
0.1
0.05
0.01
0.001


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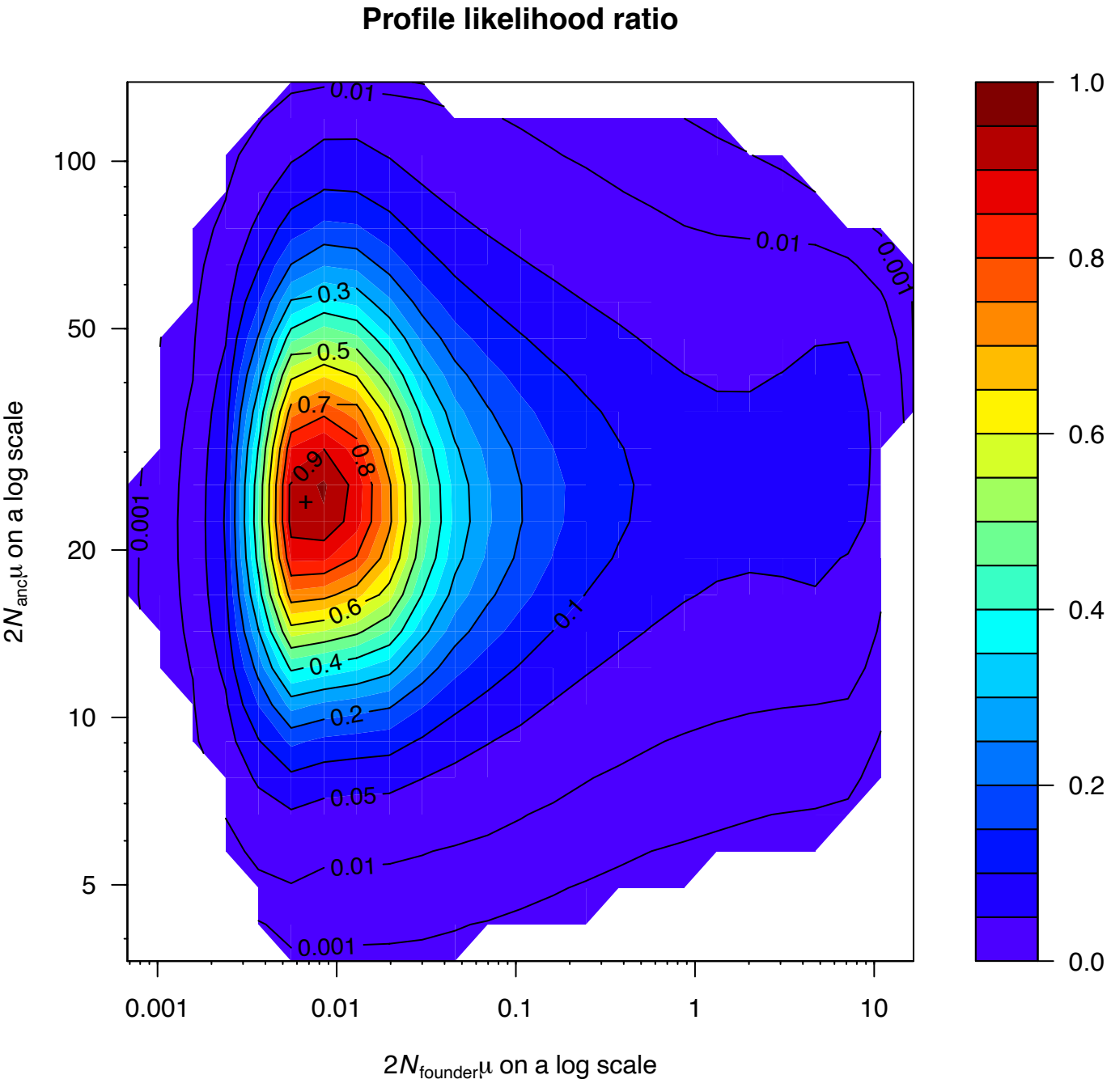
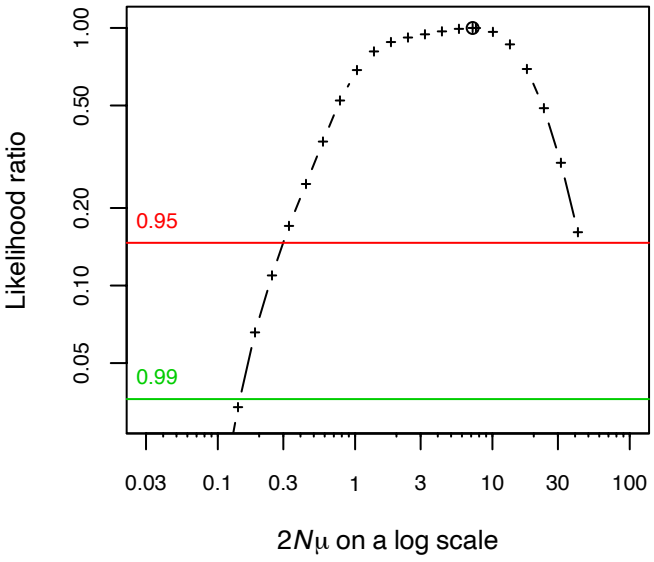
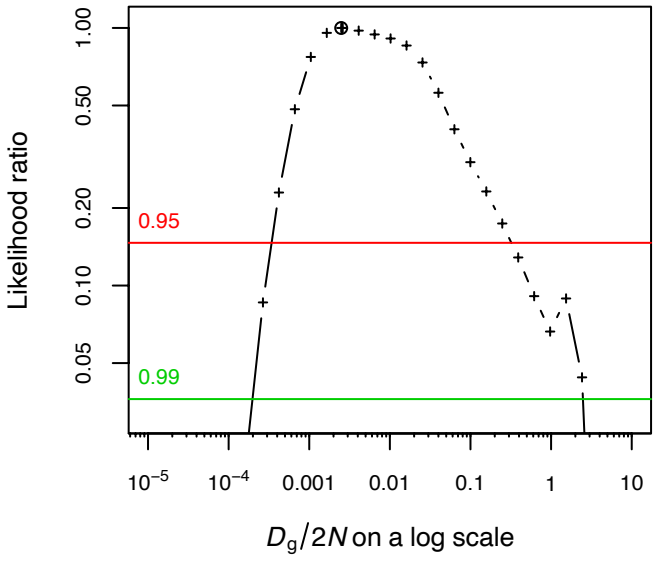
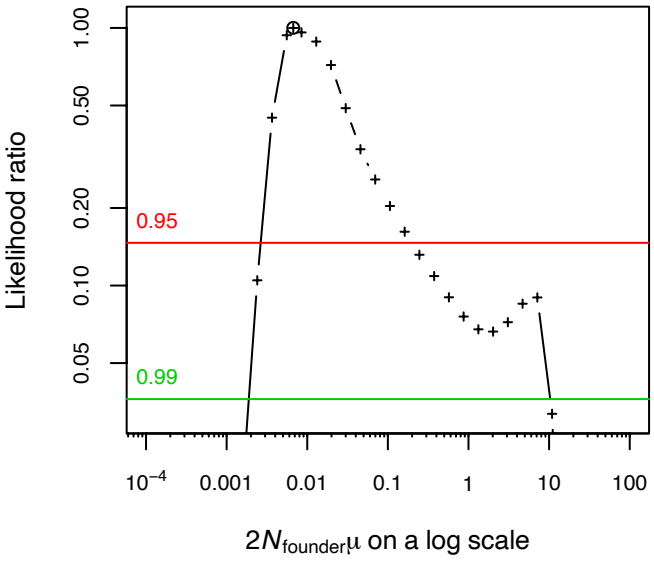
0.0

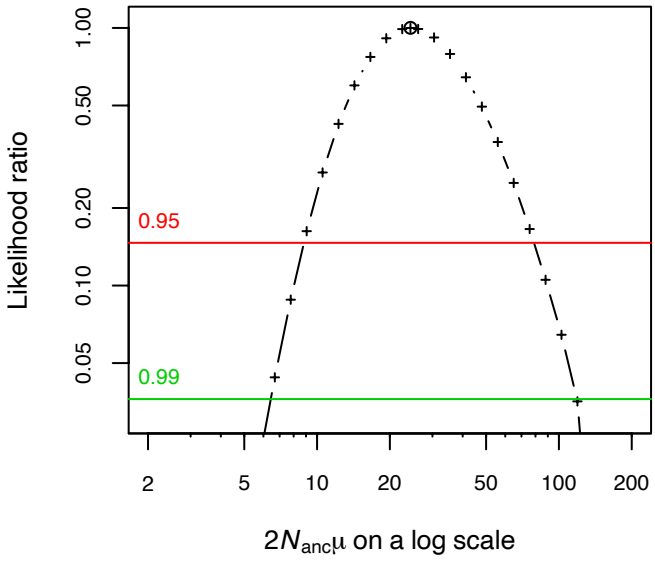

Profile likelihood ratio
100
50
20
10
5
0.001
0.01
0.1
1
10
$2N_{ancl}\mu$ on a log scale
$2N_{founderl}\mu$ on a log scale
0.01
0.001
0.3
0.5
0.7
0.9
0.8
0.6
0.4
0.2
0.05
0.01
0.001
0.01
0.001
0.1
1.0
0.8
0.6
0.4
0.2
0.0

One–parameter likelihood ratio profiles

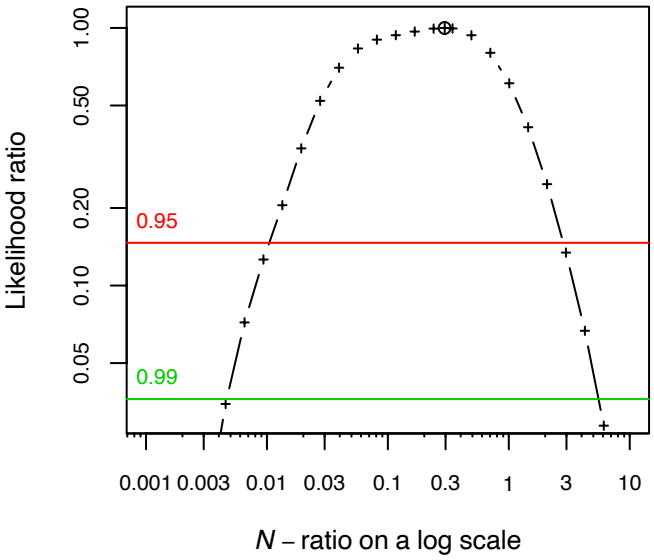


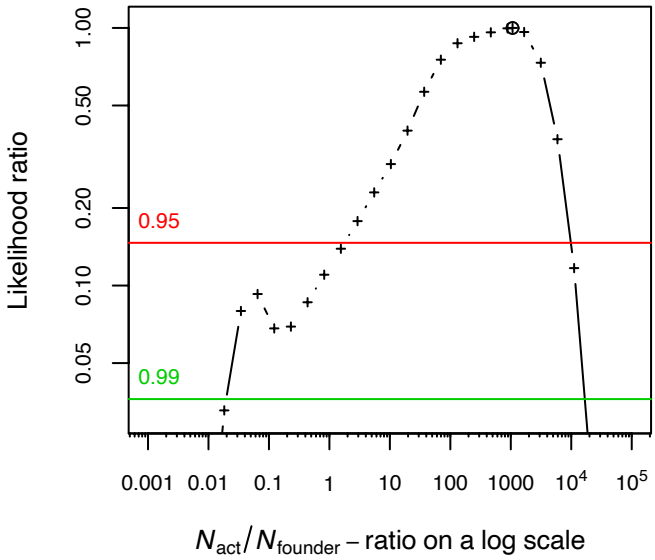


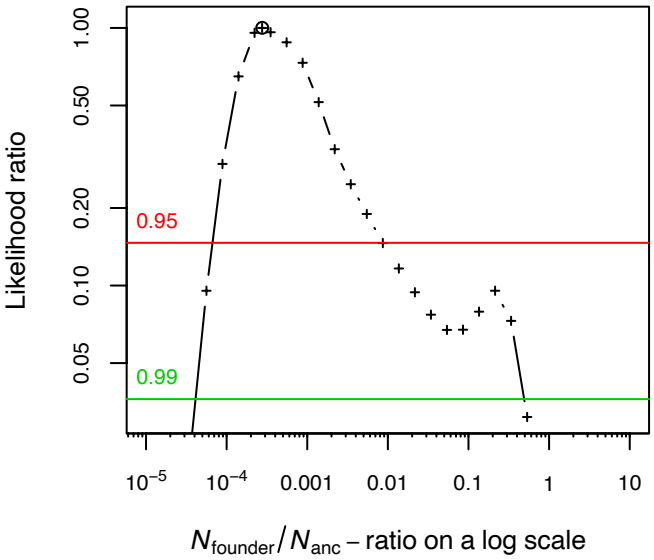


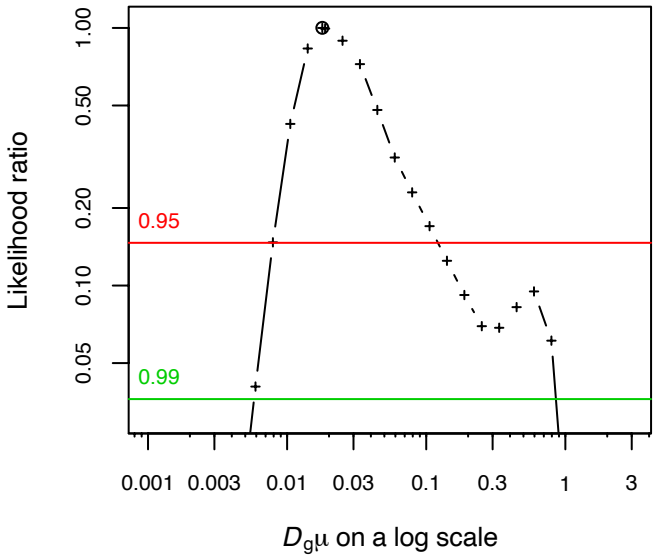


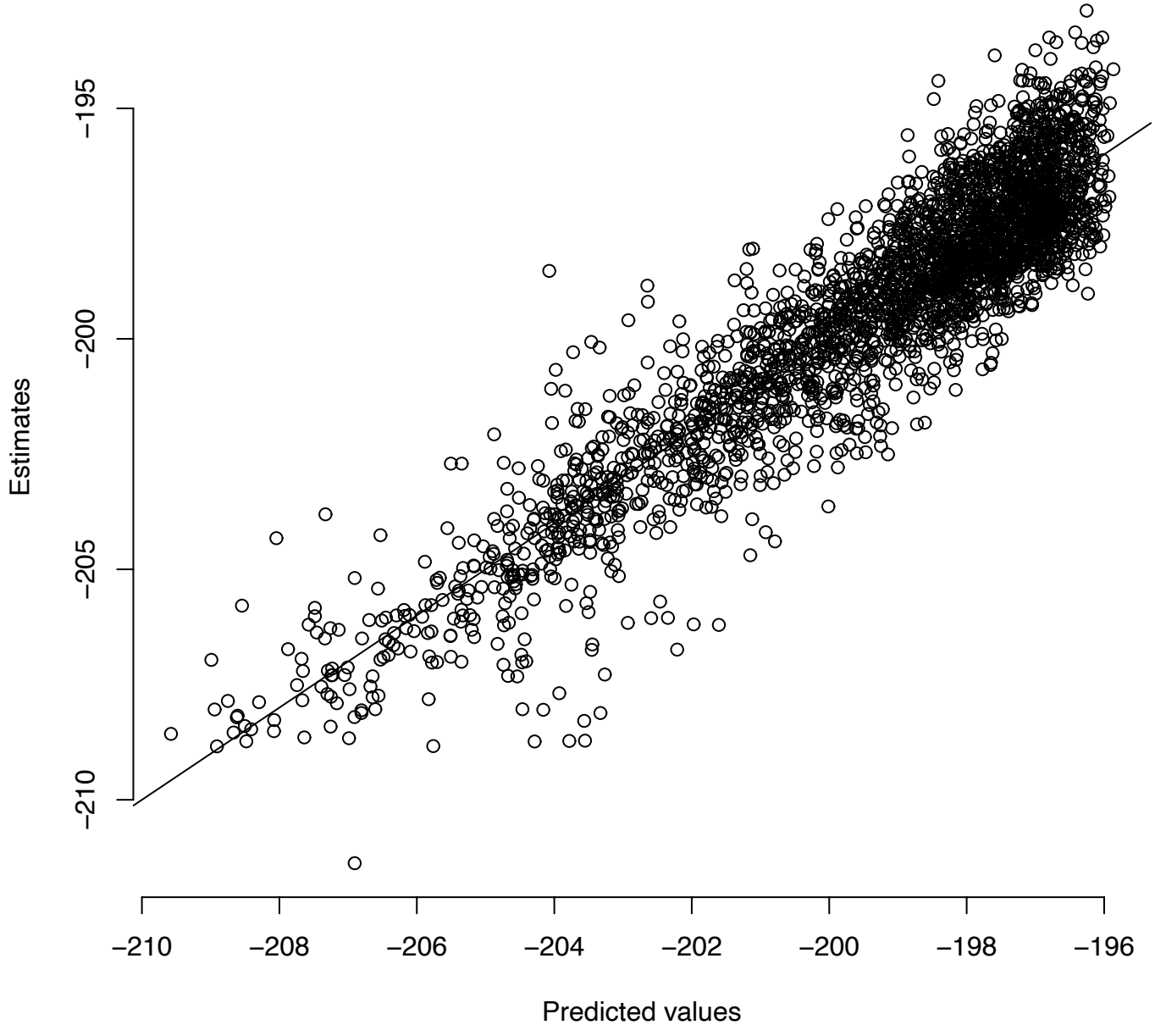
One–parameter likelihood ratio profiles

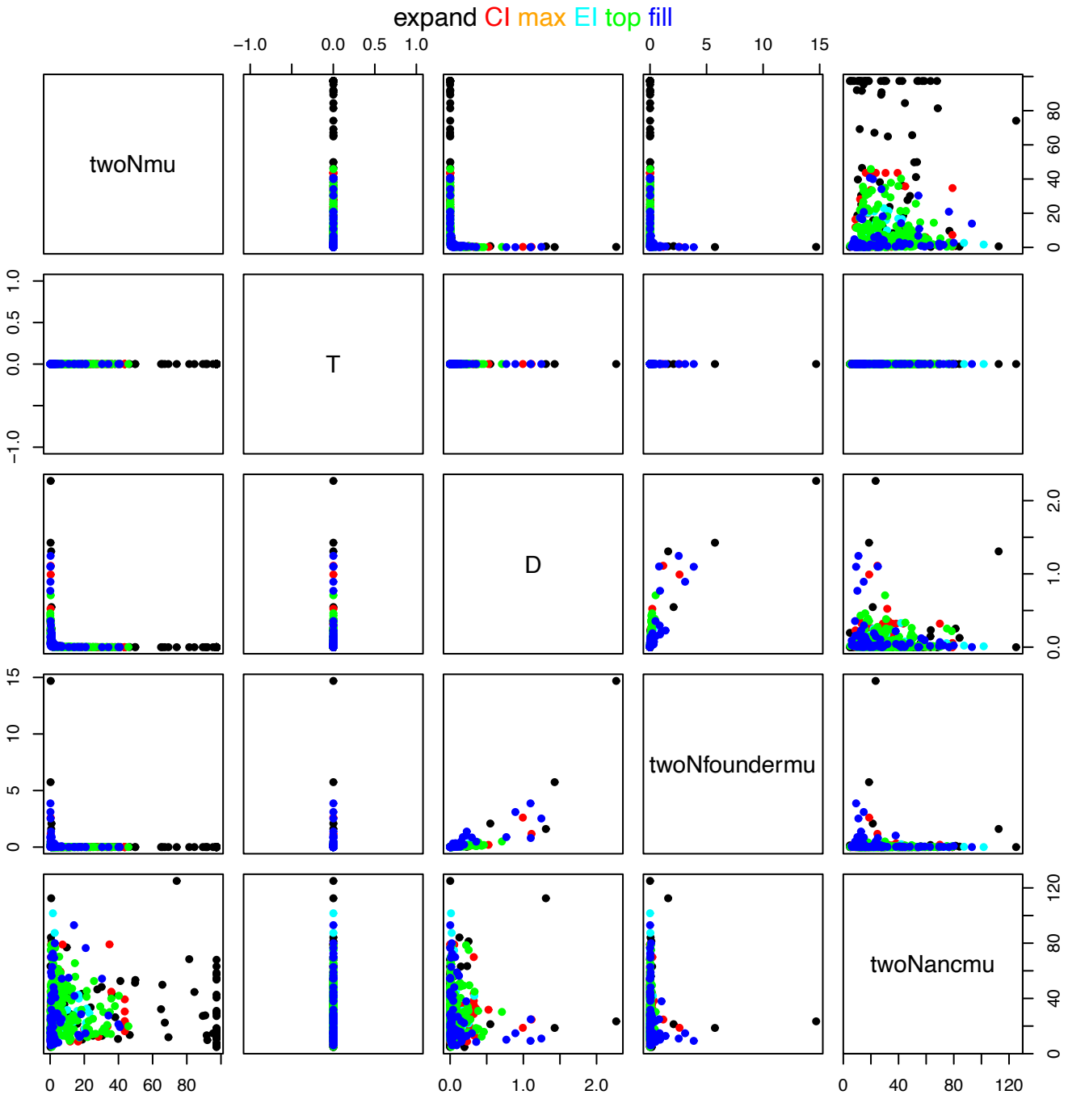









Estimates
−195
−200
−205
−210
−210
−208
−206
−204
−202
−200
−198
−196
Predicted values


expand CI max EI top fill
twoNmu
T
D
twoNfoundermu
twoNancmu