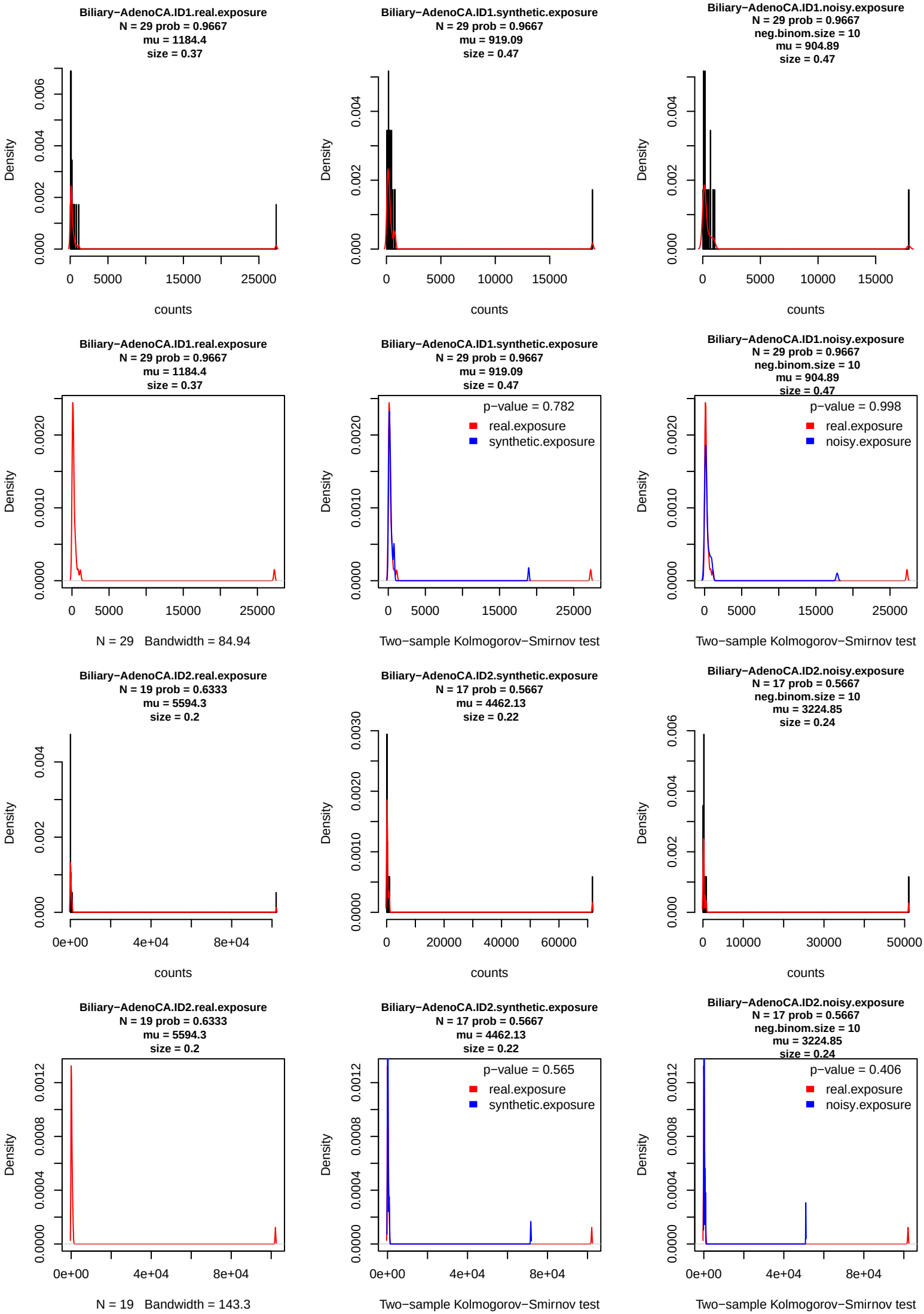
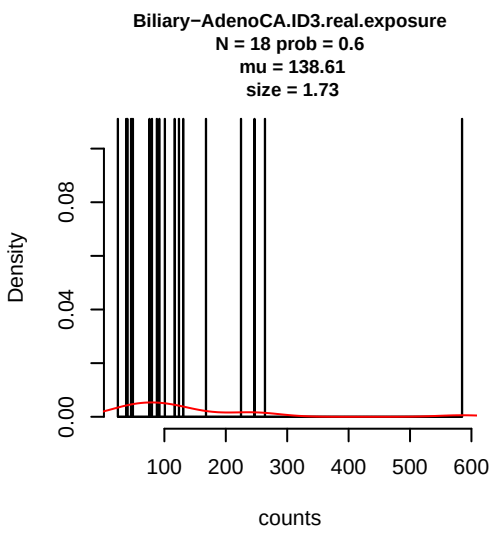
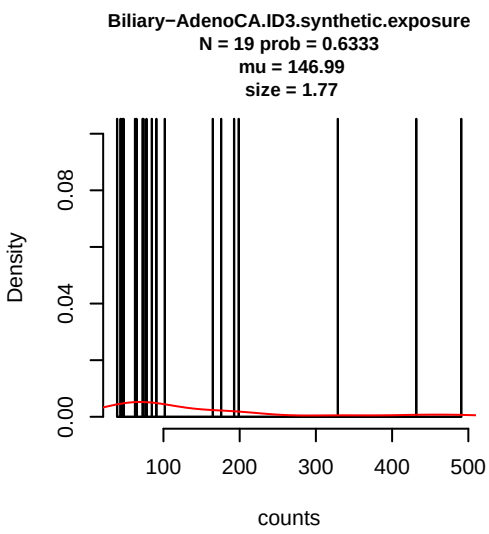
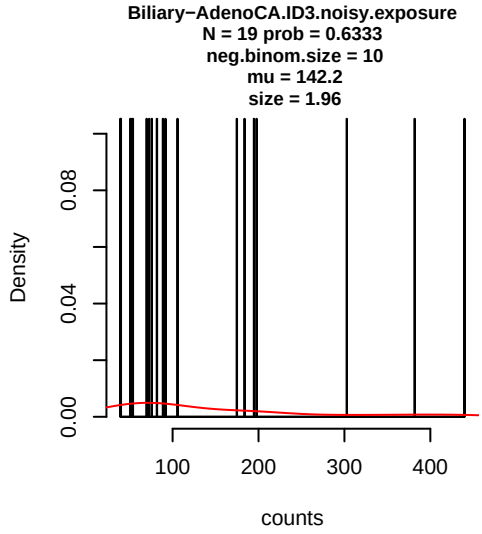
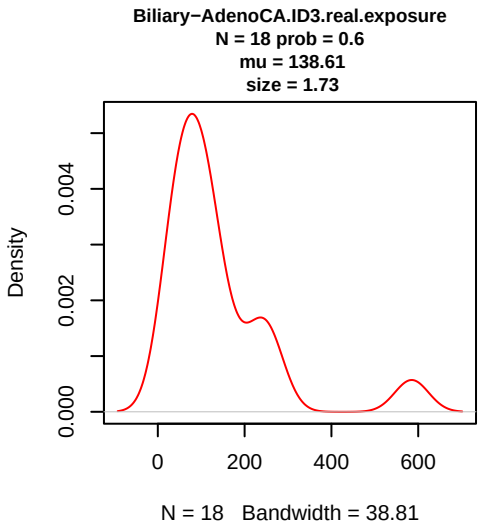
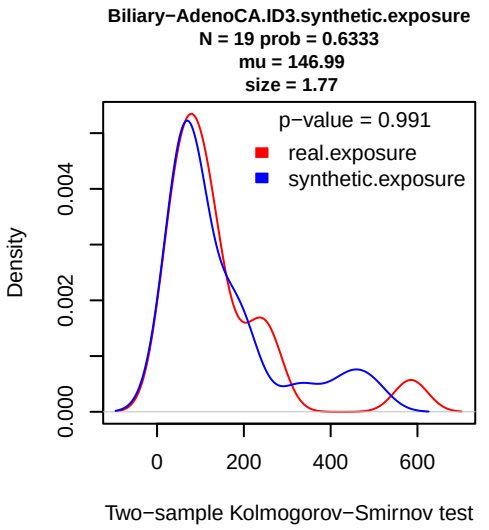

Biliary−AdenoCA.ID1.real.exposure
N = 29 prob = 0.9667
mu = 1184.4
size = 0.37
Biliary−AdenoCA.ID1.synthetic.exposure
N = 29 prob = 0.9667
mu = 919.09
size = 0.47
Biliary−AdenoCA.ID1.noisy.exposure
N = 29 prob = 0.9667
neg.binom.size = 10
mu = 904.89
size = 0.47
Density
counts
N = 29 Bandwidth = 84.94
p−value = 0.782
real.exposure
synthetic.exposure
p−value = 0.998
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Biliary−AdenoCA.ID2.real.exposure
N = 19 prob = 0.6333
mu = 5594.3
size = 0.2
Biliary−AdenoCA.ID2.synthetic.exposure
N = 17 prob = 0.5667
mu = 4462.13
size = 0.22
Biliary−AdenoCA.ID2.noisy.exposure
N = 17 prob = 0.5667
neg.binom.size = 10
mu = 3224.85
size = 0.24
N = 19 Bandwidth = 143.3
p−value = 0.565
p−value = 0.406

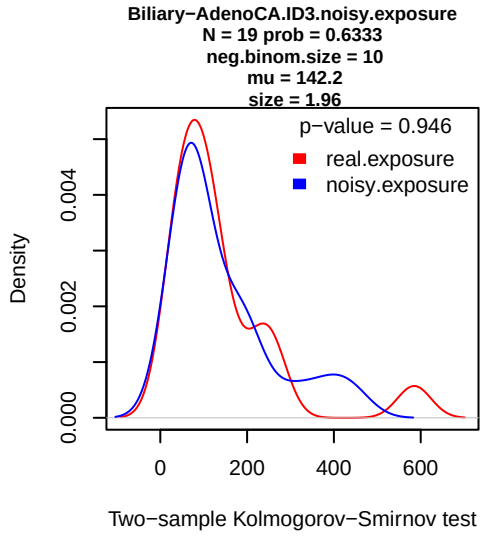

Biliary−AdenoCA.ID3.real.exposure
N = 18 prob = 0.6
mu = 138.61
size = 1.73
Density
counts

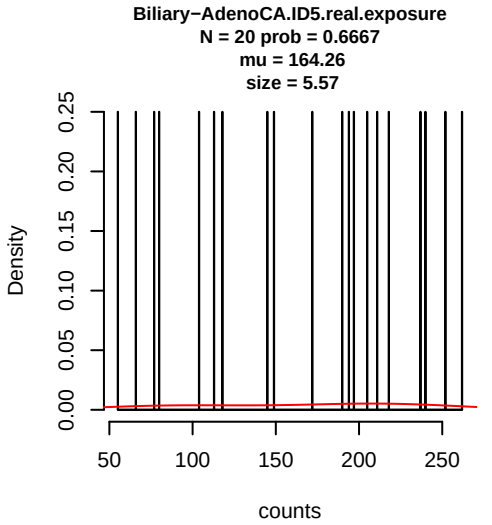

Biliary−AdenoCA.ID3.synthetic.exposure
N = 19 prob = 0.6333
mu = 146.99
size = 1.77
Density
counts

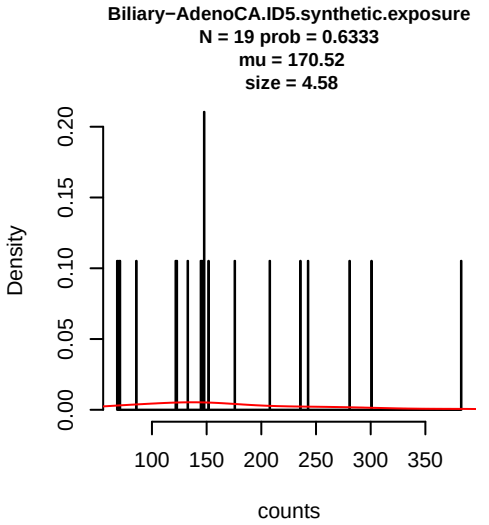

Biliary−AdenoCA.ID3.noisy.exposure
N = 19 prob = 0.6333
neg.binom.size = 10
mu = 142.2
size = 1.96
Density
counts

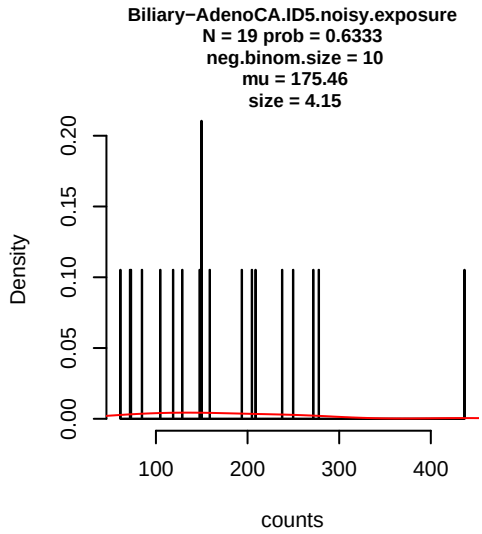

Biliary−AdenoCA.ID3.real.exposure
N = 18 prob = 0.6
mu = 138.61
size = 1.73
Density
N = 18 Bandwidth = 38.81

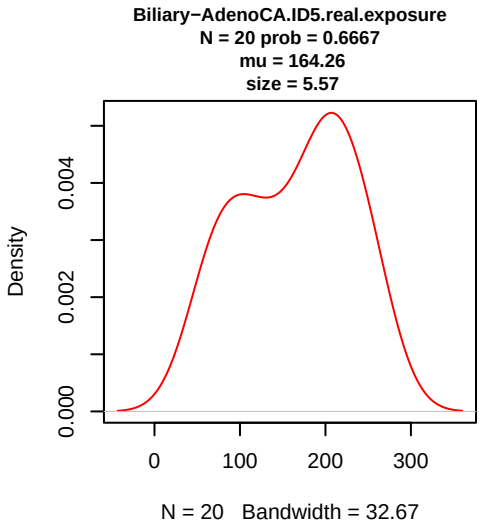

Biliary−AdenoCA.ID3.synthetic.exposure
N = 19 prob = 0.6333
mu = 146.99
size = 1.77
p−value = 0.991
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

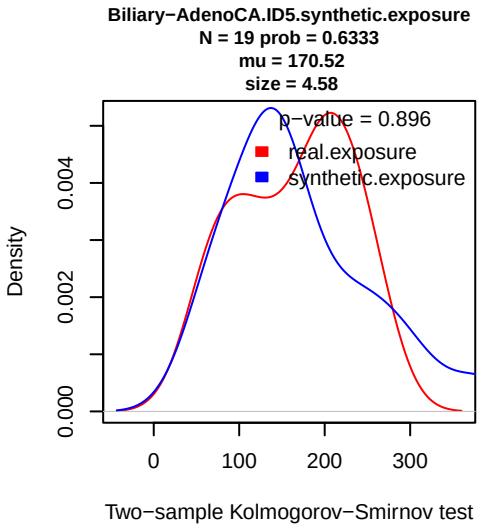

Biliary−AdenoCA.ID3.noisy.exposure
N = 19 prob = 0.6333
neg.binom.size = 10
mu = 142.2
size = 1.96
p−value = 0.946
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

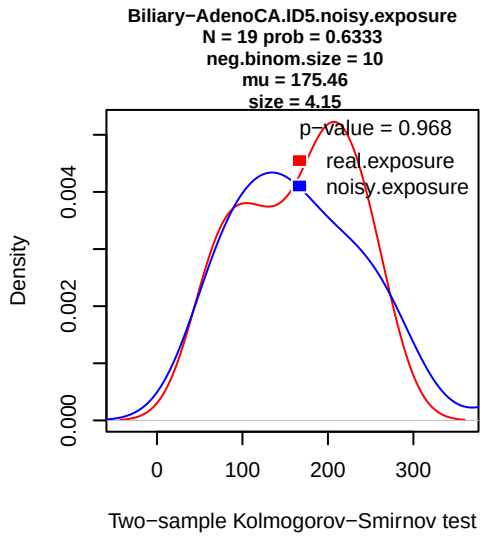

Biliary−AdenoCA.ID5.real.exposure
N = 20 prob = 0.6667
mu = 164.26
size = 5.57
Density
counts

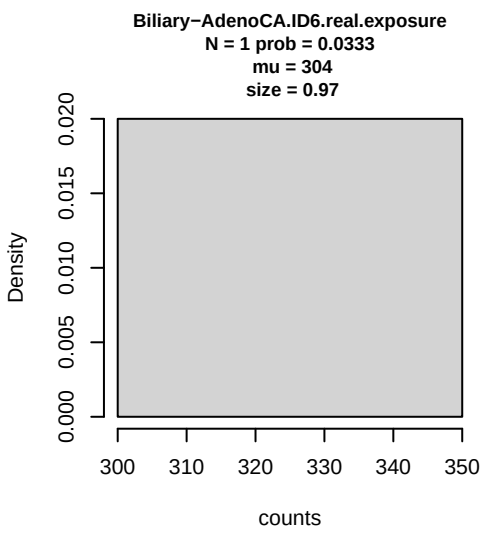

Biliary−AdenoCA.ID5.synthetic.exposure
N = 19 prob = 0.6333
mu = 170.52
size = 4.58
Density
counts

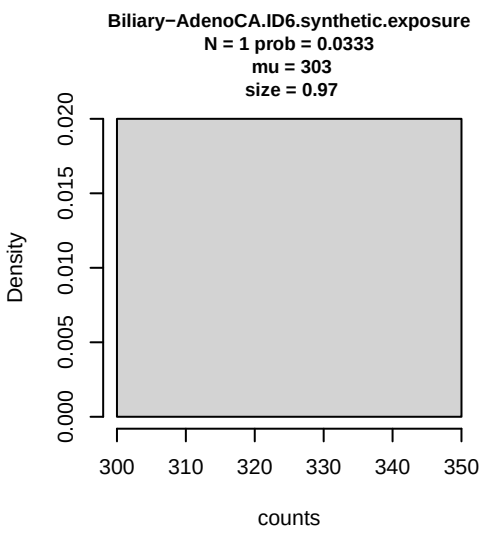

Biliary−AdenoCA.ID5.noisy.exposure
N = 19 prob = 0.6333
neg.binom.size = 10
mu = 175.46
size = 4.15
Density
counts

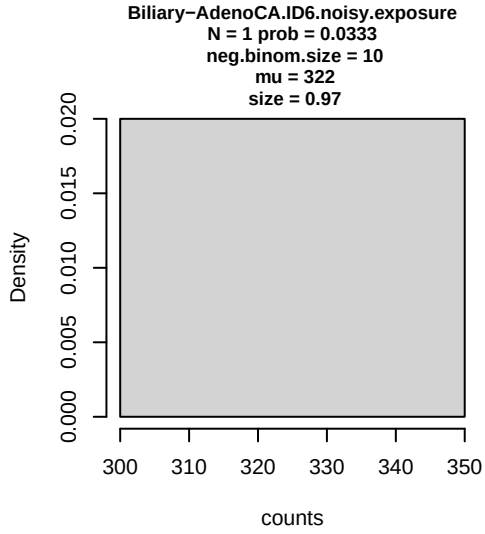

Biliary−AdenoCA.ID5.real.exposure
N = 20 prob = 0.6667
mu = 164.26
size = 5.57
Density
N = 20 Bandwidth = 32.67

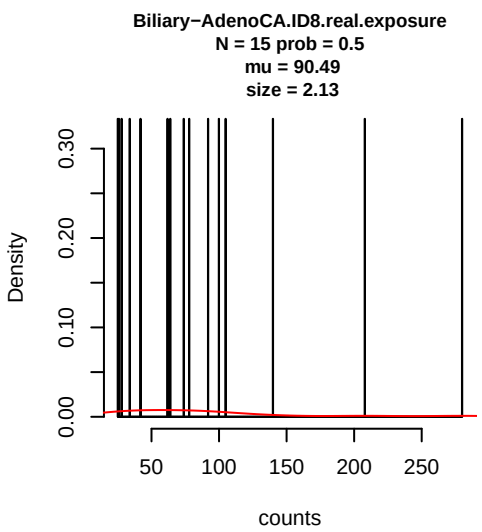

Biliary−AdenoCA.ID5.synthetic.exposure
N = 19 prob = 0.6333
mu = 170.52
size = 4.58
p−value = 0.896
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

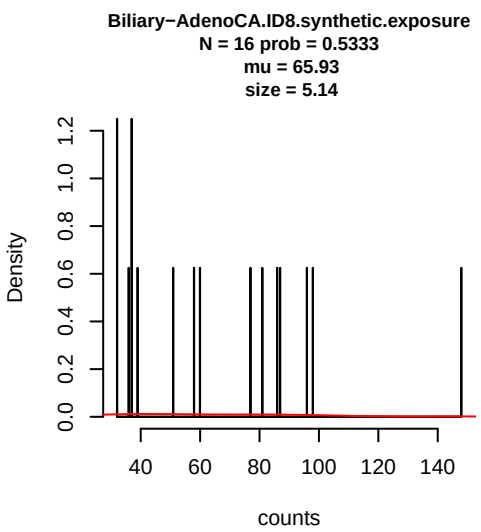

Biliary−AdenoCA.ID5.noisy.exposure
N = 19 prob = 0.6333
neg.binom.size = 10
mu = 175.46
size = 4.15
p−value = 0.968
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

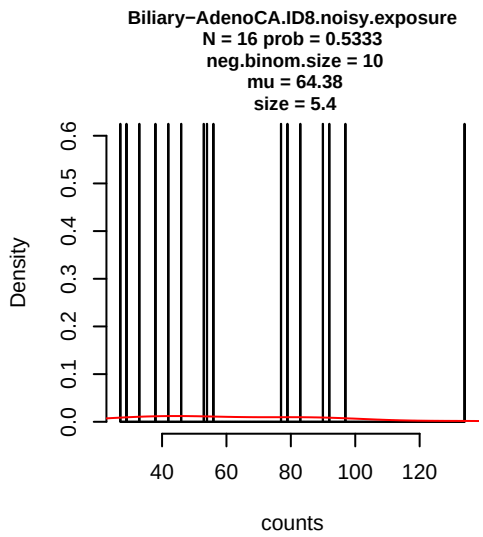

Biliary−AdenoCA.ID6.real.exposure
N = 1 prob = 0.0333
mu = 304
size = 0.97
Density
counts

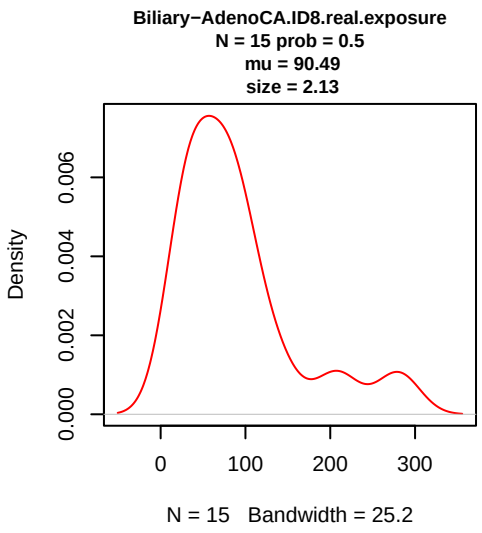

Biliary−AdenoCA.ID6.synthetic.exposure
N = 1 prob = 0.0333
mu = 303
size = 0.97
Density
counts

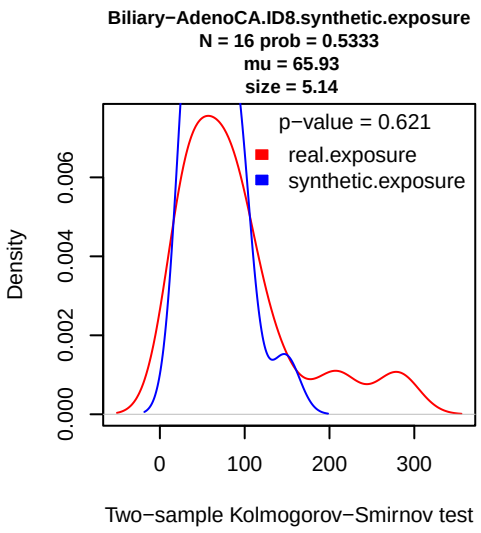

Biliary−AdenoCA.ID6.noisy.exposure
N = 1 prob = 0.0333
neg.binom.size = 10
mu = 322
size = 0.97
Density
counts

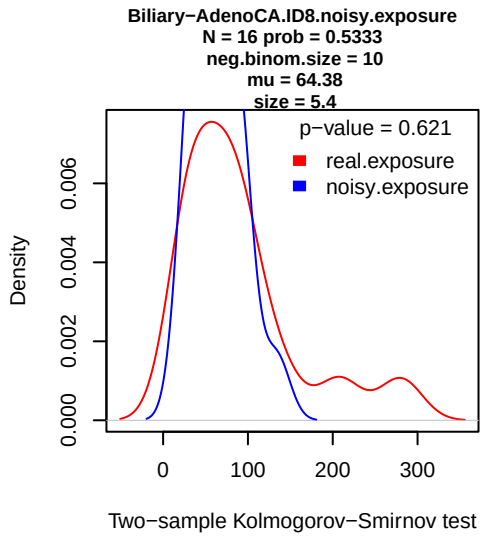

Biliary−AdenoCA.ID8.real.exposure
N = 15 prob = 0.5
mu = 90.49
size = 2.13
Density
counts

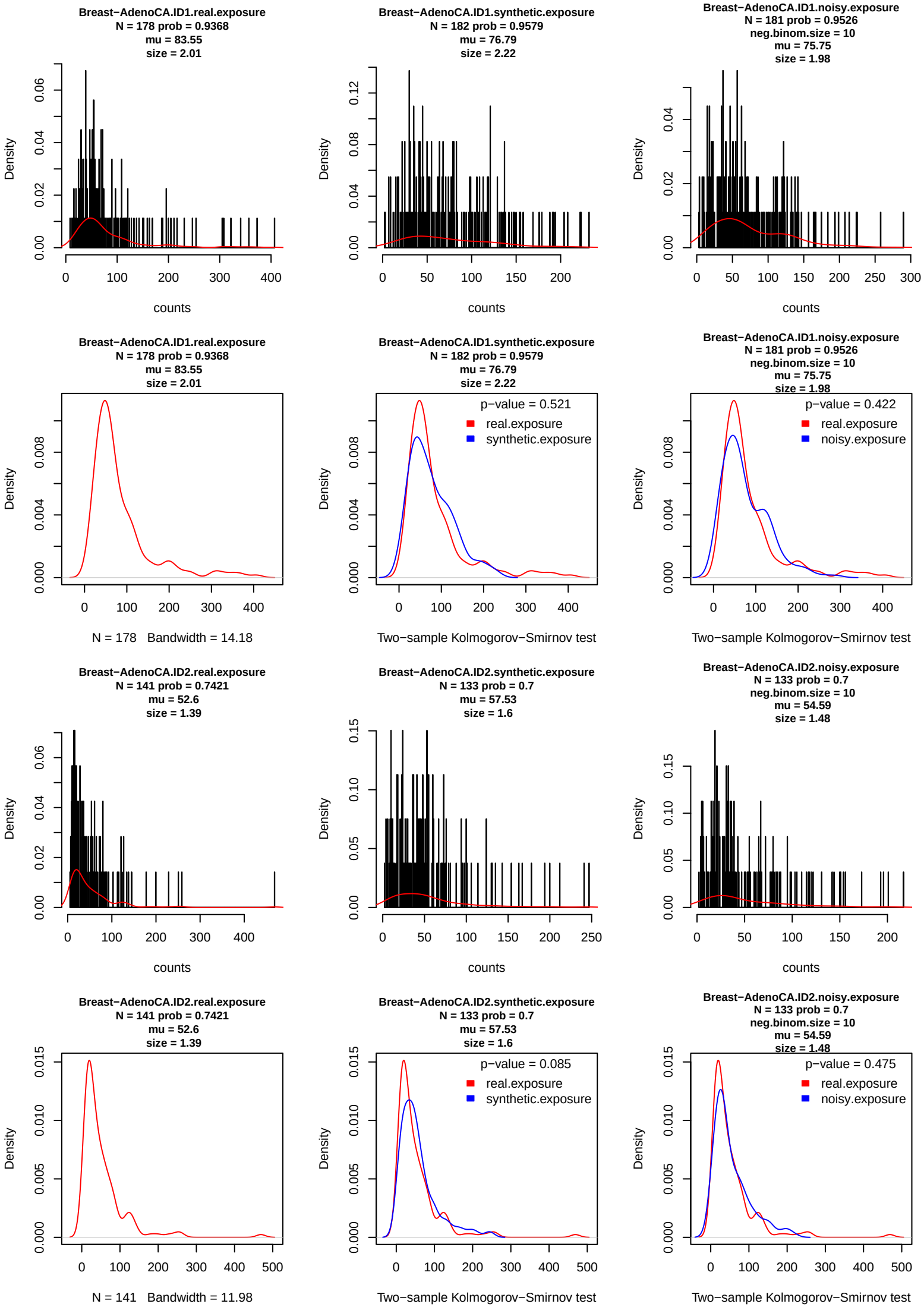

Biliary−AdenoCA.ID8.synthetic.exposure
N = 16 prob = 0.5333
mu = 65.93
size = 5.14
Density
counts

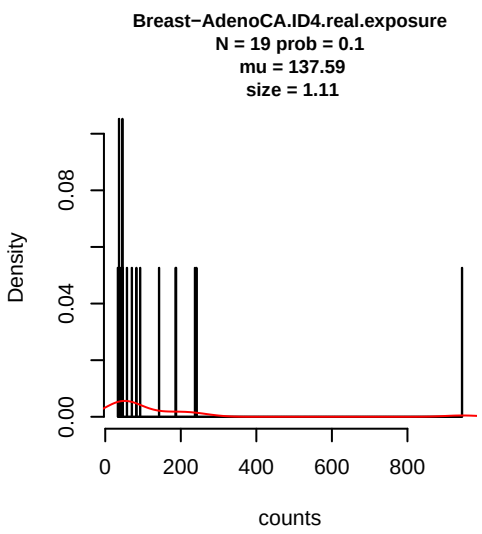

Biliary−AdenoCA.ID8.noisy.exposure
N = 16 prob = 0.5333
neg.binom.size = 10
mu = 64.38
size = 5.4
Density
counts

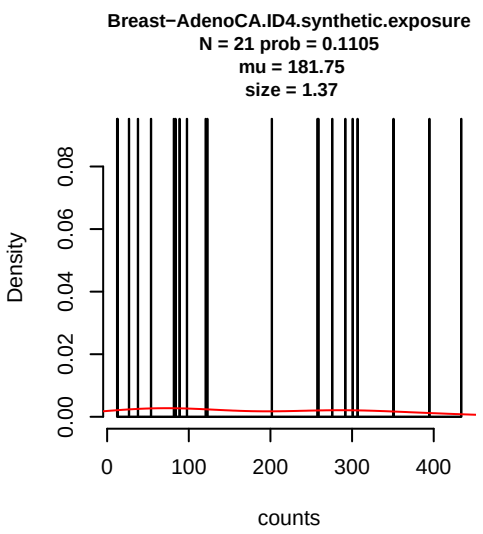

Biliary−AdenoCA.ID8.real.exposure
N = 15 prob = 0.5
mu = 90.49
size = 2.13
Density
N = 15 Bandwidth = 25.2

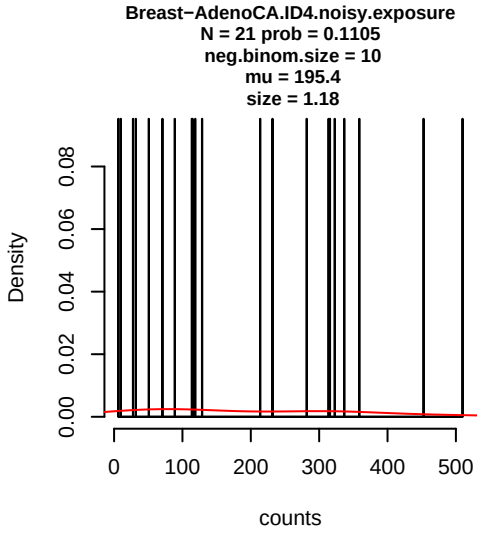

Biliary−AdenoCA.ID8.synthetic.exposure
N = 16 prob = 0.5333
mu = 65.93
size = 5.14
p−value = 0.621
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

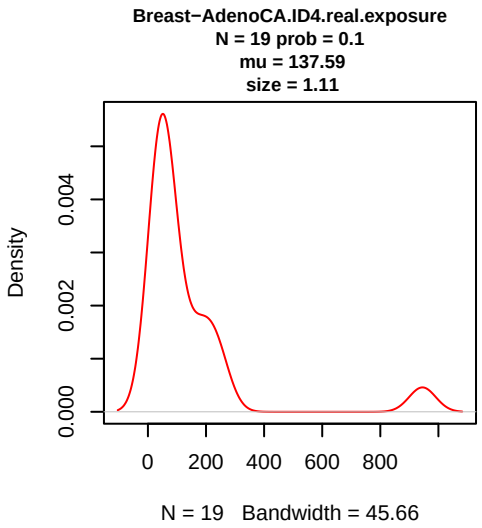

Biliary−AdenoCA.ID8.noisy.exposure
N = 16 prob = 0.5333
neg.binom.size = 10
mu = 64.38
size = 5.4
p−value = 0.621
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

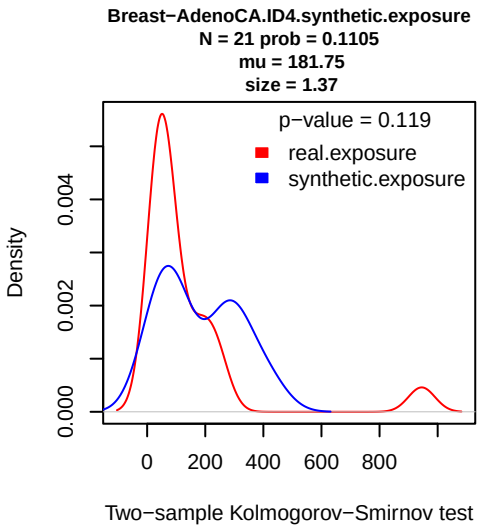

Breast−AdenoCA.ID1.real.exposure
N = 178 prob = 0.9368
mu = 83.55
size = 2.01
Breast−AdenoCA.ID1.synthetic.exposure
N = 182 prob = 0.9579
mu = 76.79
size = 2.22
Breast−AdenoCA.ID1.noisy.exposure
N = 181 prob = 0.9526
neg.binom.size = 10
mu = 75.75
size = 1.98
Density
counts
N = 178 Bandwidth = 14.18
p−value = 0.521
real.exposure
synthetic.exposure
p−value = 0.422
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Breast−AdenoCA.ID2.real.exposure
N = 141 prob = 0.7421
mu = 52.6
size = 1.39
Breast−AdenoCA.ID2.synthetic.exposure
N = 133 prob = 0.7
mu = 57.53
size = 1.6
Breast−AdenoCA.ID2.noisy.exposure
N = 133 prob = 0.7
neg.binom.size = 10
mu = 54.59
size = 1.48
N = 141 Bandwidth = 11.98
p−value = 0.085
p−value = 0.475

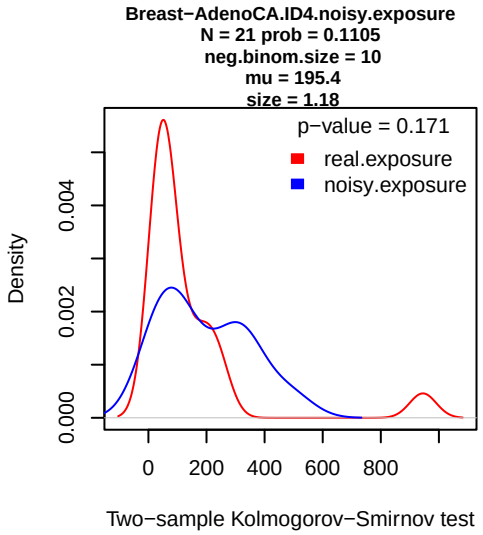

Breast−AdenoCA.ID4.real.exposure
N = 19 prob = 0.1
mu = 137.59
size = 1.11
Density
counts

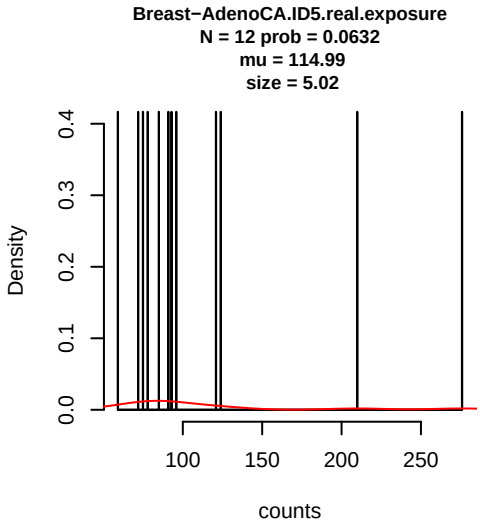

Breast−AdenoCA.ID4.synthetic.exposure
N = 21 prob = 0.1105
mu = 181.75
size = 1.37
Density
counts

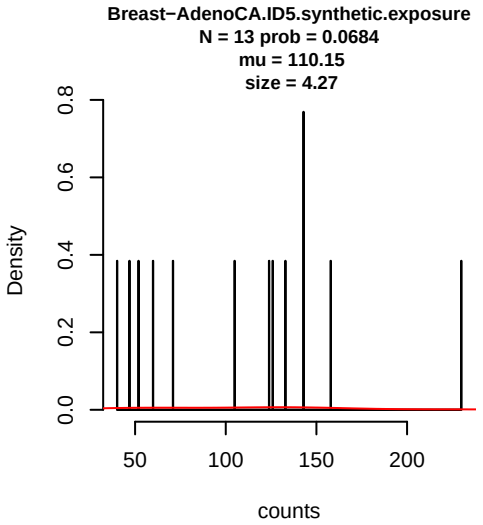

Breast−AdenoCA.ID4.noisy.exposure
N = 21 prob = 0.1105
neg.binom.size = 10
mu = 195.4
size = 1.18
Density
counts

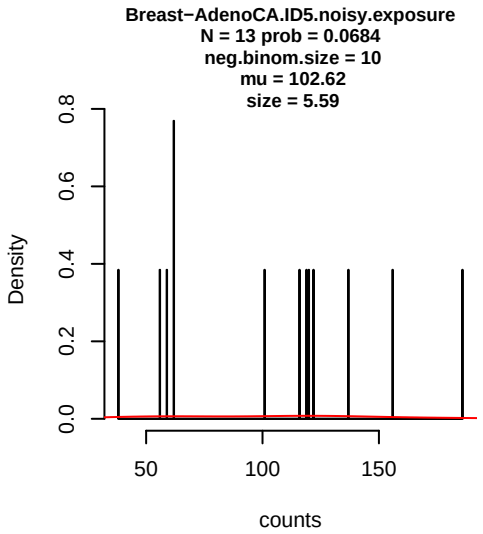

Breast−AdenoCA.ID4.real.exposure
N = 19 prob = 0.1
mu = 137.59
size = 1.11
Density
N = 19 Bandwidth = 45.66

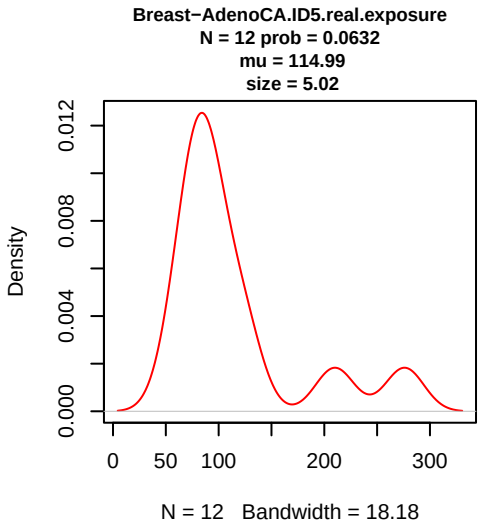

Breast−AdenoCA.ID4.synthetic.exposure
N = 21 prob = 0.1105
mu = 181.75
size = 1.37
p−value = 0.119
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

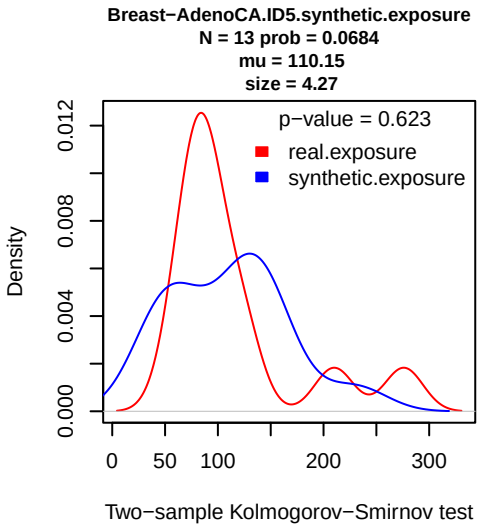

Breast−AdenoCA.ID4.noisy.exposure
N = 21 prob = 0.1105
neg.binom.size = 10
mu = 195.4
size = 1.18
p−value = 0.171
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

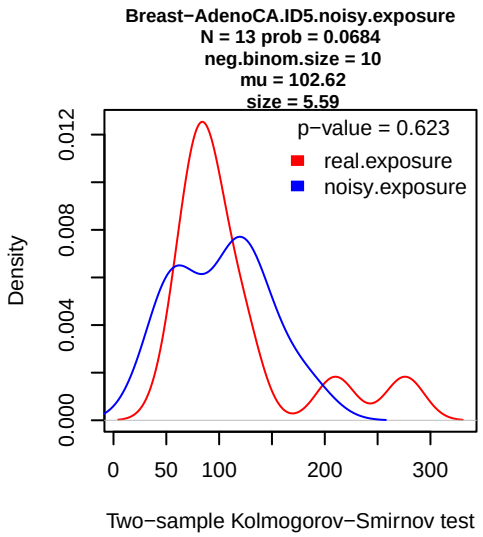

Breast−AdenoCA.ID5.real.exposure
N = 12 prob = 0.0632
mu = 114.99
size = 5.02
Density
counts

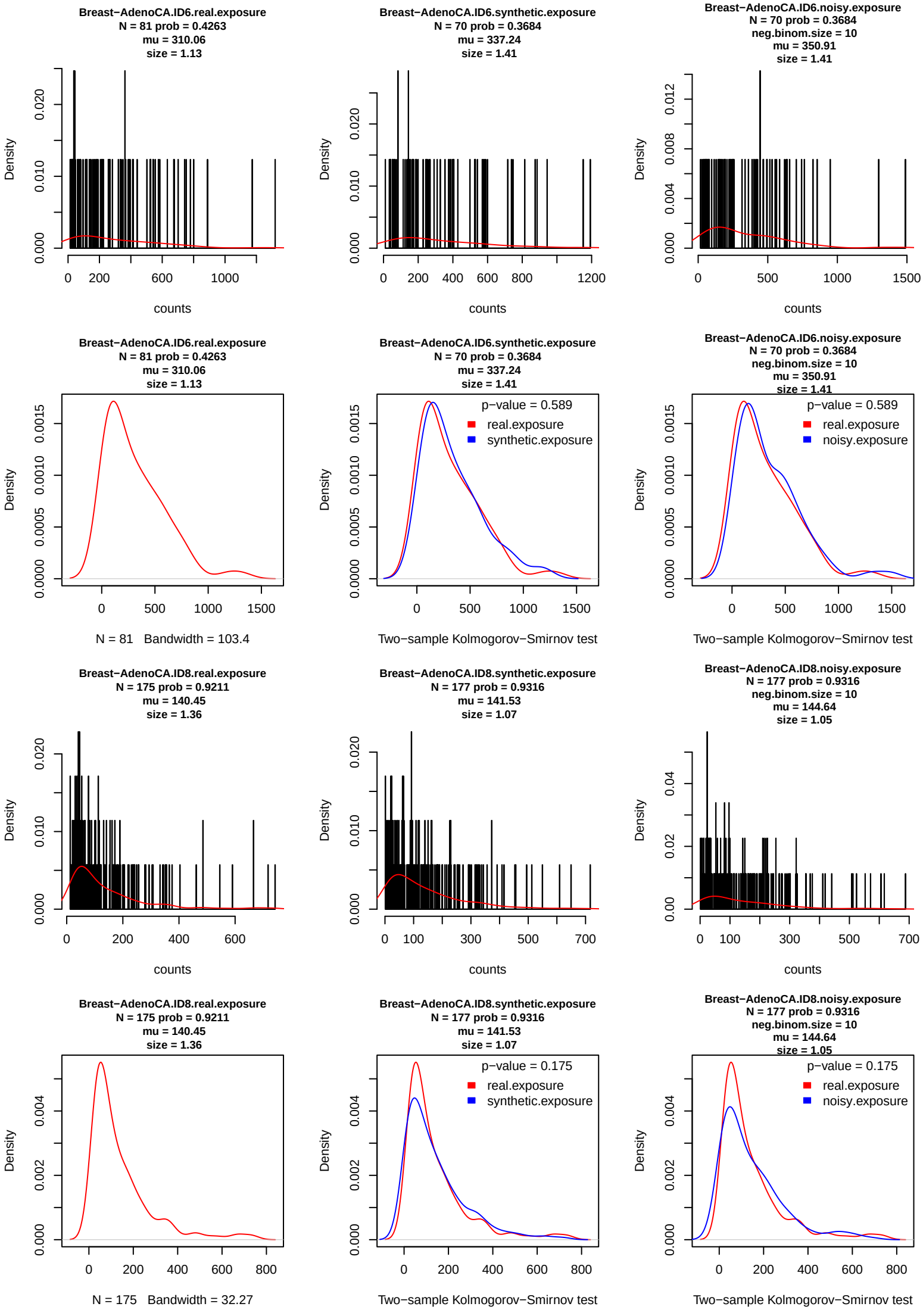

Breast−AdenoCA.ID5.synthetic.exposure
N = 13 prob = 0.0684
mu = 110.15
size = 4.27
Density
counts

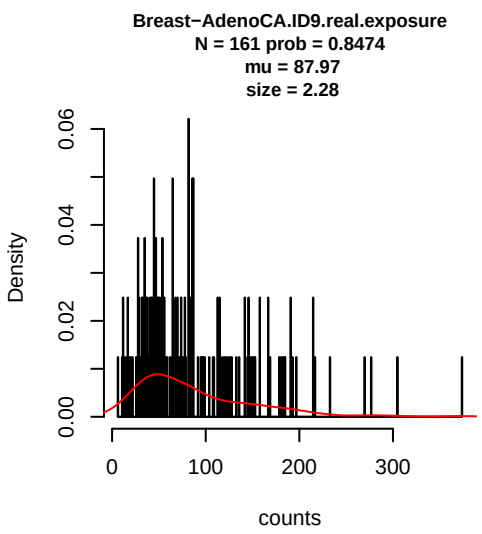

Breast−AdenoCA.ID5.noisy.exposure
N = 13 prob = 0.0684
neg.binom.size = 10
mu = 102.62
size = 5.59
Density
counts

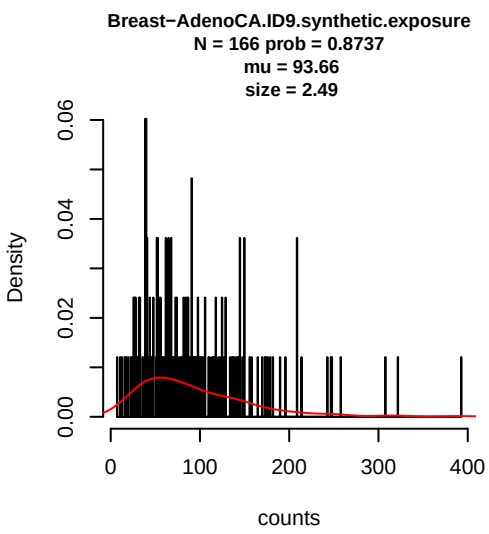

Breast−AdenoCA.ID5.real.exposure
N = 12 prob = 0.0632
mu = 114.99
size = 5.02
Density
N = 12 Bandwidth = 18.18

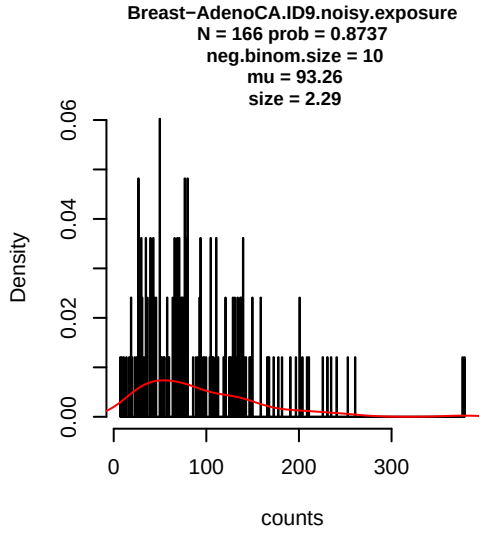

Breast−AdenoCA.ID5.synthetic.exposure
N = 13 prob = 0.0684
mu = 110.15
size = 4.27
p−value = 0.623
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

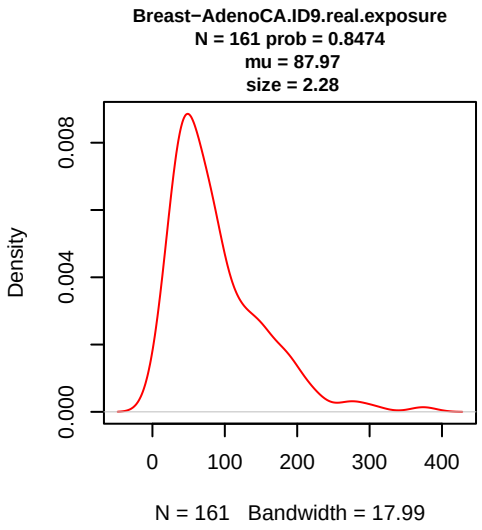

Breast−AdenoCA.ID5.noisy.exposure
N = 13 prob = 0.0684
neg.binom.size = 10
mu = 102.62
size = 5.59
p−value = 0.623
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

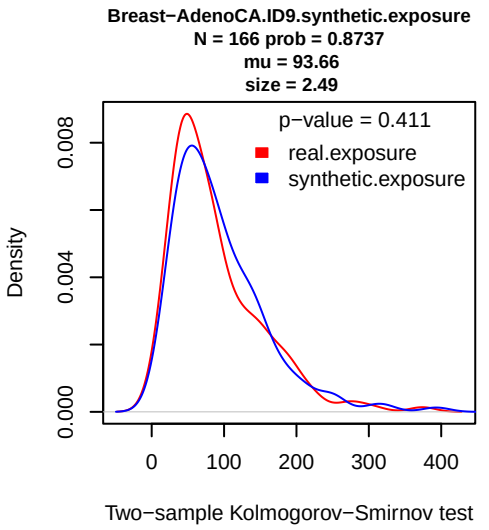

Breast−AdenoCA.ID6.real.exposure
N = 81 prob = 0.4263
mu = 310.06
size = 1.13
Breast−AdenoCA.ID6.synthetic.exposure
N = 70 prob = 0.3684
mu = 337.24
size = 1.41
Breast−AdenoCA.ID6.noisy.exposure
N = 70 prob = 0.3684
neg.binom.size = 10
mu = 350.91
size = 1.41
Density
counts
N = 81 Bandwidth = 103.4
p−value = 0.589
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Breast−AdenoCA.ID8.real.exposure
N = 175 prob = 0.9211
mu = 140.45
size = 1.36
Breast−AdenoCA.ID8.synthetic.exposure
N = 177 prob = 0.9316
mu = 141.53
size = 1.07
Breast−AdenoCA.ID8.noisy.exposure
N = 177 prob = 0.9316
neg.binom.size = 10
mu = 144.64
size = 1.05
N = 175 Bandwidth = 32.27
p−value = 0.175

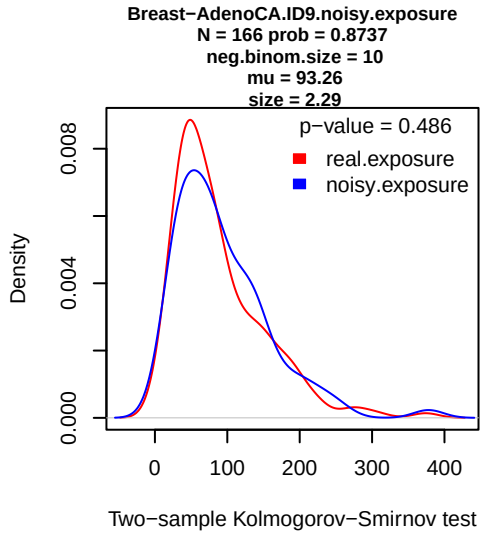

Breast−AdenoCA.ID9.real.exposure
N = 161 prob = 0.8474
mu = 87.97
size = 2.28
Density
counts

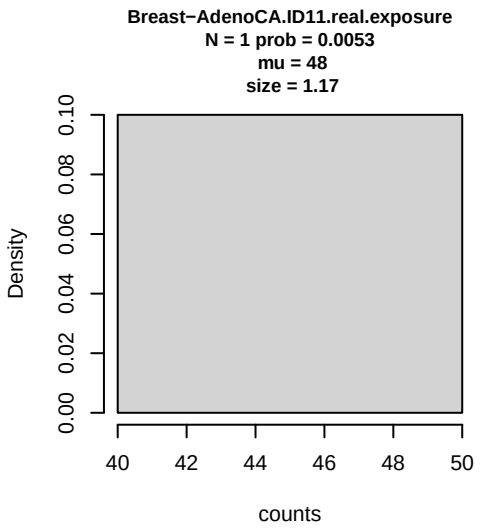

Breast−AdenoCA.ID9.synthetic.exposure
N = 166 prob = 0.8737
mu = 93.66
size = 2.49
Density
counts

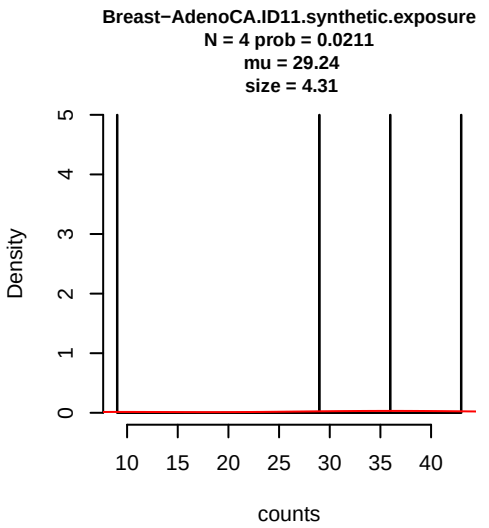

Breast−AdenoCA.ID9.noisy.exposure
N = 166 prob = 0.8737
neg.binom.size = 10
mu = 93.26
size = 2.29
Density
counts

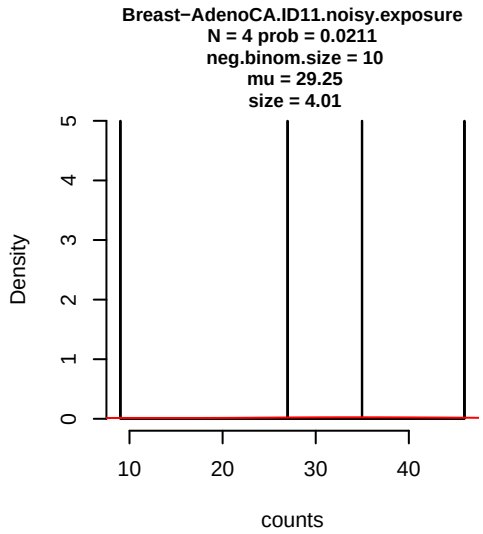

Breast−AdenoCA.ID9.real.exposure
N = 161 prob = 0.8474
mu = 87.97
size = 2.28
Density
N = 161 Bandwidth = 17.99

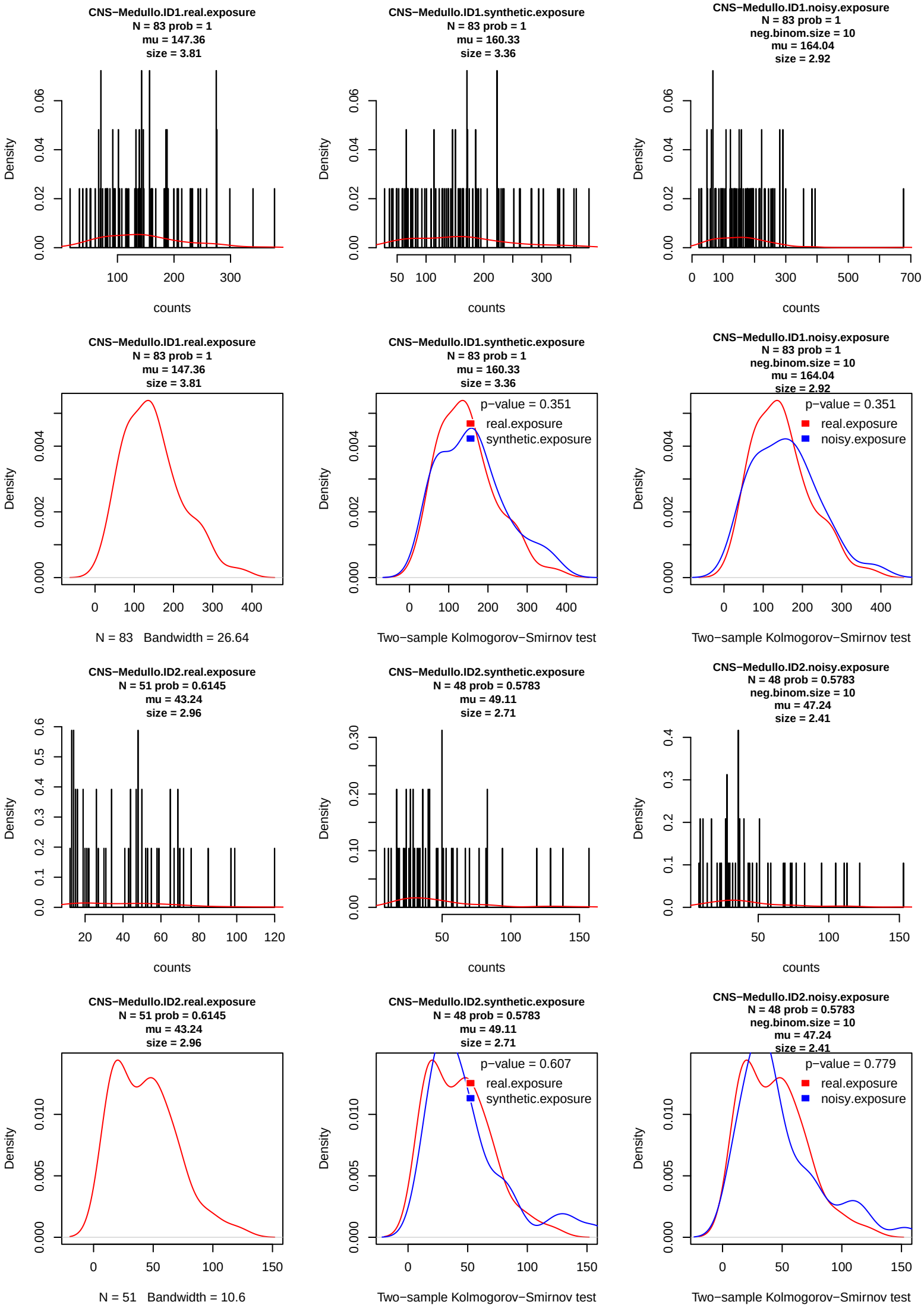

Breast−AdenoCA.ID9.synthetic.exposure
N = 166 prob = 0.8737
mu = 93.66
size = 2.49
p−value = 0.411
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

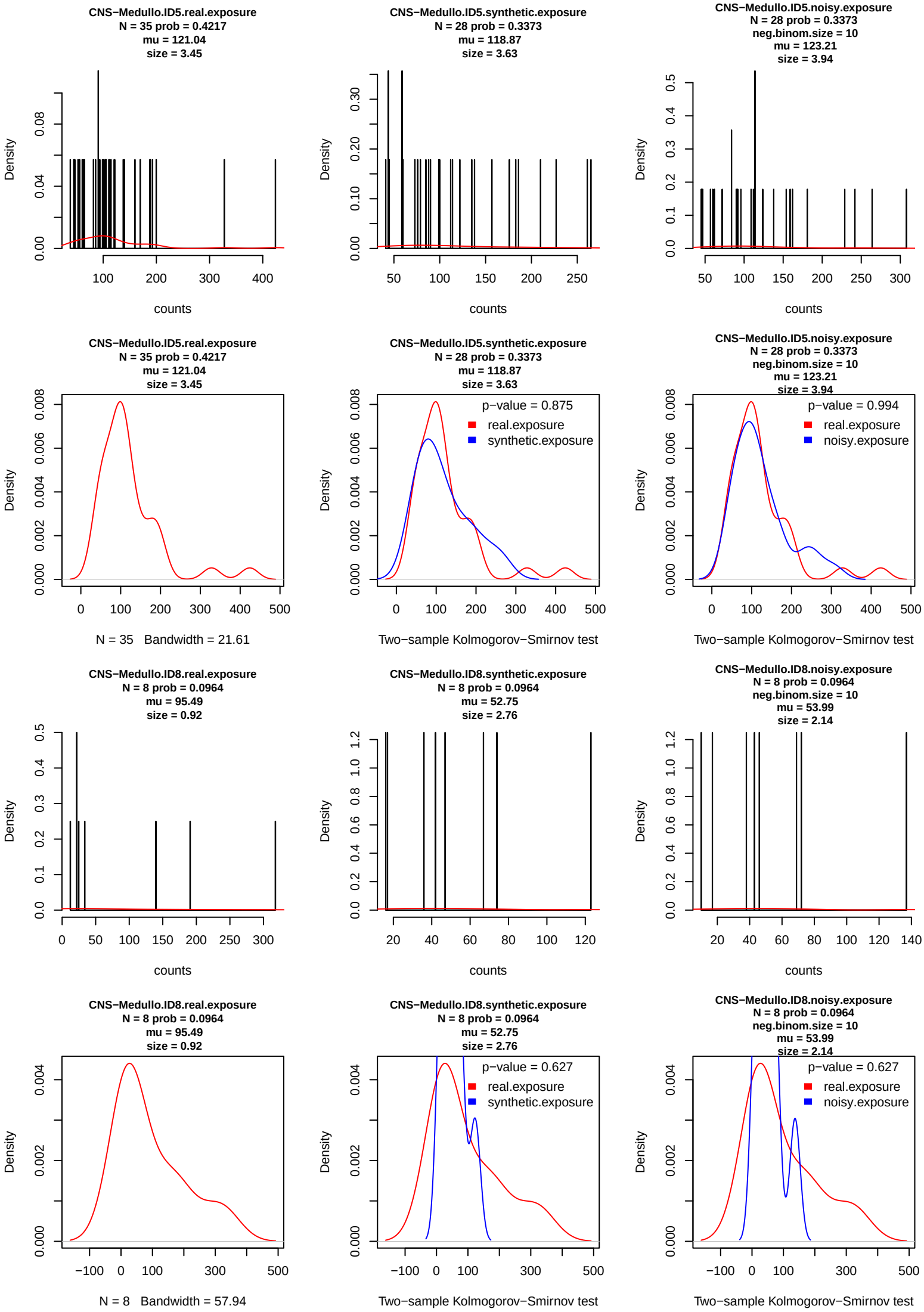

Breast−AdenoCA.ID9.noisy.exposure
N = 166 prob = 0.8737
neg.binom.size = 10
mu = 93.26
size = 2.29
p−value = 0.486
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

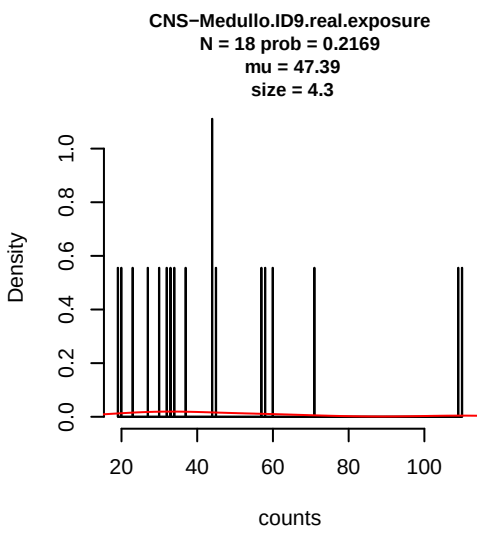

Breast−AdenoCA.ID11.real.exposure
N = 1 prob = 0.0053
mu = 48
size = 1.17
Density
counts

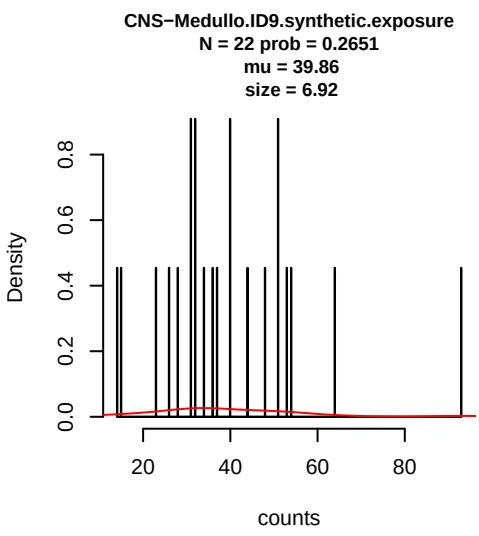

Breast−AdenoCA.ID11.synthetic.exposure
N = 4 prob = 0.0211
mu = 29.24
size = 4.31
Density
counts

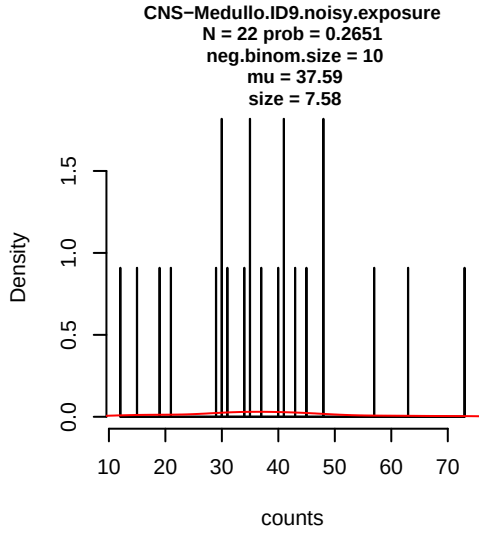

Breast−AdenoCA.ID11.noisy.exposure
N = 4 prob = 0.0211
neg.binom.size = 10
mu = 29.25
size = 4.01
Density
counts

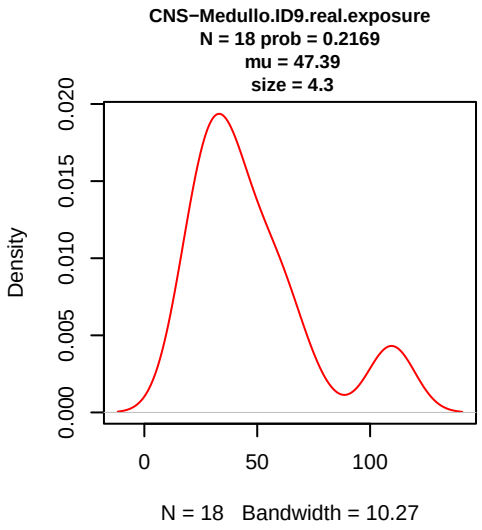

CNS−Medullo.ID1.real.exposure
N = 83 prob = 1
mu = 147.36
size = 3.81
CNS−Medullo.ID1.synthetic.exposure
N = 83 prob = 1
mu = 160.33
size = 3.36
CNS−Medullo.ID1.noisy.exposure
N = 83 prob = 1
neg.binom.size = 10
mu = 164.04
size = 2.92
Density
counts
N = 83 Bandwidth = 26.64
p−value = 0.351
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
CNS−Medullo.ID2.real.exposure
N = 51 prob = 0.6145
mu = 43.24
size = 2.96
CNS−Medullo.ID2.synthetic.exposure
N = 48 prob = 0.5783
mu = 49.11
size = 2.71
CNS−Medullo.ID2.noisy.exposure
N = 48 prob = 0.5783
neg.binom.size = 10
mu = 47.24
size = 2.41
N = 51 Bandwidth = 10.6
p−value = 0.607
p−value = 0.779

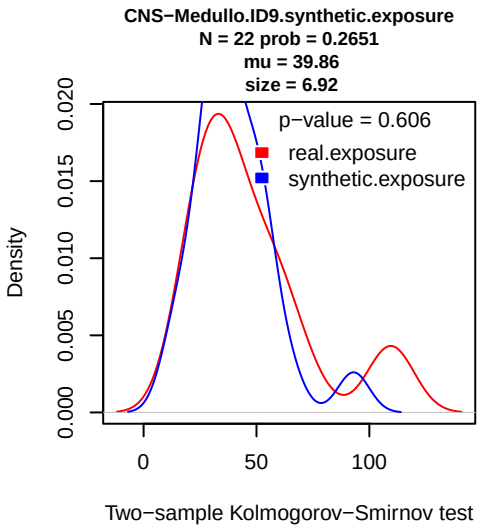

CNS−Medullo.ID5.real.exposure
N = 35 prob = 0.4217
mu = 121.04
size = 3.45
CNS−Medullo.ID5.synthetic.exposure
N = 28 prob = 0.3373
mu = 118.87
size = 3.63
CNS−Medullo.ID5.noisy.exposure
N = 28 prob = 0.3373
neg.binom.size = 10
mu = 123.21
size = 3.94
Density
counts
CNS−Medullo.ID5.real.exposure
N = 35 prob = 0.4217
mu = 121.04
size = 3.45
CNS−Medullo.ID5.synthetic.exposure
N = 28 prob = 0.3373
mu = 118.87
size = 3.63
CNS−Medullo.ID5.noisy.exposure
N = 28 prob = 0.3373
neg.binom.size = 10
mu = 123.21
size = 3.94
p−value = 0.875
real.exposure
synthetic.exposure
p−value = 0.994
real.exposure
noisy.exposure
N = 35 Bandwidth = 21.61
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test
CNS−Medullo.ID8.real.exposure
N = 8 prob = 0.0964
mu = 95.49
size = 0.92
CNS−Medullo.ID8.synthetic.exposure
N = 8 prob = 0.0964
mu = 52.75
size = 2.76
CNS−Medullo.ID8.noisy.exposure
N = 8 prob = 0.0964
neg.binom.size = 10
mu = 53.99
size = 2.14
CNS−Medullo.ID8.real.exposure
N = 8 prob = 0.0964
mu = 95.49
size = 0.92
CNS−Medullo.ID8.synthetic.exposure
N = 8 prob = 0.0964
mu = 52.75
size = 2.76
CNS−Medullo.ID8.noisy.exposure
N = 8 prob = 0.0964
neg.binom.size = 10
mu = 53.99
size = 2.14
p−value = 0.627
real.exposure
synthetic.exposure
p−value = 0.627
real.exposure
noisy.exposure
N = 8 Bandwidth = 57.94
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test

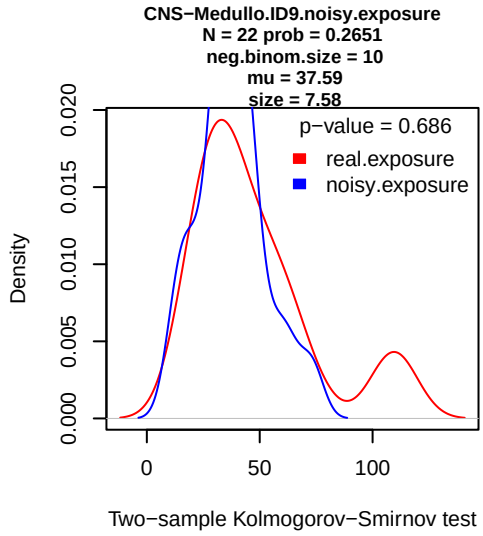

CNS−Medullo.ID9.real.exposure
N = 18 prob = 0.2169
mu = 47.39
size = 4.3
Density
counts

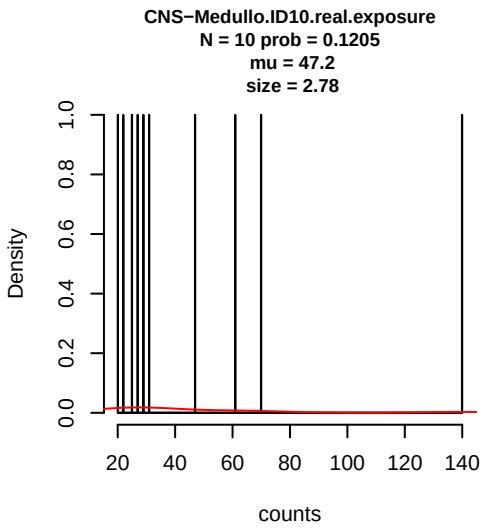

CNS−Medullo.ID9.synthetic.exposure
N = 22 prob = 0.2651
mu = 39.86
size = 6.92
Density
counts

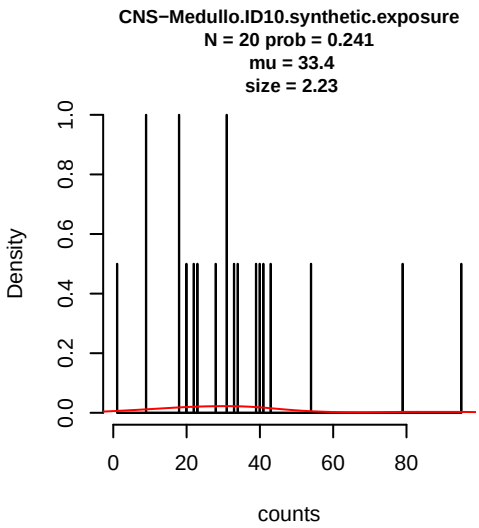

CNS−Medullo.ID9.noisy.exposure
N = 22 prob = 0.2651
neg.binom.size = 10
mu = 37.59
size = 7.58
Density
counts

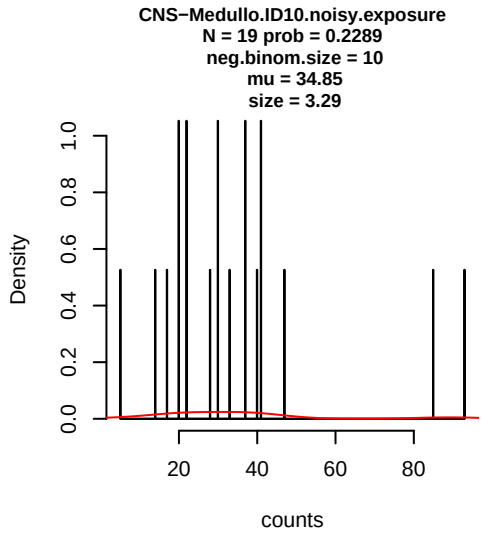

CNS−Medullo.ID9.real.exposure
N = 18 prob = 0.2169
mu = 47.39
size = 4.3
Density
N = 18 Bandwidth = 10.27

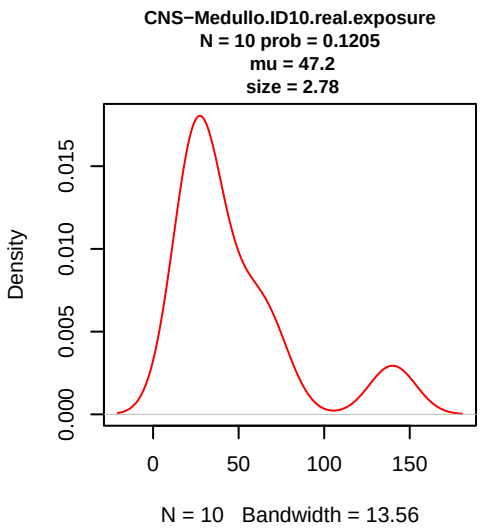

CNS−Medullo.ID9.synthetic.exposure
N = 22 prob = 0.2651
mu = 39.86
size = 6.92
p−value = 0.606
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

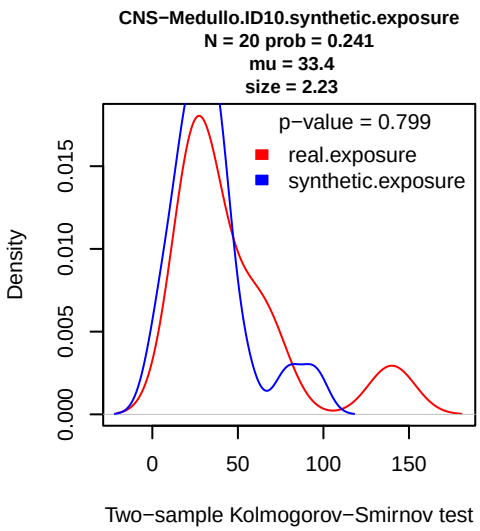

CNS−Medullo.ID9.noisy.exposure
N = 22 prob = 0.2651
neg.binom.size = 10
mu = 37.59
size = 7.58
p−value = 0.686
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

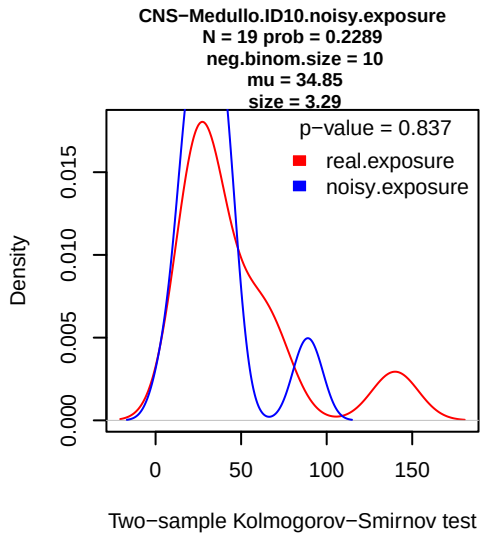

CNS−Medullo.ID10.real.exposure
N = 10 prob = 0.1205
mu = 47.2
size = 2.78
Density
counts

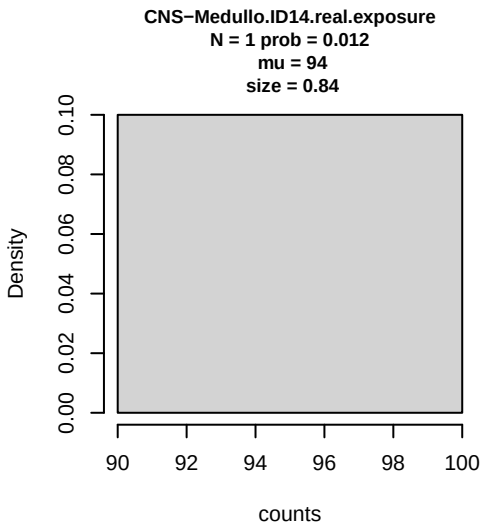

CNS−Medullo.ID10.synthetic.exposure
N = 20 prob = 0.241
mu = 33.4
size = 2.23
Density
counts

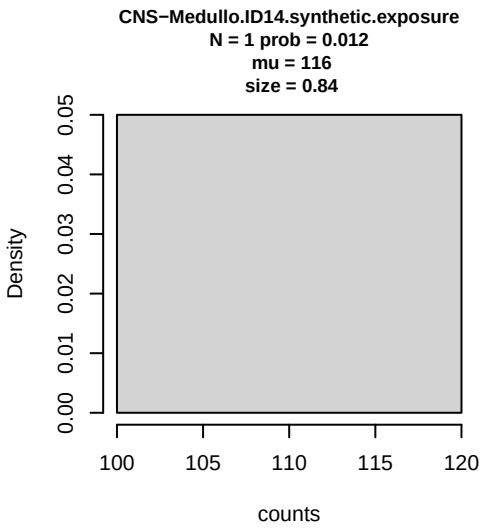

CNS−Medullo.ID10.noisy.exposure
N = 19 prob = 0.2289
neg.binom.size = 10
mu = 34.85
size = 3.29
Density
counts

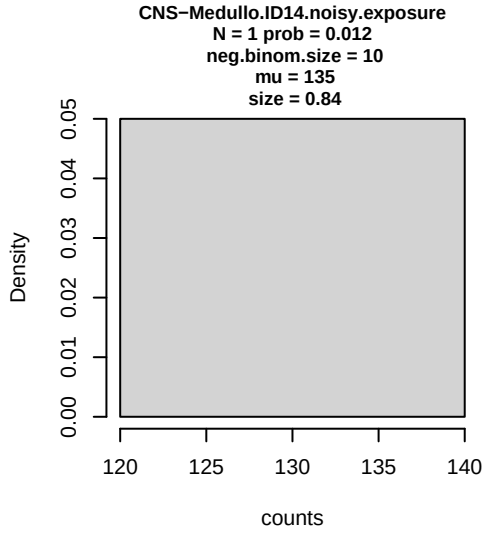

CNS−Medullo.ID10.real.exposure
N = 10 prob = 0.1205
mu = 47.2
size = 2.78
Density
N = 10 Bandwidth = 13.56

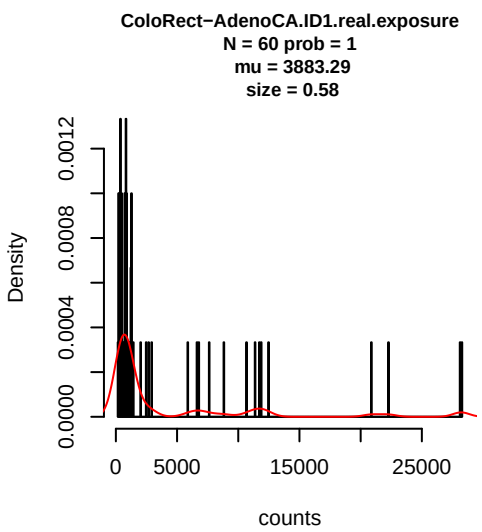

CNS−Medullo.ID10.synthetic.exposure
N = 20 prob = 0.241
mu = 33.4
size = 2.23
p−value = 0.799
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

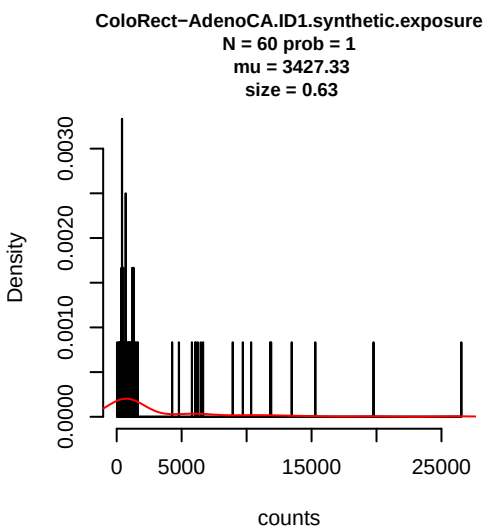

CNS−Medullo.ID10.noisy.exposure
N = 19 prob = 0.2289
neg.binom.size = 10
mu = 34.85
size = 3.29
p−value = 0.837
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

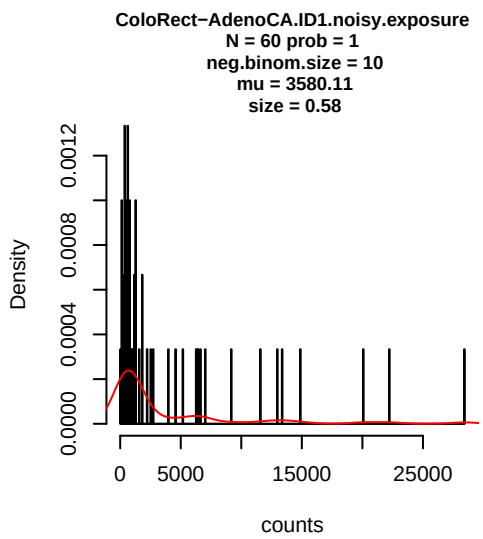

CNS−Medullo.ID14.real.exposure
N = 1 prob = 0.012
mu = 94
size = 0.84
Density
counts

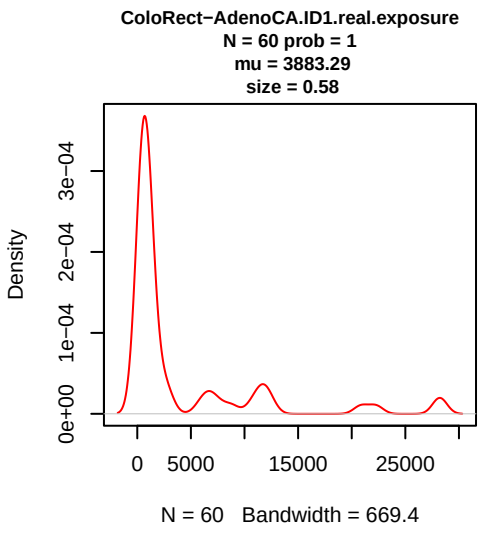

CNS−Medullo.ID14.synthetic.exposure
N = 1 prob = 0.012
mu = 116
size = 0.84
Density
counts

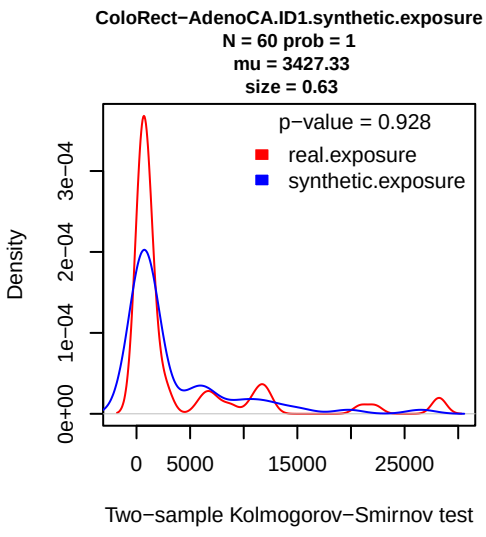

CNS−Medullo.ID14.noisy.exposure
N = 1 prob = 0.012
neg.binom.size = 10
mu = 135
size = 0.84
Density
counts

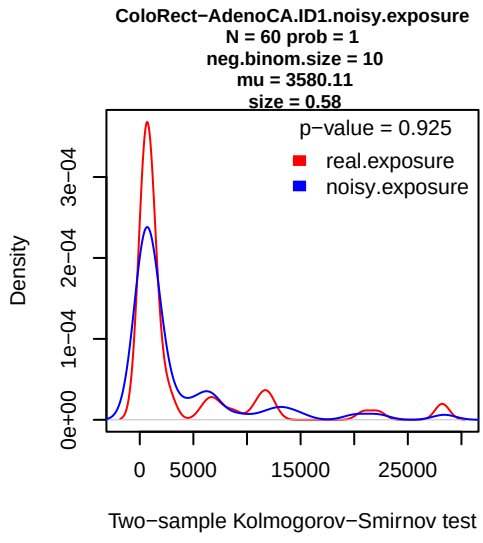

ColoRect−AdenoCA.ID1.real.exposure
N = 60 prob = 1
mu = 3883.29
size = 0.58
Density
counts

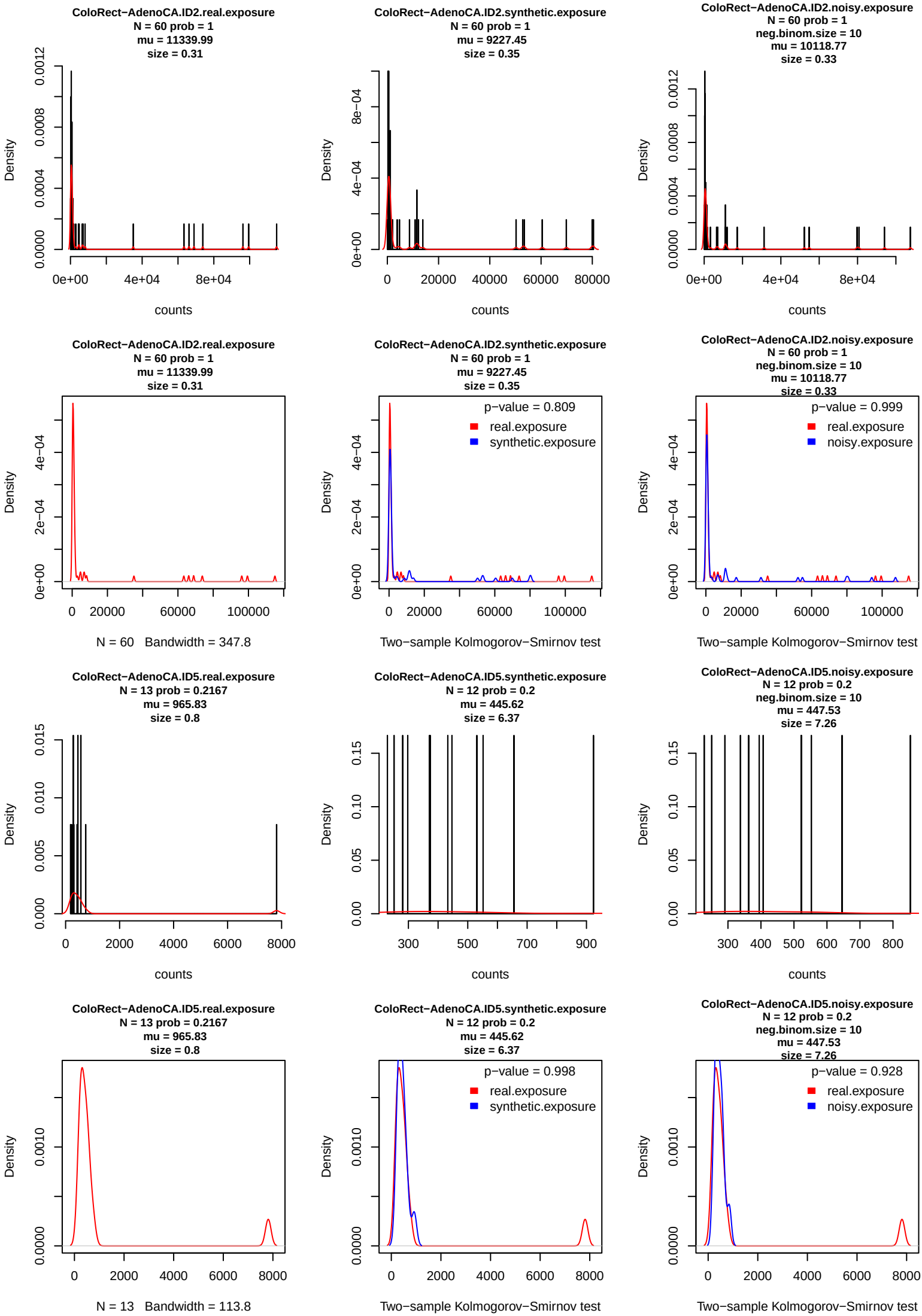

ColoRect−AdenoCA.ID1.synthetic.exposure
N = 60 prob = 1
mu = 3427.33
size = 0.63
Density
counts

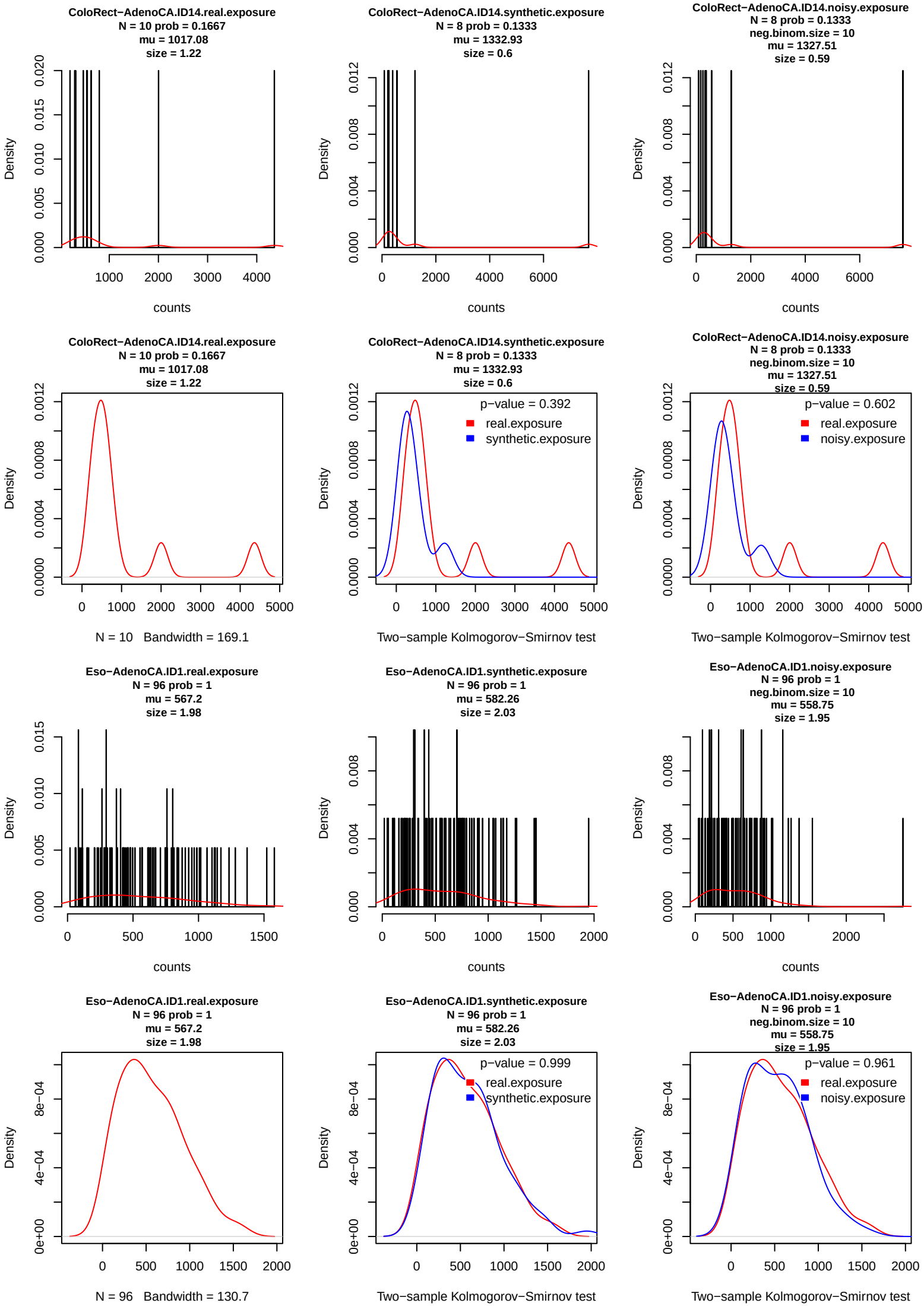

ColoRect−AdenoCA.ID1.noisy.exposure
N = 60 prob = 1
neg.binom.size = 10
mu = 3580.11
size = 0.58
Density
counts

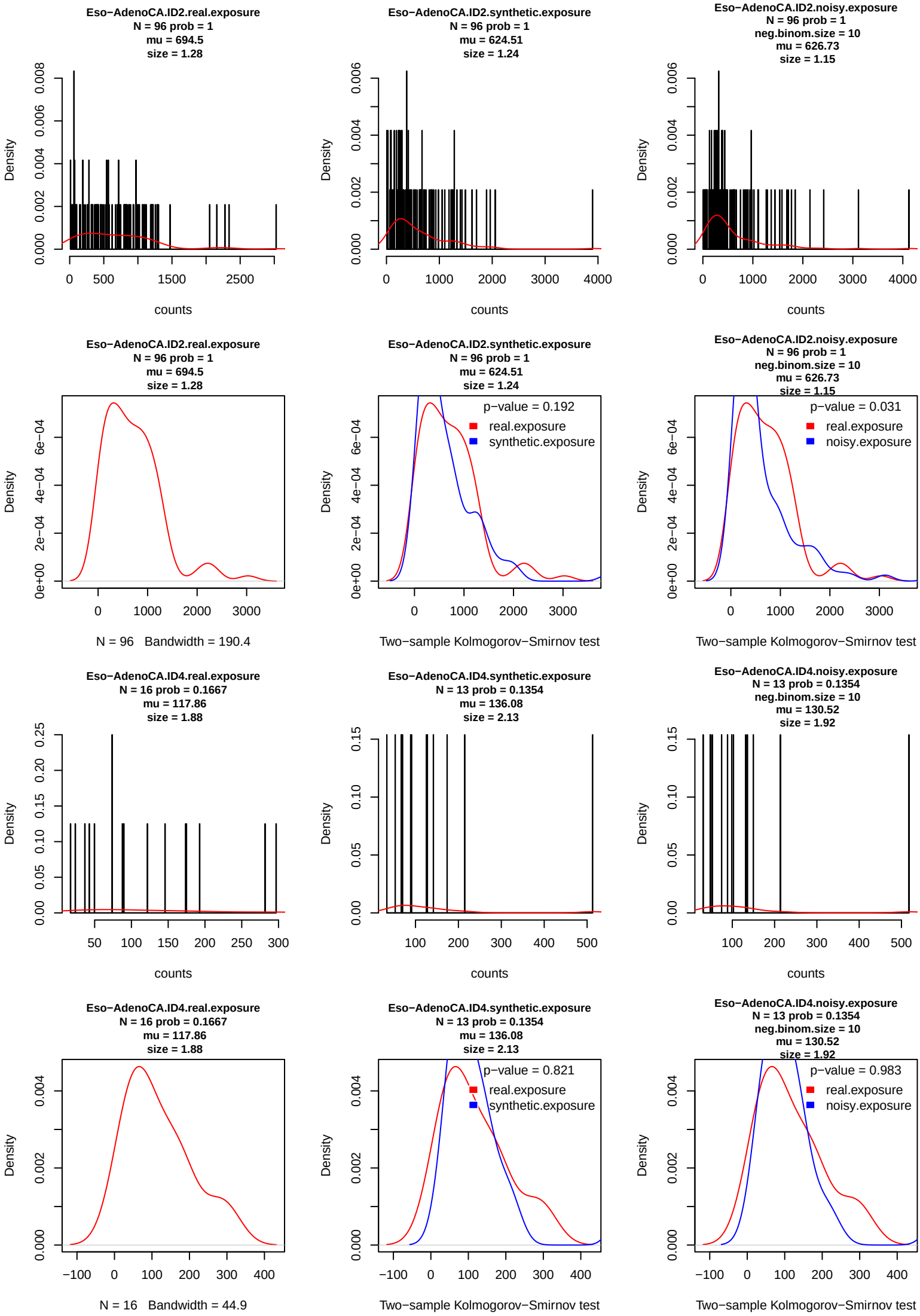

ColoRect−AdenoCA.ID1.real.exposure
N = 60 prob = 1
mu = 3883.29
size = 0.58
Density
N = 60 Bandwidth = 669.4

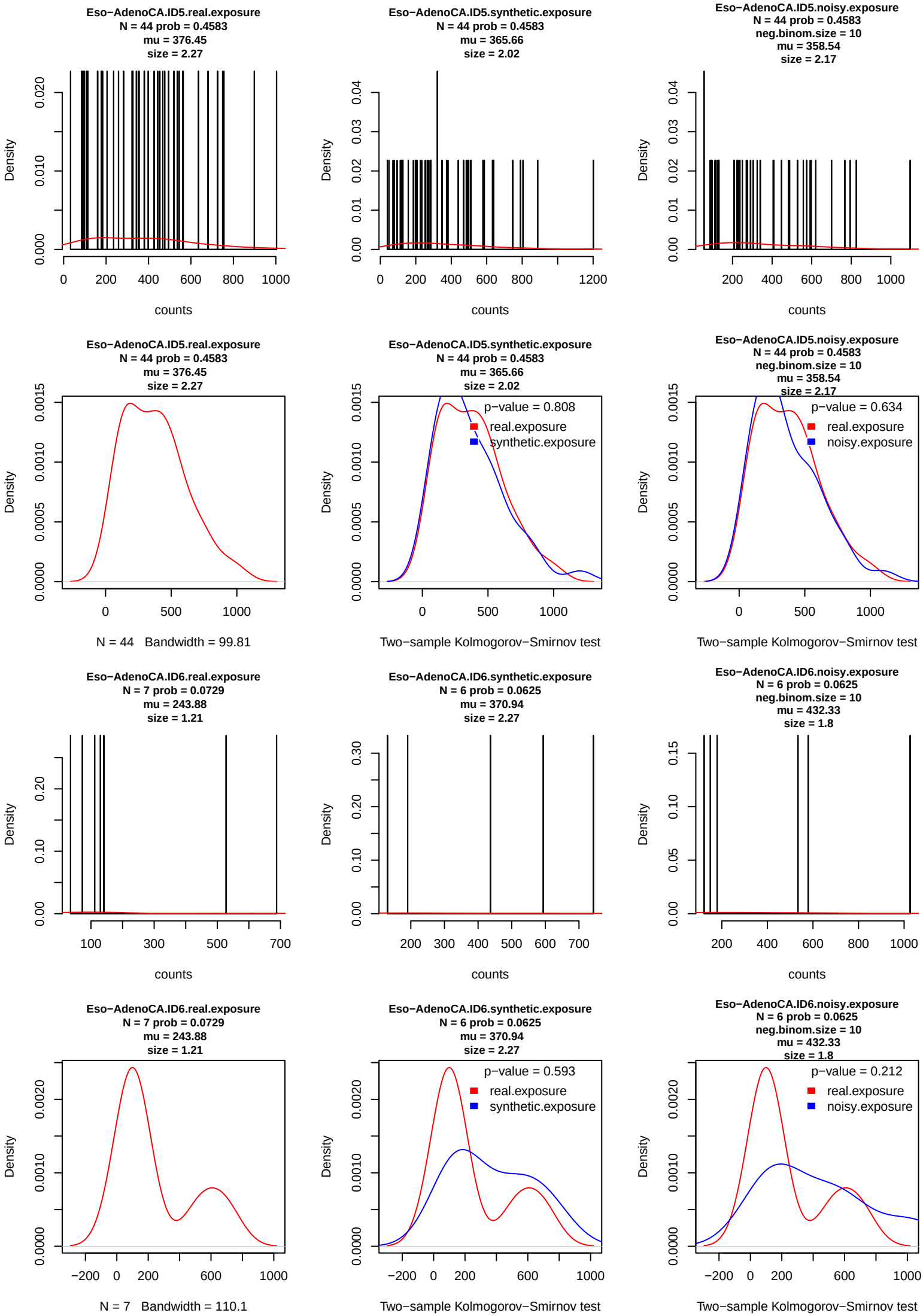

ColoRect−AdenoCA.ID1.synthetic.exposure
N = 60 prob = 1
mu = 3427.33
size = 0.63
p−value = 0.928
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

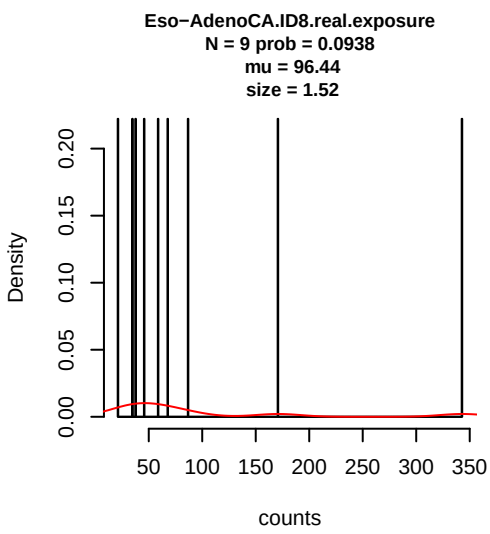

ColoRect−AdenoCA.ID1.noisy.exposure
N = 60 prob = 1
neg.binom.size = 10
mu = 3580.11
size = 0.58
p−value = 0.925
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

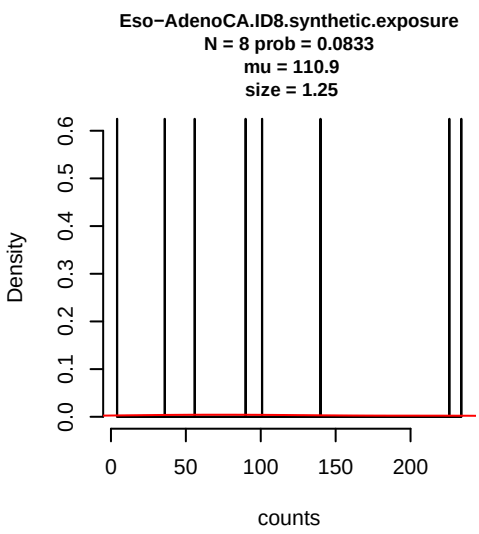

ColoRect−AdenoCA.ID2.real.exposure
N = 60 prob = 1
mu = 11339.99
size = 0.31
ColoRect−AdenoCA.ID2.synthetic.exposure
N = 60 prob = 1
mu = 9227.45
size = 0.35
ColoRect−AdenoCA.ID2.noisy.exposure
N = 60 prob = 1
neg.binom.size = 10
mu = 10118.77
size = 0.33
Density
counts
N = 60 Bandwidth = 347.8
p−value = 0.809
real.exposure
synthetic.exposure
p−value = 0.999
noisy.exposure
Two−sample Kolmogorov−Smirnov test
ColoRect−AdenoCA.ID5.real.exposure
N = 13 prob = 0.2167
mu = 965.83
size = 0.8
ColoRect−AdenoCA.ID5.synthetic.exposure
N = 12 prob = 0.2
mu = 445.62
size = 6.37
ColoRect−AdenoCA.ID5.noisy.exposure
N = 12 prob = 0.2
neg.binom.size = 10
mu = 447.53
size = 7.26
N = 13 Bandwidth = 113.8
p−value = 0.998
p−value = 0.928

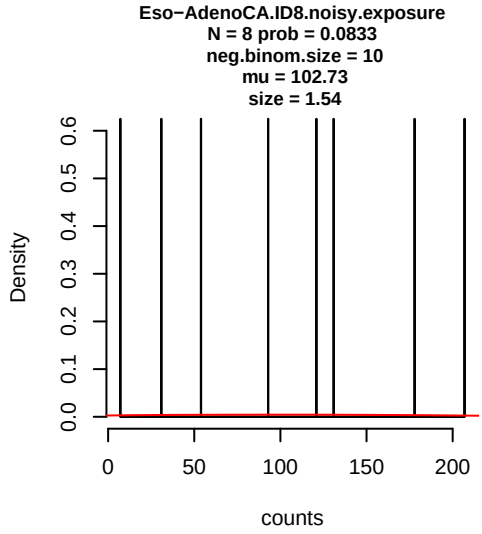

ColoRect−AdenoCA.ID14.real.exposure
N = 10 prob = 0.1667
mu = 1017.08
size = 1.22
ColoRect−AdenoCA.ID14.synthetic.exposure
N = 8 prob = 0.1333
mu = 1332.93
size = 0.6
ColoRect−AdenoCA.ID14.noisy.exposure
N = 8 prob = 0.1333
neg.binom.size = 10
mu = 1327.51
size = 0.59
Density
counts
N = 10 Bandwidth = 169.1
p−value = 0.392
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
p−value = 0.602
noisy.exposure
Eso−AdenoCA.ID1.real.exposure
N = 96 prob = 1
mu = 567.2
size = 1.98
Eso−AdenoCA.ID1.synthetic.exposure
N = 96 prob = 1
mu = 582.26
size = 2.03
Eso−AdenoCA.ID1.noisy.exposure
N = 96 prob = 1
neg.binom.size = 10
mu = 558.75
size = 1.95
N = 96 Bandwidth = 130.7
p−value = 0.999
p−value = 0.961

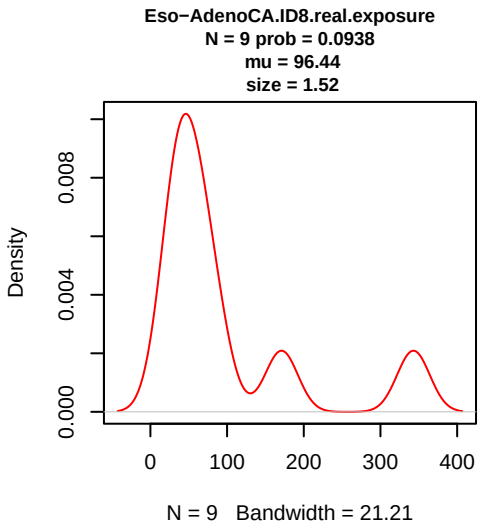

Eso−AdenoCA.ID2.real.exposure
N = 96 prob = 1
mu = 694.5
size = 1.28
Eso−AdenoCA.ID2.synthetic.exposure
N = 96 prob = 1
mu = 624.51
size = 1.24
Eso−AdenoCA.ID2.noisy.exposure
N = 96 prob = 1
neg.binom.size = 10
mu = 626.73
size = 1.15
Density
counts
N = 96 Bandwidth = 190.4
p−value = 0.192
real.exposure
synthetic.exposure
p−value = 0.031
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Eso−AdenoCA.ID4.real.exposure
N = 16 prob = 0.1667
mu = 117.86
size = 1.88
Eso−AdenoCA.ID4.synthetic.exposure
N = 13 prob = 0.1354
mu = 136.08
size = 2.13
Eso−AdenoCA.ID4.noisy.exposure
N = 13 prob = 0.1354
neg.binom.size = 10
mu = 130.52
size = 1.92
N = 16 Bandwidth = 44.9
p−value = 0.821
p−value = 0.983

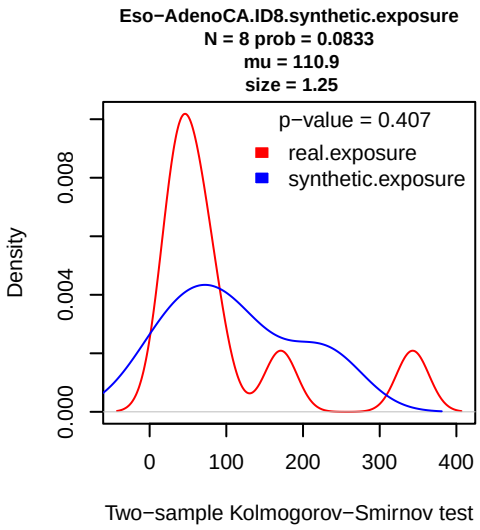

Eso−AdenoCA.ID5.real.exposure
N = 44 prob = 0.4583
mu = 376.45
size = 2.27
Eso−AdenoCA.ID5.synthetic.exposure
N = 44 prob = 0.4583
mu = 365.66
size = 2.02
Eso−AdenoCA.ID5.noisy.exposure
N = 44 prob = 0.4583
neg.binom.size = 10
mu = 358.54
size = 2.17
Density
counts
N = 44 Bandwidth = 99.81
p−value = 0.808
real.exposure
synthetic.exposure
p−value = 0.634
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Eso−AdenoCA.ID6.real.exposure
N = 7 prob = 0.0729
mu = 243.88
size = 1.21
Eso−AdenoCA.ID6.synthetic.exposure
N = 6 prob = 0.0625
mu = 370.94
size = 2.27
Eso−AdenoCA.ID6.noisy.exposure
N = 6 prob = 0.0625
neg.binom.size = 10
mu = 432.33
size = 1.8
N = 7 Bandwidth = 110.1
p−value = 0.593
p−value = 0.212

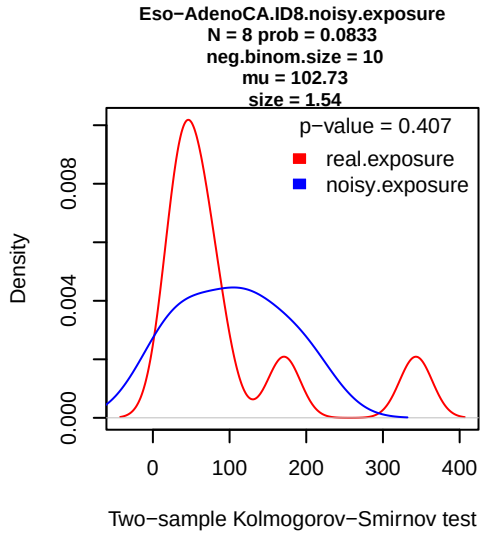

Eso−AdenoCA.ID8.real.exposure
N = 9 prob = 0.0938
mu = 96.44
size = 1.52
Density
counts

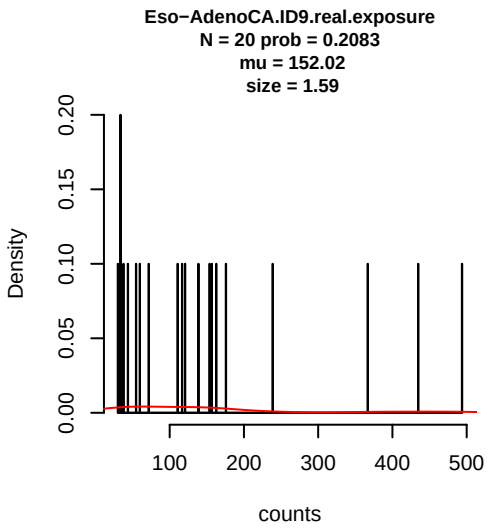

Eso−AdenoCA.ID8.synthetic.exposure
N = 8 prob = 0.0833
mu = 110.9
size = 1.25
Density
counts

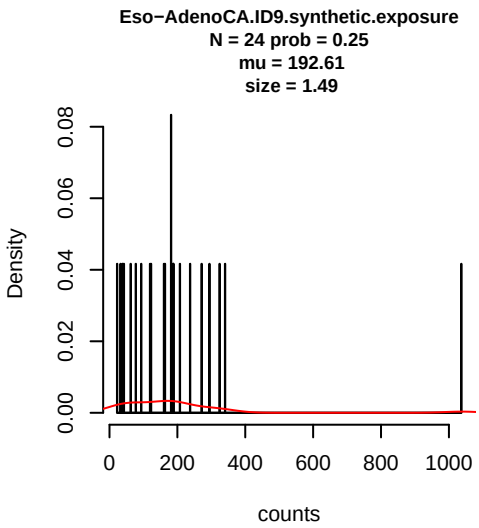

Eso−AdenoCA.ID8.noisy.exposure
N = 8 prob = 0.0833
neg.binom.size = 10
mu = 102.73
size = 1.54
Density
counts

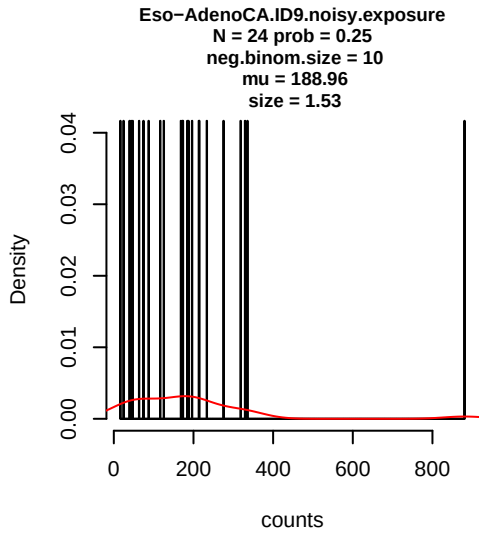

Eso−AdenoCA.ID8.real.exposure
N = 9 prob = 0.0938
mu = 96.44
size = 1.52
Density
N = 9 Bandwidth = 21.21

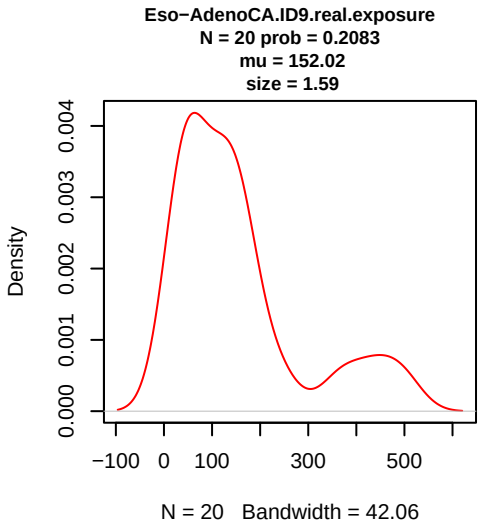

Eso−AdenoCA.ID8.synthetic.exposure
N = 8 prob = 0.0833
mu = 110.9
size = 1.25
p−value = 0.407
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

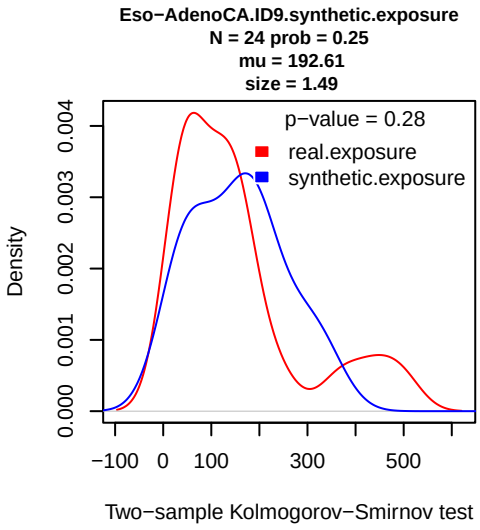

Eso−AdenoCA.ID8.noisy.exposure
N = 8 prob = 0.0833
neg.binom.size = 10
mu = 102.73
size = 1.54
p−value = 0.407
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

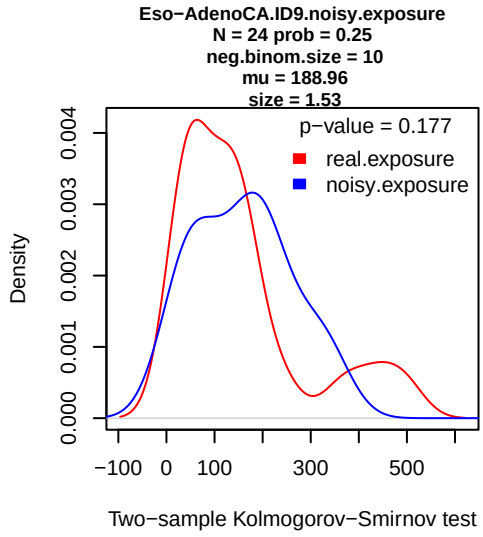

Eso−AdenoCA.ID9.real.exposure
N = 20 prob = 0.2083
mu = 152.02
size = 1.59
Density
counts

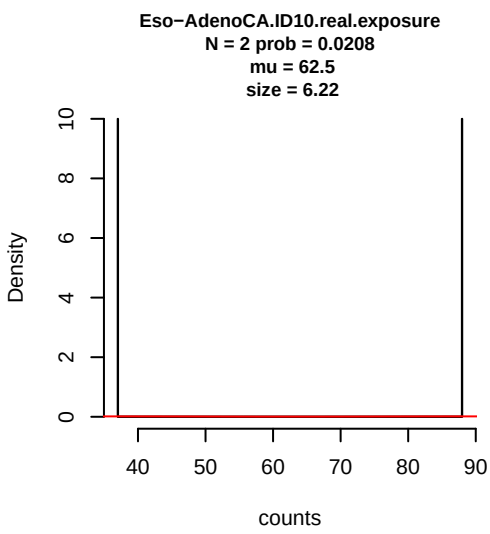

Eso−AdenoCA.ID9.synthetic.exposure
N = 24 prob = 0.25
mu = 192.61
size = 1.49
Density
counts

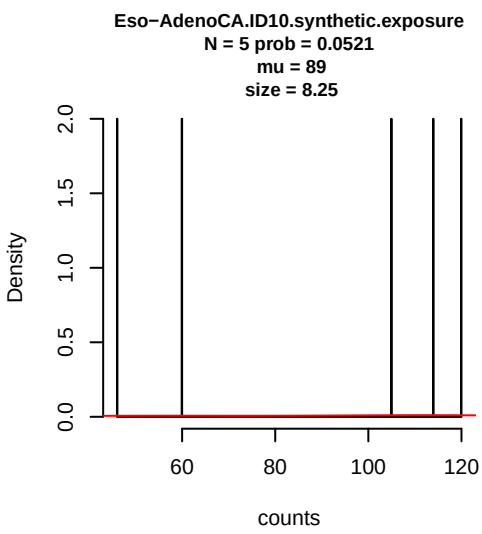

Eso−AdenoCA.ID9.noisy.exposure
N = 24 prob = 0.25
neg.binom.size = 10
mu = 188.96
size = 1.53
Density
counts

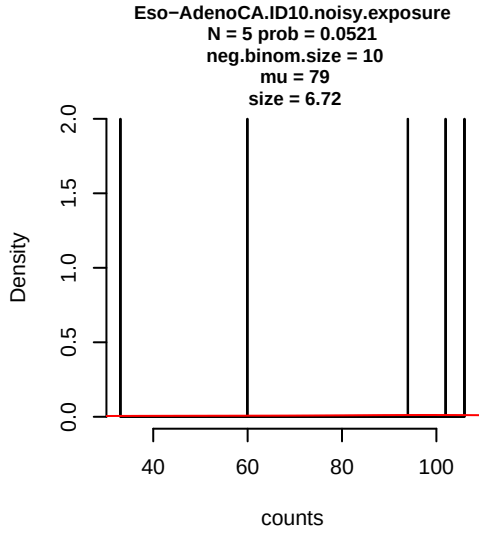

Eso−AdenoCA.ID9.real.exposure
N = 20 prob = 0.2083
mu = 152.02
size = 1.59
Density
N = 20 Bandwidth = 42.06

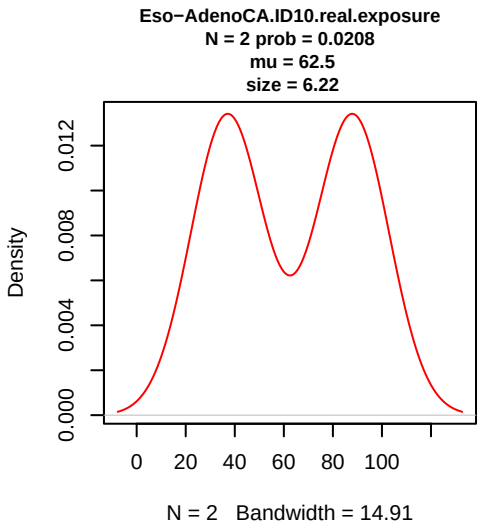

Eso−AdenoCA.ID9.synthetic.exposure
N = 24 prob = 0.25
mu = 192.61
size = 1.49
p−value = 0.28
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

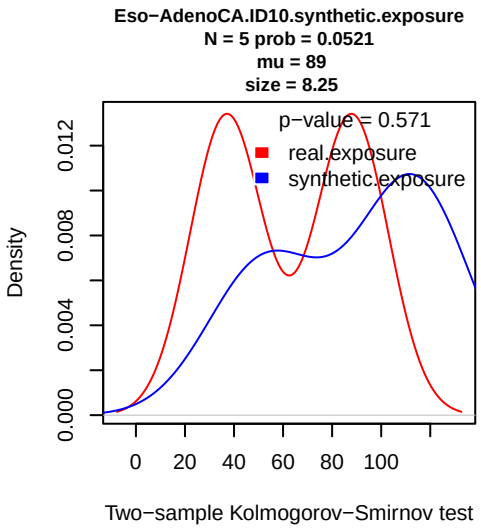

Eso−AdenoCA.ID9.noisy.exposure
N = 24 prob = 0.25
neg.binom.size = 10
mu = 188.96
size = 1.53
p−value = 0.177
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

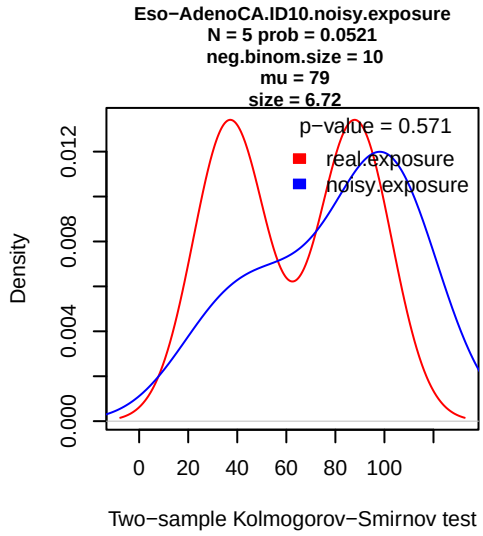

Eso−AdenoCA.ID10.real.exposure
N = 2 prob = 0.0208
mu = 62.5
size = 6.22
Density
counts

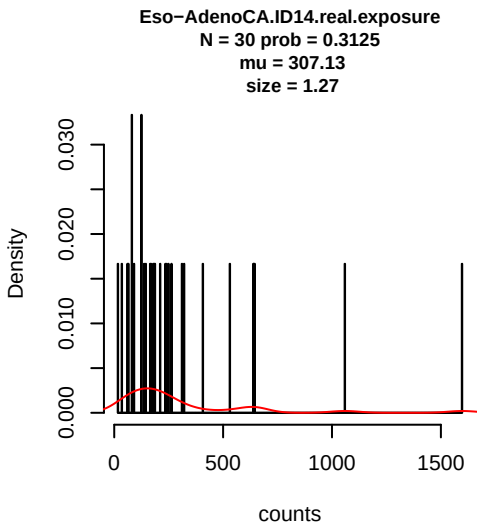

Eso−AdenoCA.ID10.synthetic.exposure
N = 5 prob = 0.0521
mu = 89
size = 8.25
Density
counts

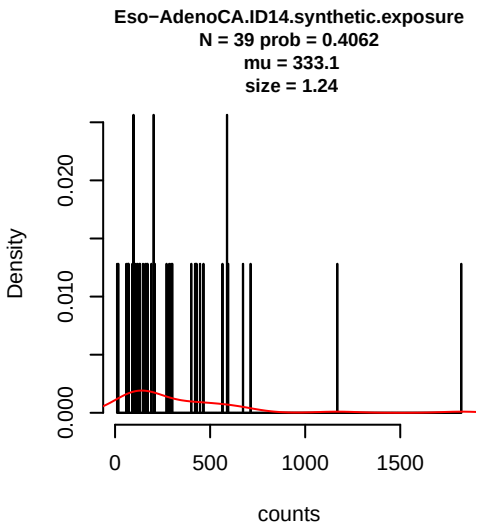

Eso−AdenoCA.ID10.noisy.exposure
N = 5 prob = 0.0521
neg.binom.size = 10
mu = 79
size = 6.72
Density
counts

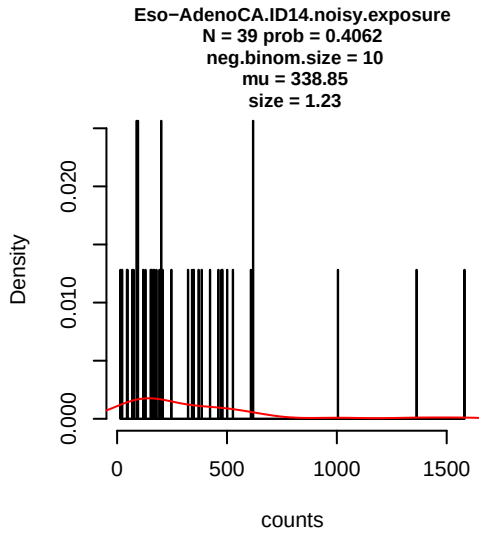

Eso−AdenoCA.ID10.real.exposure
N = 2 prob = 0.0208
mu = 62.5
size = 6.22
Density
N = 2 Bandwidth = 14.91

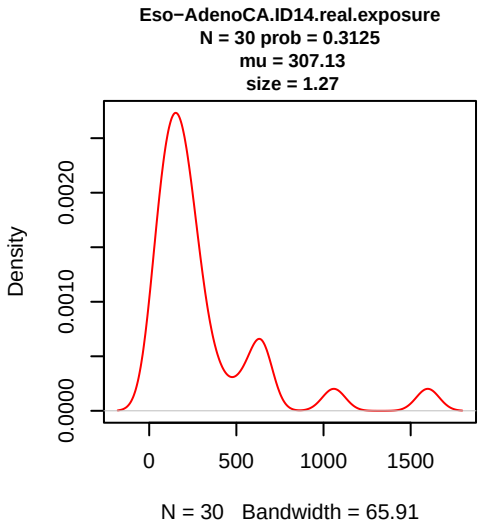

Eso−AdenoCA.ID10.synthetic.exposure
N = 5 prob = 0.0521
mu = 89
size = 8.25
p−value = 0.571
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

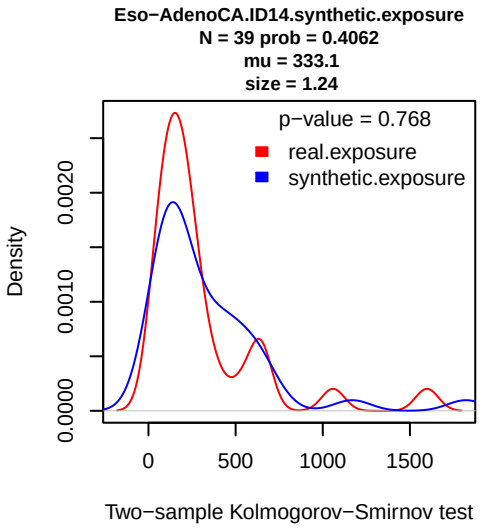

Eso−AdenoCA.ID10.noisy.exposure
N = 5 prob = 0.0521
neg.binom.size = 10
mu = 79
size = 6.72
p−value = 0.571
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

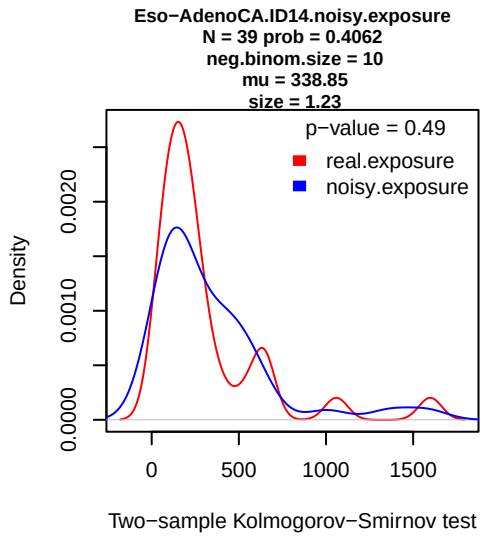

Eso−AdenoCA.ID14.real.exposure
N = 30 prob = 0.3125
mu = 307.13
size = 1.27
Density
counts

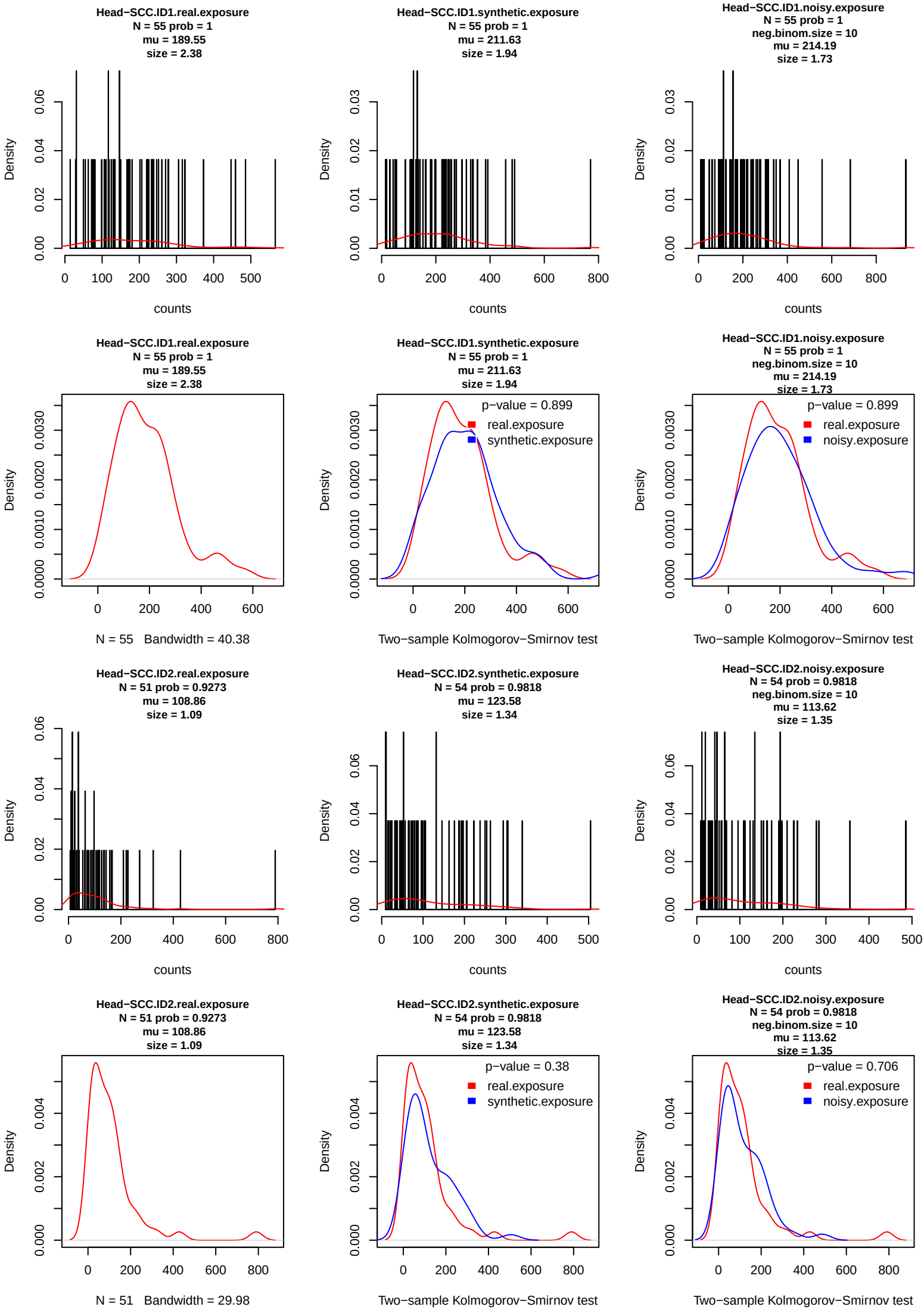

Eso−AdenoCA.ID14.synthetic.exposure
N = 39 prob = 0.4062
mu = 333.1
size = 1.24
Density
counts

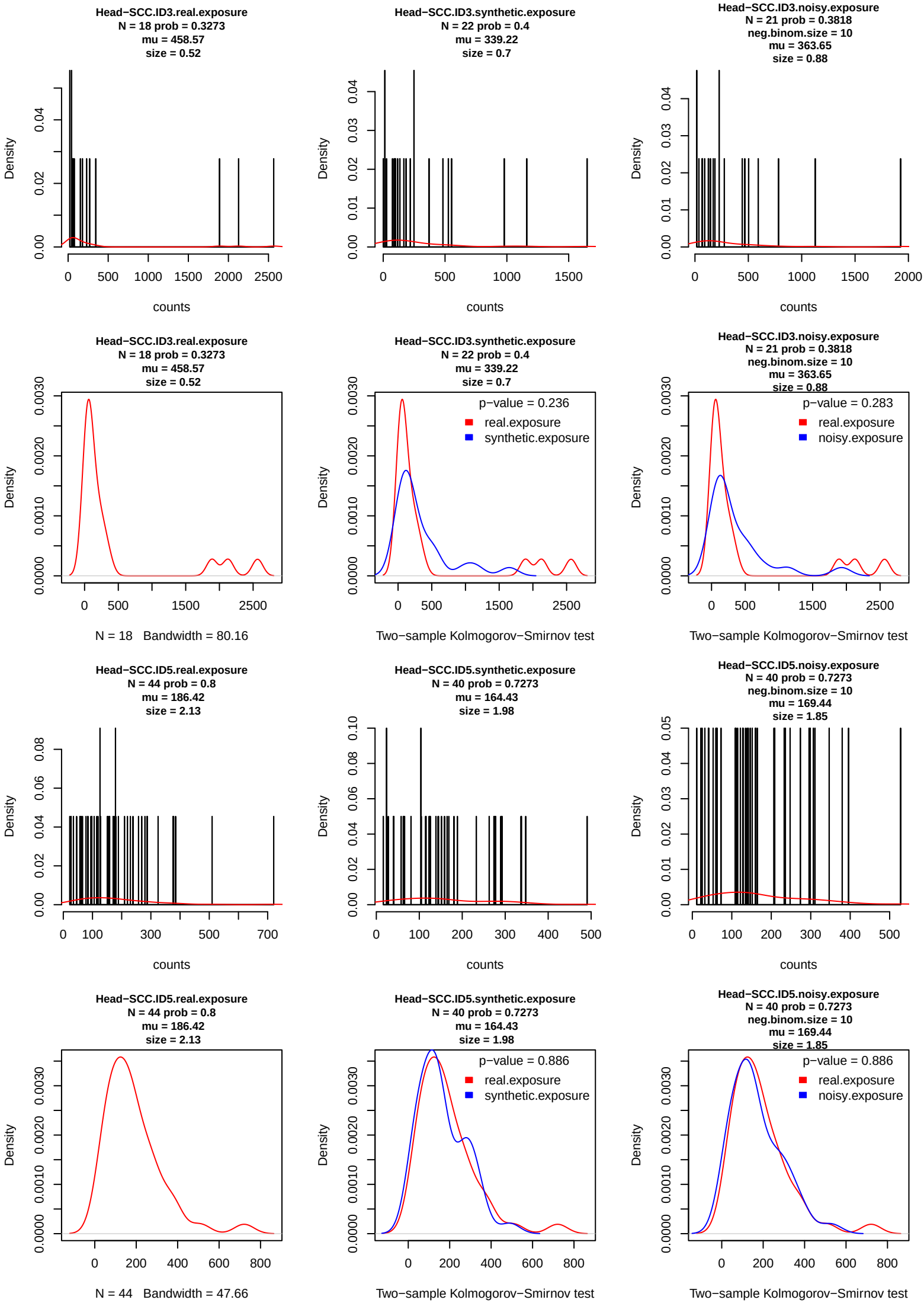

Eso−AdenoCA.ID14.noisy.exposure
N = 39 prob = 0.4062
neg.binom.size = 10
mu = 338.85
size = 1.23
Density
counts

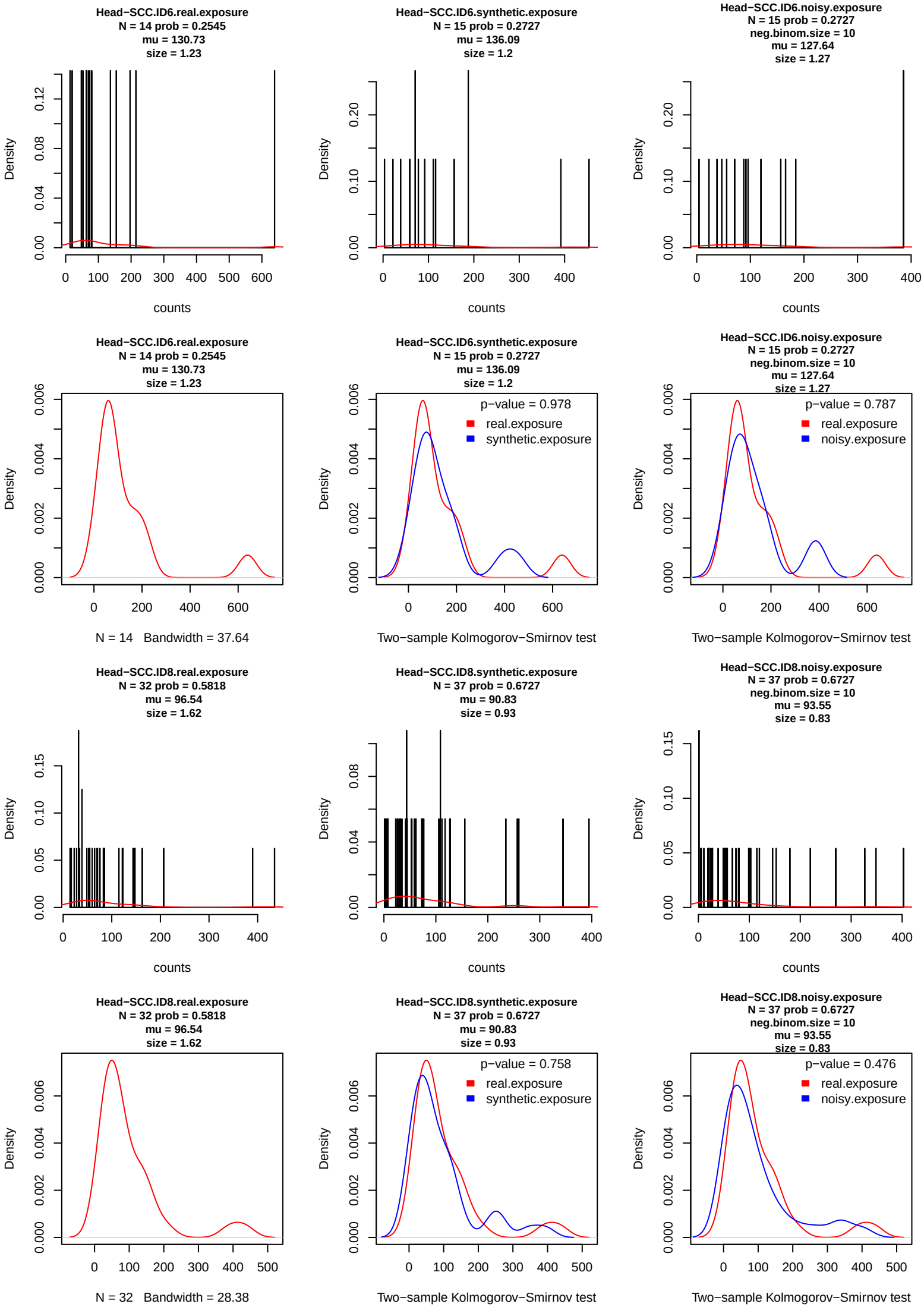

Eso−AdenoCA.ID14.real.exposure
N = 30 prob = 0.3125
mu = 307.13
size = 1.27
Density
N = 30 Bandwidth = 65.91

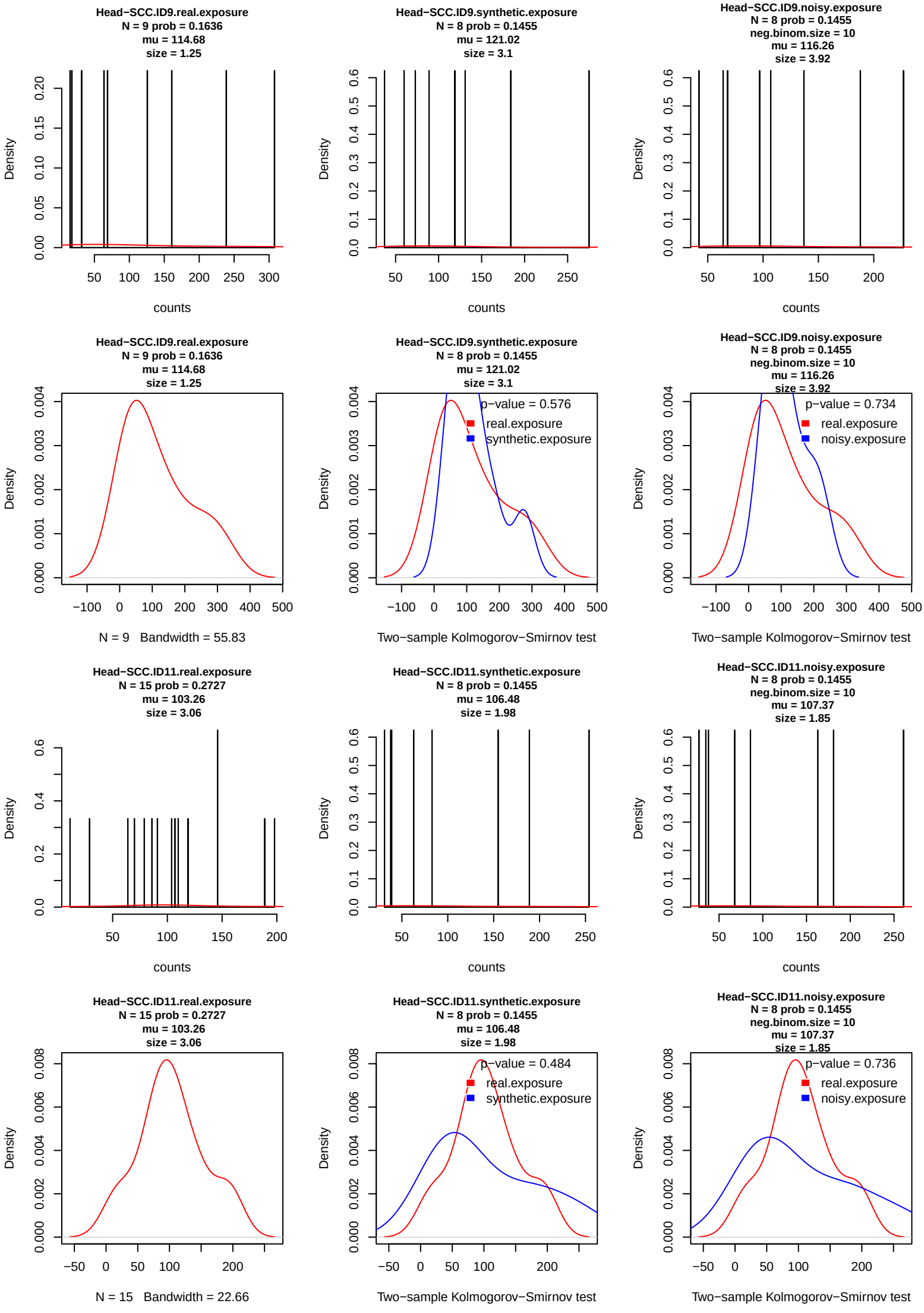

Eso−AdenoCA.ID14.synthetic.exposure
N = 39 prob = 0.4062
mu = 333.1
size = 1.24
p−value = 0.768
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

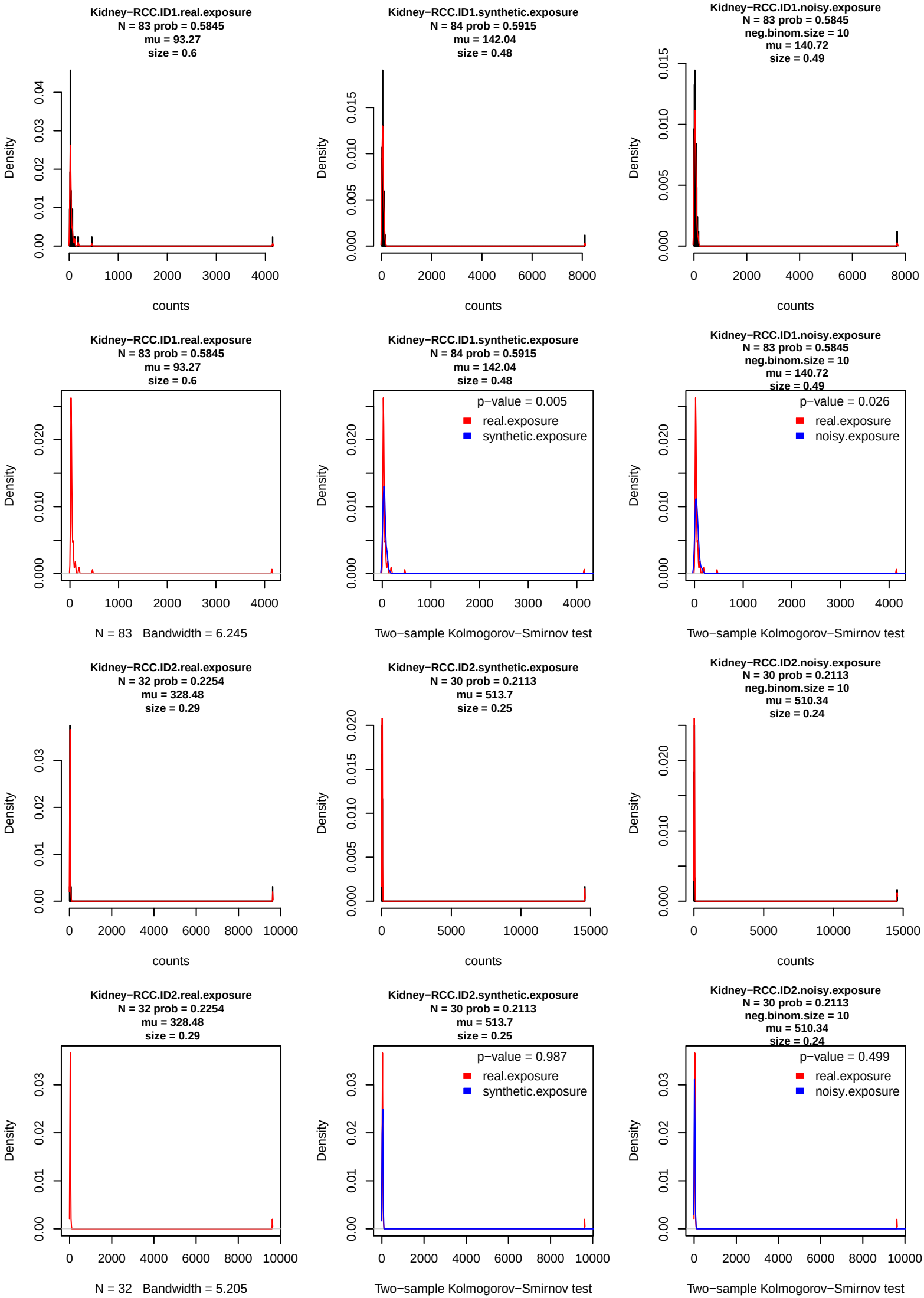

Eso−AdenoCA.ID14.noisy.exposure
N = 39 prob = 0.4062
neg.binom.size = 10
mu = 338.85
size = 1.23
p−value = 0.49
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

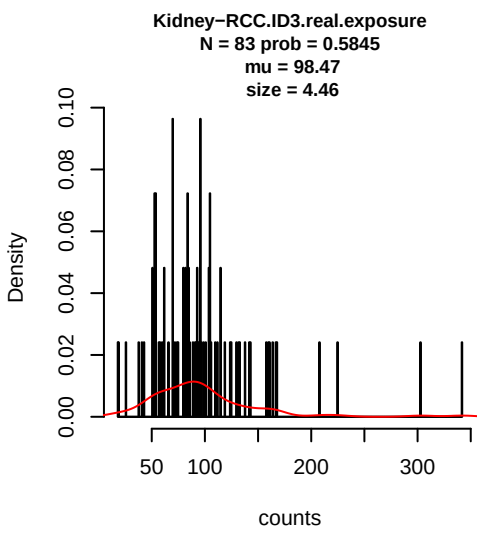

Head−SCC.ID1.real.exposure
N = 55 prob = 1
mu = 189.55
size = 2.38
Head−SCC.ID1.synthetic.exposure
N = 55 prob = 1
mu = 211.63
size = 1.94
Head−SCC.ID1.noisy.exposure
N = 55 prob = 1
neg.binom.size = 10
mu = 214.19
size = 1.73
Density
counts
N = 55 Bandwidth = 40.38
p−value = 0.899
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Head−SCC.ID2.real.exposure
N = 51 prob = 0.9273
mu = 108.86
size = 1.09
Head−SCC.ID2.synthetic.exposure
N = 54 prob = 0.9818
mu = 123.58
size = 1.34
Head−SCC.ID2.noisy.exposure
N = 54 prob = 0.9818
neg.binom.size = 10
mu = 113.62
size = 1.35
N = 51 Bandwidth = 29.98
p−value = 0.38
p−value = 0.706

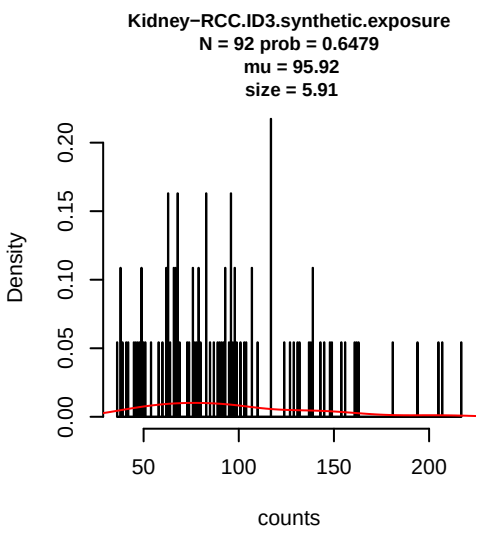

Head−SCC.ID3.real.exposure
N = 18 prob = 0.3273
mu = 458.57
size = 0.52
Head−SCC.ID3.synthetic.exposure
N = 22 prob = 0.4
mu = 339.22
size = 0.7
Head−SCC.ID3.noisy.exposure
N = 21 prob = 0.3818
neg.binom.size = 10
mu = 363.65
size = 0.88
Density
counts
p−value = 0.236
real.exposure
synthetic.exposure
p−value = 0.283
noisy.exposure
N = 18 Bandwidth = 80.16
Two−sample Kolmogorov−Smirnov test
Head−SCC.ID5.real.exposure
N = 44 prob = 0.8
mu = 186.42
size = 2.13
Head−SCC.ID5.synthetic.exposure
N = 40 prob = 0.7273
mu = 164.43
size = 1.98
Head−SCC.ID5.noisy.exposure
N = 40 prob = 0.7273
neg.binom.size = 10
mu = 169.44
size = 1.85
p−value = 0.886
N = 44 Bandwidth = 47.66

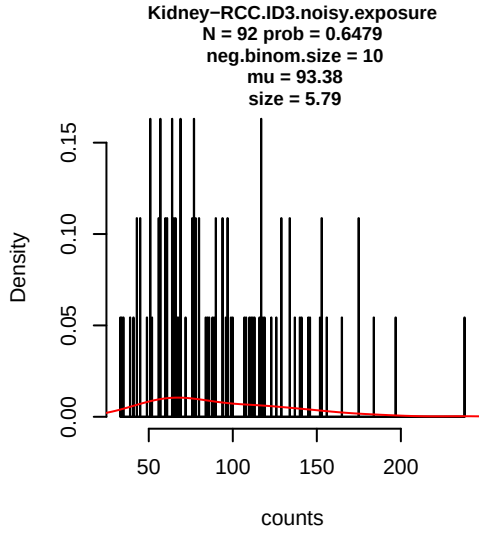

Head−SCC.ID6.real.exposure
N = 14 prob = 0.2545
mu = 130.73
size = 1.23
Head−SCC.ID6.synthetic.exposure
N = 15 prob = 0.2727
mu = 136.09
size = 1.2
Head−SCC.ID6.noisy.exposure
N = 15 prob = 0.2727
neg.binom.size = 10
mu = 127.64
size = 1.27
Density
counts
Head−SCC.ID6.real.exposure
N = 14 prob = 0.2545
mu = 130.73
size = 1.23
N = 14 Bandwidth = 37.64
Head−SCC.ID6.synthetic.exposure
N = 15 prob = 0.2727
mu = 136.09
size = 1.2
p−value = 0.978
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
Head−SCC.ID6.noisy.exposure
N = 15 prob = 0.2727
neg.binom.size = 10
mu = 127.64
size = 1.27
p−value = 0.787
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Head−SCC.ID8.real.exposure
N = 32 prob = 0.5818
mu = 96.54
size = 1.62
Head−SCC.ID8.synthetic.exposure
N = 37 prob = 0.6727
mu = 90.83
size = 0.93
Head−SCC.ID8.noisy.exposure
N = 37 prob = 0.6727
neg.binom.size = 10
mu = 93.55
size = 0.83
Head−SCC.ID8.real.exposure
N = 32 prob = 0.5818
mu = 96.54
size = 1.62
N = 32 Bandwidth = 28.38
Head−SCC.ID8.synthetic.exposure
N = 37 prob = 0.6727
mu = 90.83
size = 0.93
p−value = 0.758
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
Head−SCC.ID8.noisy.exposure
N = 37 prob = 0.6727
neg.binom.size = 10
mu = 93.55
size = 0.83
p−value = 0.476
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test

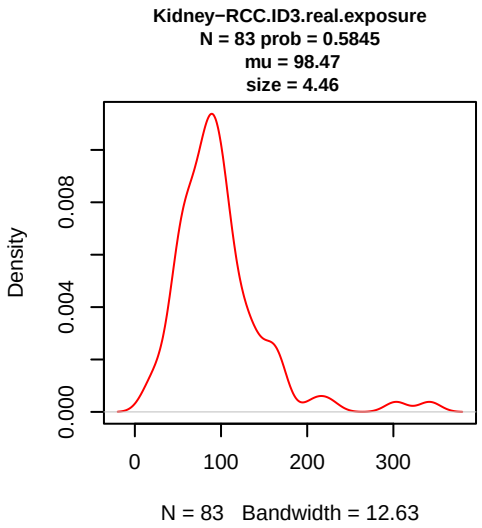

Head−SCC.ID9.real.exposure
N = 9 prob = 0.1636
mu = 114.68
size = 1.25
Head−SCC.ID9.synthetic.exposure
N = 8 prob = 0.1455
mu = 121.02
size = 3.1
Head−SCC.ID9.noisy.exposure
N = 8 prob = 0.1455
neg.binom.size = 10
mu = 116.26
size = 3.92
Density
counts
N = 9 Bandwidth = 55.83
p−value = 0.576
real.exposure
synthetic.exposure
p−value = 0.734
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Head−SCC.ID11.real.exposure
N = 15 prob = 0.2727
mu = 103.26
size = 3.06
Head−SCC.ID11.synthetic.exposure
N = 8 prob = 0.1455
mu = 106.48
size = 1.98
Head−SCC.ID11.noisy.exposure
N = 8 prob = 0.1455
neg.binom.size = 10
mu = 107.37
size = 1.85
N = 15 Bandwidth = 22.66
p−value = 0.484
p−value = 0.736

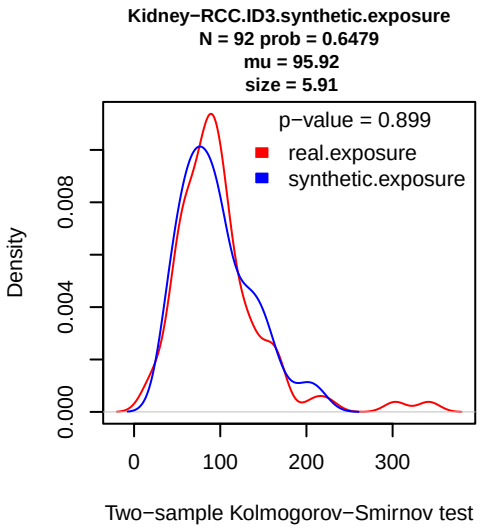

Kidney−RCC.ID1.real.exposure
N = 83 prob = 0.5845
mu = 93.27
size = 0.6
Kidney−RCC.ID1.synthetic.exposure
N = 84 prob = 0.5915
mu = 142.04
size = 0.48
Kidney−RCC.ID1.noisy.exposure
N = 83 prob = 0.5845
neg.binom.size = 10
mu = 140.72
size = 0.49
Density
counts
N = 83 Bandwidth = 6.245
p−value = 0.005
real.exposure
synthetic.exposure
p−value = 0.026
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Kidney−RCC.ID2.real.exposure
N = 32 prob = 0.2254
mu = 328.48
size = 0.29
Kidney−RCC.ID2.synthetic.exposure
N = 30 prob = 0.2113
mu = 513.7
size = 0.25
Kidney−RCC.ID2.noisy.exposure
N = 30 prob = 0.2113
neg.binom.size = 10
mu = 510.34
size = 0.24
N = 32 Bandwidth = 5.205
p−value = 0.987
p−value = 0.499

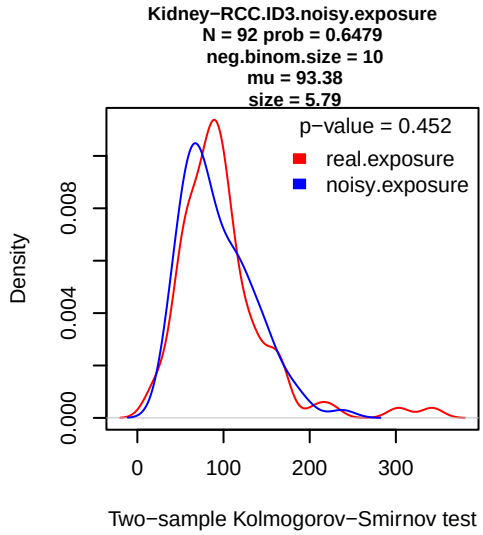

Kidney−RCC.ID3.real.exposure
N = 83 prob = 0.5845
mu = 98.47
size = 4.46
Density
counts

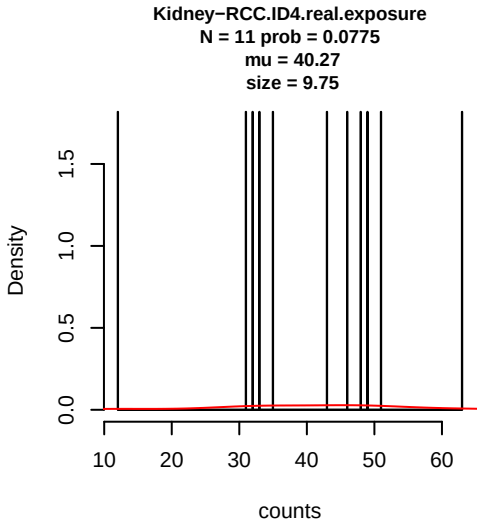

Kidney−RCC.ID3.synthetic.exposure
N = 92 prob = 0.6479
mu = 95.92
size = 5.91
Density
counts

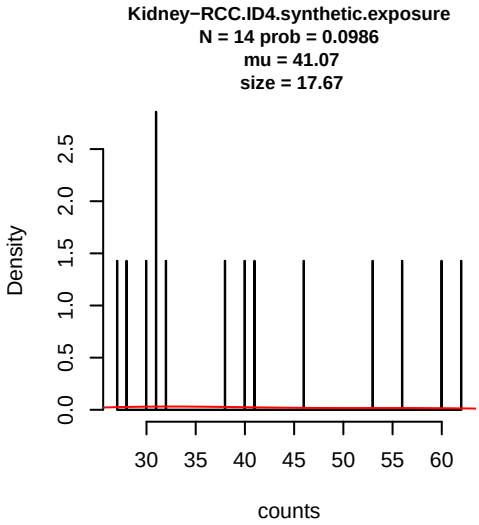

Kidney−RCC.ID3.noisy.exposure
N = 92 prob = 0.6479
neg.binom.size = 10
mu = 93.38
size = 5.79
Density
counts

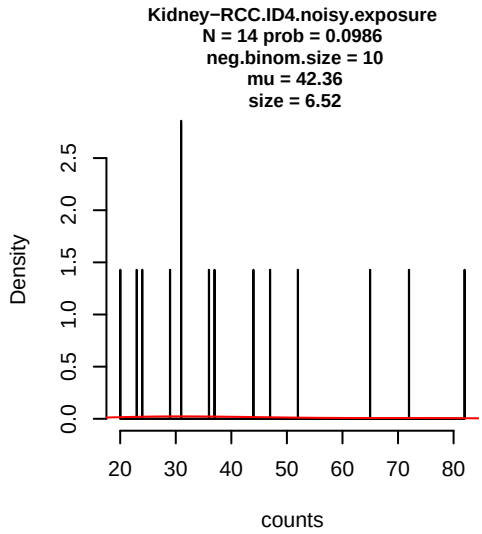

Kidney−RCC.ID3.real.exposure
N = 83 prob = 0.5845
mu = 98.47
size = 4.46
Density
N = 83 Bandwidth = 12.63

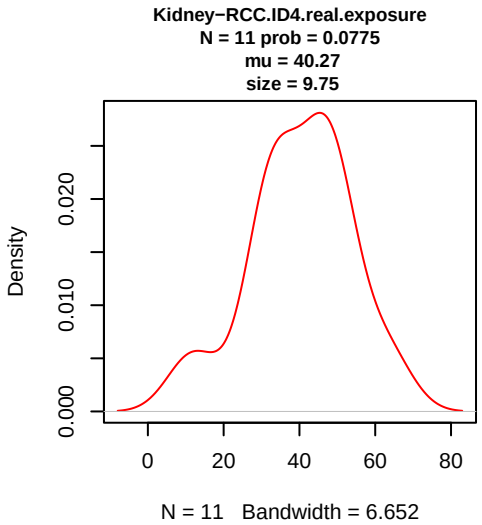

Kidney−RCC.ID3.synthetic.exposure
N = 92 prob = 0.6479
mu = 95.92
size = 5.91
p−value = 0.899
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

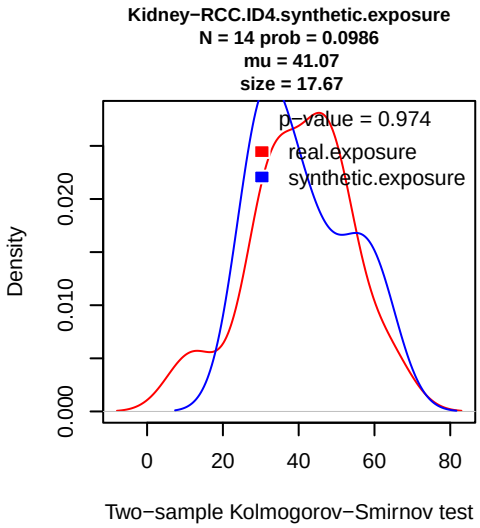

Kidney−RCC.ID3.noisy.exposure
N = 92 prob = 0.6479
neg.binom.size = 10
mu = 93.38
size = 5.79
p−value = 0.452
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

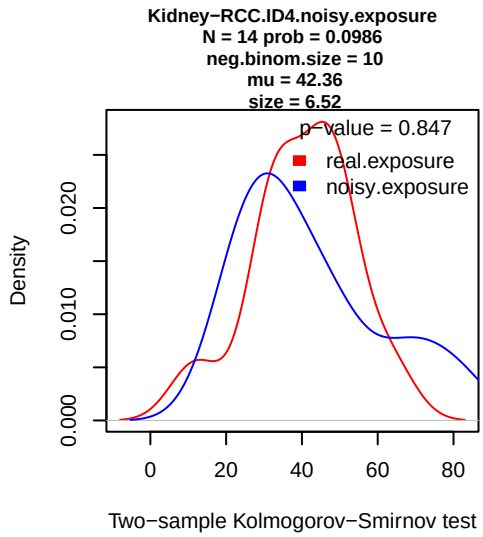

Kidney−RCC.ID4.real.exposure
N = 11 prob = 0.0775
mu = 40.27
size = 9.75
Density
counts

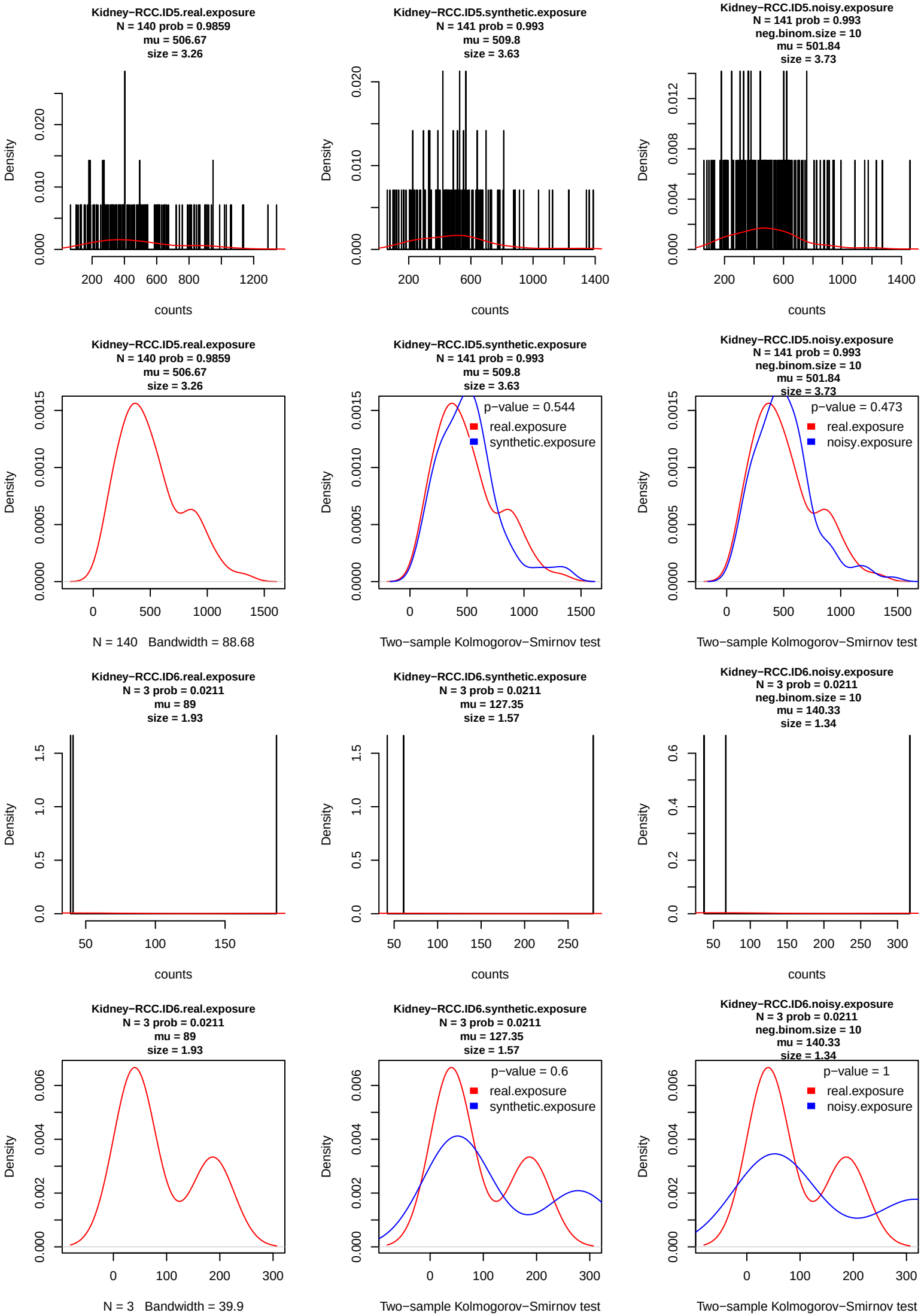

Kidney−RCC.ID4.synthetic.exposure
N = 14 prob = 0.0986
mu = 41.07
size = 17.67
Density
counts

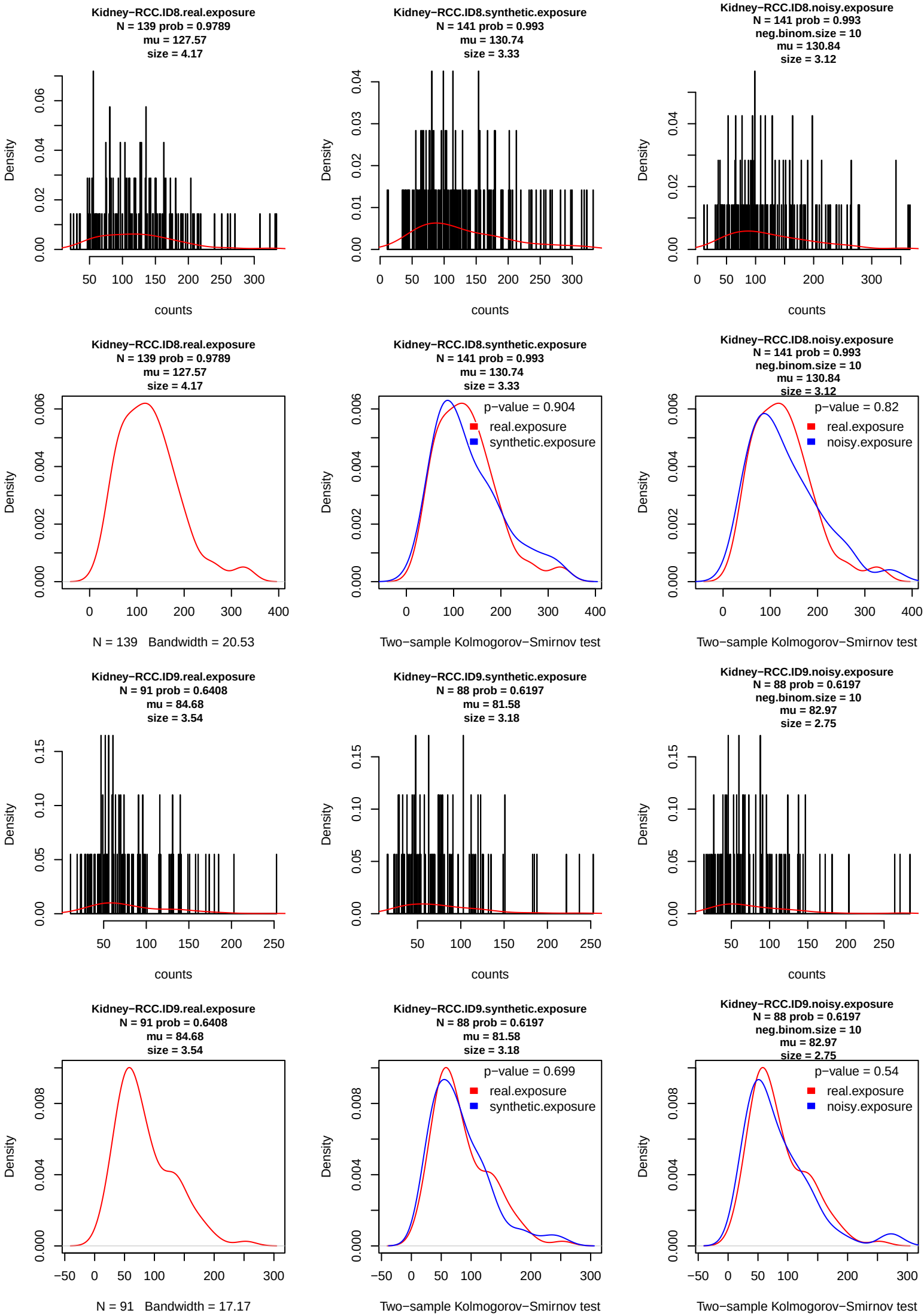

Kidney−RCC.ID4.noisy.exposure
N = 14 prob = 0.0986
neg.binom.size = 10
mu = 42.36
size = 6.52
Density
counts

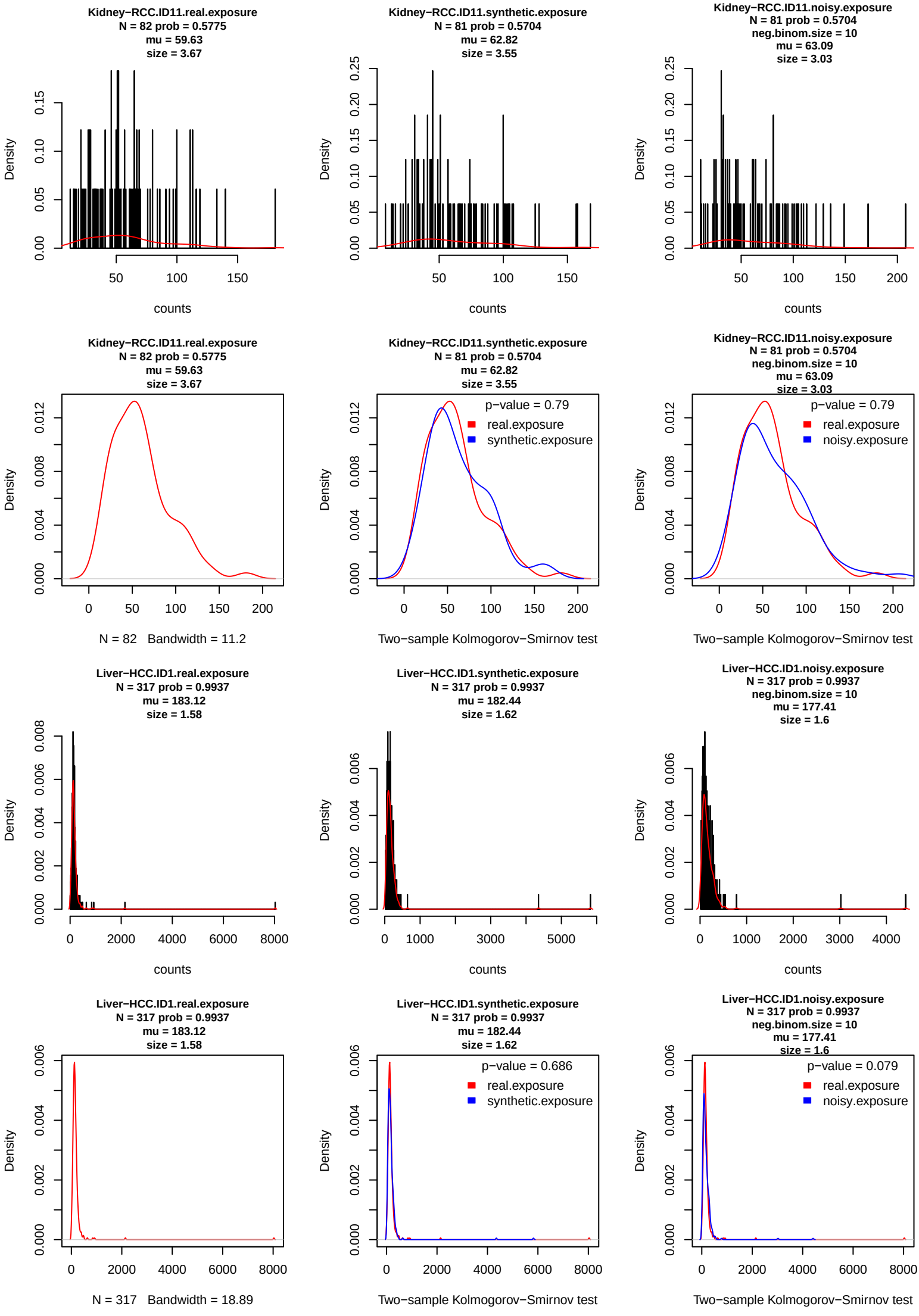

Kidney−RCC.ID4.real.exposure
N = 11 prob = 0.0775
mu = 40.27
size = 9.75
Density
N = 11 Bandwidth = 6.652

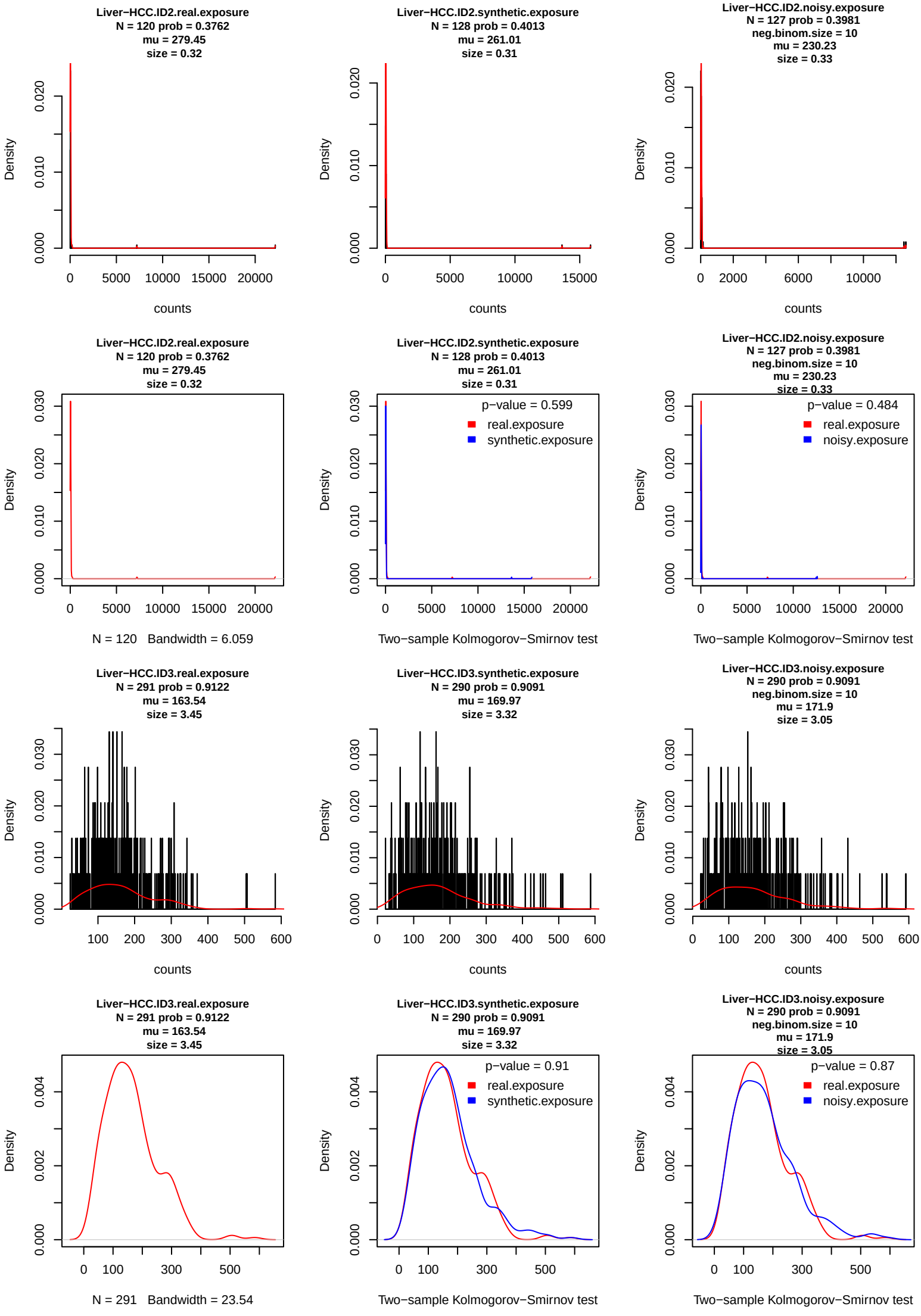

Kidney−RCC.ID4.synthetic.exposure
N = 14 prob = 0.0986
mu = 41.07
size = 17.67
p−value = 0.974
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

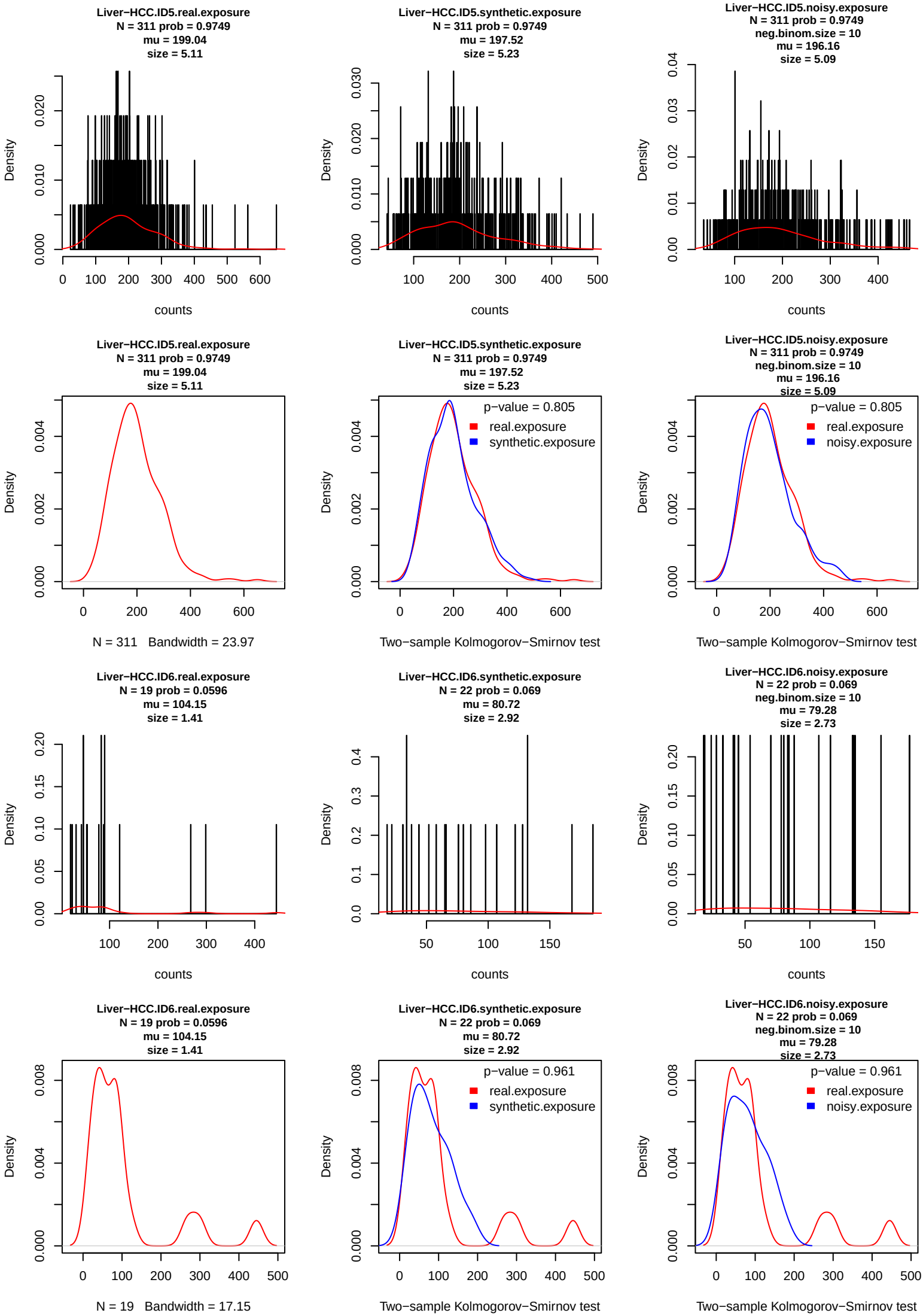

Kidney−RCC.ID4.noisy.exposure
N = 14 prob = 0.0986
neg.binom.size = 10
mu = 42.36
size = 6.52
p−value = 0.847
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

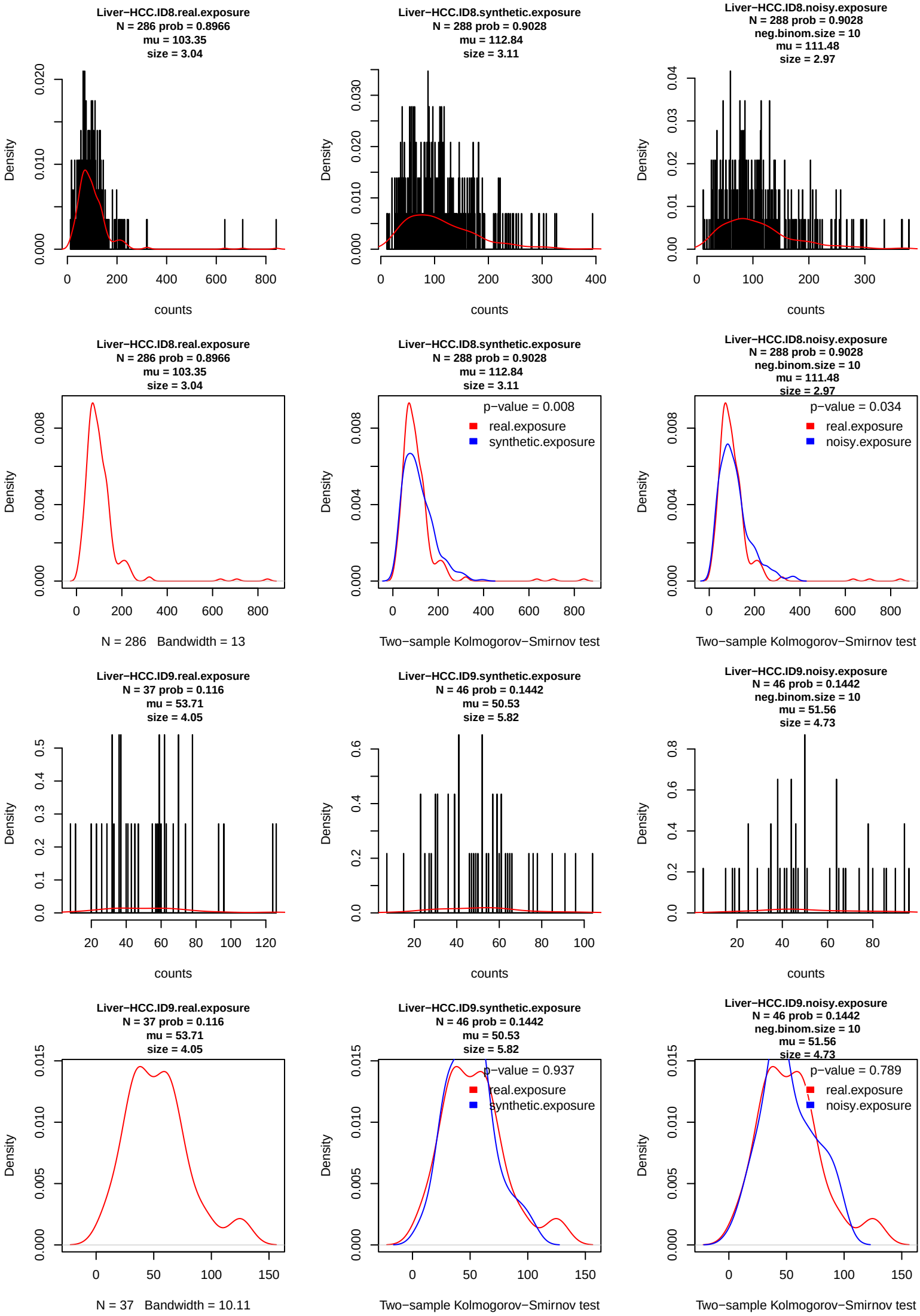

Kidney−RCC.ID5.real.exposure
N = 140 prob = 0.9859
mu = 506.67
size = 3.26
Kidney−RCC.ID5.synthetic.exposure
N = 141 prob = 0.993
mu = 509.8
size = 3.63
Kidney−RCC.ID5.noisy.exposure
N = 141 prob = 0.993
neg.binom.size = 10
mu = 501.84
size = 3.73
Density
counts
N = 140 Bandwidth = 88.68
p−value = 0.544
real.exposure
synthetic.exposure
p−value = 0.473
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Kidney−RCC.ID6.real.exposure
N = 3 prob = 0.0211
mu = 89
size = 1.93
Kidney−RCC.ID6.synthetic.exposure
N = 3 prob = 0.0211
mu = 127.35
size = 1.57
Kidney−RCC.ID6.noisy.exposure
N = 3 prob = 0.0211
neg.binom.size = 10
mu = 140.33
size = 1.34
N = 3 Bandwidth = 39.9
p−value = 0.6
p−value = 1

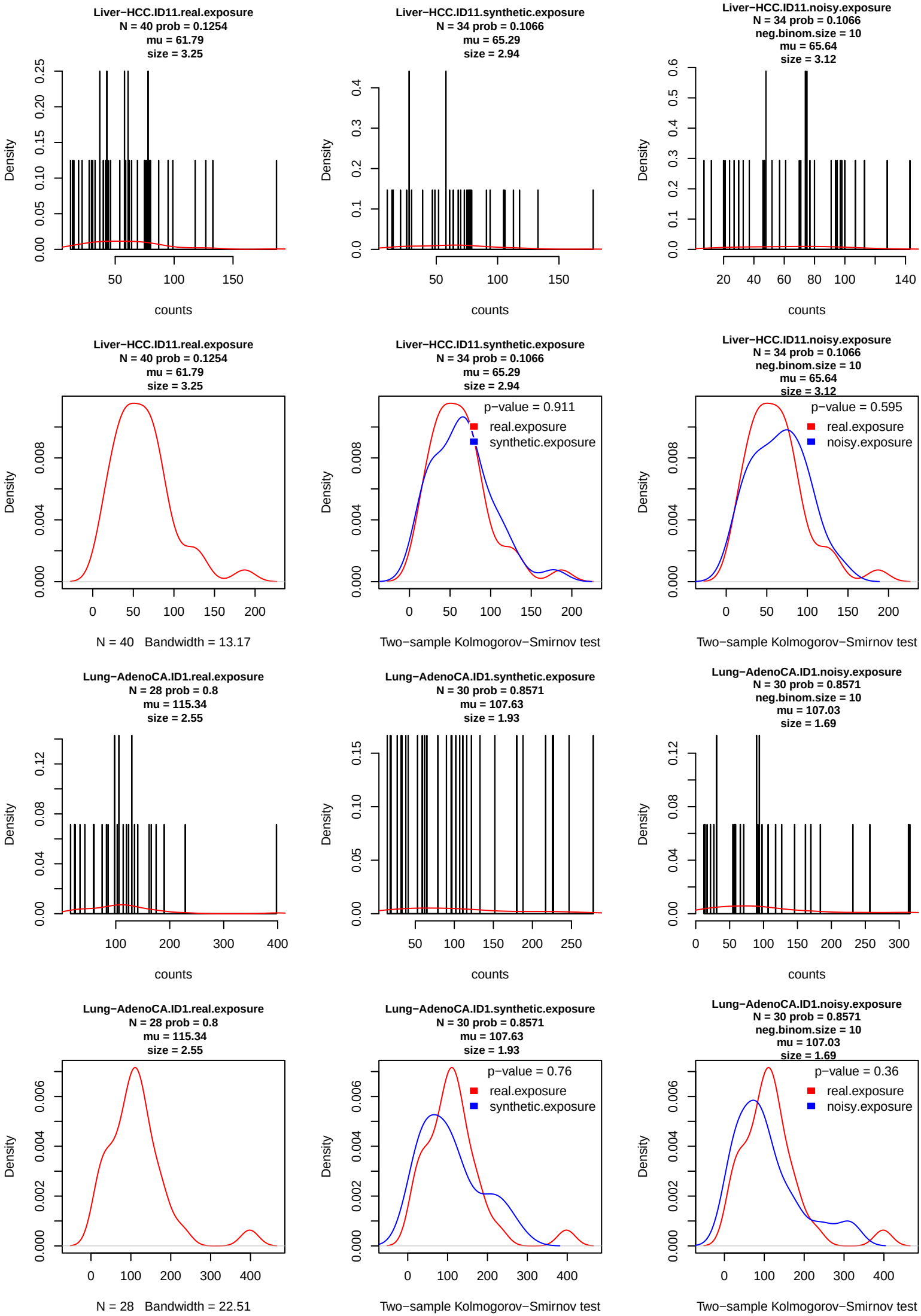

Kidney−RCC.ID8.real.exposure
N = 139 prob = 0.9789
mu = 127.57
size = 4.17
Kidney−RCC.ID8.synthetic.exposure
N = 141 prob = 0.993
mu = 130.74
size = 3.33
Kidney−RCC.ID8.noisy.exposure
N = 141 prob = 0.993
neg.binom.size = 10
mu = 130.84
size = 3.12
Density
counts
Kidney−RCC.ID8.real.exposure
N = 139 prob = 0.9789
mu = 127.57
size = 4.17
N = 139 Bandwidth = 20.53
Kidney−RCC.ID8.synthetic.exposure
N = 141 prob = 0.993
mu = 130.74
size = 3.33
p−value = 0.904
real.exposure
synthetic.exposure
Kidney−RCC.ID8.noisy.exposure
N = 141 prob = 0.993
neg.binom.size = 10
mu = 130.84
size = 3.12
p−value = 0.82
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Kidney−RCC.ID9.real.exposure
N = 91 prob = 0.6408
mu = 84.68
size = 3.54
Kidney−RCC.ID9.synthetic.exposure
N = 88 prob = 0.6197
mu = 81.58
size = 3.18
Kidney−RCC.ID9.noisy.exposure
N = 88 prob = 0.6197
neg.binom.size = 10
mu = 82.97
size = 2.75
Kidney−RCC.ID9.real.exposure
N = 91 prob = 0.6408
mu = 84.68
size = 3.54
N = 91 Bandwidth = 17.17
Kidney−RCC.ID9.synthetic.exposure
N = 88 prob = 0.6197
mu = 81.58
size = 3.18
p−value = 0.699
real.exposure
synthetic.exposure
Kidney−RCC.ID9.noisy.exposure
N = 88 prob = 0.6197
neg.binom.size = 10
mu = 82.97
size = 2.75
p−value = 0.54
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test

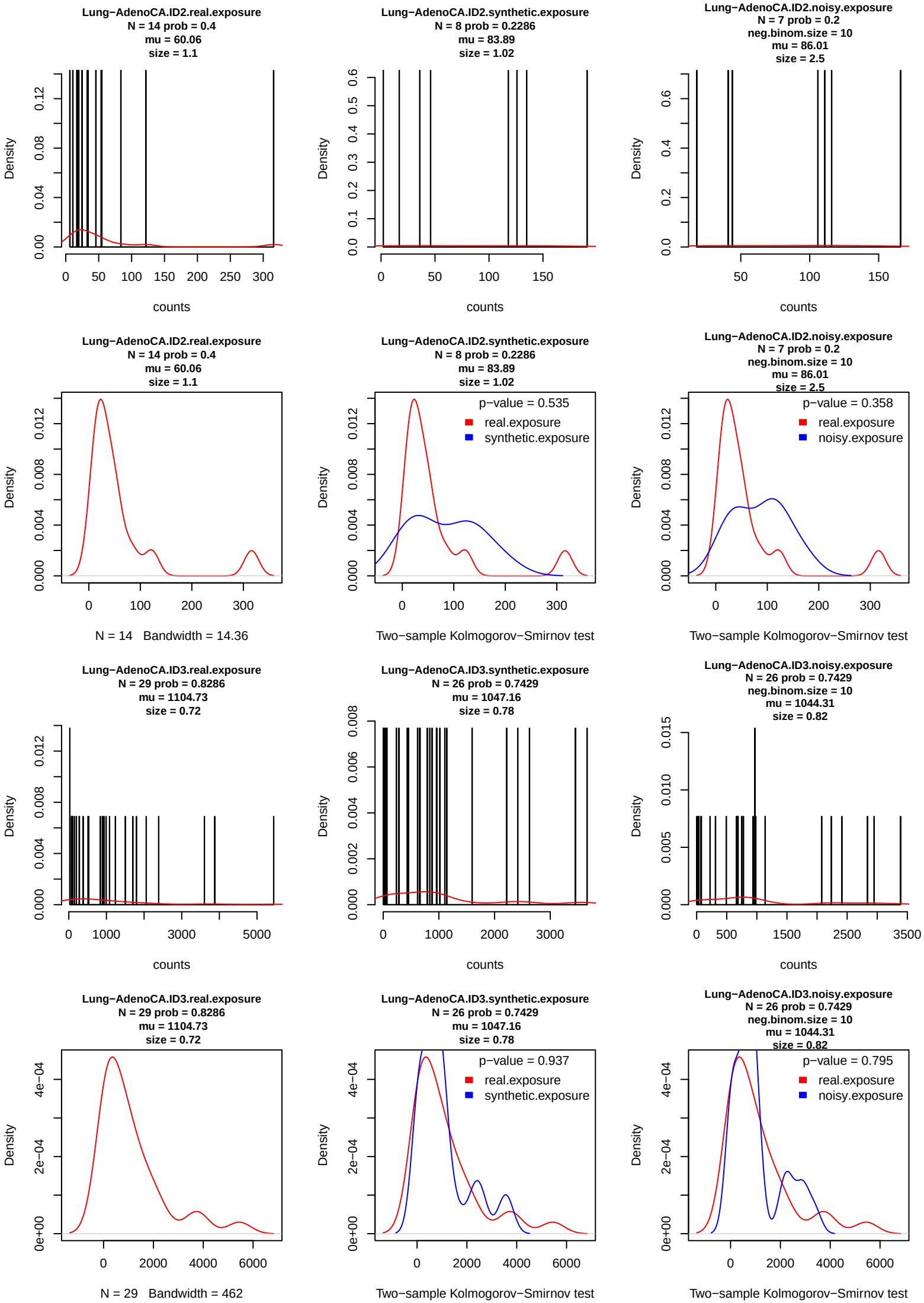

Kidney−RCC.ID11.real.exposure
N = 82 prob = 0.5775
mu = 59.63
size = 3.67
Kidney−RCC.ID11.synthetic.exposure
N = 81 prob = 0.5704
mu = 62.82
size = 3.55
Kidney−RCC.ID11.noisy.exposure
N = 81 prob = 0.5704
neg.binom.size = 10
mu = 63.09
size = 3.03
Density
counts
N = 82 Bandwidth = 11.2
p−value = 0.79
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Liver−HCC.ID1.real.exposure
N = 317 prob = 0.9937
mu = 183.12
size = 1.58
Liver−HCC.ID1.synthetic.exposure
N = 317 prob = 0.9937
mu = 182.44
size = 1.62
Liver−HCC.ID1.noisy.exposure
N = 317 prob = 0.9937
neg.binom.size = 10
mu = 177.41
size = 1.6
N = 317 Bandwidth = 18.89
p−value = 0.686
p−value = 0.079

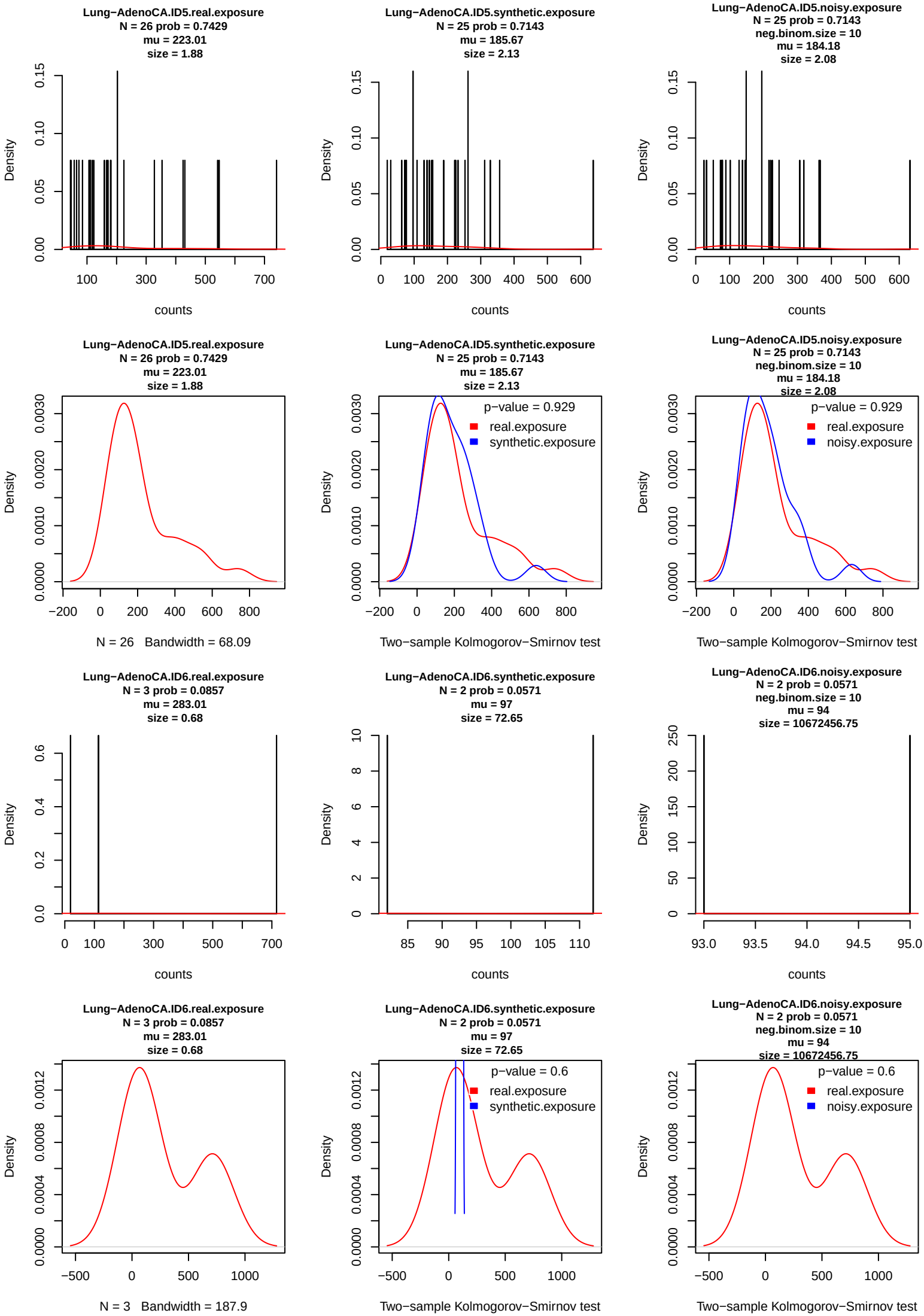

Liver−HCC.ID2.real.exposure
N = 120 prob = 0.3762
mu = 279.45
size = 0.32
Liver−HCC.ID2.synthetic.exposure
N = 128 prob = 0.4013
mu = 261.01
size = 0.31
Liver−HCC.ID2.noisy.exposure
N = 127 prob = 0.3981
neg.binom.size = 10
mu = 230.23
size = 0.33
Density
counts
Liver−HCC.ID2.real.exposure
N = 120 prob = 0.3762
mu = 279.45
size = 0.32
Liver−HCC.ID2.synthetic.exposure
N = 128 prob = 0.4013
mu = 261.01
size = 0.31
Liver−HCC.ID2.noisy.exposure
N = 127 prob = 0.3981
neg.binom.size = 10
mu = 230.23
size = 0.33
p−value = 0.599
real.exposure
synthetic.exposure
p−value = 0.484
real.exposure
noisy.exposure
N = 120 Bandwidth = 6.059
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test
Liver−HCC.ID3.real.exposure
N = 291 prob = 0.9122
mu = 163.54
size = 3.45
Liver−HCC.ID3.synthetic.exposure
N = 290 prob = 0.9091
mu = 169.97
size = 3.32
Liver−HCC.ID3.noisy.exposure
N = 290 prob = 0.9091
neg.binom.size = 10
mu = 171.9
size = 3.05
Liver−HCC.ID3.real.exposure
N = 291 prob = 0.9122
mu = 163.54
size = 3.45
Liver−HCC.ID3.synthetic.exposure
N = 290 prob = 0.9091
mu = 169.97
size = 3.32
Liver−HCC.ID3.noisy.exposure
N = 290 prob = 0.9091
neg.binom.size = 10
mu = 171.9
size = 3.05
p−value = 0.91
real.exposure
synthetic.exposure
p−value = 0.87
real.exposure
noisy.exposure
N = 291 Bandwidth = 23.54
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test

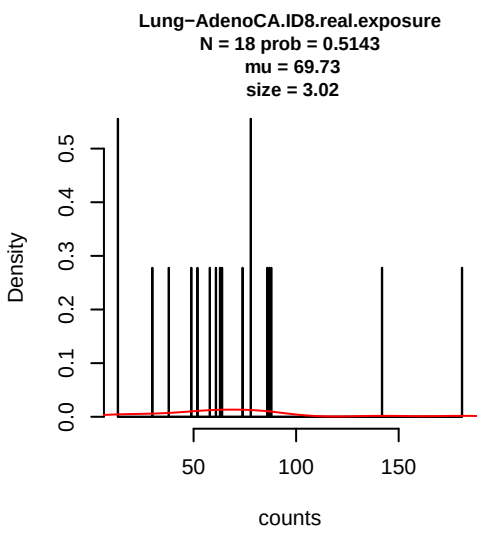

Liver−HCC.ID5.real.exposure
N = 311 prob = 0.9749
mu = 199.04
size = 5.11
Liver−HCC.ID5.synthetic.exposure
N = 311 prob = 0.9749
mu = 197.52
size = 5.23
Liver−HCC.ID5.noisy.exposure
N = 311 prob = 0.9749
neg.binom.size = 10
mu = 196.16
size = 5.09
Density
counts
N = 311 Bandwidth = 23.97
p−value = 0.805
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Liver−HCC.ID6.real.exposure
N = 19 prob = 0.0596
mu = 104.15
size = 1.41
Liver−HCC.ID6.synthetic.exposure
N = 22 prob = 0.069
mu = 80.72
size = 2.92
Liver−HCC.ID6.noisy.exposure
N = 22 prob = 0.069
neg.binom.size = 10
mu = 79.28
size = 2.73
N = 19 Bandwidth = 17.15
p−value = 0.961

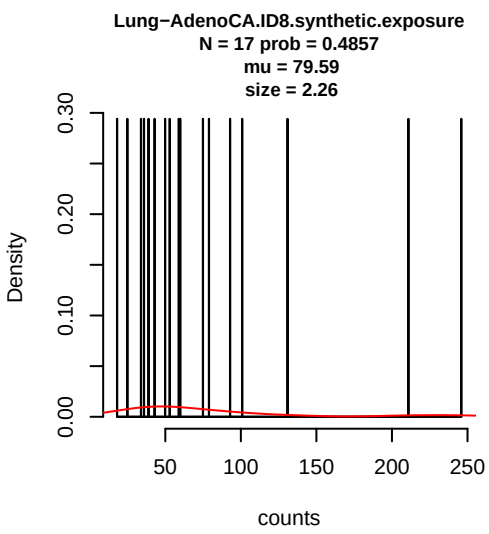

Liver−HCC.ID8.real.exposure
N = 286 prob = 0.8966
mu = 103.35
size = 3.04
Liver−HCC.ID8.synthetic.exposure
N = 288 prob = 0.9028
mu = 112.84
size = 3.11
Liver−HCC.ID8.noisy.exposure
N = 288 prob = 0.9028
neg.binom.size = 10
mu = 111.48
size = 2.97
Density
counts
N = 286 Bandwidth = 13
p−value = 0.008
real.exposure
synthetic.exposure
p−value = 0.034
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Liver−HCC.ID9.real.exposure
N = 37 prob = 0.116
mu = 53.71
size = 4.05
Liver−HCC.ID9.synthetic.exposure
N = 46 prob = 0.1442
mu = 50.53
size = 5.82
Liver−HCC.ID9.noisy.exposure
N = 46 prob = 0.1442
neg.binom.size = 10
mu = 51.56
size = 4.73
N = 37 Bandwidth = 10.11
p−value = 0.937
p−value = 0.789

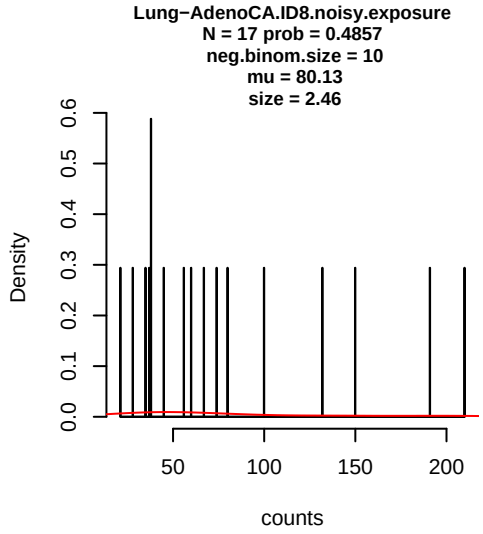

Liver−HCC.ID11.real.exposure
N = 40 prob = 0.1254
mu = 61.79
size = 3.25
Liver−HCC.ID11.synthetic.exposure
N = 34 prob = 0.1066
mu = 65.29
size = 2.94
Liver−HCC.ID11.noisy.exposure
N = 34 prob = 0.1066
neg.binom.size = 10
mu = 65.64
size = 3.12
Density
counts
N = 40 Bandwidth = 13.17
p−value = 0.911
real.exposure
synthetic.exposure
p−value = 0.595
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Lung−AdenoCA.ID1.real.exposure
N = 28 prob = 0.8
mu = 115.34
size = 2.55
Lung−AdenoCA.ID1.synthetic.exposure
N = 30 prob = 0.8571
mu = 107.63
size = 1.93
Lung−AdenoCA.ID1.noisy.exposure
N = 30 prob = 0.8571
neg.binom.size = 10
mu = 107.03
size = 1.69
N = 28 Bandwidth = 22.51
p−value = 0.76
p−value = 0.36

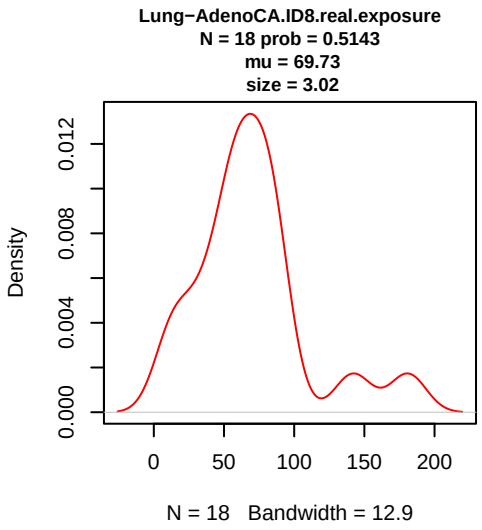

Lung−AdenoCA.ID2.real.exposure
N = 14 prob = 0.4
mu = 60.06
size = 1.1
Lung−AdenoCA.ID2.synthetic.exposure
N = 8 prob = 0.2286
mu = 83.89
size = 1.02
Lung−AdenoCA.ID2.noisy.exposure
N = 7 prob = 0.2
neg.binom.size = 10
mu = 86.01
size = 2.5
Density
counts
Lung−AdenoCA.ID2.real.exposure
N = 14 prob = 0.4
mu = 60.06
size = 1.1
N = 14 Bandwidth = 14.36
Lung−AdenoCA.ID2.synthetic.exposure
N = 8 prob = 0.2286
mu = 83.89
size = 1.02
p−value = 0.535
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
Lung−AdenoCA.ID2.noisy.exposure
N = 7 prob = 0.2
neg.binom.size = 10
mu = 86.01
size = 2.5
p−value = 0.358
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Lung−AdenoCA.ID3.real.exposure
N = 29 prob = 0.8286
mu = 1104.73
size = 0.72
Lung−AdenoCA.ID3.synthetic.exposure
N = 26 prob = 0.7429
mu = 1047.16
size = 0.78
Lung−AdenoCA.ID3.noisy.exposure
N = 26 prob = 0.7429
neg.binom.size = 10
mu = 1044.31
size = 0.82
Lung−AdenoCA.ID3.real.exposure
N = 29 prob = 0.8286
mu = 1104.73
size = 0.72
N = 29 Bandwidth = 462
Lung−AdenoCA.ID3.synthetic.exposure
N = 26 prob = 0.7429
mu = 1047.16
size = 0.78
p−value = 0.937
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
Lung−AdenoCA.ID3.noisy.exposure
N = 26 prob = 0.7429
neg.binom.size = 10
mu = 1044.31
size = 0.82
p−value = 0.795
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test

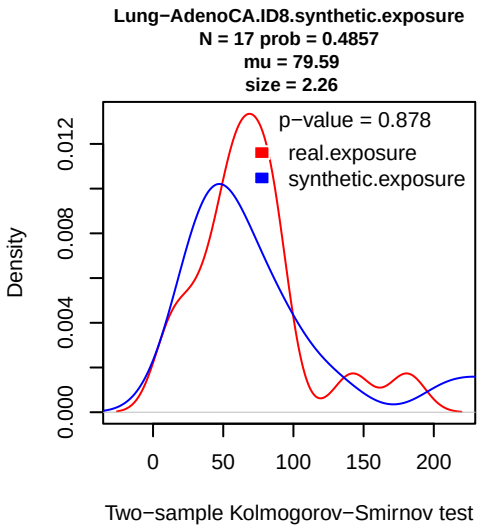

Lung−AdenoCA.ID5.real.exposure
N = 26 prob = 0.7429
mu = 223.01
size = 1.88
Lung−AdenoCA.ID5.synthetic.exposure
N = 25 prob = 0.7143
mu = 185.67
size = 2.13
Lung−AdenoCA.ID5.noisy.exposure
N = 25 prob = 0.7143
neg.binom.size = 10
mu = 184.18
size = 2.08
Density
counts
N = 26 Bandwidth = 68.09
p−value = 0.929
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Lung−AdenoCA.ID6.real.exposure
N = 3 prob = 0.0857
mu = 283.01
size = 0.68
Lung−AdenoCA.ID6.synthetic.exposure
N = 2 prob = 0.0571
mu = 97
size = 72.65
Lung−AdenoCA.ID6.noisy.exposure
N = 2 prob = 0.0571
neg.binom.size = 10
mu = 94
size = 10672456.75
N = 3 Bandwidth = 187.9
p−value = 0.6

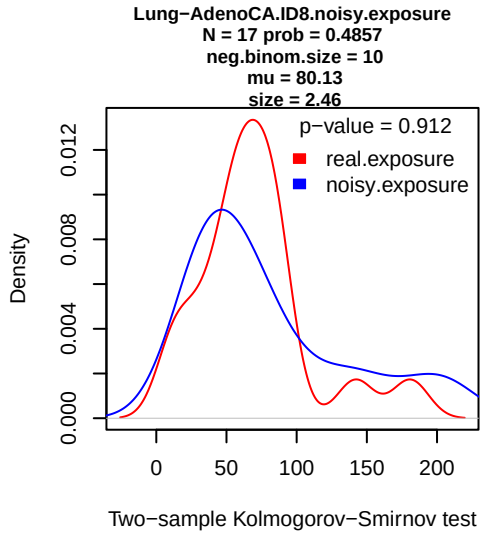

Lung−AdenoCA.ID8.real.exposure
N = 18 prob = 0.5143
mu = 69.73
size = 3.02
Density
counts

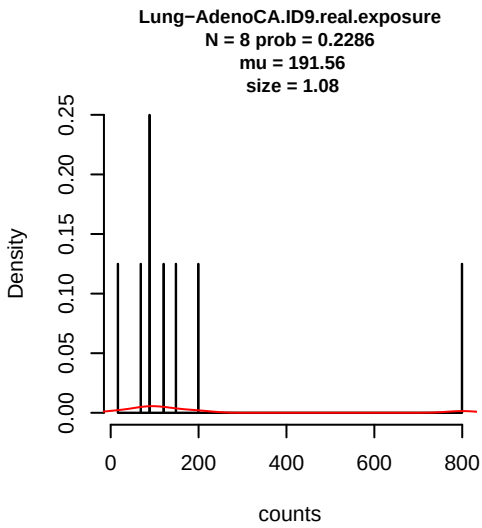

Lung−AdenoCA.ID8.synthetic.exposure
N = 17 prob = 0.4857
mu = 79.59
size = 2.26
Density
counts

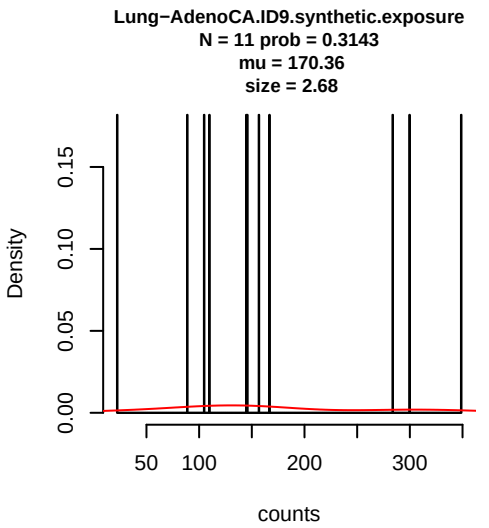

Lung−AdenoCA.ID8.noisy.exposure
N = 17 prob = 0.4857
neg.binom.size = 10
mu = 80.13
size = 2.46
Density
counts

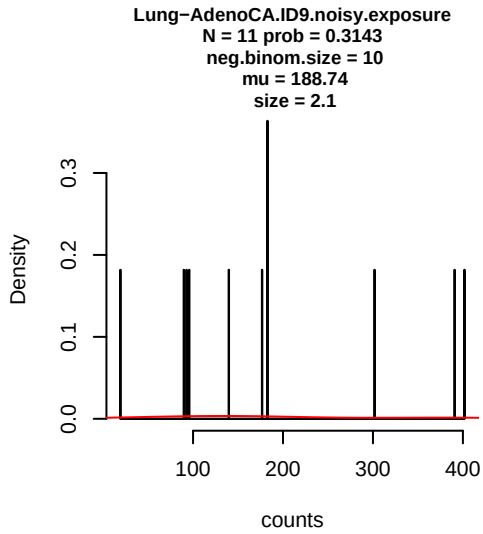

Lung−AdenoCA.ID8.real.exposure
N = 18 prob = 0.5143
mu = 69.73
size = 3.02
Density
N = 18 Bandwidth = 12.9

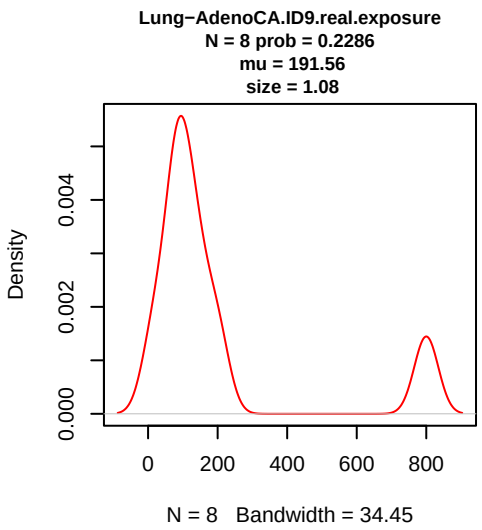

Lung−AdenoCA.ID8.synthetic.exposure
N = 17 prob = 0.4857
mu = 79.59
size = 2.26
p−value = 0.878
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

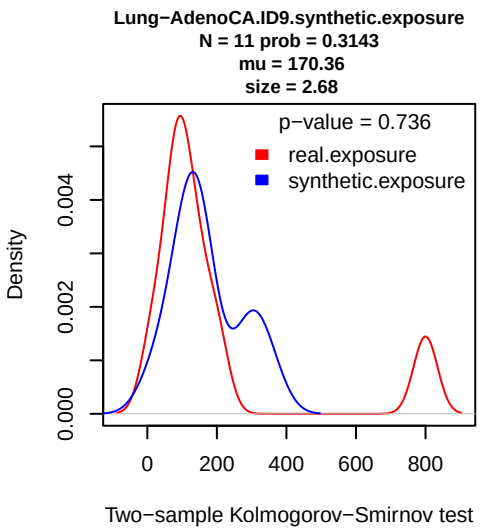

Lung−AdenoCA.ID8.noisy.exposure
N = 17 prob = 0.4857
neg.binom.size = 10
mu = 80.13
size = 2.46
p−value = 0.912
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

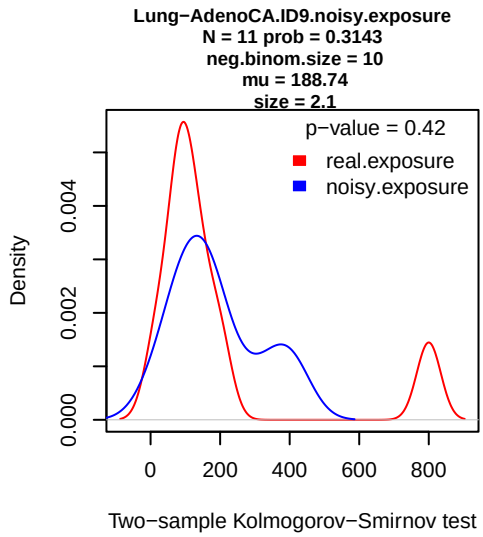

Lung−AdenoCA.ID9.real.exposure
N = 8 prob = 0.2286
mu = 191.56
size = 1.08
Density
counts

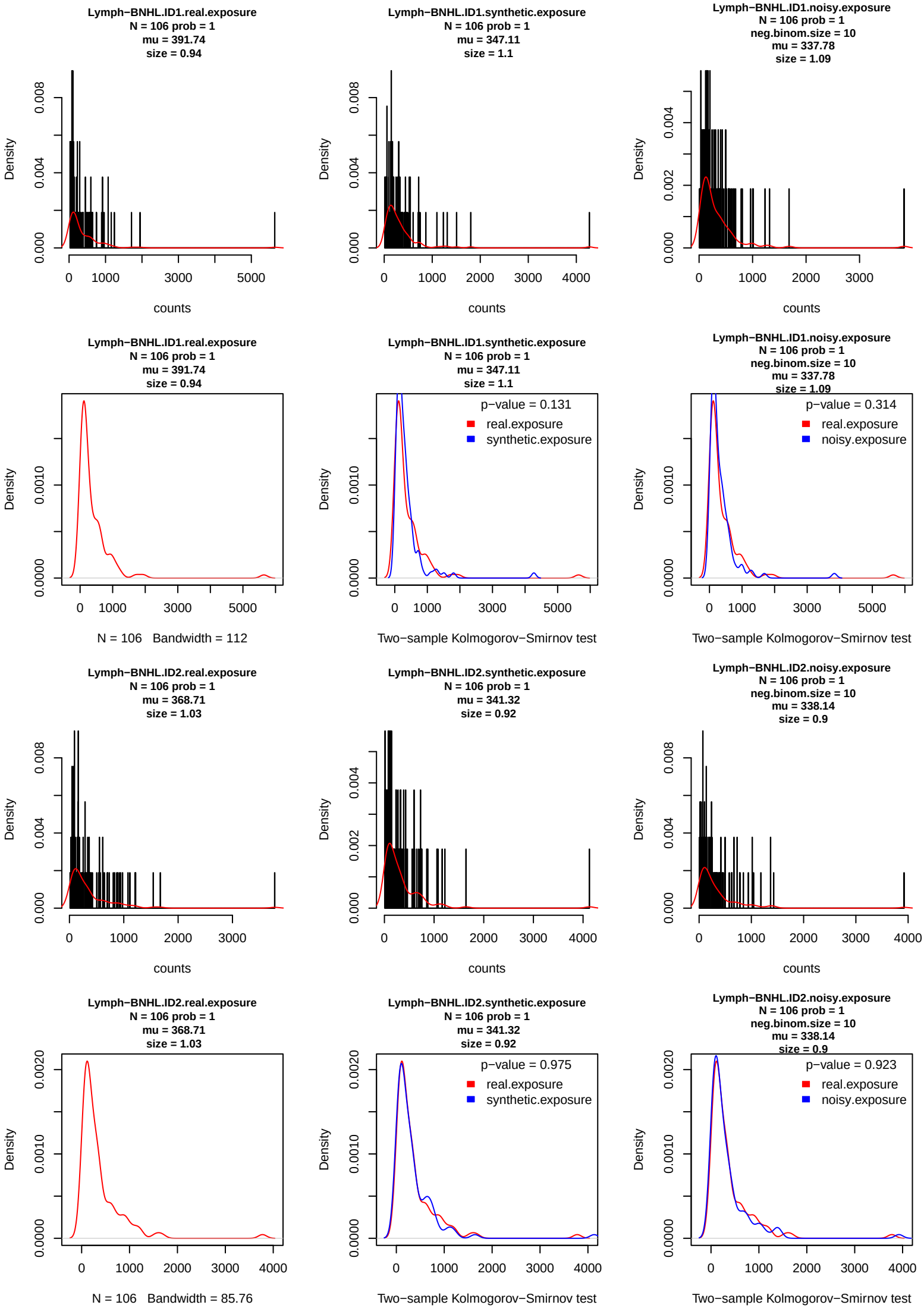

Lung−AdenoCA.ID9.synthetic.exposure
N = 11 prob = 0.3143
mu = 170.36
size = 2.68
Density
counts

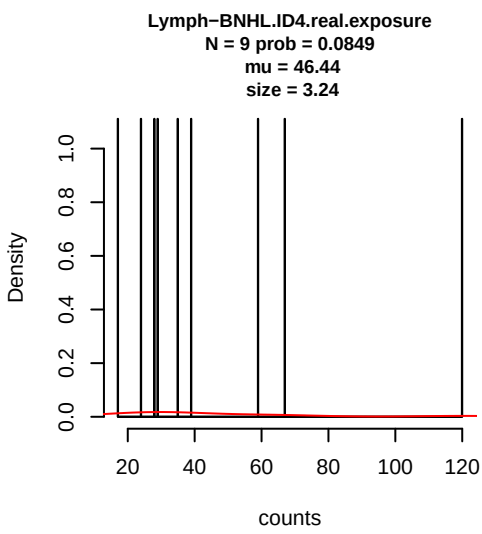

Lung−AdenoCA.ID9.noisy.exposure
N = 11 prob = 0.3143
neg.binom.size = 10
mu = 188.74
size = 2.1
Density
counts

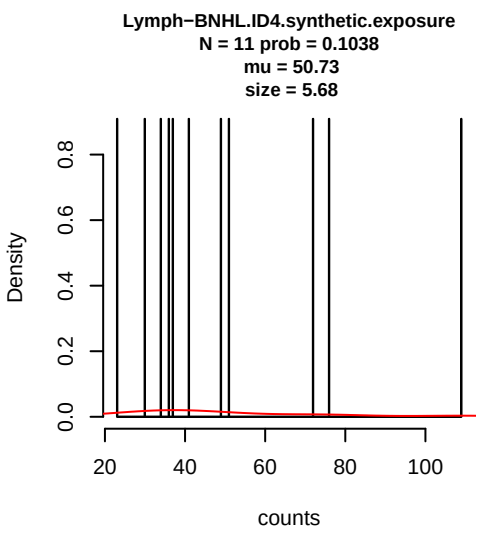

Lung−AdenoCA.ID9.real.exposure
N = 8 prob = 0.2286
mu = 191.56
size = 1.08
Density
N = 8 Bandwidth = 34.45

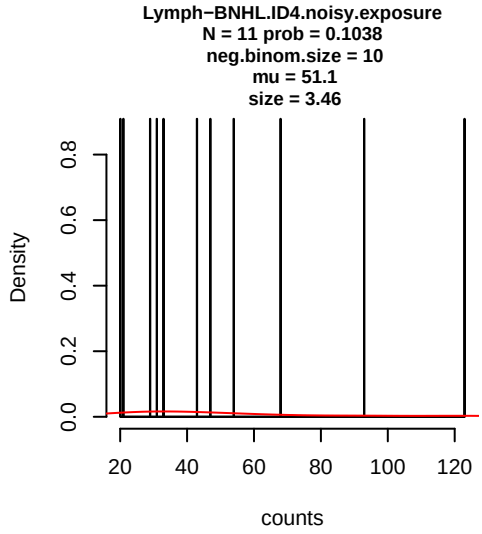

Lung−AdenoCA.ID9.synthetic.exposure
N = 11 prob = 0.3143
mu = 170.36
size = 2.68
p−value = 0.736
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

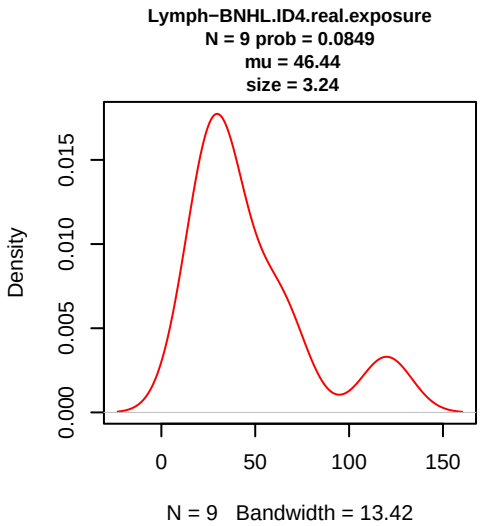

Lung−AdenoCA.ID9.noisy.exposure
N = 11 prob = 0.3143
neg.binom.size = 10
mu = 188.74
size = 2.1
p−value = 0.42
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

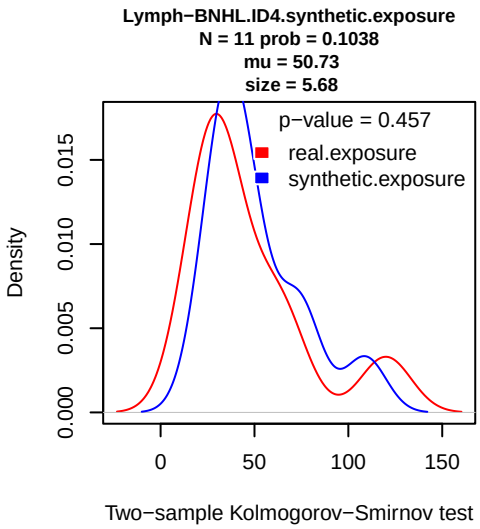

Lymph−BNHL.ID1.real.exposure
N = 106 prob = 1
mu = 391.74
size = 0.94
Lymph−BNHL.ID1.synthetic.exposure
N = 106 prob = 1
mu = 347.11
size = 1.1
Lymph−BNHL.ID1.noisy.exposure
N = 106 prob = 1
neg.binom.size = 10
mu = 337.78
size = 1.09
Density
counts
Lymph−BNHL.ID1.real.exposure
N = 106 prob = 1
mu = 391.74
size = 0.94
Lymph−BNHL.ID1.synthetic.exposure
N = 106 prob = 1
mu = 347.11
size = 1.1
Lymph−BNHL.ID1.noisy.exposure
N = 106 prob = 1
neg.binom.size = 10
mu = 337.78
size = 1.09
p−value = 0.131
real.exposure
synthetic.exposure
p−value = 0.314
real.exposure
noisy.exposure
N = 106 Bandwidth = 112
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test
Lymph−BNHL.ID2.real.exposure
N = 106 prob = 1
mu = 368.71
size = 1.03
Lymph−BNHL.ID2.synthetic.exposure
N = 106 prob = 1
mu = 341.32
size = 0.92
Lymph−BNHL.ID2.noisy.exposure
N = 106 prob = 1
neg.binom.size = 10
mu = 338.14
size = 0.9
Lymph−BNHL.ID2.real.exposure
N = 106 prob = 1
mu = 368.71
size = 1.03
Lymph−BNHL.ID2.synthetic.exposure
N = 106 prob = 1
mu = 341.32
size = 0.92
Lymph−BNHL.ID2.noisy.exposure
N = 106 prob = 1
neg.binom.size = 10
mu = 338.14
size = 0.9
p−value = 0.975
real.exposure
synthetic.exposure
p−value = 0.923
real.exposure
noisy.exposure
N = 106 Bandwidth = 85.76
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test

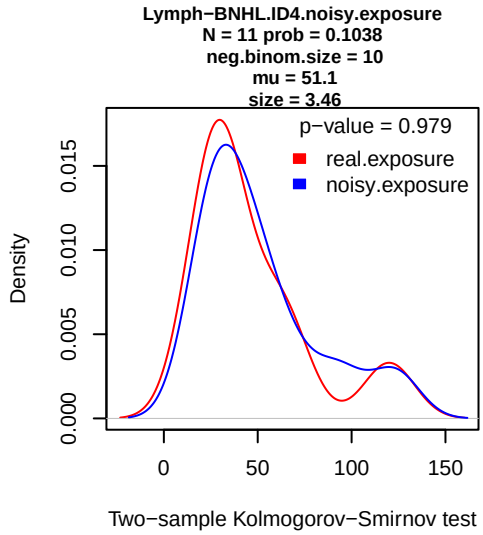

Lymph−BNHL.ID4.real.exposure
N = 9 prob = 0.0849
mu = 46.44
size = 3.24
Density
counts

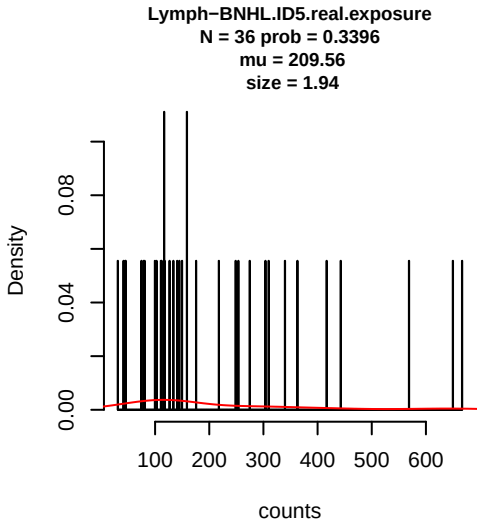

Lymph−BNHL.ID4.synthetic.exposure
N = 11 prob = 0.1038
mu = 50.73
size = 5.68
Density
counts

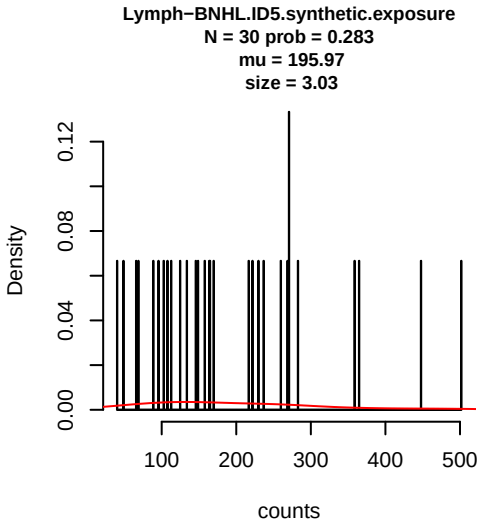

Lymph−BNHL.ID4.noisy.exposure
N = 11 prob = 0.1038
neg.binom.size = 10
mu = 51.1
size = 3.46
Density
counts

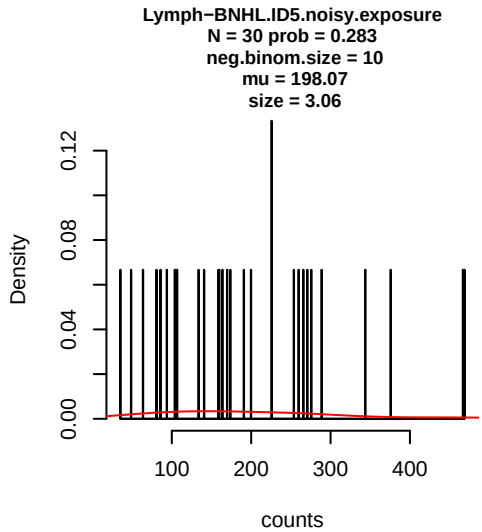

Lymph−BNHL.ID4.real.exposure
N = 9 prob = 0.0849
mu = 46.44
size = 3.24
Density
N = 9 Bandwidth = 13.42

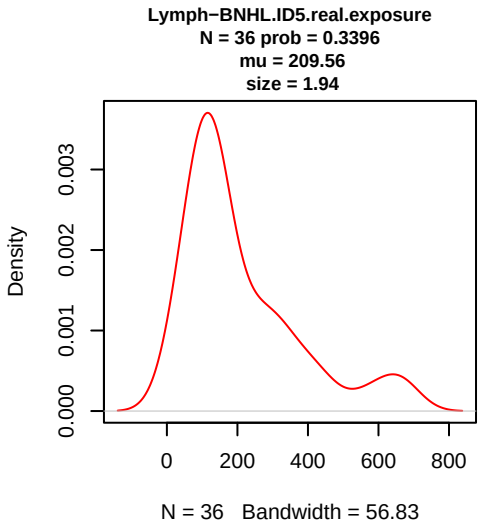

Lymph−BNHL.ID4.synthetic.exposure
N = 11 prob = 0.1038
mu = 50.73
size = 5.68
p−value = 0.457
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

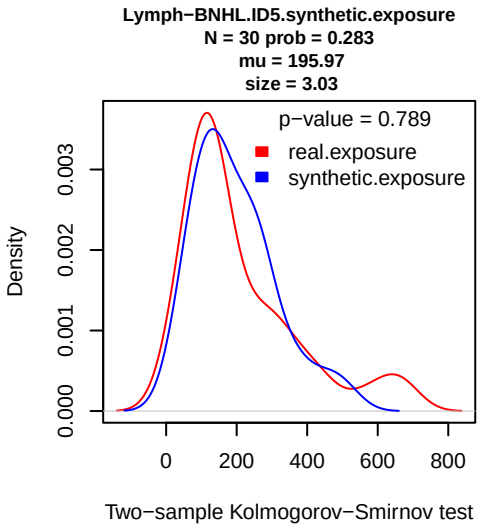

Lymph−BNHL.ID4.noisy.exposure
N = 11 prob = 0.1038
neg.binom.size = 10
mu = 51.1
size = 3.46
p−value = 0.979
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

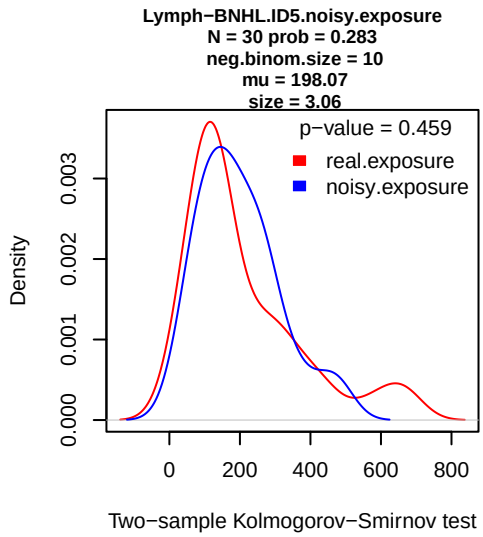

Lymph−BNHL.ID5.real.exposure
N = 36 prob = 0.3396
mu = 209.56
size = 1.94
Density
counts

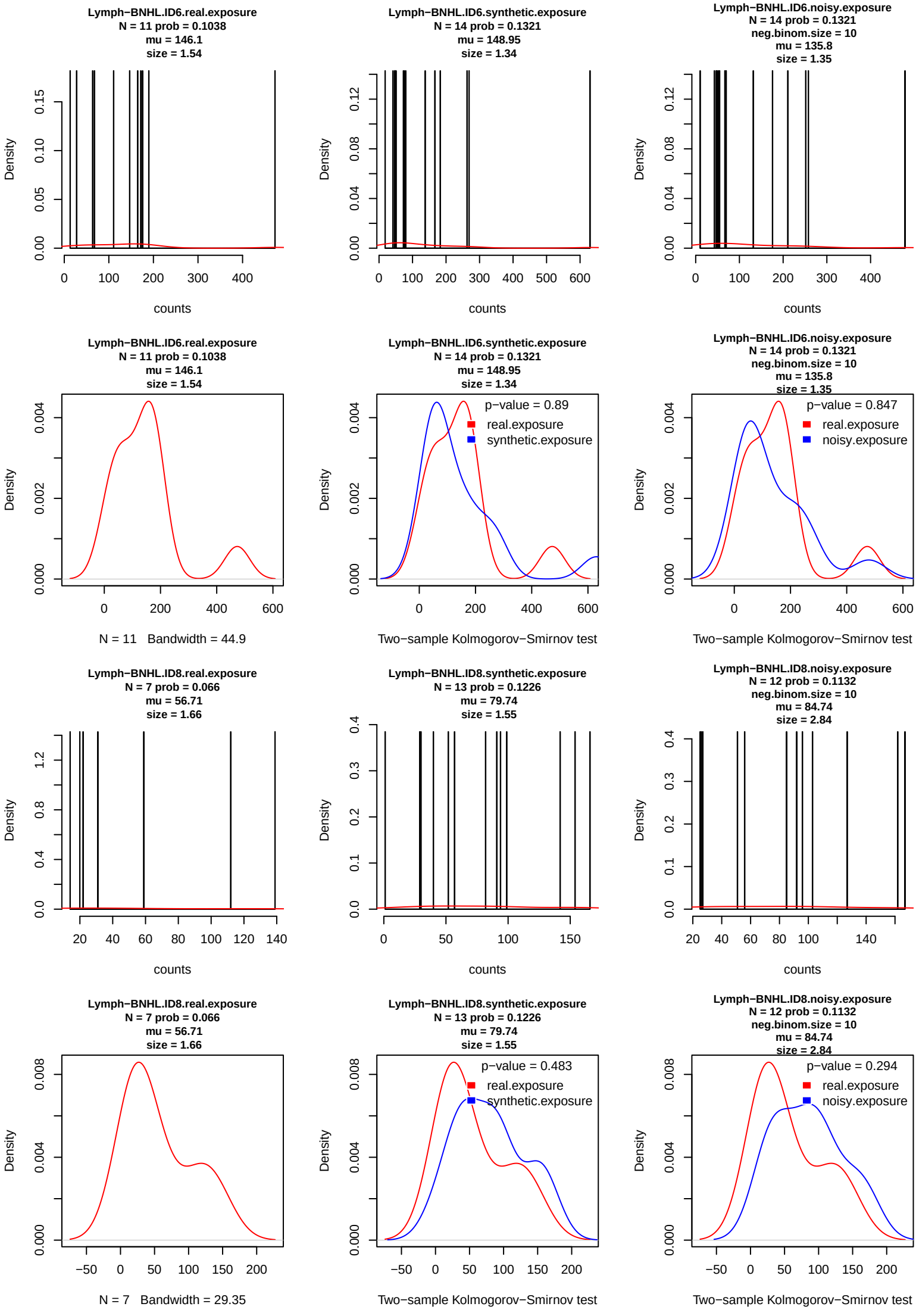

Lymph−BNHL.ID5.synthetic.exposure
N = 30 prob = 0.283
mu = 195.97
size = 3.03
Density
counts

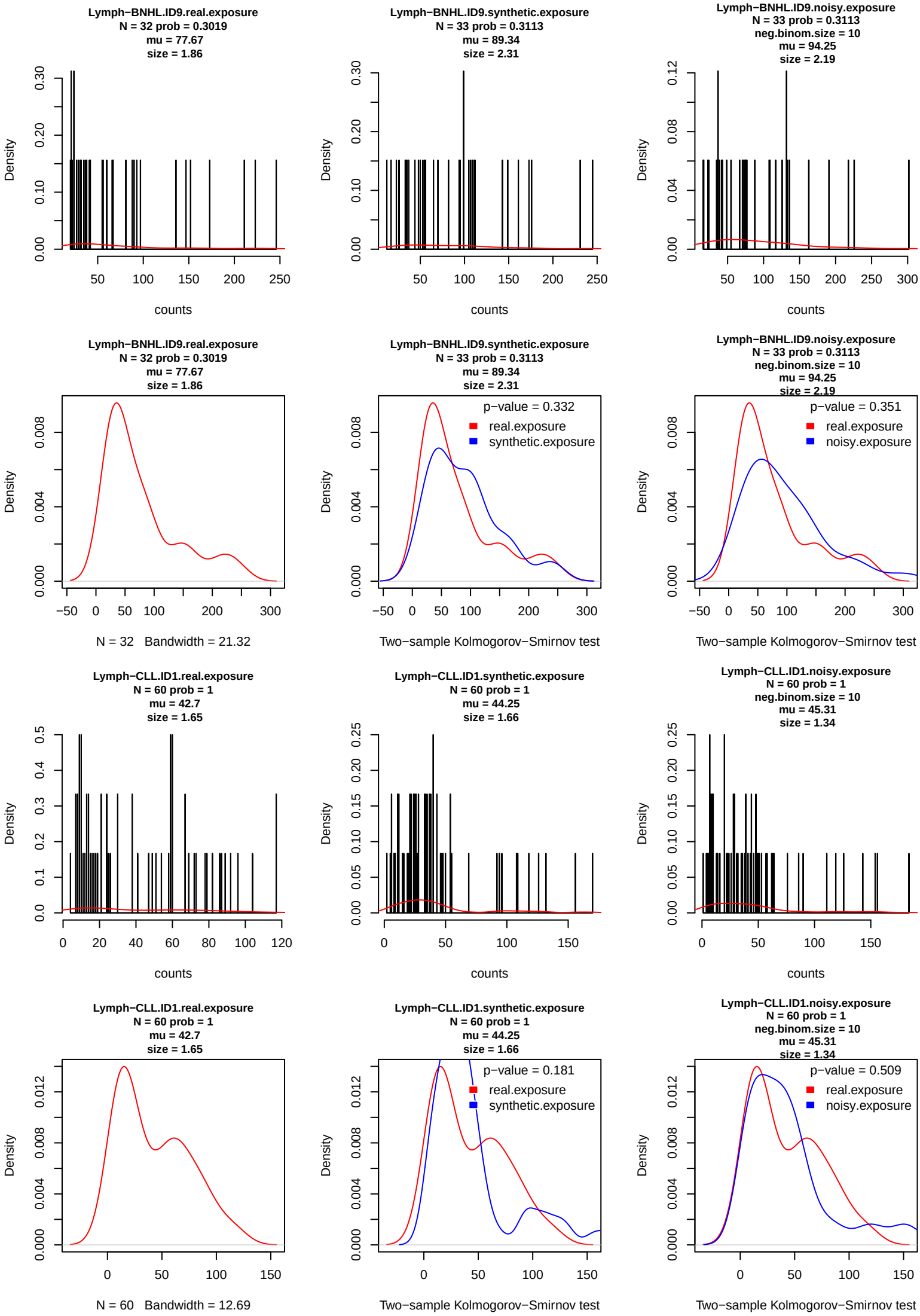

Lymph−BNHL.ID5.noisy.exposure
N = 30 prob = 0.283
neg.binom.size = 10
mu = 198.07
size = 3.06
Density
counts

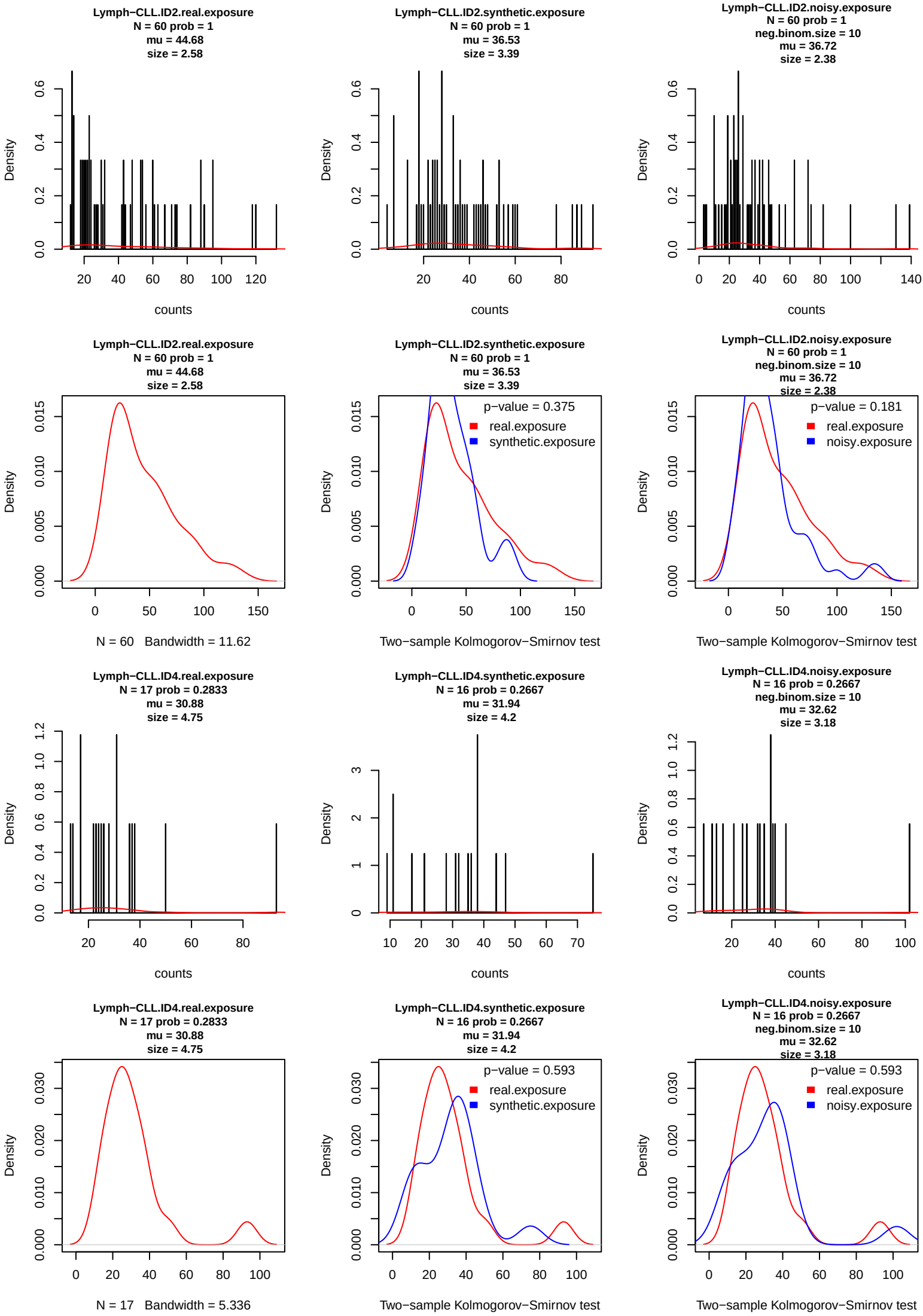

Lymph−BNHL.ID5.real.exposure
N = 36 prob = 0.3396
mu = 209.56
size = 1.94
Density
N = 36 Bandwidth = 56.83

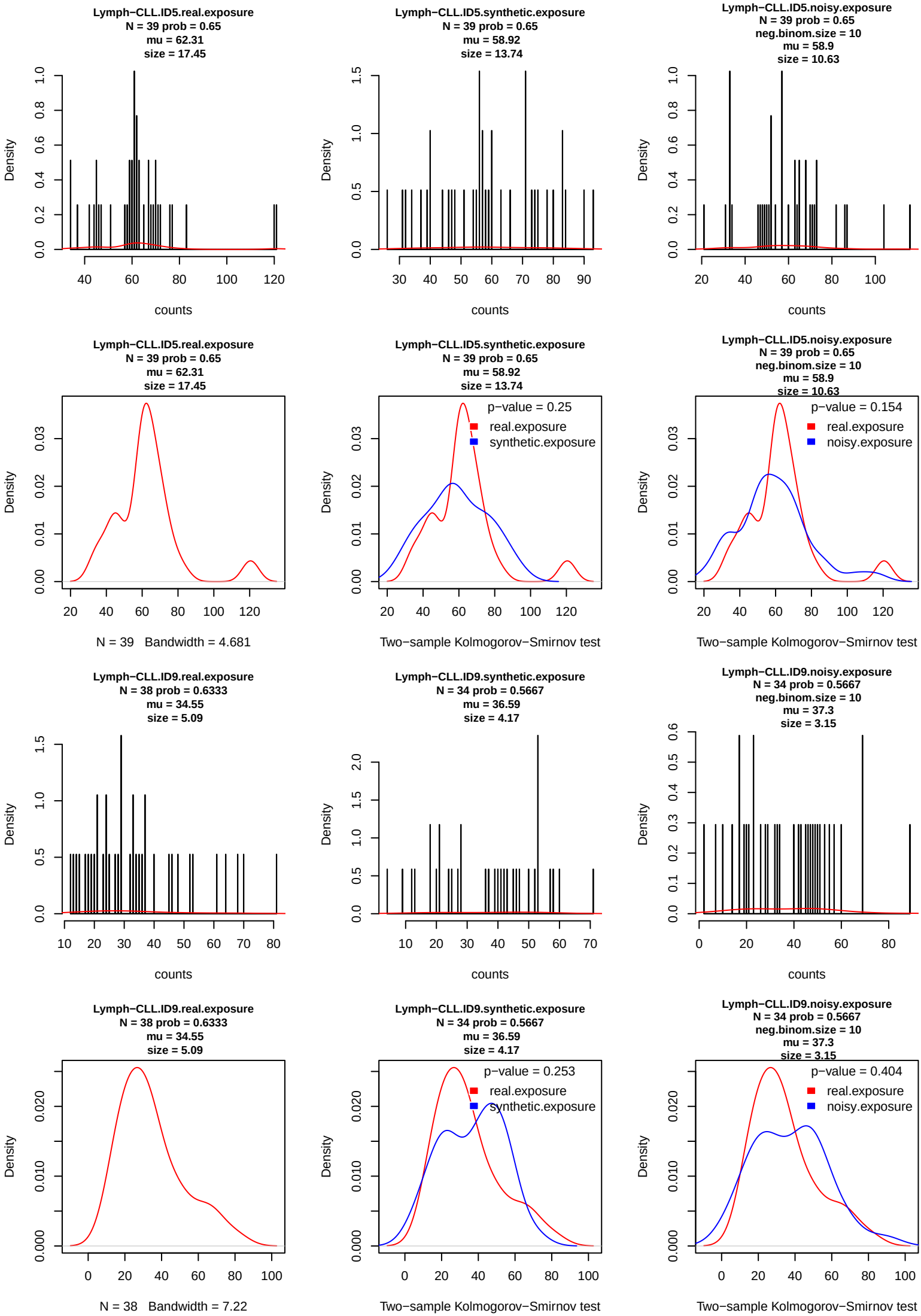

Lymph−BNHL.ID5.synthetic.exposure
N = 30 prob = 0.283
mu = 195.97
size = 3.03
p−value = 0.789
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

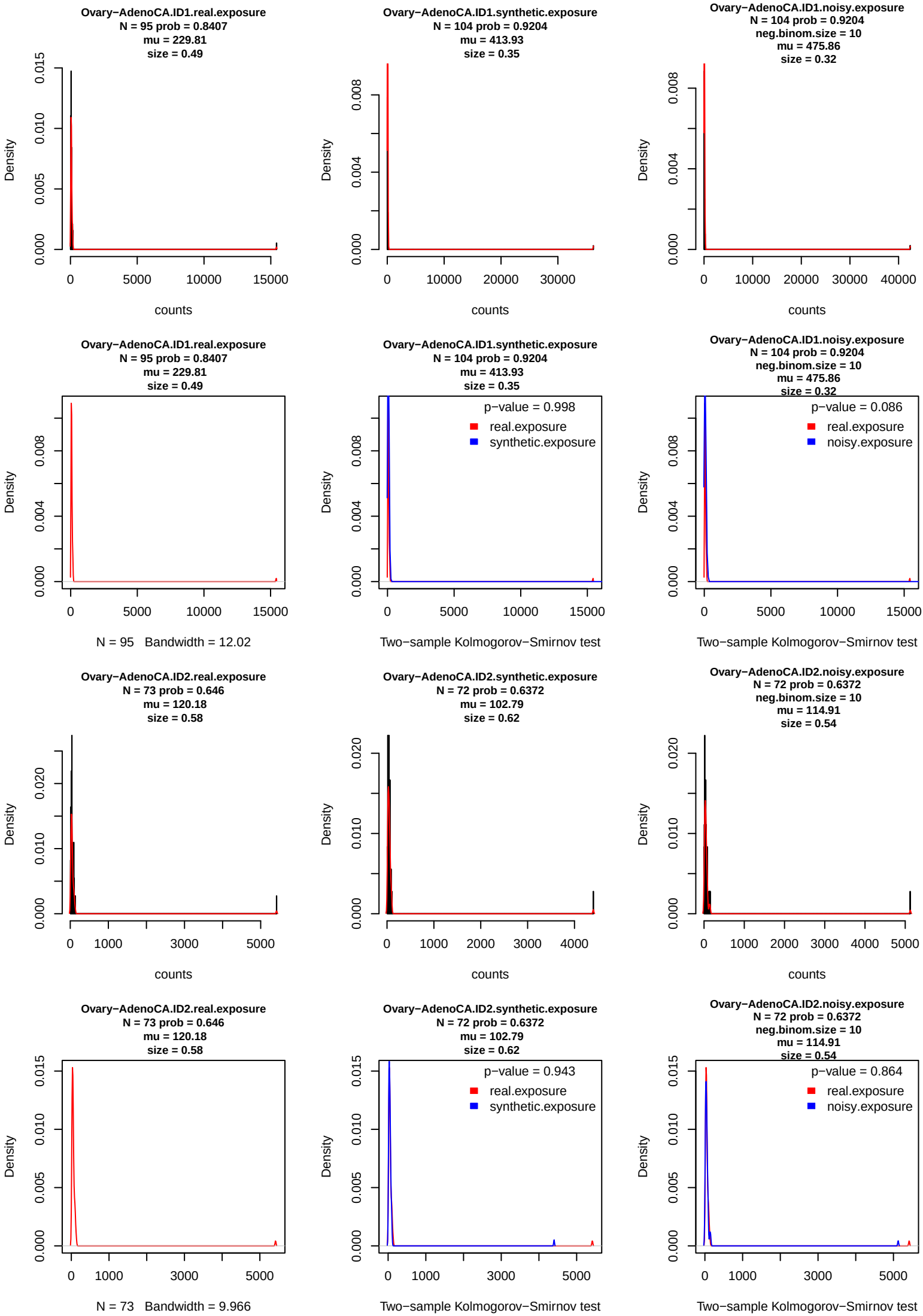

Lymph−BNHL.ID5.noisy.exposure
N = 30 prob = 0.283
neg.binom.size = 10
mu = 198.07
size = 3.06
p−value = 0.459
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

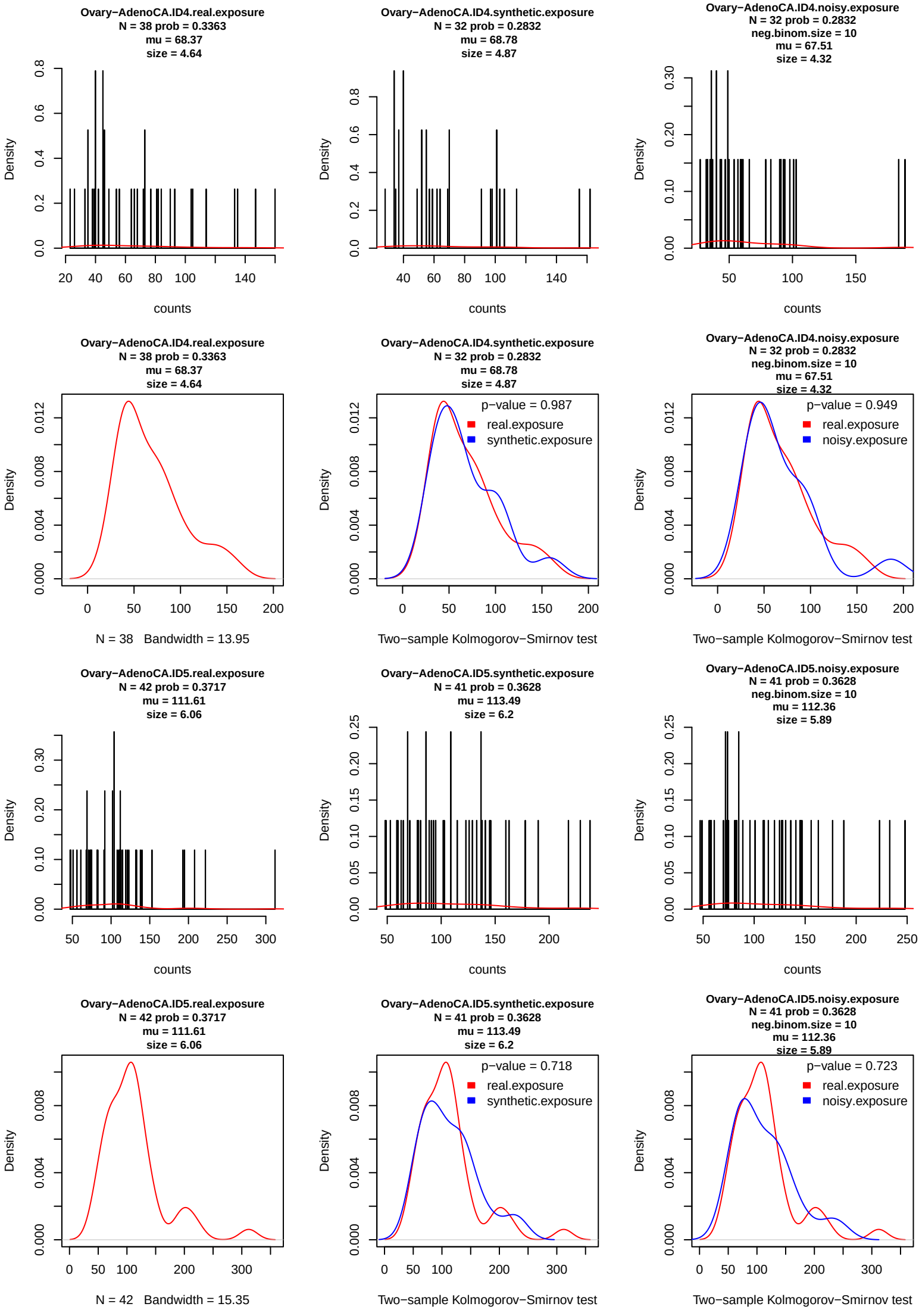

Lymph−BNHL.ID6.real.exposure
N = 11 prob = 0.1038
mu = 146.1
size = 1.54
Lymph−BNHL.ID6.synthetic.exposure
N = 14 prob = 0.1321
mu = 148.95
size = 1.34
Lymph−BNHL.ID6.noisy.exposure
N = 14 prob = 0.1321
neg.binom.size = 10
mu = 135.8
size = 1.35
Density
counts
N = 11 Bandwidth = 44.9
p−value = 0.89
real.exposure
synthetic.exposure
p−value = 0.847
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Lymph−BNHL.ID8.real.exposure
N = 7 prob = 0.066
mu = 56.71
size = 1.66
Lymph−BNHL.ID8.synthetic.exposure
N = 13 prob = 0.1226
mu = 79.74
size = 1.55
Lymph−BNHL.ID8.noisy.exposure
N = 12 prob = 0.1132
neg.binom.size = 10
mu = 84.74
size = 2.84
N = 7 Bandwidth = 29.35
p−value = 0.483
p−value = 0.294

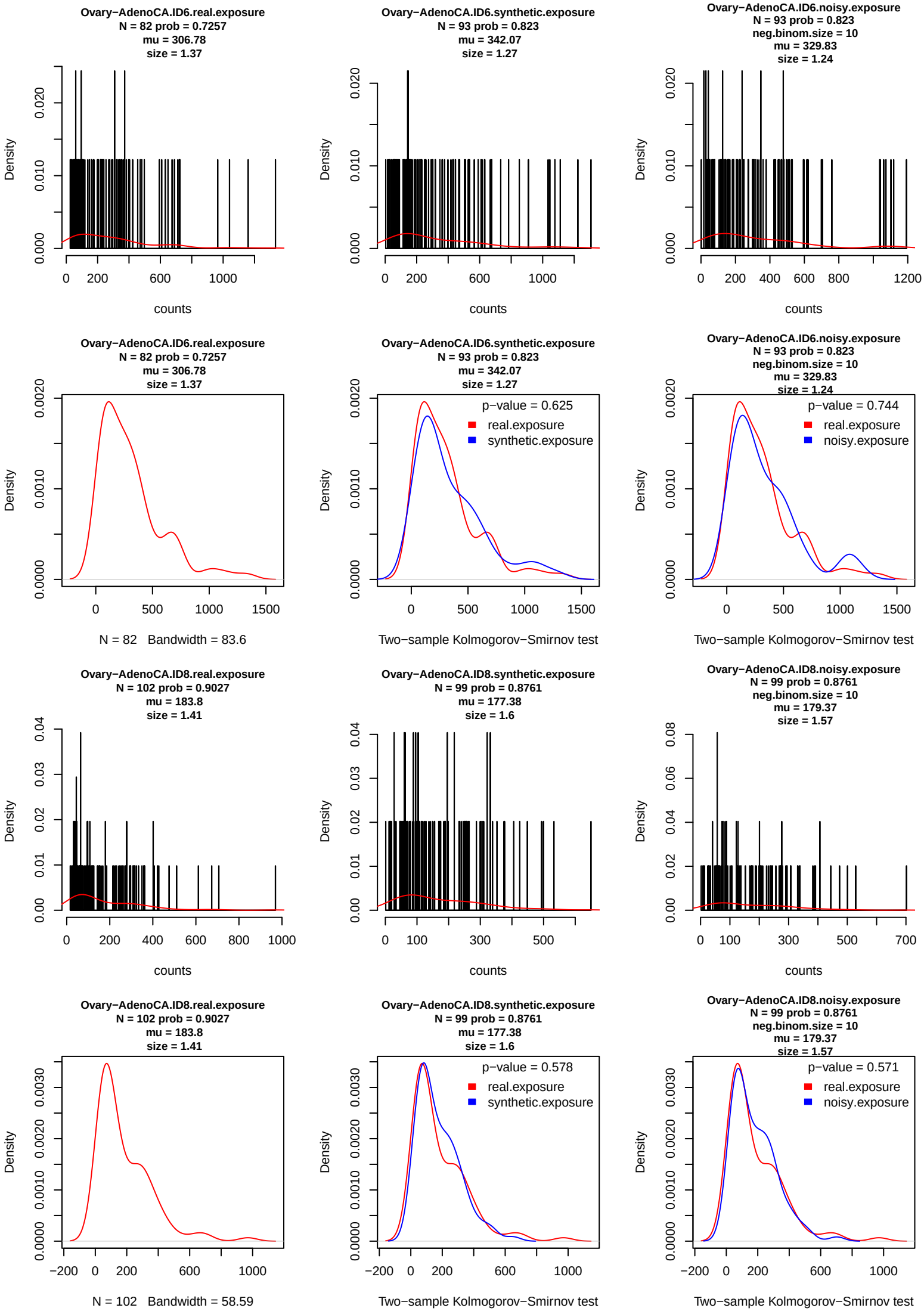

Lymph−BNHL.ID9.real.exposure
N = 32 prob = 0.3019
mu = 77.67
size = 1.86
Lymph−BNHL.ID9.synthetic.exposure
N = 33 prob = 0.3113
mu = 89.34
size = 2.31
Lymph−BNHL.ID9.noisy.exposure
N = 33 prob = 0.3113
neg.binom.size = 10
mu = 94.25
size = 2.19
Density
counts
Lymph−BNHL.ID9.real.exposure
N = 32 prob = 0.3019
mu = 77.67
size = 1.86
N = 32 Bandwidth = 21.32
Lymph−BNHL.ID9.synthetic.exposure
N = 33 prob = 0.3113
mu = 89.34
size = 2.31
p−value = 0.332
real.exposure
synthetic.exposure
Lymph−BNHL.ID9.noisy.exposure
N = 33 prob = 0.3113
neg.binom.size = 10
mu = 94.25
size = 2.19
p−value = 0.351
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Lymph−CLL.ID1.real.exposure
N = 60 prob = 1
mu = 42.7
size = 1.65
Lymph−CLL.ID1.synthetic.exposure
N = 60 prob = 1
mu = 44.25
size = 1.66
Lymph−CLL.ID1.noisy.exposure
N = 60 prob = 1
neg.binom.size = 10
mu = 45.31
size = 1.34
Lymph−CLL.ID1.real.exposure
N = 60 prob = 1
mu = 42.7
size = 1.65
N = 60 Bandwidth = 12.69
Lymph−CLL.ID1.synthetic.exposure
N = 60 prob = 1
mu = 44.25
size = 1.66
p−value = 0.181
real.exposure
synthetic.exposure
Lymph−CLL.ID1.noisy.exposure
N = 60 prob = 1
neg.binom.size = 10
mu = 45.31
size = 1.34
p−value = 0.509
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test

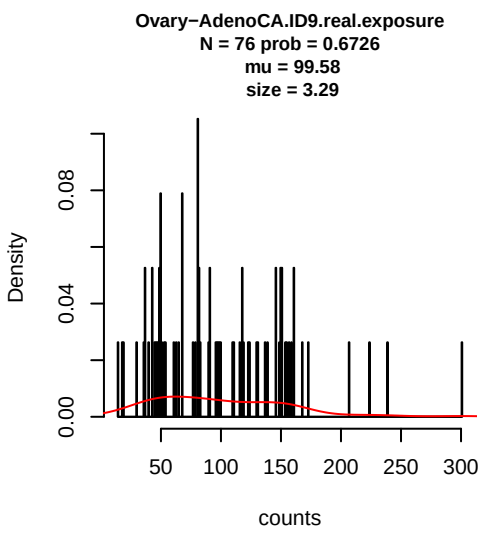

Lymph−CLL.ID2.real.exposure
N = 60 prob = 1
mu = 44.68
size = 2.58
Lymph−CLL.ID2.synthetic.exposure
N = 60 prob = 1
mu = 36.53
size = 3.39
Lymph−CLL.ID2.noisy.exposure
N = 60 prob = 1
neg.binom.size = 10
mu = 36.72
size = 2.38
Density
counts
N = 60 Bandwidth = 11.62
p−value = 0.375
real.exposure
synthetic.exposure
p−value = 0.181
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Lymph−CLL.ID4.real.exposure
N = 17 prob = 0.2833
mu = 30.88
size = 4.75
Lymph−CLL.ID4.synthetic.exposure
N = 16 prob = 0.2667
mu = 31.94
size = 4.2
Lymph−CLL.ID4.noisy.exposure
N = 16 prob = 0.2667
neg.binom.size = 10
mu = 32.62
size = 3.18
N = 17 Bandwidth = 5.336
p−value = 0.593

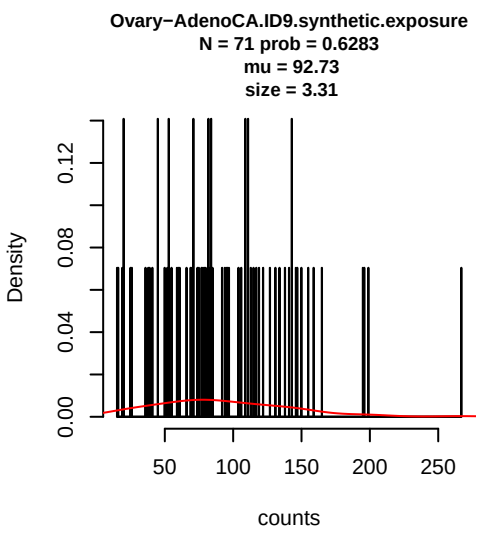

Lymph−CLL.ID5.real.exposure
N = 39 prob = 0.65
mu = 62.31
size = 17.45
Lymph−CLL.ID5.synthetic.exposure
N = 39 prob = 0.65
mu = 58.92
size = 13.74
Lymph−CLL.ID5.noisy.exposure
N = 39 prob = 0.65
neg.binom.size = 10
mu = 58.9
size = 10.63
Density
counts
Lymph−CLL.ID5.real.exposure
N = 39 prob = 0.65
mu = 62.31
size = 17.45
Lymph−CLL.ID5.synthetic.exposure
N = 39 prob = 0.65
mu = 58.92
size = 13.74
p−value = 0.25
real.exposure
synthetic.exposure
Lymph−CLL.ID5.noisy.exposure
N = 39 prob = 0.65
neg.binom.size = 10
mu = 58.9
size = 10.63
p−value = 0.154
real.exposure
noisy.exposure
N = 39 Bandwidth = 4.681
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test
Lymph−CLL.ID9.real.exposure
N = 38 prob = 0.6333
mu = 34.55
size = 5.09
Lymph−CLL.ID9.synthetic.exposure
N = 34 prob = 0.5667
mu = 36.59
size = 4.17
Lymph−CLL.ID9.noisy.exposure
N = 34 prob = 0.5667
neg.binom.size = 10
mu = 37.3
size = 3.15
Lymph−CLL.ID9.real.exposure
N = 38 prob = 0.6333
mu = 34.55
size = 5.09
Lymph−CLL.ID9.synthetic.exposure
N = 34 prob = 0.5667
mu = 36.59
size = 4.17
p−value = 0.253
real.exposure
synthetic.exposure
Lymph−CLL.ID9.noisy.exposure
N = 34 prob = 0.5667
neg.binom.size = 10
mu = 37.3
size = 3.15
p−value = 0.404
real.exposure
noisy.exposure
N = 38 Bandwidth = 7.22
Two−sample Kolmogorov−Smirnov test
Two−sample Kolmogorov−Smirnov test

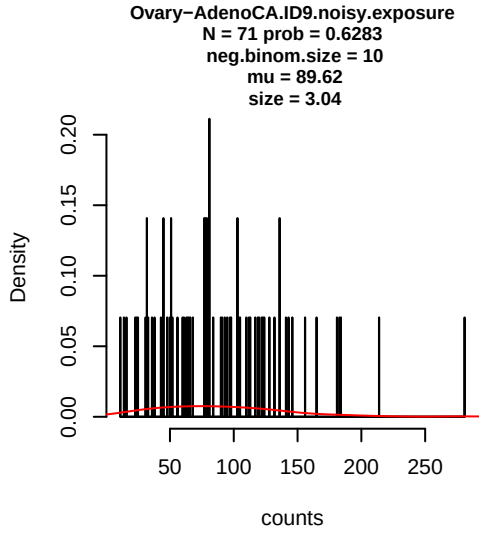

Ovary−AdenoCA.ID1.real.exposure
N = 95 prob = 0.8407
mu = 229.81
size = 0.49
Ovary−AdenoCA.ID1.synthetic.exposure
N = 104 prob = 0.9204
mu = 413.93
size = 0.35
Ovary−AdenoCA.ID1.noisy.exposure
N = 104 prob = 0.9204
neg.binom.size = 10
mu = 475.86
size = 0.32
Density
counts
N = 95 Bandwidth = 12.02
p−value = 0.998
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
p−value = 0.086
real.exposure
noisy.exposure
Ovary−AdenoCA.ID2.real.exposure
N = 73 prob = 0.646
mu = 120.18
size = 0.58
Ovary−AdenoCA.ID2.synthetic.exposure
N = 72 prob = 0.6372
mu = 102.79
size = 0.62
Ovary−AdenoCA.ID2.noisy.exposure
N = 72 prob = 0.6372
neg.binom.size = 10
mu = 114.91
size = 0.54
N = 73 Bandwidth = 9.966
p−value = 0.943
p−value = 0.864

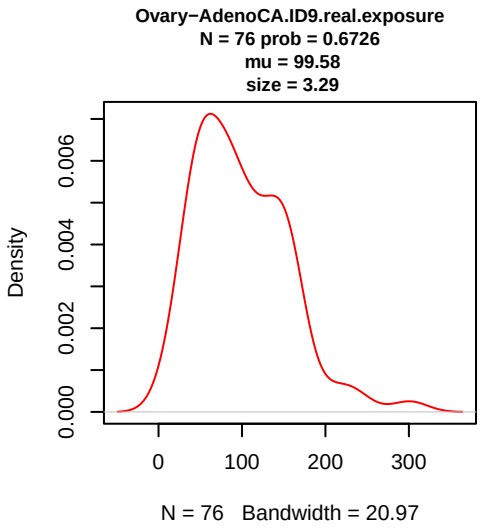

Ovary−AdenoCA.ID4.real.exposure
N = 38 prob = 0.3363
mu = 68.37
size = 4.64
Ovary−AdenoCA.ID4.synthetic.exposure
N = 32 prob = 0.2832
mu = 68.78
size = 4.87
Ovary−AdenoCA.ID4.noisy.exposure
N = 32 prob = 0.2832
neg.binom.size = 10
mu = 67.51
size = 4.32
Density
counts
N = 38 Bandwidth = 13.95
p−value = 0.987
real.exposure
synthetic.exposure
p−value = 0.949
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Ovary−AdenoCA.ID5.real.exposure
N = 42 prob = 0.3717
mu = 111.61
size = 6.06
Ovary−AdenoCA.ID5.synthetic.exposure
N = 41 prob = 0.3628
mu = 113.49
size = 6.2
Ovary−AdenoCA.ID5.noisy.exposure
N = 41 prob = 0.3628
neg.binom.size = 10
mu = 112.36
size = 5.89
N = 42 Bandwidth = 15.35
p−value = 0.718
p−value = 0.723

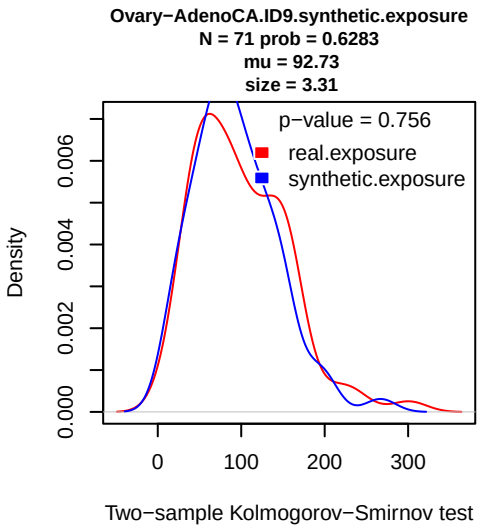

Ovary−AdenoCA.ID6.real.exposure
N = 82 prob = 0.7257
mu = 306.78
size = 1.37
Ovary−AdenoCA.ID6.synthetic.exposure
N = 93 prob = 0.823
mu = 342.07
size = 1.27
Ovary−AdenoCA.ID6.noisy.exposure
N = 93 prob = 0.823
neg.binom.size = 10
mu = 329.83
size = 1.24
Density
counts
N = 82 Bandwidth = 83.6
p−value = 0.625
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
p−value = 0.744
real.exposure
noisy.exposure
Ovary−AdenoCA.ID8.real.exposure
N = 102 prob = 0.9027
mu = 183.8
size = 1.41
Ovary−AdenoCA.ID8.synthetic.exposure
N = 99 prob = 0.8761
mu = 177.38
size = 1.6
Ovary−AdenoCA.ID8.noisy.exposure
N = 99 prob = 0.8761
neg.binom.size = 10
mu = 179.37
size = 1.57
N = 102 Bandwidth = 58.59
p−value = 0.578
p−value = 0.571

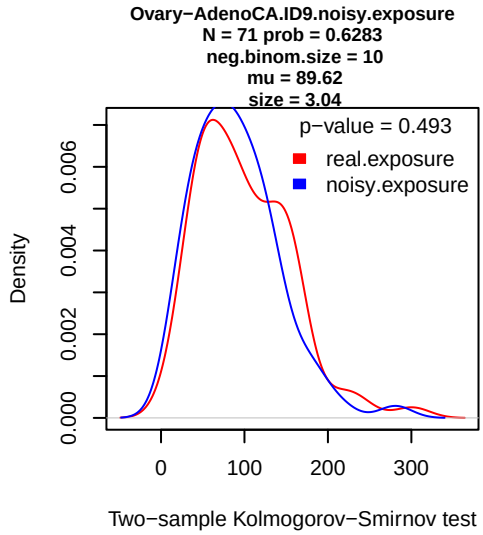

Ovary−AdenoCA.ID9.real.exposure
N = 76 prob = 0.6726
mu = 99.58
size = 3.29
Density
counts

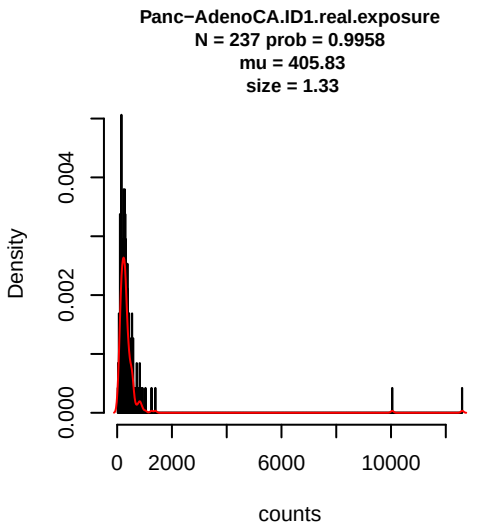

Ovary−AdenoCA.ID9.synthetic.exposure
N = 71 prob = 0.6283
mu = 92.73
size = 3.31
Density
counts

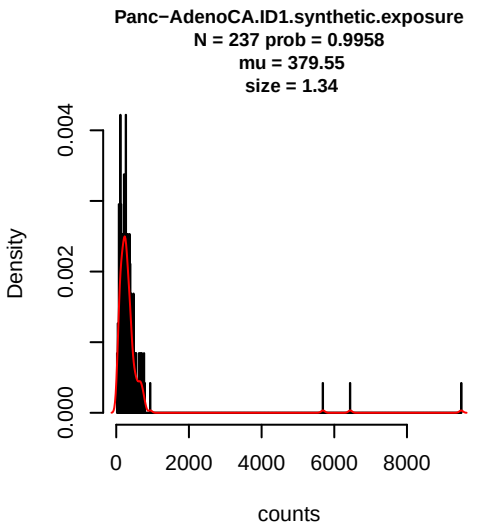

Ovary−AdenoCA.ID9.noisy.exposure
N = 71 prob = 0.6283
neg.binom.size = 10
mu = 89.62
size = 3.04
Density
counts

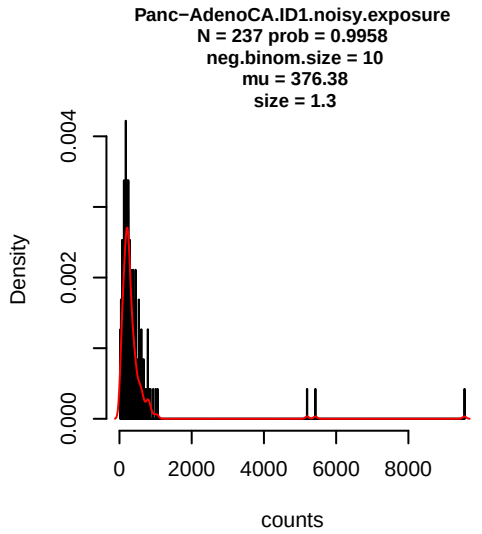

Ovary−AdenoCA.ID9.real.exposure
N = 76 prob = 0.6726
mu = 99.58
size = 3.29
Density
N = 76 Bandwidth = 20.97

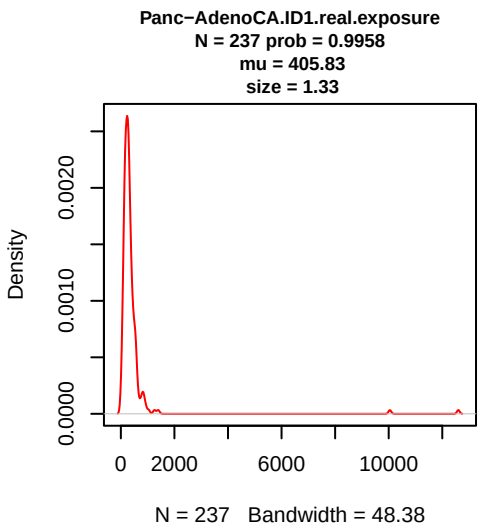

Ovary−AdenoCA.ID9.synthetic.exposure
N = 71 prob = 0.6283
mu = 92.73
size = 3.31
p−value = 0.756
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

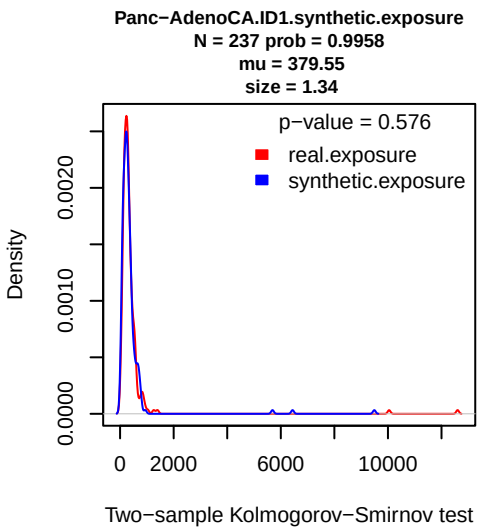

Ovary−AdenoCA.ID9.noisy.exposure
N = 71 prob = 0.6283
neg.binom.size = 10
mu = 89.62
size = 3.04
p−value = 0.493
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

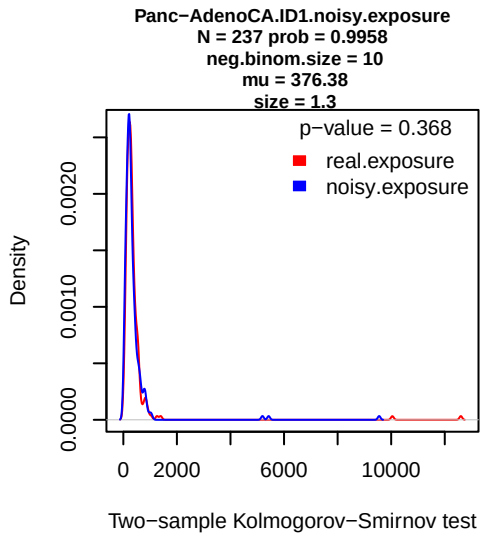

Panc−AdenoCA.ID1.real.exposure
N = 237 prob = 0.9958
mu = 405.83
size = 1.33
Density
counts

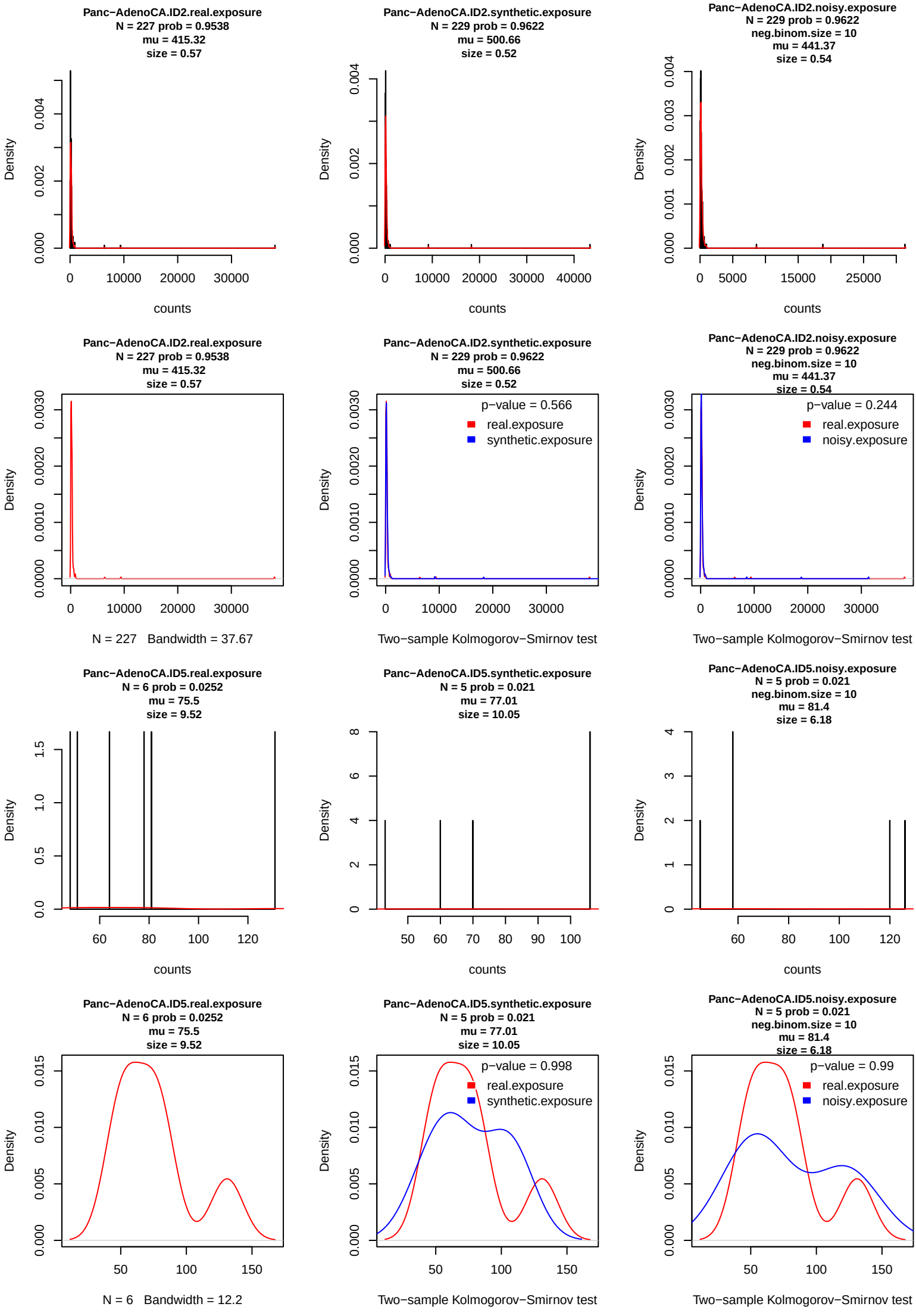

Panc−AdenoCA.ID1.synthetic.exposure
N = 237 prob = 0.9958
mu = 379.55
size = 1.34
Density
counts

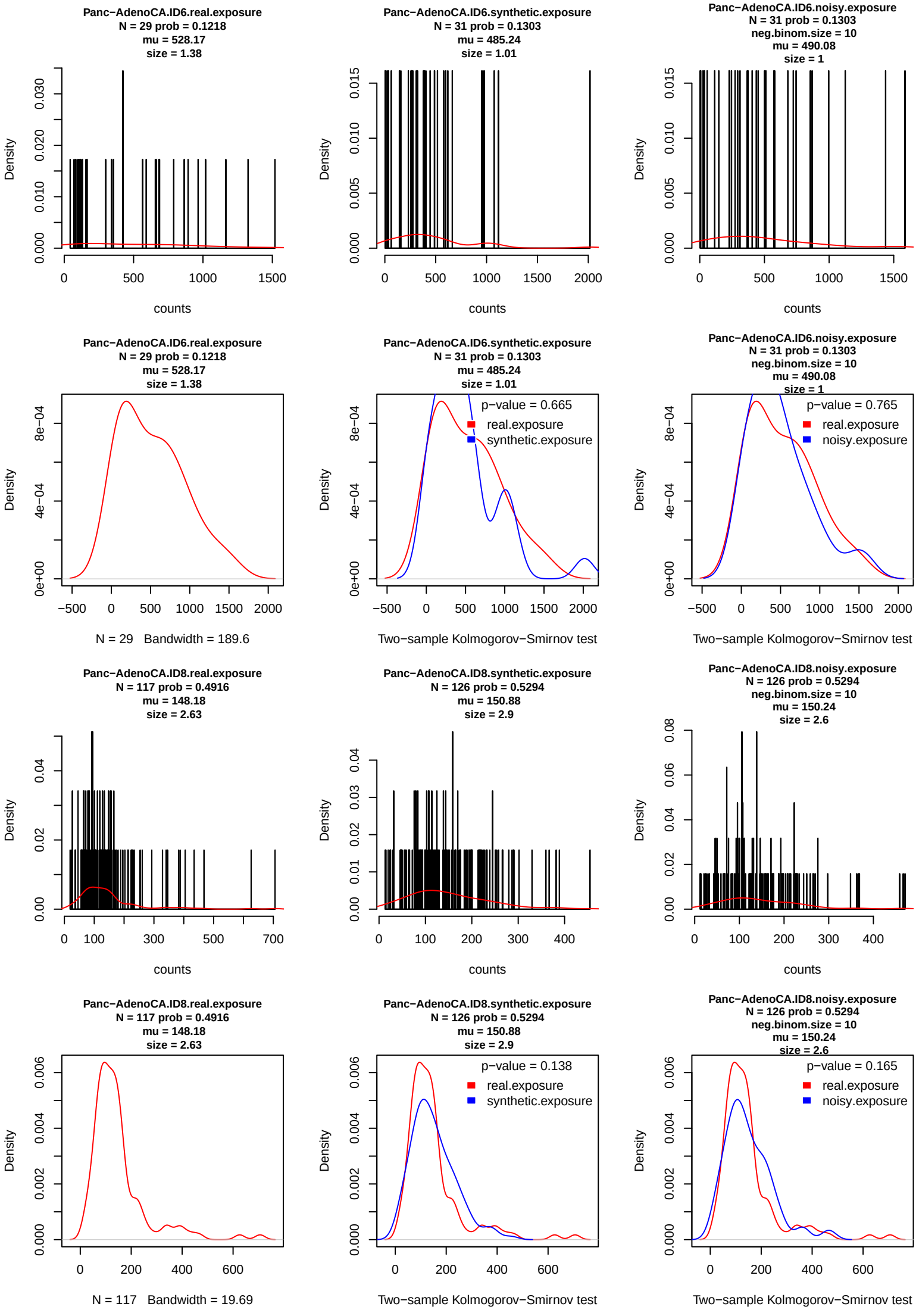

Panc−AdenoCA.ID1.noisy.exposure
N = 237 prob = 0.9958
neg.binom.size = 10
mu = 376.38
size = 1.3
Density
counts

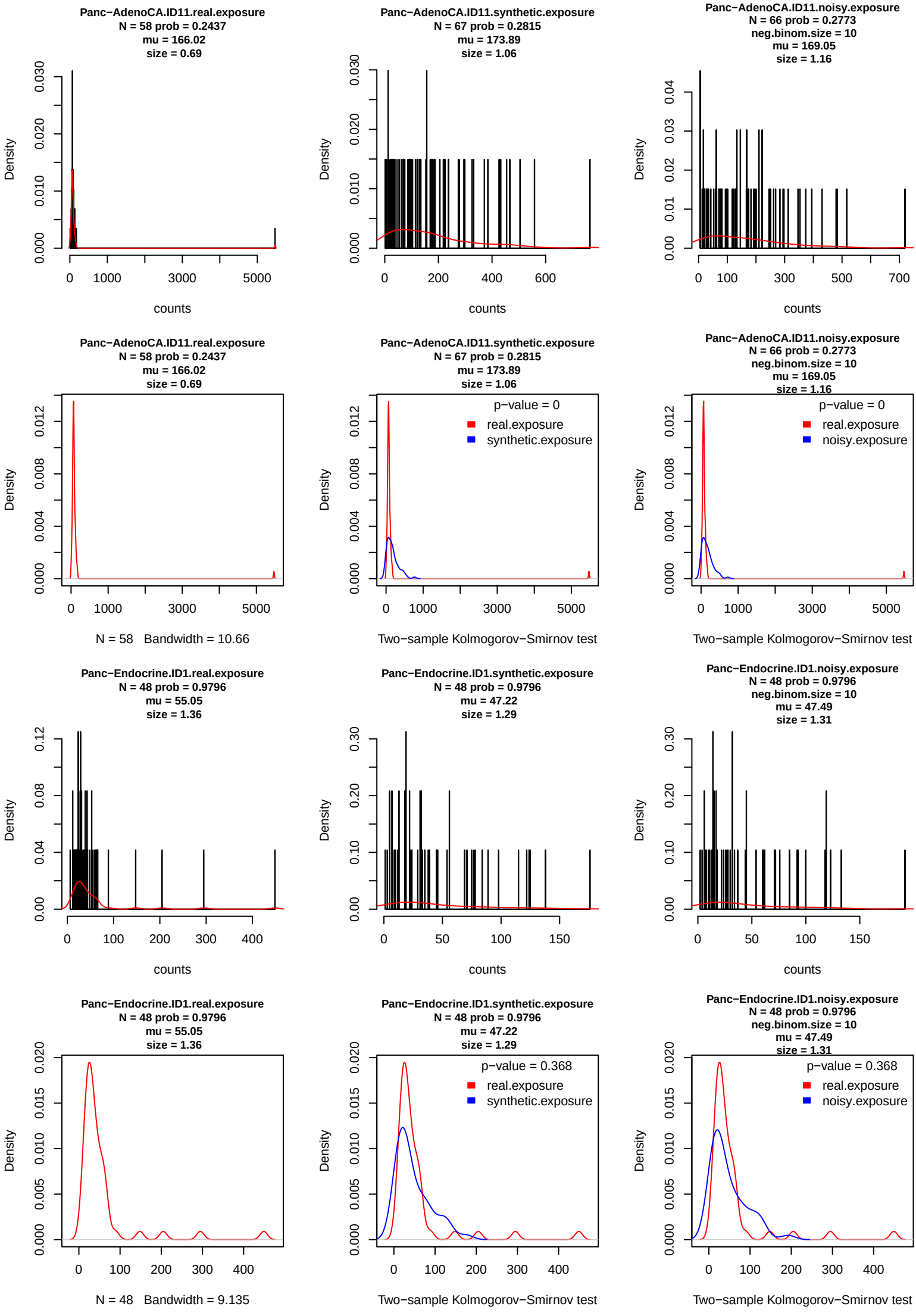

Panc−AdenoCA.ID1.real.exposure
N = 237 prob = 0.9958
mu = 405.83
size = 1.33
Density
N = 237 Bandwidth = 48.38

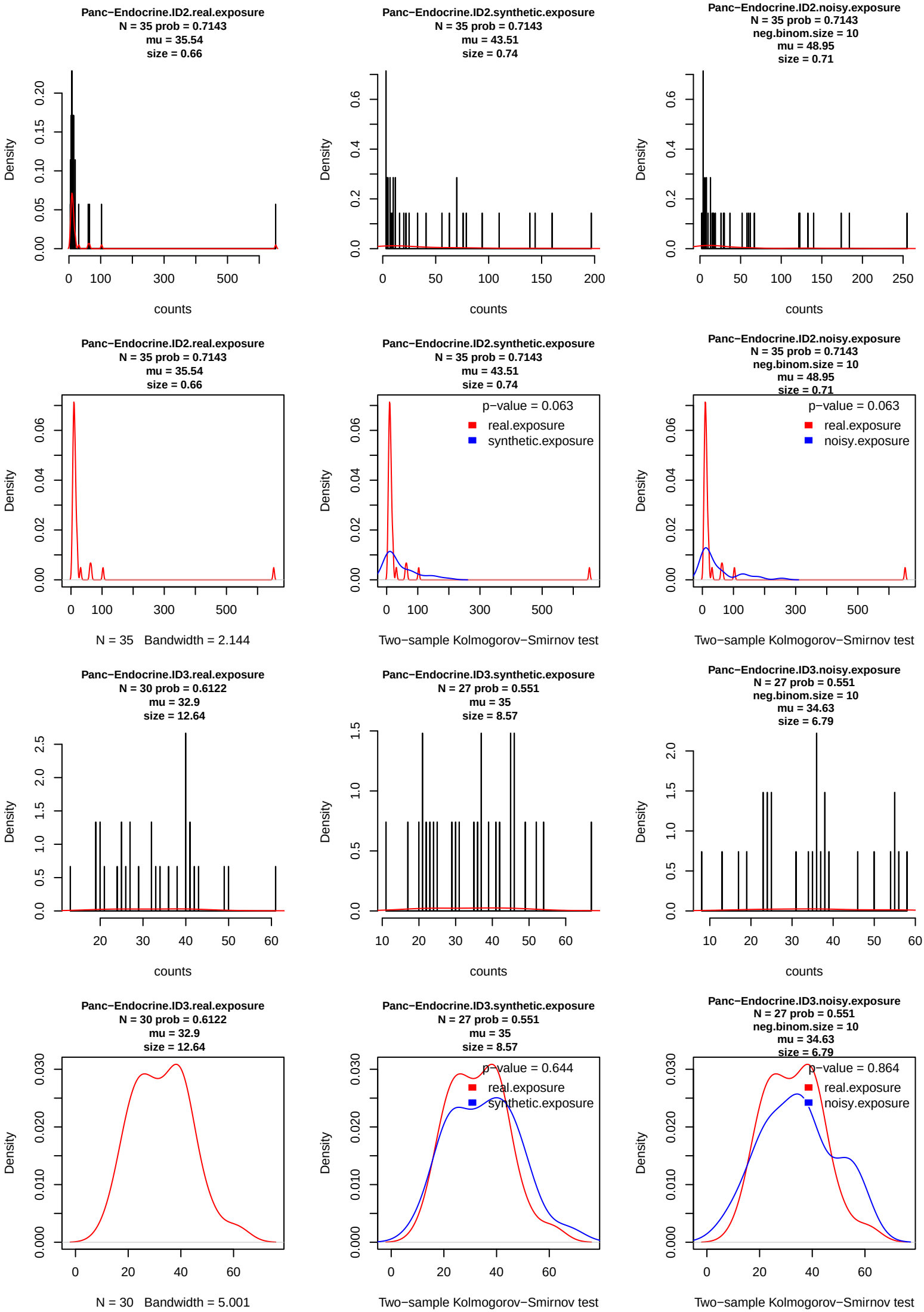

Panc−AdenoCA.ID1.synthetic.exposure
N = 237 prob = 0.9958
mu = 379.55
size = 1.34
p−value = 0.576
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

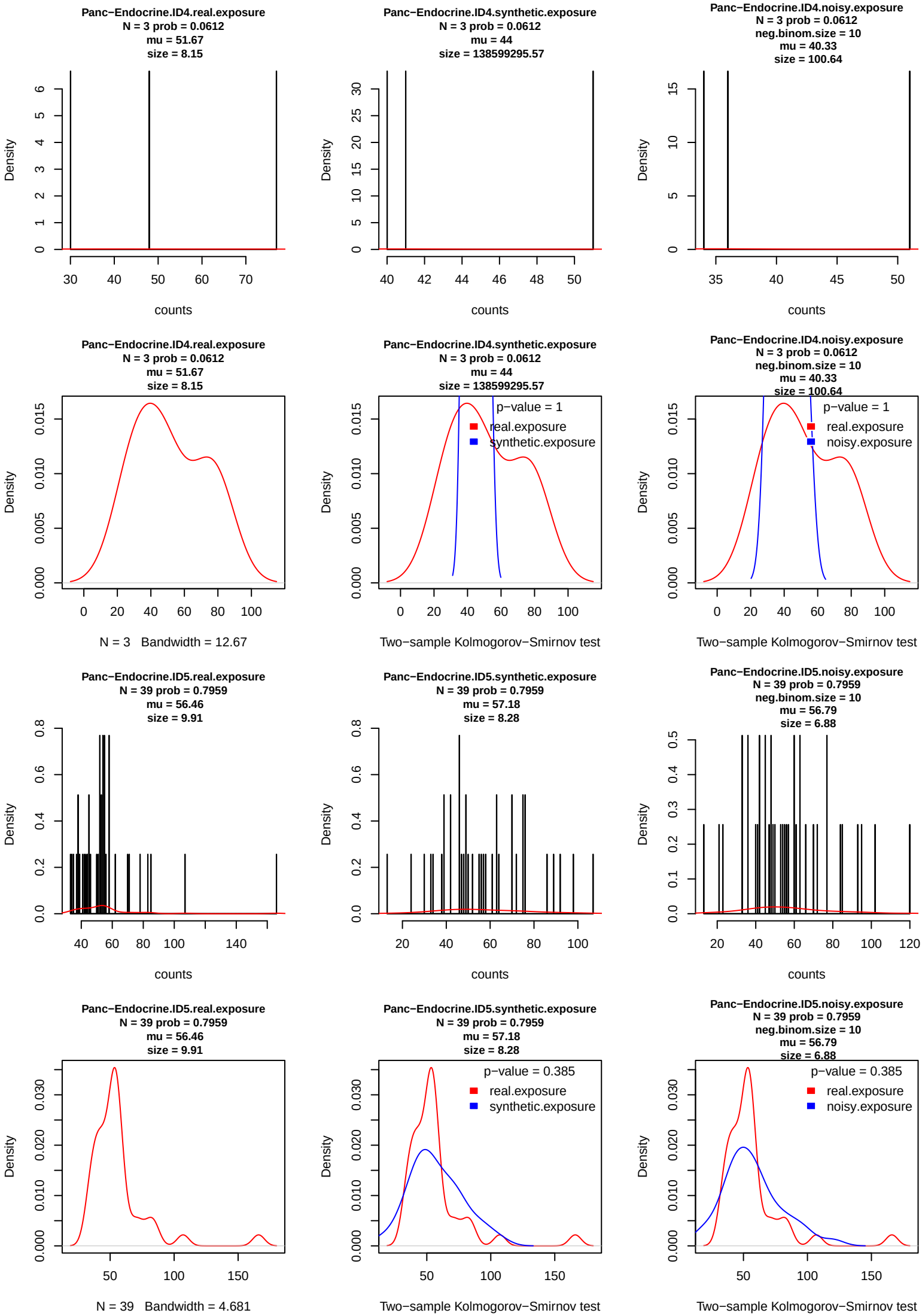

Panc−AdenoCA.ID1.noisy.exposure
N = 237 prob = 0.9958
neg.binom.size = 10
mu = 376.38
size = 1.3
p−value = 0.368
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

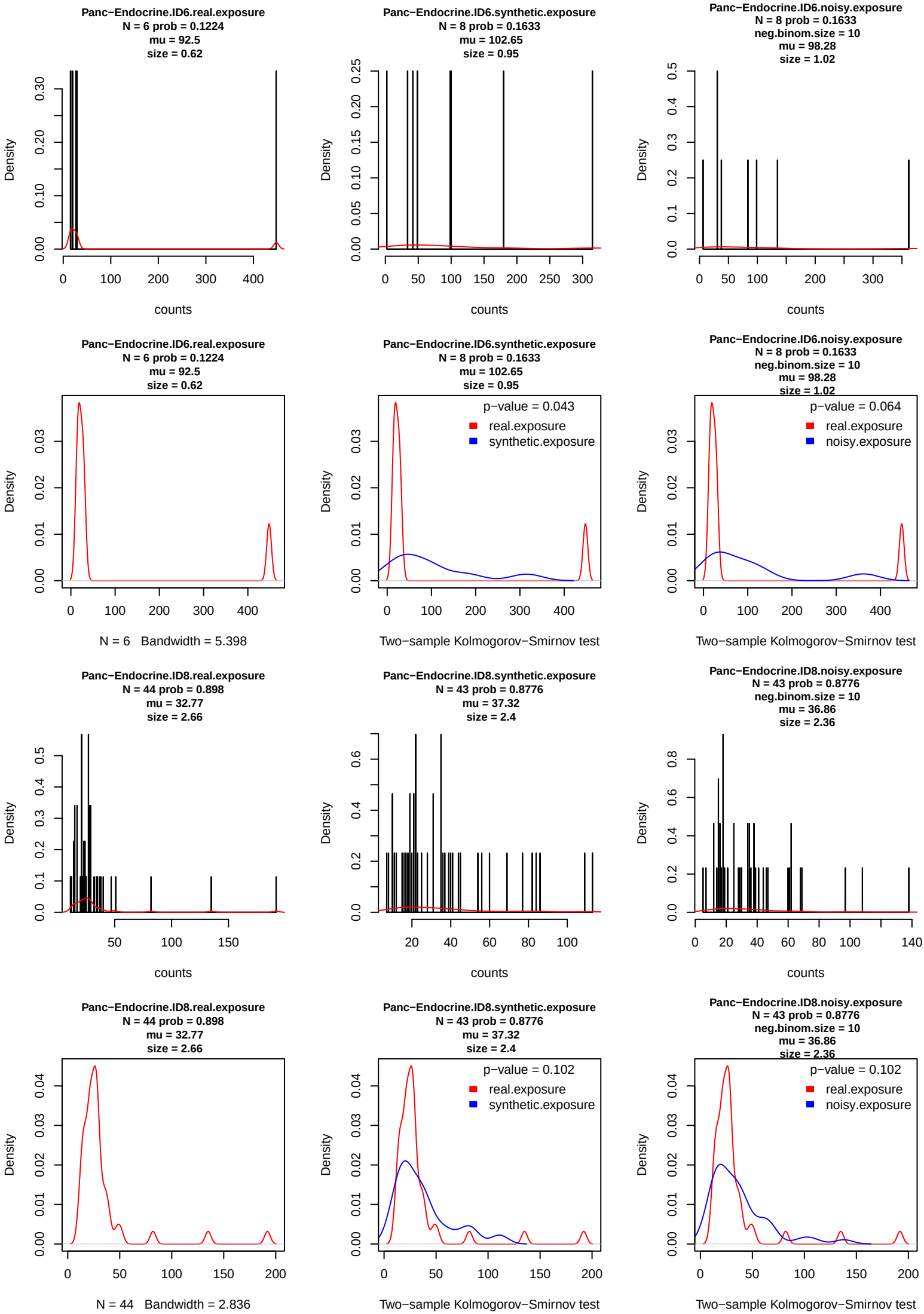

Panc−AdenoCA.ID2.real.exposure
N = 227 prob = 0.9538
mu = 415.32
size = 0.57
Panc−AdenoCA.ID2.synthetic.exposure
N = 229 prob = 0.9622
mu = 500.66
size = 0.52
Panc−AdenoCA.ID2.noisy.exposure
N = 229 prob = 0.9622
neg.binom.size = 10
mu = 441.37
size = 0.54
Density
counts
N = 227 Bandwidth = 37.67
p−value = 0.566
real.exposure
synthetic.exposure
p−value = 0.244
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Panc−AdenoCA.ID5.real.exposure
N = 6 prob = 0.0252
mu = 75.5
size = 9.52
Panc−AdenoCA.ID5.synthetic.exposure
N = 5 prob = 0.021
mu = 77.01
size = 10.05
Panc−AdenoCA.ID5.noisy.exposure
N = 5 prob = 0.021
neg.binom.size = 10
mu = 81.4
size = 6.18
N = 6 Bandwidth = 12.2
p−value = 0.998
p−value = 0.99

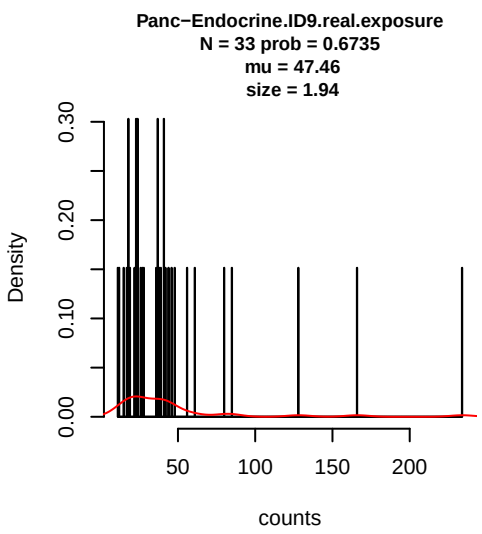

Panc−AdenoCA.ID6.real.exposure
N = 29 prob = 0.1218
mu = 528.17
size = 1.38
Panc−AdenoCA.ID6.synthetic.exposure
N = 31 prob = 0.1303
mu = 485.24
size = 1.01
Panc−AdenoCA.ID6.noisy.exposure
N = 31 prob = 0.1303
neg.binom.size = 10
mu = 490.08
size = 1
Density
counts
p−value = 0.665
real.exposure
synthetic.exposure
p−value = 0.765
noisy.exposure
N = 29 Bandwidth = 189.6
Two−sample Kolmogorov−Smirnov test
Panc−AdenoCA.ID8.real.exposure
N = 117 prob = 0.4916
mu = 148.18
size = 2.63
Panc−AdenoCA.ID8.synthetic.exposure
N = 126 prob = 0.5294
mu = 150.88
size = 2.9
Panc−AdenoCA.ID8.noisy.exposure
N = 126 prob = 0.5294
neg.binom.size = 10
mu = 150.24
size = 2.6
p−value = 0.138
p−value = 0.165
N = 117 Bandwidth = 19.69

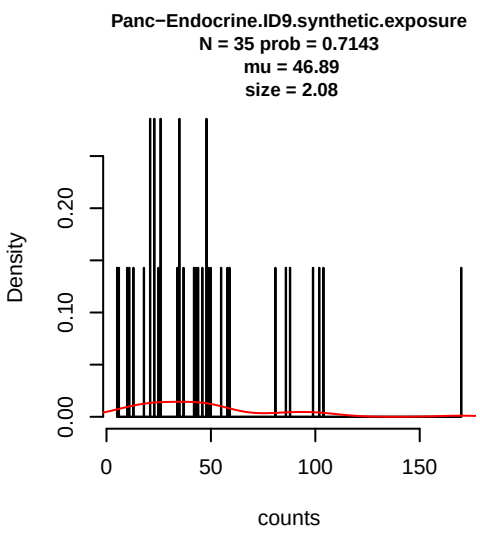

Panc−AdenoCA.ID11.real.exposure
N = 58 prob = 0.2437
mu = 166.02
size = 0.69
Panc−AdenoCA.ID11.synthetic.exposure
N = 67 prob = 0.2815
mu = 173.89
size = 1.06
Panc−AdenoCA.ID11.noisy.exposure
N = 66 prob = 0.2773
neg.binom.size = 10
mu = 169.05
size = 1.16
Density
counts
p−value = 0
real.exposure
synthetic.exposure
noisy.exposure
N = 58 Bandwidth = 10.66
Two−sample Kolmogorov−Smirnov test
Panc−Endocrine.ID1.real.exposure
N = 48 prob = 0.9796
mu = 55.05
size = 1.36
Panc−Endocrine.ID1.synthetic.exposure
N = 48 prob = 0.9796
mu = 47.22
size = 1.29
Panc−Endocrine.ID1.noisy.exposure
N = 48 prob = 0.9796
neg.binom.size = 10
mu = 47.49
size = 1.31
p−value = 0.368
N = 48 Bandwidth = 9.135

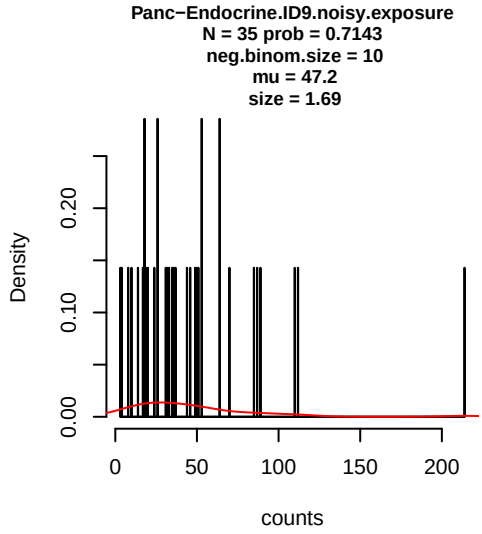

Panc−Endocrine.ID2.real.exposure
N = 35 prob = 0.7143
mu = 35.54
size = 0.66
Panc−Endocrine.ID2.synthetic.exposure
N = 35 prob = 0.7143
mu = 43.51
size = 0.74
Panc−Endocrine.ID2.noisy.exposure
N = 35 prob = 0.7143
neg.binom.size = 10
mu = 48.95
size = 0.71
Density
counts
N = 35 Bandwidth = 2.144
p−value = 0.063
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Panc−Endocrine.ID3.real.exposure
N = 30 prob = 0.6122
mu = 32.9
size = 12.64
Panc−Endocrine.ID3.synthetic.exposure
N = 27 prob = 0.551
mu = 35
size = 8.57
Panc−Endocrine.ID3.noisy.exposure
N = 27 prob = 0.551
neg.binom.size = 10
mu = 34.63
size = 6.79
N = 30 Bandwidth = 5.001
p−value = 0.644
p−value = 0.864

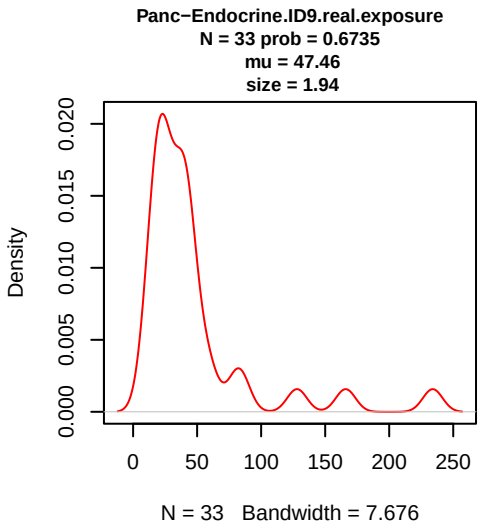

Panc−Endocrine.ID4.real.exposure
N = 3 prob = 0.0612
mu = 51.67
size = 8.15
Panc−Endocrine.ID4.synthetic.exposure
N = 3 prob = 0.0612
mu = 44
size = 138599295.57
Panc−Endocrine.ID4.noisy.exposure
N = 3 prob = 0.0612
neg.binom.size = 10
mu = 40.33
size = 100.64
Density
counts
N = 3 Bandwidth = 12.67
p−value = 1
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Panc−Endocrine.ID5.real.exposure
N = 39 prob = 0.7959
mu = 56.46
size = 9.91
Panc−Endocrine.ID5.synthetic.exposure
N = 39 prob = 0.7959
mu = 57.18
size = 8.28
Panc−Endocrine.ID5.noisy.exposure
N = 39 prob = 0.7959
neg.binom.size = 10
mu = 56.79
size = 6.88
N = 39 Bandwidth = 4.681
p−value = 0.385

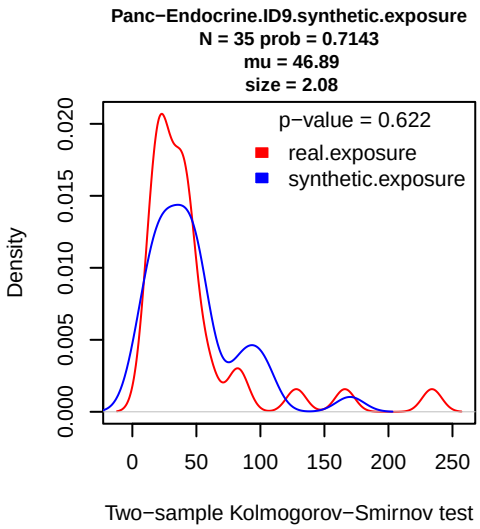

Panc−Endocrine.ID6.real.exposure
N = 6 prob = 0.1224
mu = 92.5
size = 0.62
Panc−Endocrine.ID6.synthetic.exposure
N = 8 prob = 0.1633
mu = 102.65
size = 0.95
Panc−Endocrine.ID6.noisy.exposure
N = 8 prob = 0.1633
neg.binom.size = 10
mu = 98.28
size = 1.02
Density
counts
N = 6 Bandwidth = 5.398
p−value = 0.043
real.exposure
synthetic.exposure
p−value = 0.064
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Panc−Endocrine.ID8.real.exposure
N = 44 prob = 0.898
mu = 32.77
size = 2.66
Panc−Endocrine.ID8.synthetic.exposure
N = 43 prob = 0.8776
mu = 37.32
size = 2.4
Panc−Endocrine.ID8.noisy.exposure
N = 43 prob = 0.8776
neg.binom.size = 10
mu = 36.86
size = 2.36
N = 44 Bandwidth = 2.836
p−value = 0.102

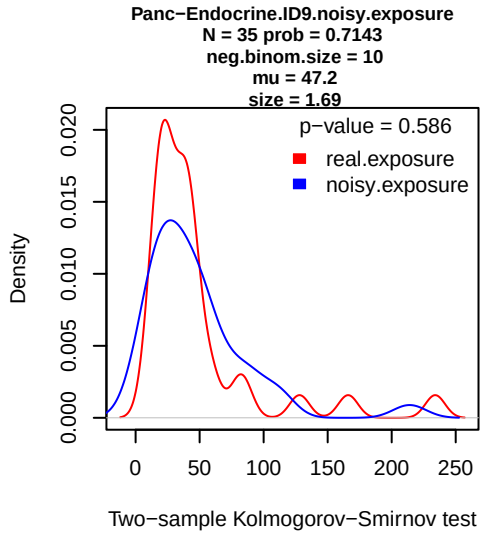

Panc−Endocrine.ID9.real.exposure
N = 33 prob = 0.6735
mu = 47.46
size = 1.94
Density
counts

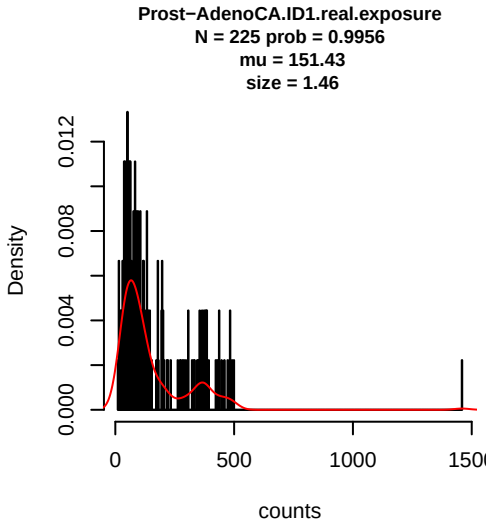

Panc−Endocrine.ID9.synthetic.exposure
N = 35 prob = 0.7143
mu = 46.89
size = 2.08
Density
counts

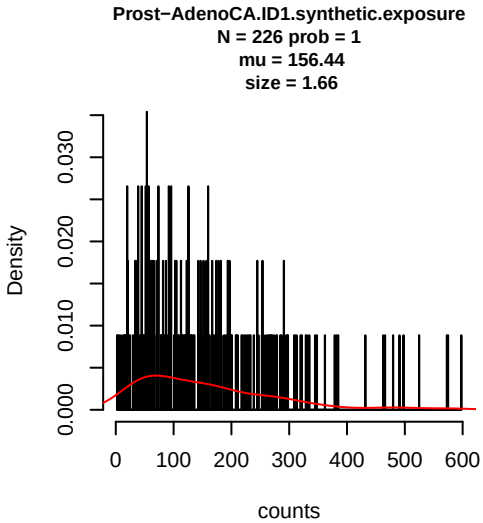

Panc−Endocrine.ID9.noisy.exposure
N = 35 prob = 0.7143
neg.binom.size = 10
mu = 47.2
size = 1.69
Density
counts

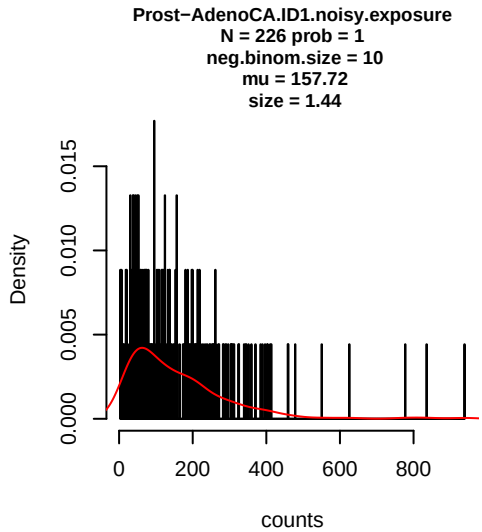

Panc−Endocrine.ID9.real.exposure
N = 33 prob = 0.6735
mu = 47.46
size = 1.94
Density
N = 33 Bandwidth = 7.676

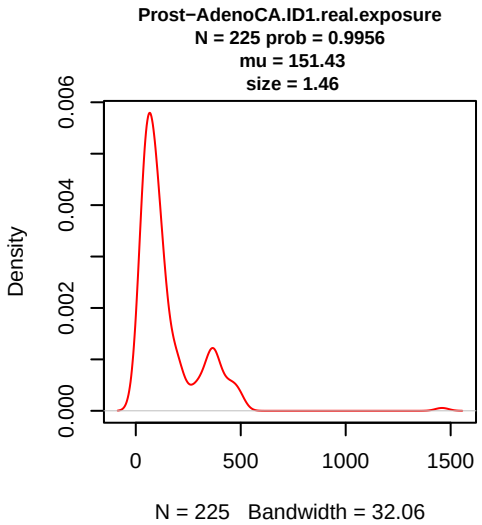

Panc−Endocrine.ID9.synthetic.exposure
N = 35 prob = 0.7143
mu = 46.89
size = 2.08
p−value = 0.622
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

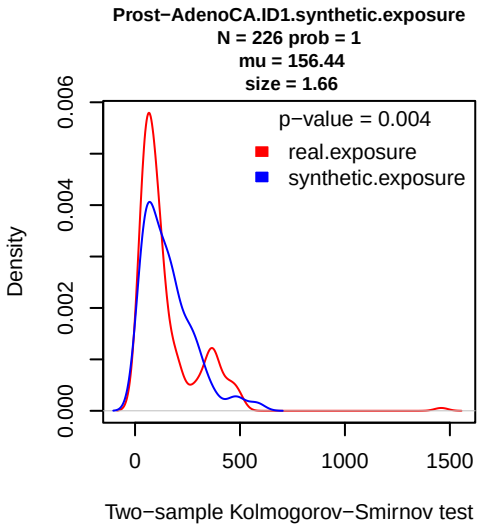

Panc−Endocrine.ID9.noisy.exposure
N = 35 prob = 0.7143
neg.binom.size = 10
mu = 47.2
size = 1.69
p−value = 0.586
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

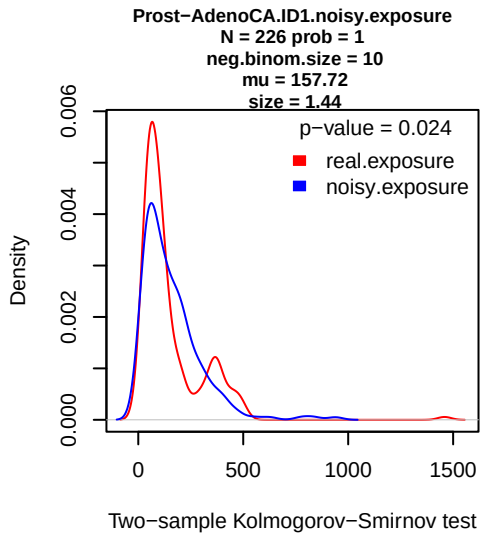

Prost−AdenoCA.ID1.real.exposure
N = 225 prob = 0.9956
mu = 151.43
size = 1.46
Density
counts

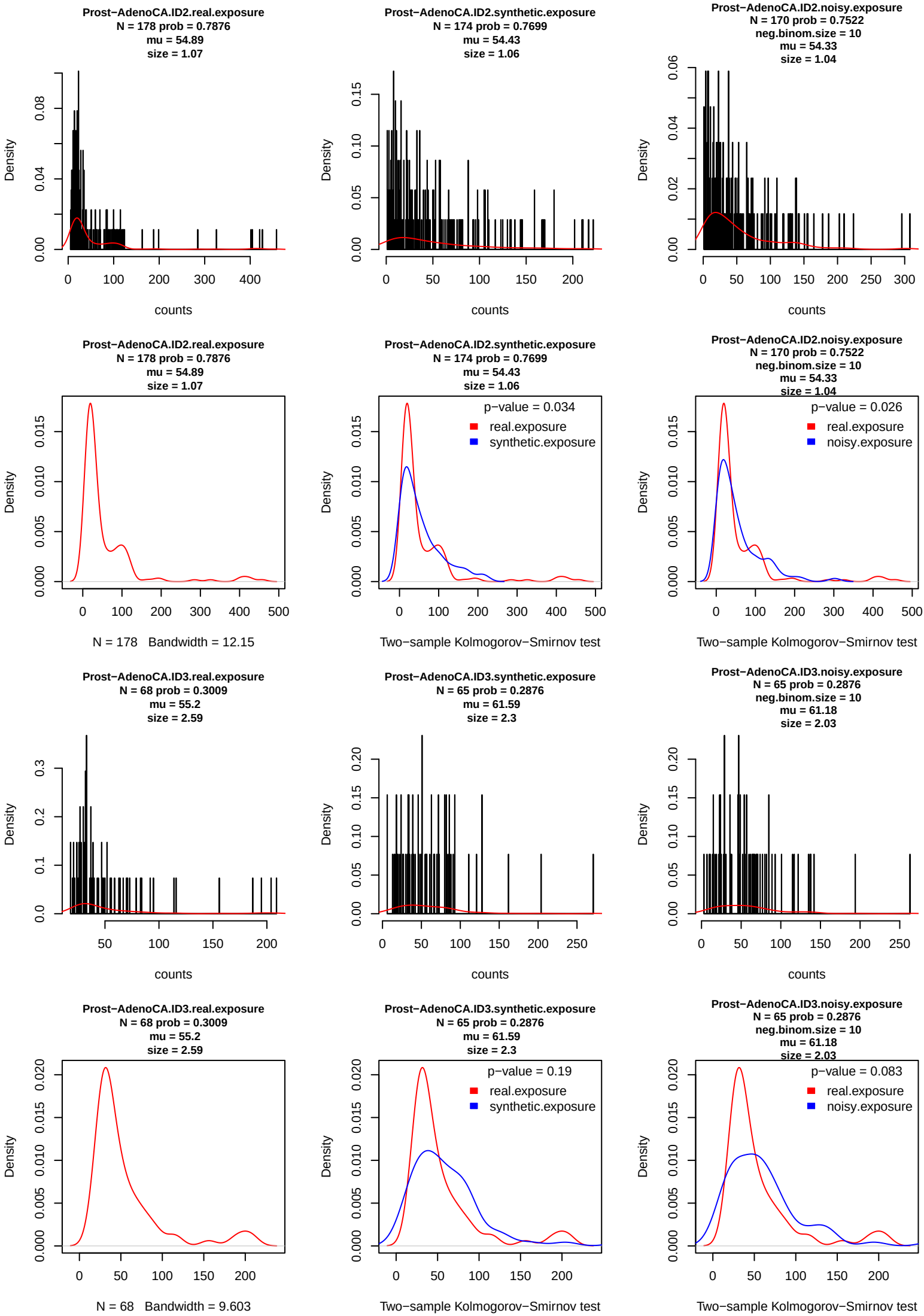

Prost−AdenoCA.ID1.synthetic.exposure
N = 226 prob = 1
mu = 156.44
size = 1.66
Density
counts

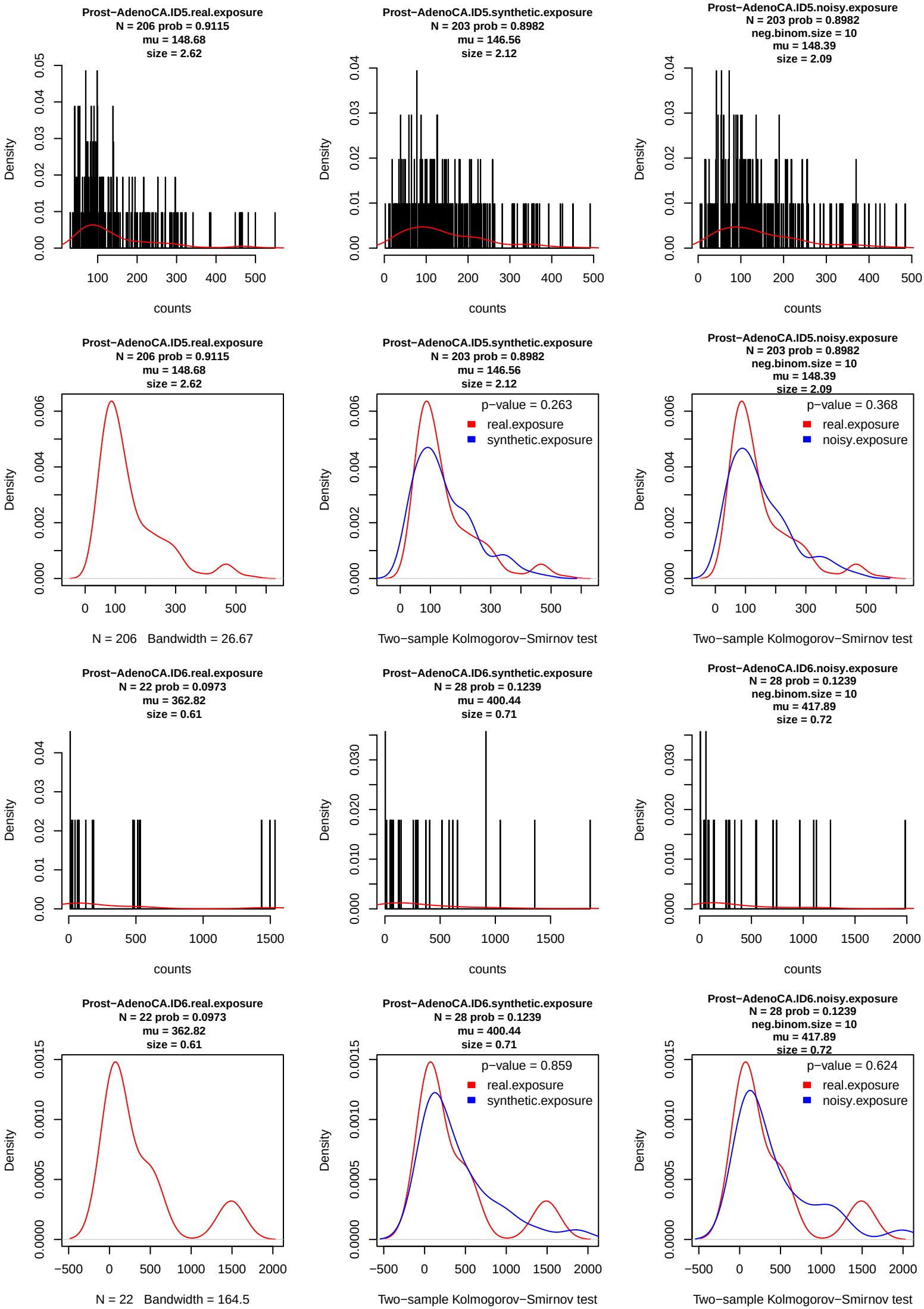

Prost−AdenoCA.ID1.noisy.exposure
N = 226 prob = 1
neg.binom.size = 10
mu = 157.72
size = 1.44
Density
counts

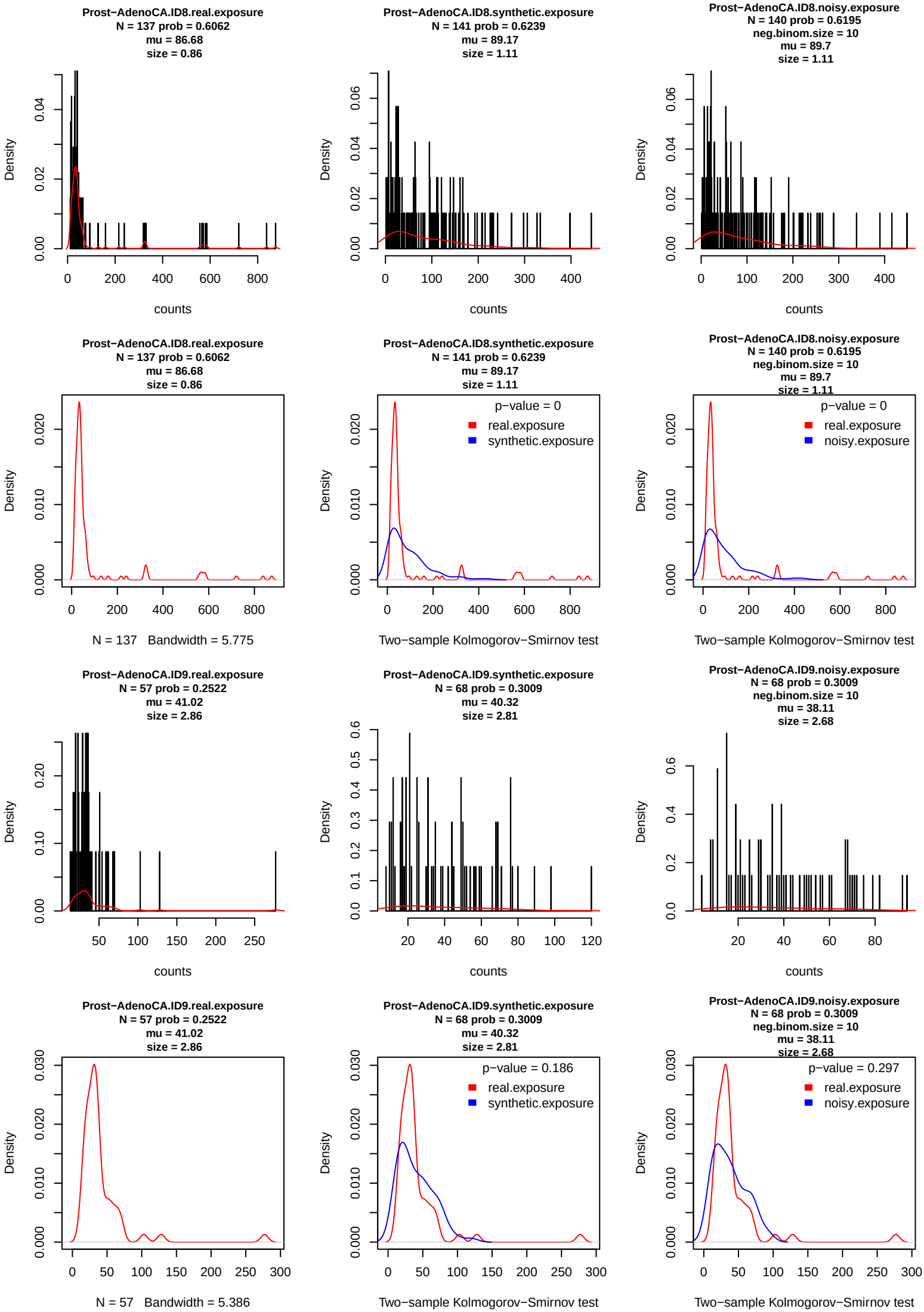

Prost−AdenoCA.ID1.real.exposure
N = 225 prob = 0.9956
mu = 151.43
size = 1.46
Density
N = 225 Bandwidth = 32.06

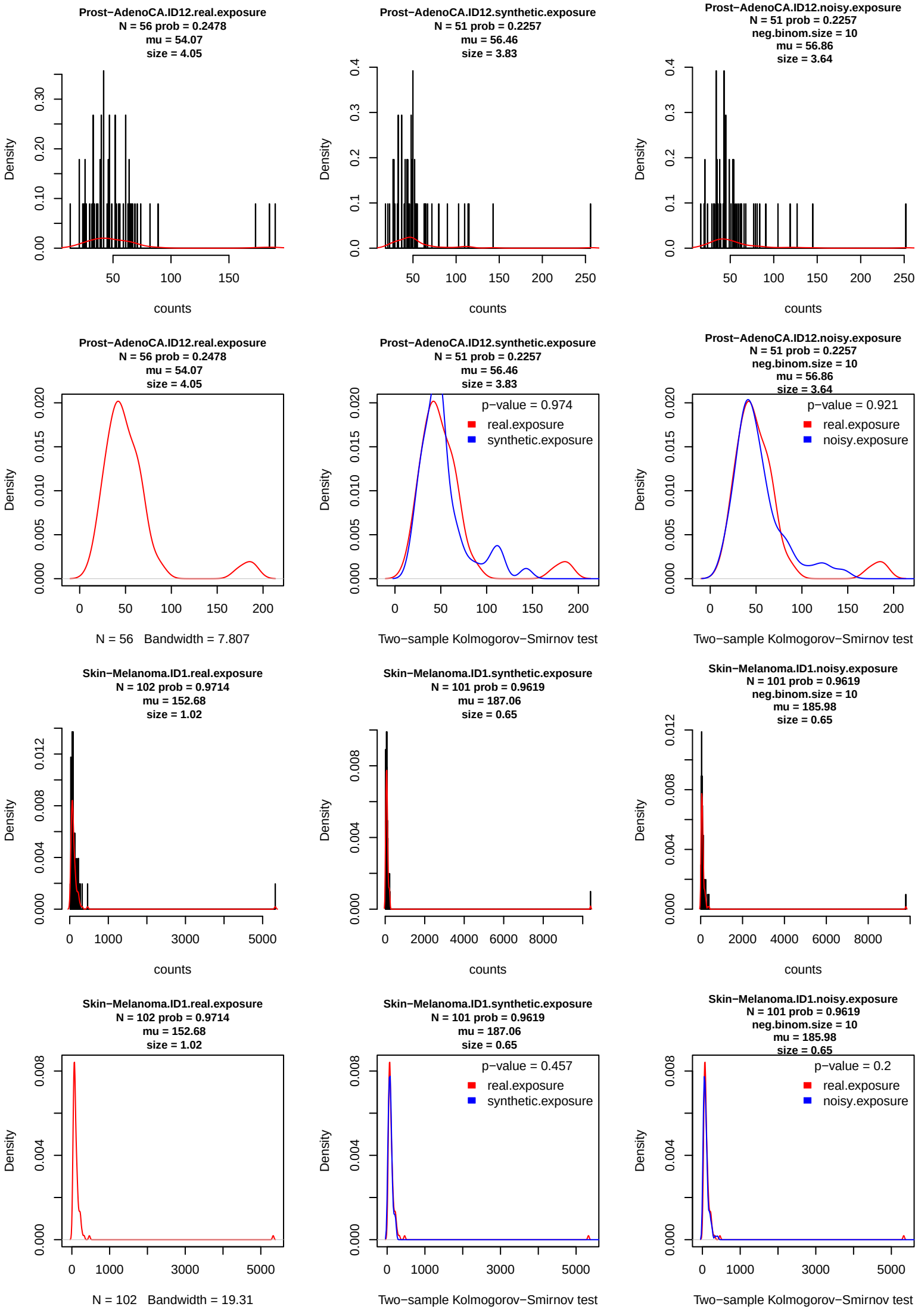

Prost−AdenoCA.ID1.synthetic.exposure
N = 226 prob = 1
mu = 156.44
size = 1.66
p−value = 0.004
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

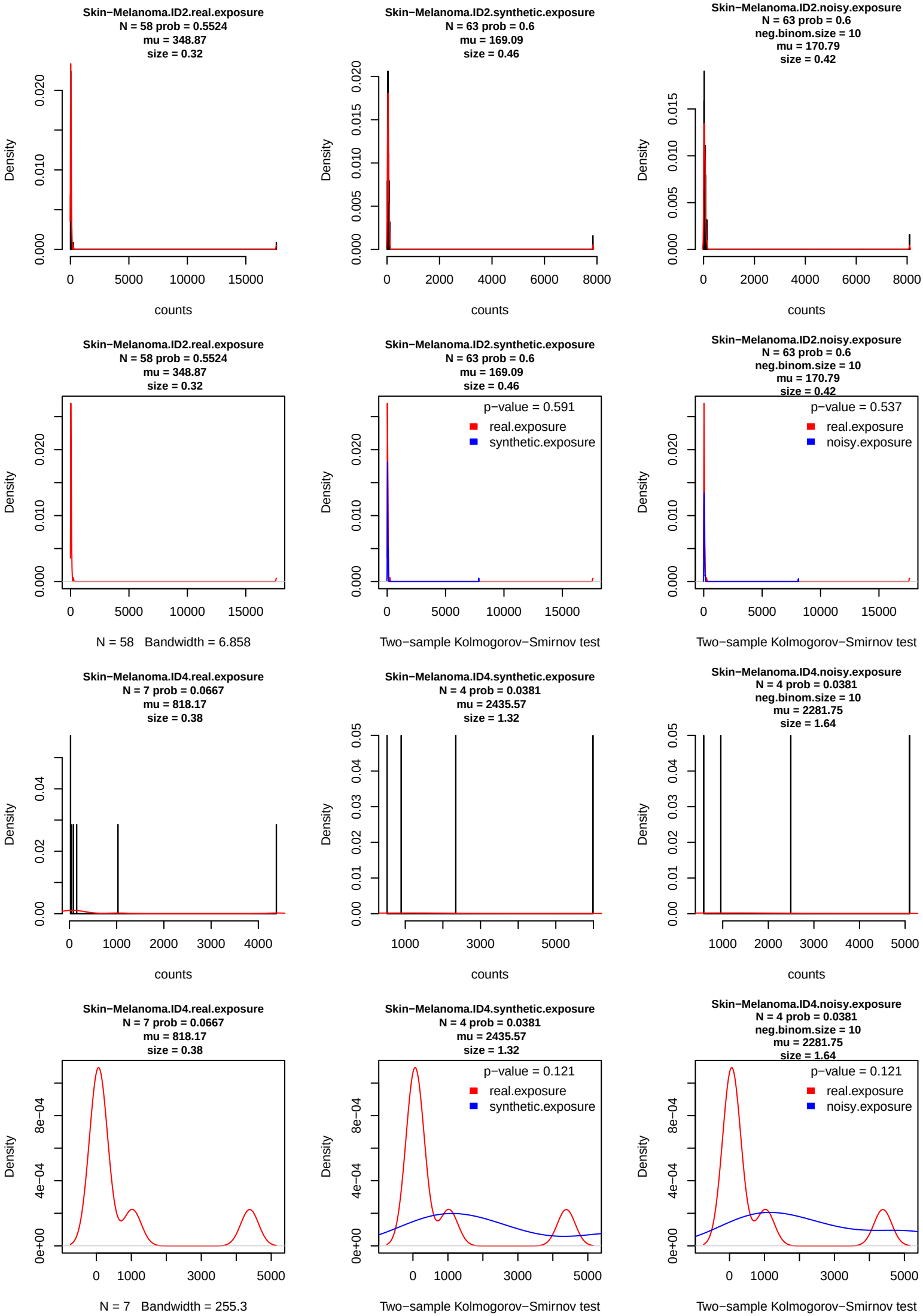

Prost−AdenoCA.ID1.noisy.exposure
N = 226 prob = 1
neg.binom.size = 10
mu = 157.72
size = 1.44
p−value = 0.024
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

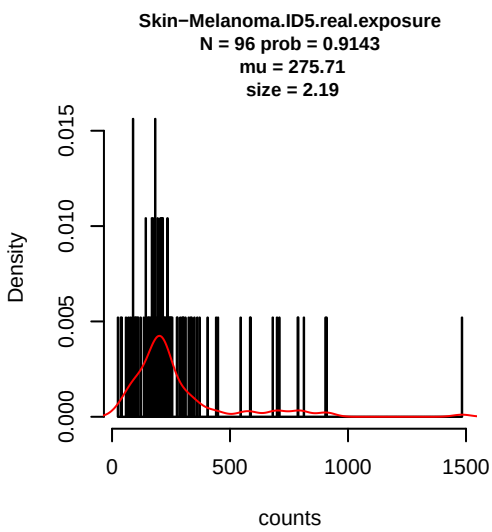

Prost−AdenoCA.ID2.real.exposure
N = 178 prob = 0.7876
mu = 54.89
size = 1.07
Prost−AdenoCA.ID2.synthetic.exposure
N = 174 prob = 0.7699
mu = 54.43
size = 1.06
Prost−AdenoCA.ID2.noisy.exposure
N = 170 prob = 0.7522
neg.binom.size = 10
mu = 54.33
size = 1.04
Density
counts
N = 178 Bandwidth = 12.15
p−value = 0.034
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
p−value = 0.026
noisy.exposure
Prost−AdenoCA.ID3.real.exposure
N = 68 prob = 0.3009
mu = 55.2
size = 2.59
Prost−AdenoCA.ID3.synthetic.exposure
N = 65 prob = 0.2876
mu = 61.59
size = 2.3
Prost−AdenoCA.ID3.noisy.exposure
N = 65 prob = 0.2876
neg.binom.size = 10
mu = 61.18
size = 2.03
N = 68 Bandwidth = 9.603
p−value = 0.19
p−value = 0.083

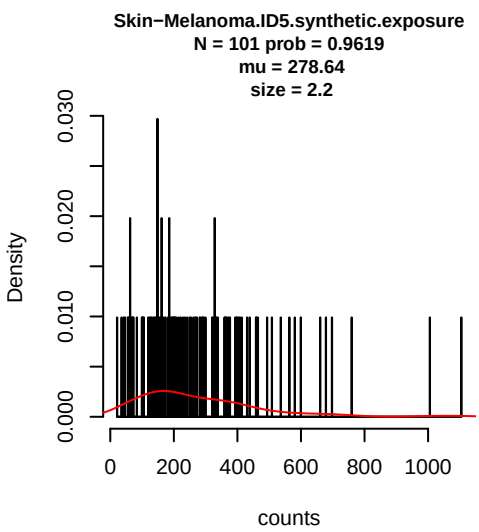

Prost−AdenoCA.ID5.real.exposure
N = 206 prob = 0.9115
mu = 148.68
size = 2.62
Prost−AdenoCA.ID5.synthetic.exposure
N = 203 prob = 0.8982
mu = 146.56
size = 2.12
Prost−AdenoCA.ID5.noisy.exposure
N = 203 prob = 0.8982
neg.binom.size = 10
mu = 148.39
size = 2.09
Density
counts
N = 206 Bandwidth = 26.67
p−value = 0.263
real.exposure
synthetic.exposure
p−value = 0.368
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Prost−AdenoCA.ID6.real.exposure
N = 22 prob = 0.0973
mu = 362.82
size = 0.61
Prost−AdenoCA.ID6.synthetic.exposure
N = 28 prob = 0.1239
mu = 400.44
size = 0.71
Prost−AdenoCA.ID6.noisy.exposure
N = 28 prob = 0.1239
neg.binom.size = 10
mu = 417.89
size = 0.72
N = 22 Bandwidth = 164.5
p−value = 0.859
p−value = 0.624

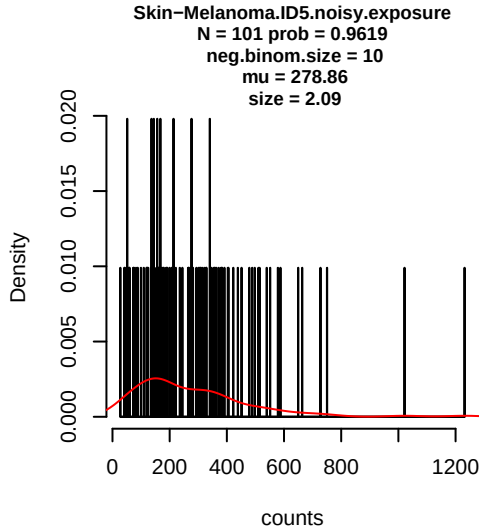

Prost−AdenoCA.ID8.real.exposure
N = 137 prob = 0.6062
mu = 86.68
size = 0.86
Prost−AdenoCA.ID8.synthetic.exposure
N = 141 prob = 0.6239
mu = 89.17
size = 1.11
Prost−AdenoCA.ID8.noisy.exposure
N = 140 prob = 0.6195
neg.binom.size = 10
mu = 89.7
size = 1.11
Density
counts
N = 137 Bandwidth = 5.775
p−value = 0
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Prost−AdenoCA.ID9.real.exposure
N = 57 prob = 0.2522
mu = 41.02
size = 2.86
Prost−AdenoCA.ID9.synthetic.exposure
N = 68 prob = 0.3009
mu = 40.32
size = 2.81
Prost−AdenoCA.ID9.noisy.exposure
N = 68 prob = 0.3009
neg.binom.size = 10
mu = 38.11
size = 2.68
N = 57 Bandwidth = 5.386
p−value = 0.186
p−value = 0.297

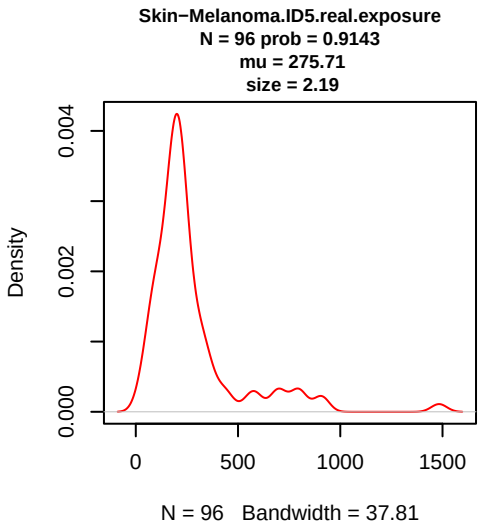

Prost−AdenoCA.ID12.real.exposure
N = 56 prob = 0.2478
mu = 54.07
size = 4.05
Prost−AdenoCA.ID12.synthetic.exposure
N = 51 prob = 0.2257
mu = 56.46
size = 3.83
Prost−AdenoCA.ID12.noisy.exposure
N = 51 prob = 0.2257
neg.binom.size = 10
mu = 56.86
size = 3.64
Density
counts
p−value = 0.974
real.exposure
synthetic.exposure
p−value = 0.921
noisy.exposure
N = 56 Bandwidth = 7.807
Two−sample Kolmogorov−Smirnov test
Skin−Melanoma.ID1.real.exposure
N = 102 prob = 0.9714
mu = 152.68
size = 1.02
Skin−Melanoma.ID1.synthetic.exposure
N = 101 prob = 0.9619
mu = 187.06
size = 0.65
Skin−Melanoma.ID1.noisy.exposure
N = 101 prob = 0.9619
neg.binom.size = 10
mu = 185.98
size = 0.65
p−value = 0.457
p−value = 0.2
N = 102 Bandwidth = 19.31

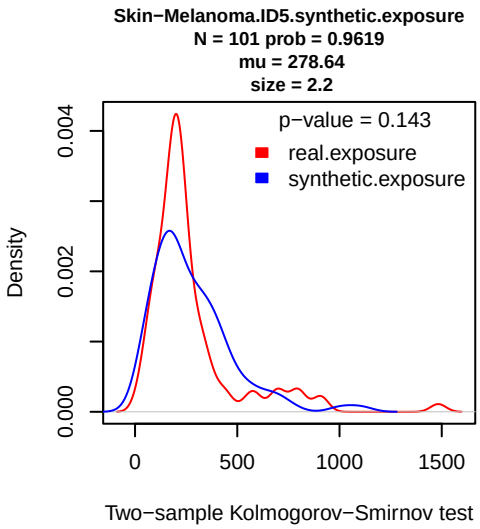

Skin−Melanoma.ID2.real.exposure
N = 58 prob = 0.5524
mu = 348.87
size = 0.32
Skin−Melanoma.ID2.synthetic.exposure
N = 63 prob = 0.6
mu = 169.09
size = 0.46
Skin−Melanoma.ID2.noisy.exposure
N = 63 prob = 0.6
neg.binom.size = 10
mu = 170.79
size = 0.42
Density
counts
N = 58 Bandwidth = 6.858
p−value = 0.591
real.exposure
synthetic.exposure
p−value = 0.537
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Skin−Melanoma.ID4.real.exposure
N = 7 prob = 0.0667
mu = 818.17
size = 0.38
Skin−Melanoma.ID4.synthetic.exposure
N = 4 prob = 0.0381
mu = 2435.57
size = 1.32
Skin−Melanoma.ID4.noisy.exposure
N = 4 prob = 0.0381
neg.binom.size = 10
mu = 2281.75
size = 1.64
N = 7 Bandwidth = 255.3
p−value = 0.121

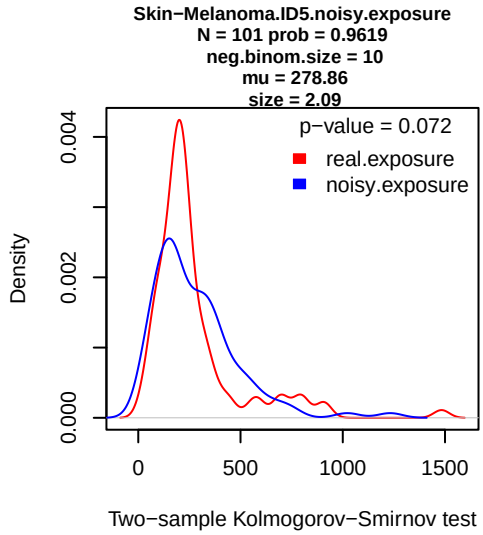

Skin−Melanoma.ID5.real.exposure
N = 96 prob = 0.9143
mu = 275.71
size = 2.19
Density
counts

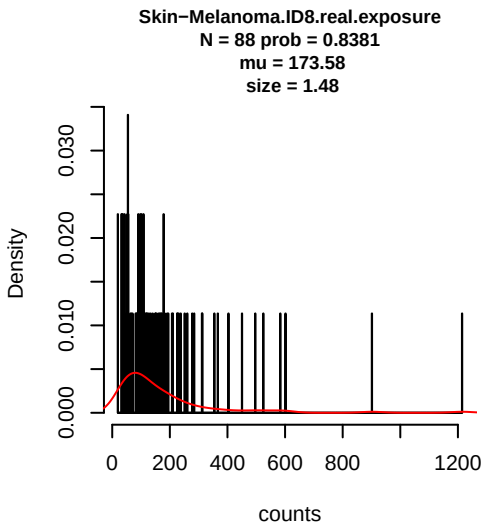

Skin−Melanoma.ID5.synthetic.exposure
N = 101 prob = 0.9619
mu = 278.64
size = 2.2
Density
counts

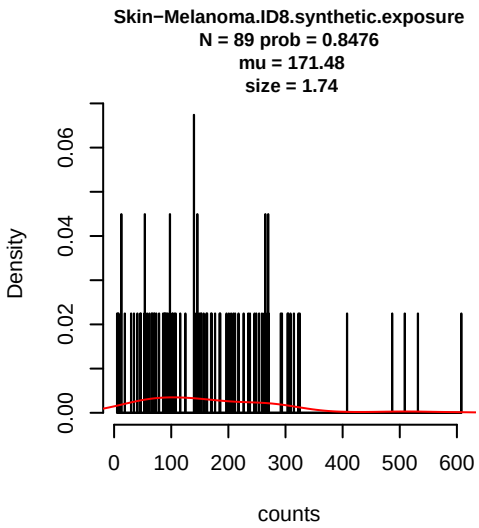

Skin−Melanoma.ID5.noisy.exposure
N = 101 prob = 0.9619
neg.binom.size = 10
mu = 278.86
size = 2.09
Density
counts

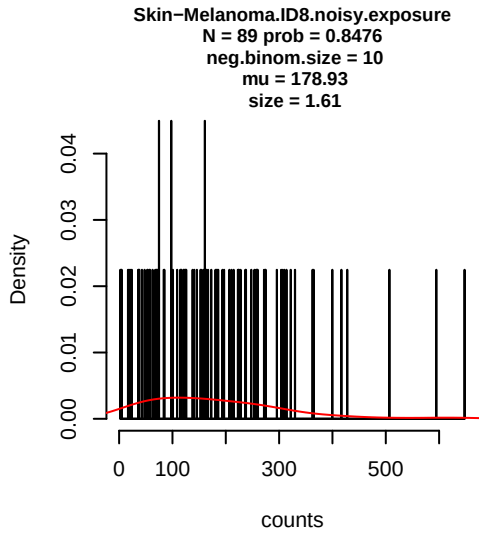

Skin−Melanoma.ID5.real.exposure
N = 96 prob = 0.9143
mu = 275.71
size = 2.19
Density
N = 96 Bandwidth = 37.81

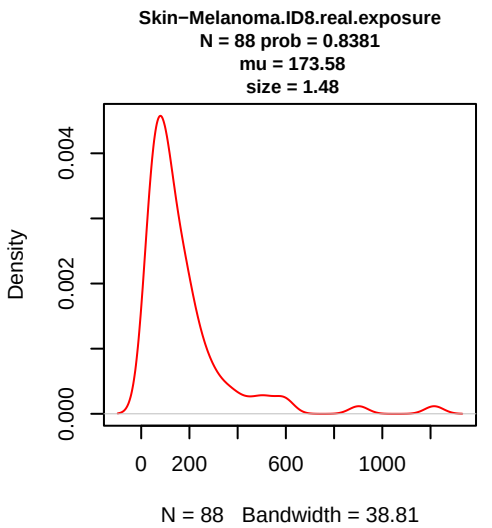

Skin−Melanoma.ID5.synthetic.exposure
N = 101 prob = 0.9619
mu = 278.64
size = 2.2
p−value = 0.143
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

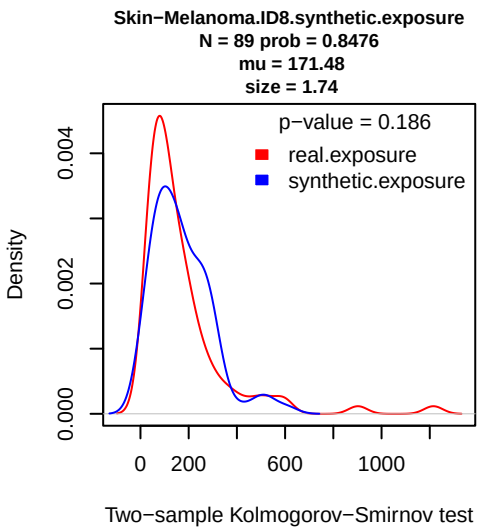

Skin−Melanoma.ID5.noisy.exposure
N = 101 prob = 0.9619
neg.binom.size = 10
mu = 278.86
size = 2.09
p−value = 0.072
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

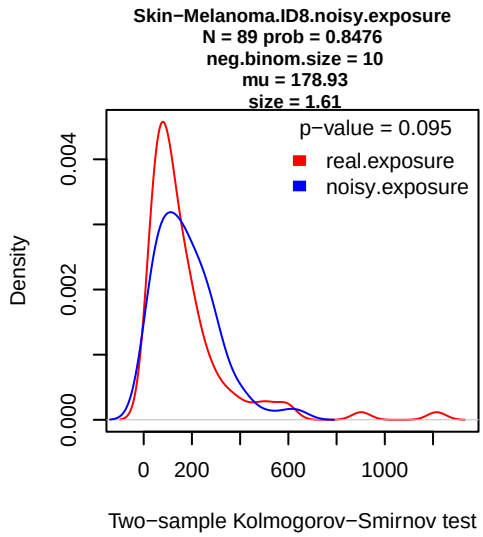

Skin−Melanoma.ID8.real.exposure
N = 88 prob = 0.8381
mu = 173.58
size = 1.48
Density
counts

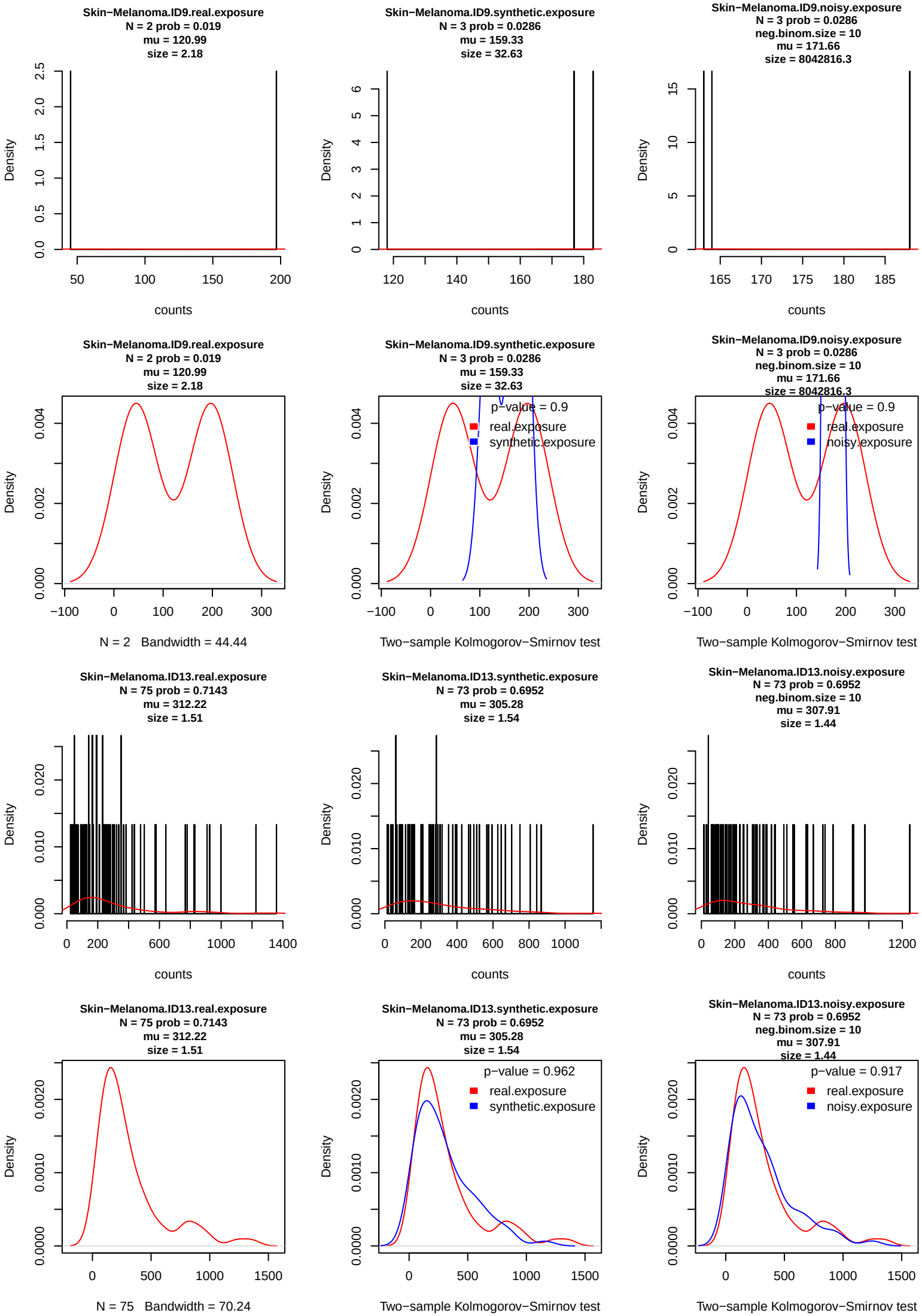

Skin−Melanoma.ID8.synthetic.exposure
N = 89 prob = 0.8476
mu = 171.48
size = 1.74
Density
counts

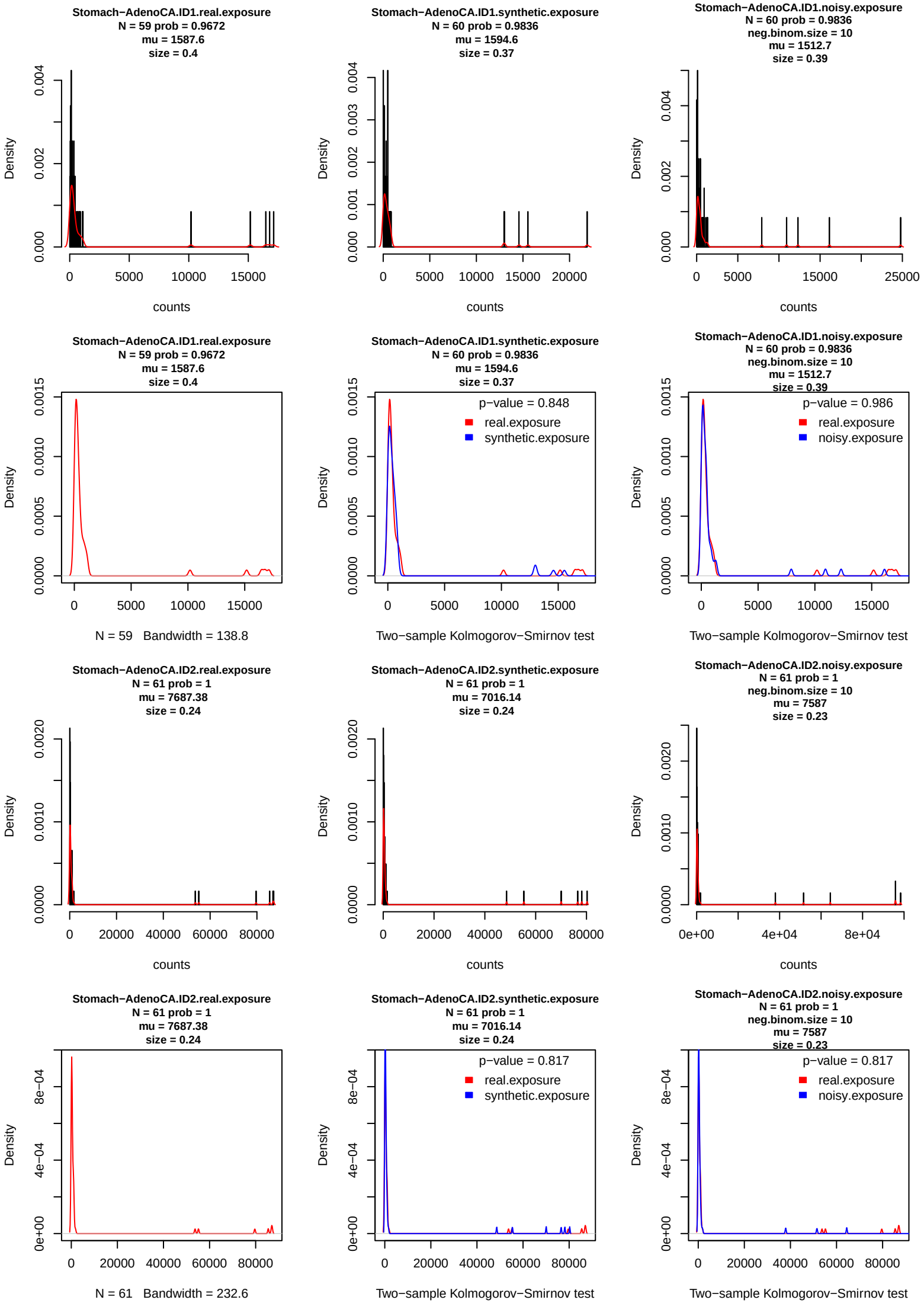

Skin−Melanoma.ID8.noisy.exposure
N = 89 prob = 0.8476
neg.binom.size = 10
mu = 178.93
size = 1.61
Density
counts

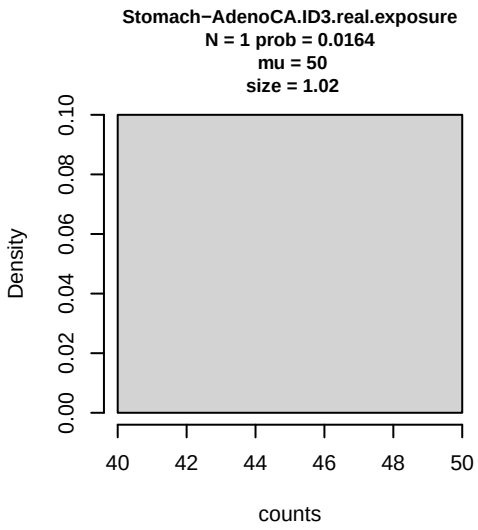

Skin−Melanoma.ID8.real.exposure
N = 88 prob = 0.8381
mu = 173.58
size = 1.48
Density
N = 88 Bandwidth = 38.81

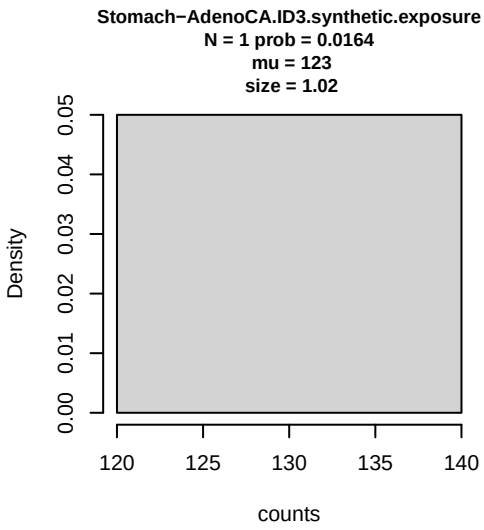

Skin−Melanoma.ID8.synthetic.exposure
N = 89 prob = 0.8476
mu = 171.48
size = 1.74
p−value = 0.186
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

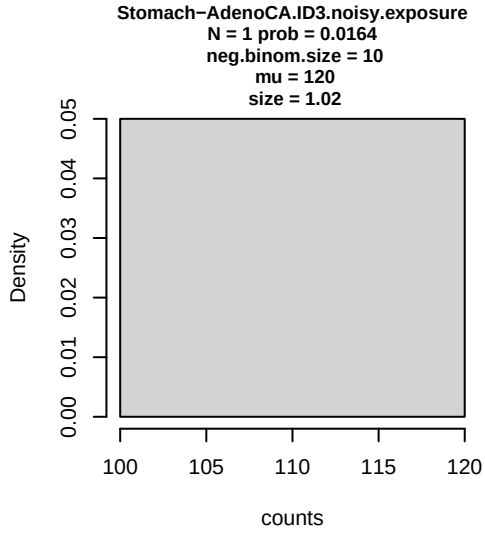

Skin−Melanoma.ID8.noisy.exposure
N = 89 prob = 0.8476
neg.binom.size = 10
mu = 178.93
size = 1.61
p−value = 0.095
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

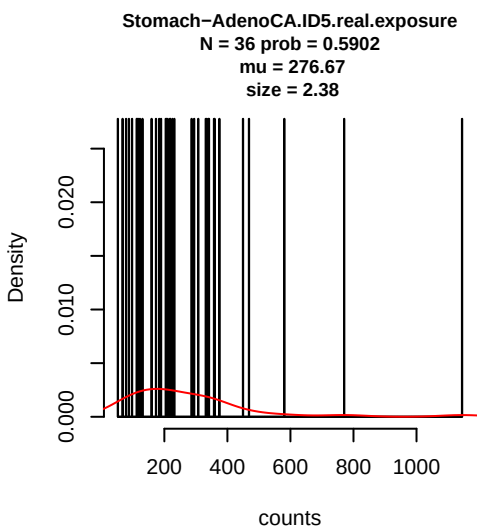

Skin−Melanoma.ID9.real.exposure
N = 2 prob = 0.019
mu = 120.99
size = 2.18
Skin−Melanoma.ID9.synthetic.exposure
N = 3 prob = 0.0286
mu = 159.33
size = 32.63
Skin−Melanoma.ID9.noisy.exposure
N = 3 prob = 0.0286
neg.binom.size = 10
mu = 171.66
size = 8042816.3
Density
counts
p−value = 0.9
real.exposure
synthetic.exposure
noisy.exposure
N = 2 Bandwidth = 44.44
Two−sample Kolmogorov−Smirnov test
Skin−Melanoma.ID13.real.exposure
N = 75 prob = 0.7143
mu = 312.22
size = 1.51
Skin−Melanoma.ID13.synthetic.exposure
N = 73 prob = 0.6952
mu = 305.28
size = 1.54
Skin−Melanoma.ID13.noisy.exposure
N = 73 prob = 0.6952
neg.binom.size = 10
mu = 307.91
size = 1.44
p−value = 0.962
p−value = 0.917
N = 75 Bandwidth = 70.24

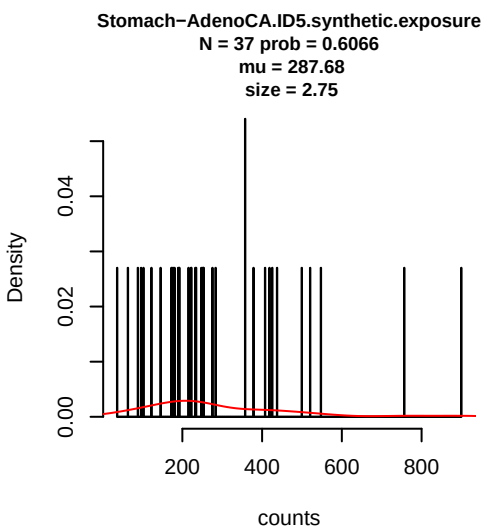

Stomach−AdenoCA.ID1.real.exposure
N = 59 prob = 0.9672
mu = 1587.6
size = 0.4
Stomach−AdenoCA.ID1.synthetic.exposure
N = 60 prob = 0.9836
mu = 1594.6
size = 0.37
Stomach−AdenoCA.ID1.noisy.exposure
N = 60 prob = 0.9836
neg.binom.size = 10
mu = 1512.7
size = 0.39
Density
counts
p−value = 0.848
real.exposure
synthetic.exposure
p−value = 0.986
noisy.exposure
N = 59 Bandwidth = 138.8
Two−sample Kolmogorov−Smirnov test
Stomach−AdenoCA.ID2.real.exposure
N = 61 prob = 1
mu = 7687.38
size = 0.24
Stomach−AdenoCA.ID2.synthetic.exposure
mu = 7016.14
Stomach−AdenoCA.ID2.noisy.exposure
neg.binom.size = 10
mu = 7587
size = 0.23
p−value = 0.817
N = 61 Bandwidth = 232.6

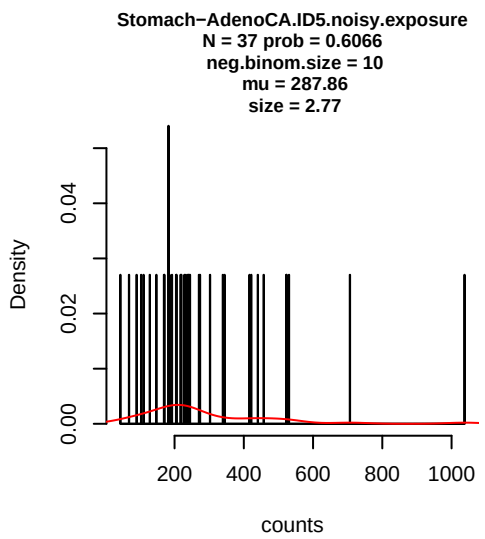

Stomach−AdenoCA.ID3.real.exposure
N = 1 prob = 0.0164
mu = 50
size = 1.02
Density
counts

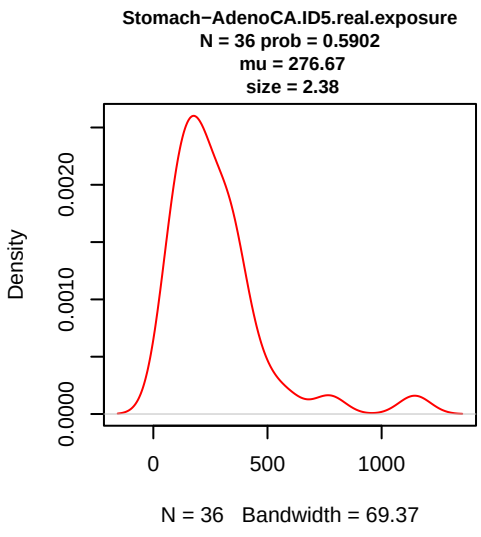

Stomach−AdenoCA.ID3.synthetic.exposure
N = 1 prob = 0.0164
mu = 123
size = 1.02
Density
counts

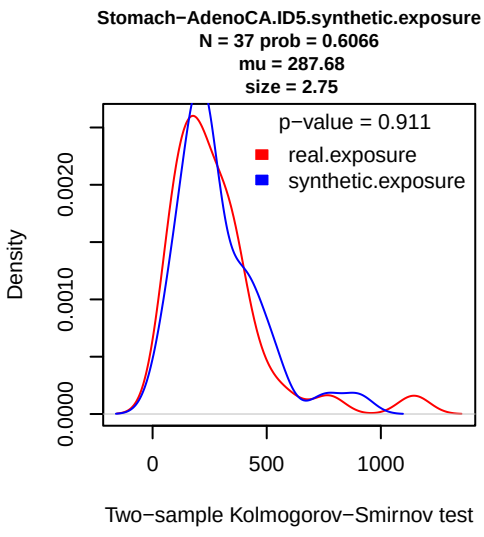

Stomach−AdenoCA.ID3.noisy.exposure
N = 1 prob = 0.0164
neg.binom.size = 10
mu = 120
size = 1.02
Density
counts

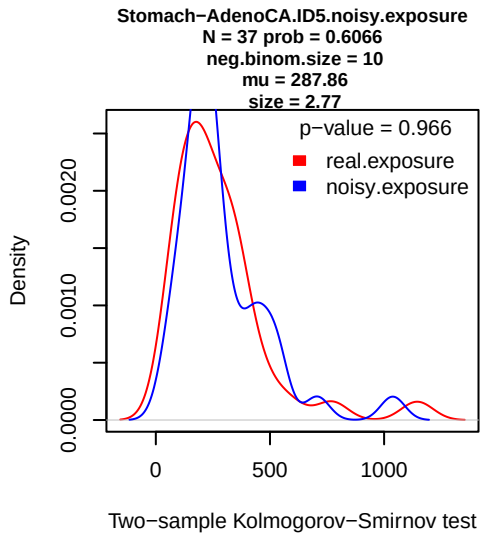

Stomach−AdenoCA.ID5.real.exposure
N = 36 prob = 0.5902
mu = 276.67
size = 2.38
Density
counts

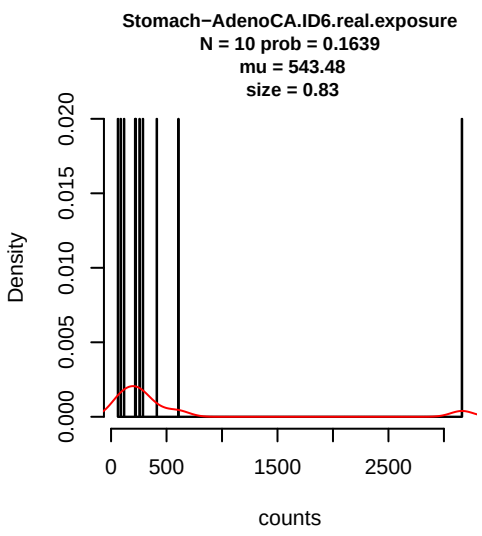

Stomach−AdenoCA.ID5.synthetic.exposure
N = 37 prob = 0.6066
mu = 287.68
size = 2.75
Density
counts

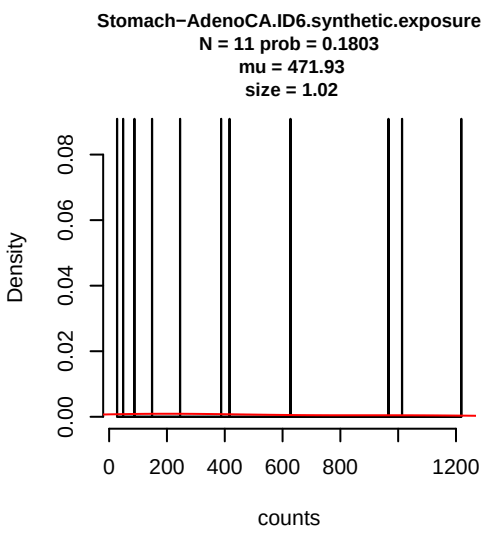

Stomach−AdenoCA.ID5.noisy.exposure
N = 37 prob = 0.6066
neg.binom.size = 10
mu = 287.86
size = 2.77
Density
counts

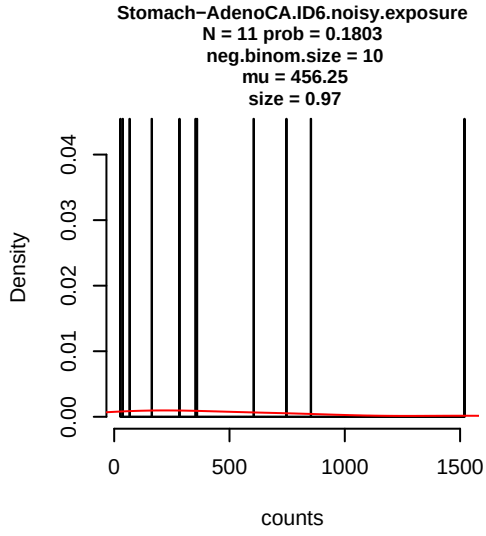

Stomach−AdenoCA.ID5.real.exposure
N = 36 prob = 0.5902
mu = 276.67
size = 2.38
Density
N = 36 Bandwidth = 69.37

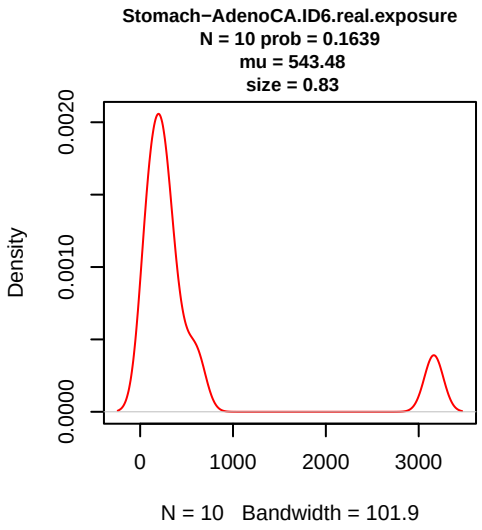

Stomach−AdenoCA.ID5.synthetic.exposure
N = 37 prob = 0.6066
mu = 287.68
size = 2.75
p−value = 0.911
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

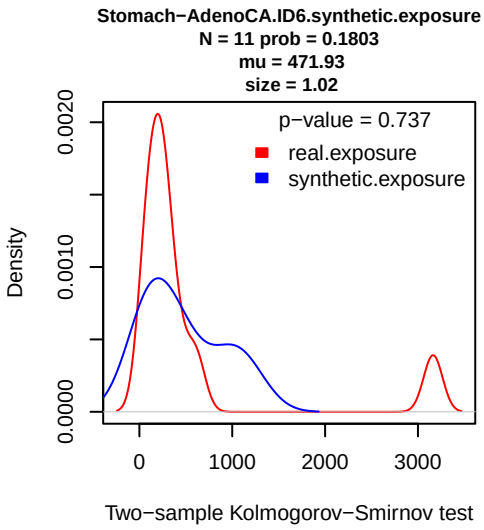

Stomach−AdenoCA.ID5.noisy.exposure
N = 37 prob = 0.6066
neg.binom.size = 10
mu = 287.86
size = 2.77
p−value = 0.966
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

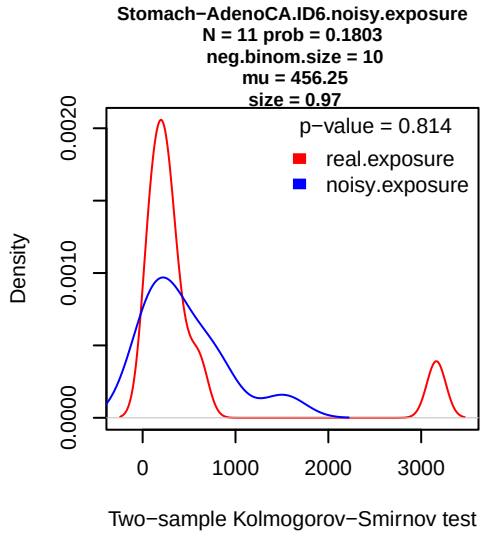

Stomach−AdenoCA.ID6.real.exposure
N = 10 prob = 0.1639
mu = 543.48
size = 0.83
Density
counts

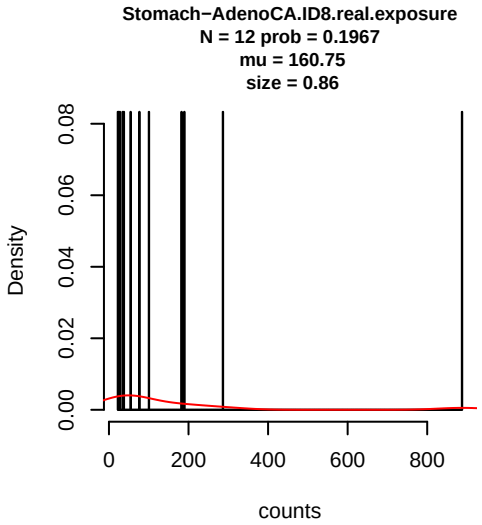

Stomach−AdenoCA.ID6.synthetic.exposure
N = 11 prob = 0.1803
mu = 471.93
size = 1.02
Density
counts

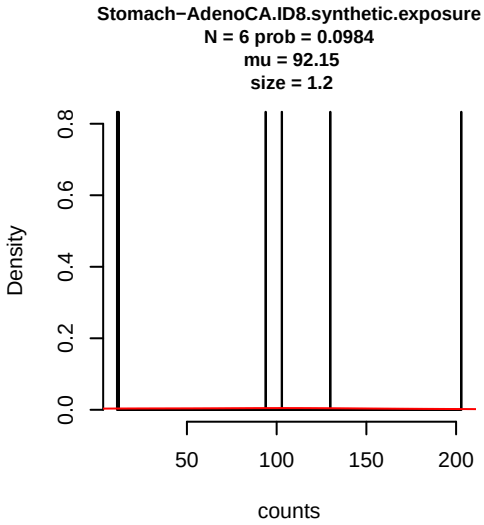

Stomach−AdenoCA.ID6.noisy.exposure
N = 11 prob = 0.1803
neg.binom.size = 10
mu = 456.25
size = 0.97
Density
counts

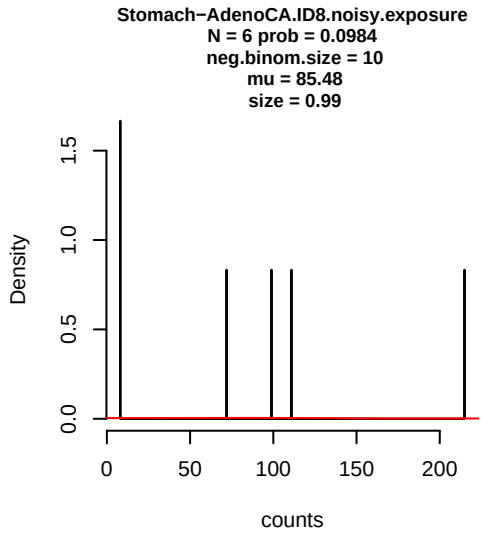

Stomach−AdenoCA.ID6.real.exposure
N = 10 prob = 0.1639
mu = 543.48
size = 0.83
Density
N = 10 Bandwidth = 101.9

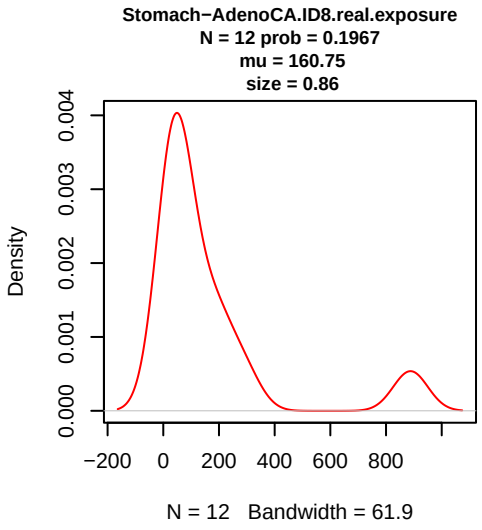

Stomach−AdenoCA.ID6.synthetic.exposure
N = 11 prob = 0.1803
mu = 471.93
size = 1.02
p−value = 0.737
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

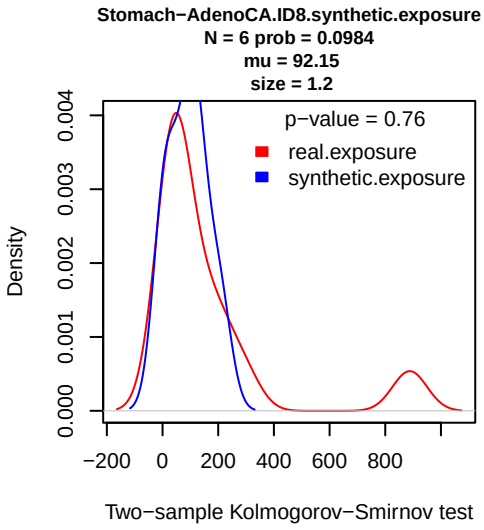

Stomach−AdenoCA.ID6.noisy.exposure
N = 11 prob = 0.1803
neg.binom.size = 10
mu = 456.25
size = 0.97
p−value = 0.814
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

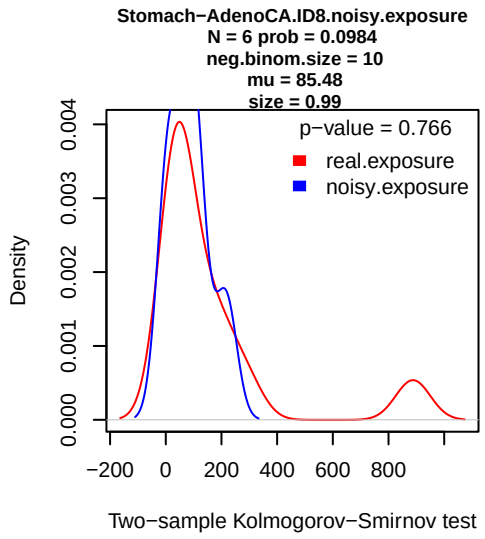

Stomach−AdenoCA.ID8.real.exposure
N = 12 prob = 0.1967
mu = 160.75
size = 0.86
Density
counts

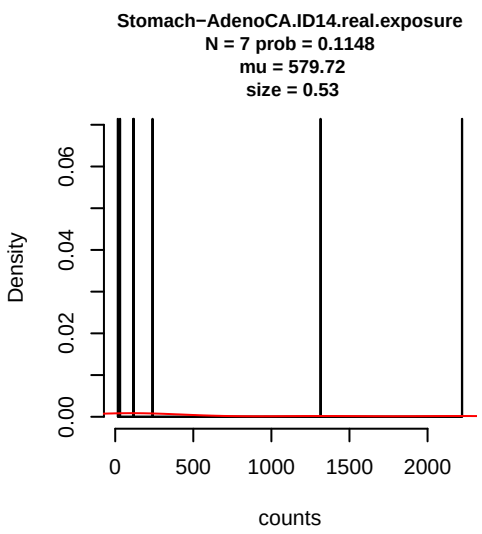

Stomach−AdenoCA.ID8.synthetic.exposure
N = 6 prob = 0.0984
mu = 92.15
size = 1.2
Density
counts

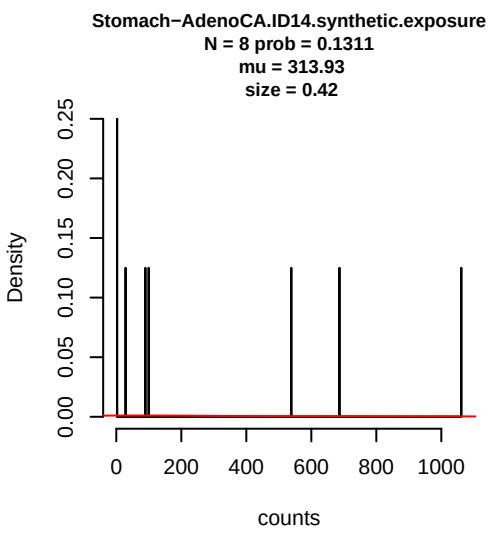

Stomach−AdenoCA.ID8.noisy.exposure
N = 6 prob = 0.0984
neg.binom.size = 10
mu = 85.48
size = 0.99
Density
counts

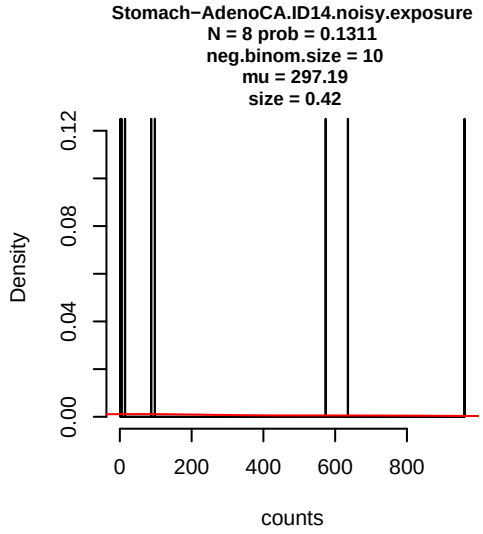

Stomach−AdenoCA.ID8.real.exposure
N = 12 prob = 0.1967
mu = 160.75
size = 0.86
Density
N = 12 Bandwidth = 61.9

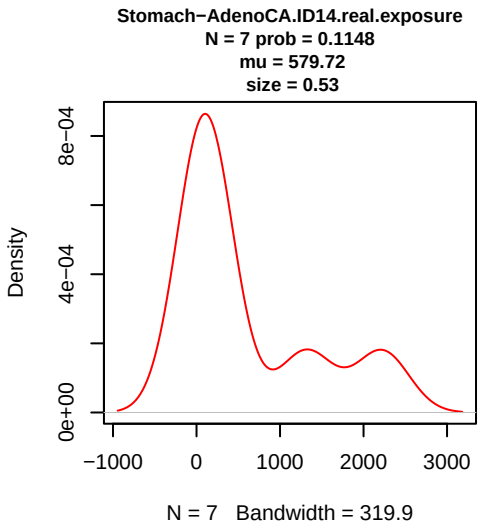

Stomach−AdenoCA.ID8.synthetic.exposure
N = 6 prob = 0.0984
mu = 92.15
size = 1.2
p−value = 0.76
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

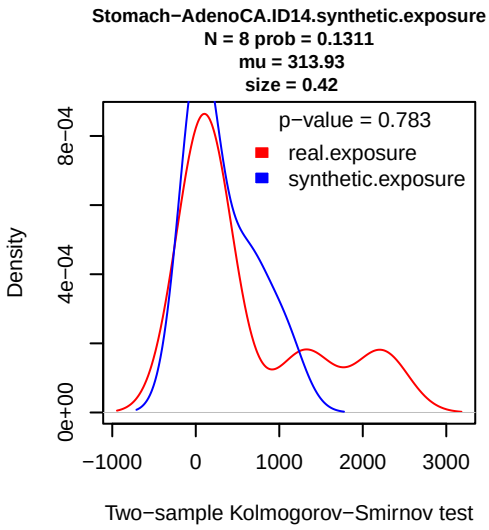

Stomach−AdenoCA.ID8.noisy.exposure
N = 6 prob = 0.0984
neg.binom.size = 10
mu = 85.48
size = 0.99
p−value = 0.766
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

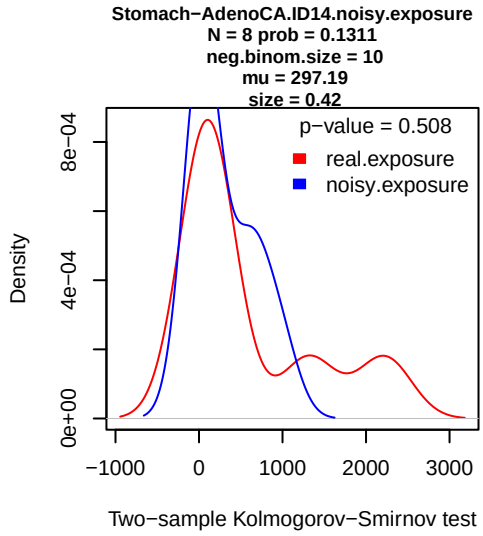

Stomach−AdenoCA.ID14.real.exposure
N = 7 prob = 0.1148
mu = 579.72
size = 0.53
Density
counts

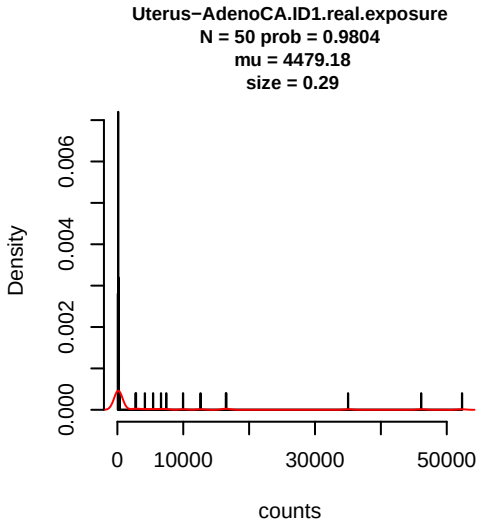

Stomach−AdenoCA.ID14.synthetic.exposure
N = 8 prob = 0.1311
mu = 313.93
size = 0.42
Density
counts

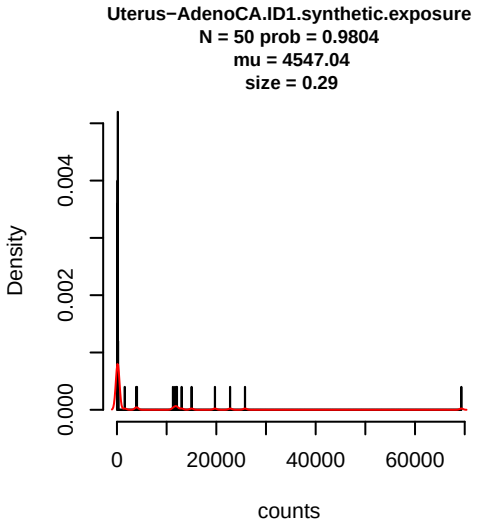

Stomach−AdenoCA.ID14.noisy.exposure
N = 8 prob = 0.1311
neg.binom.size = 10
mu = 297.19
size = 0.42
Density
counts

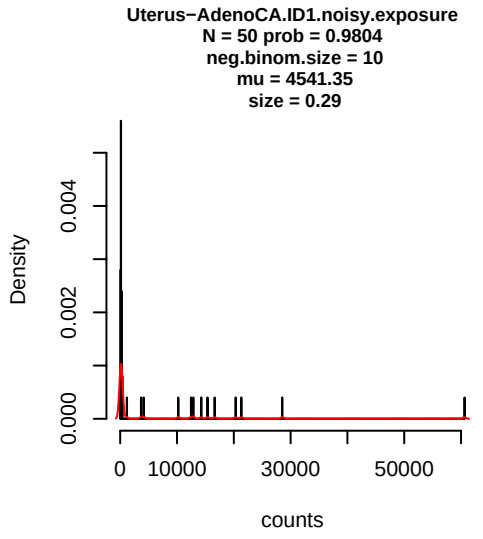

Stomach−AdenoCA.ID14.real.exposure
N = 7 prob = 0.1148
mu = 579.72
size = 0.53
Density
N = 7 Bandwidth = 319.9

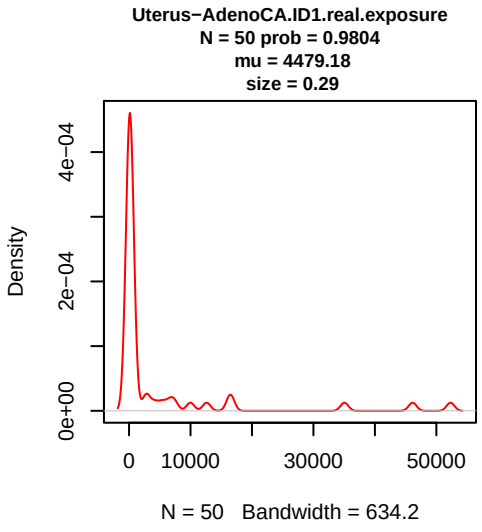

Stomach−AdenoCA.ID14.synthetic.exposure
N = 8 prob = 0.1311
mu = 313.93
size = 0.42
p−value = 0.783
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test

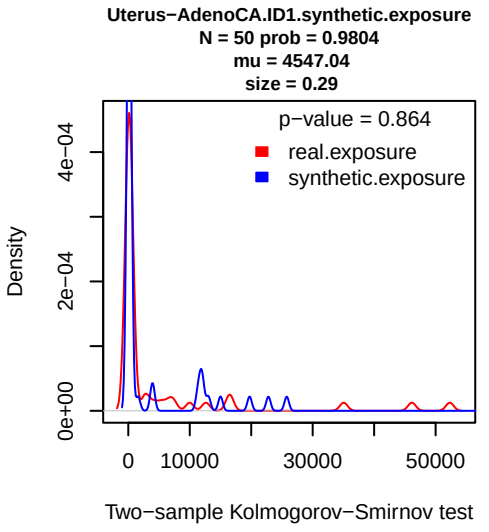

Stomach−AdenoCA.ID14.noisy.exposure
N = 8 prob = 0.1311
neg.binom.size = 10
mu = 297.19
size = 0.42
p−value = 0.508
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test

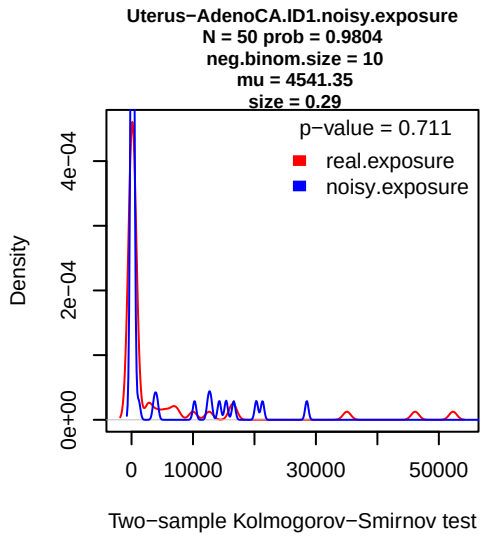

Uterus−AdenoCA.ID1.real.exposure
N = 50 prob = 0.9804
mu = 4479.18
size = 0.29
Density
counts

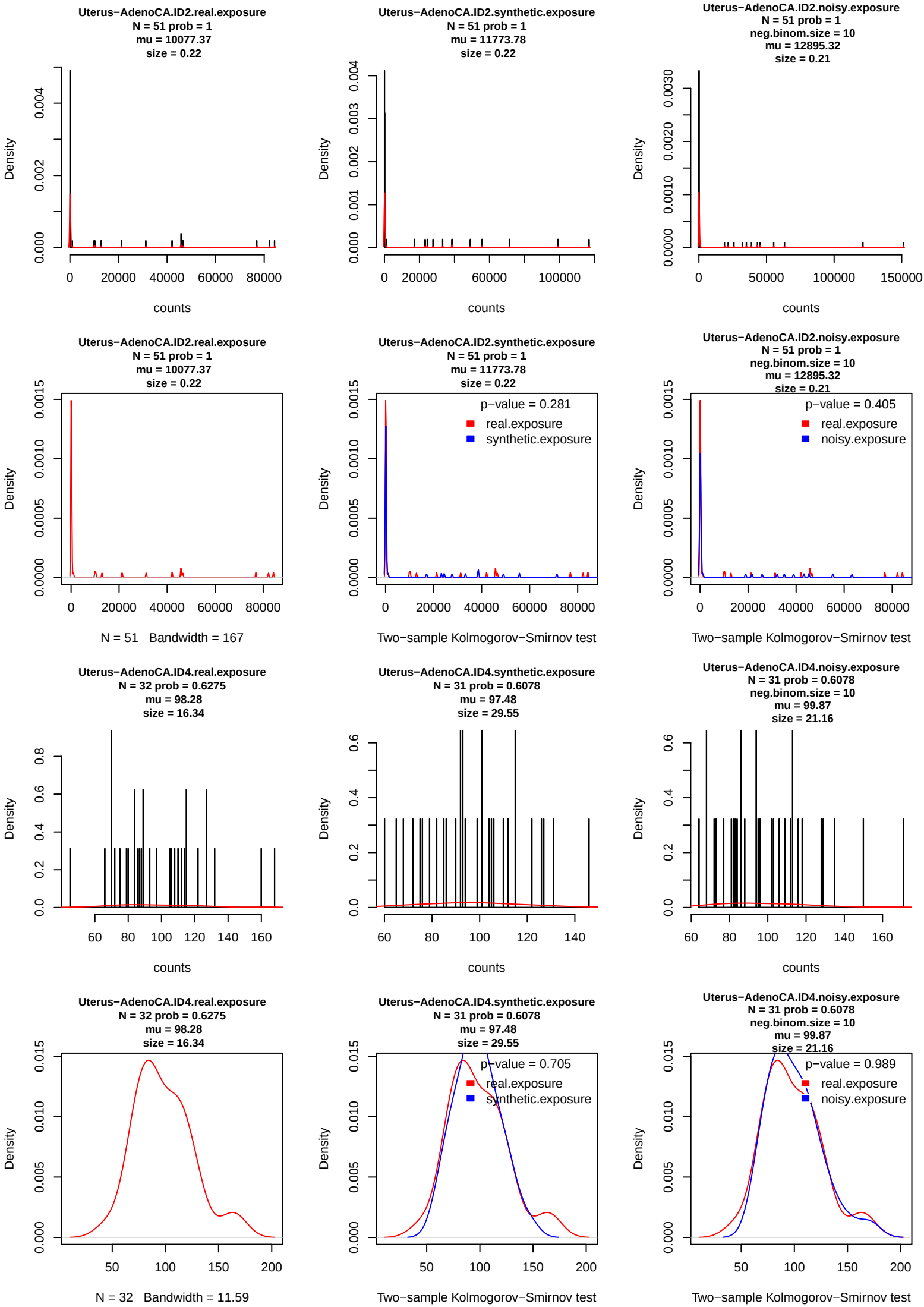

Uterus−AdenoCA.ID1.synthetic.exposure
N = 50 prob = 0.9804
mu = 4547.04
size = 0.29
Density
counts

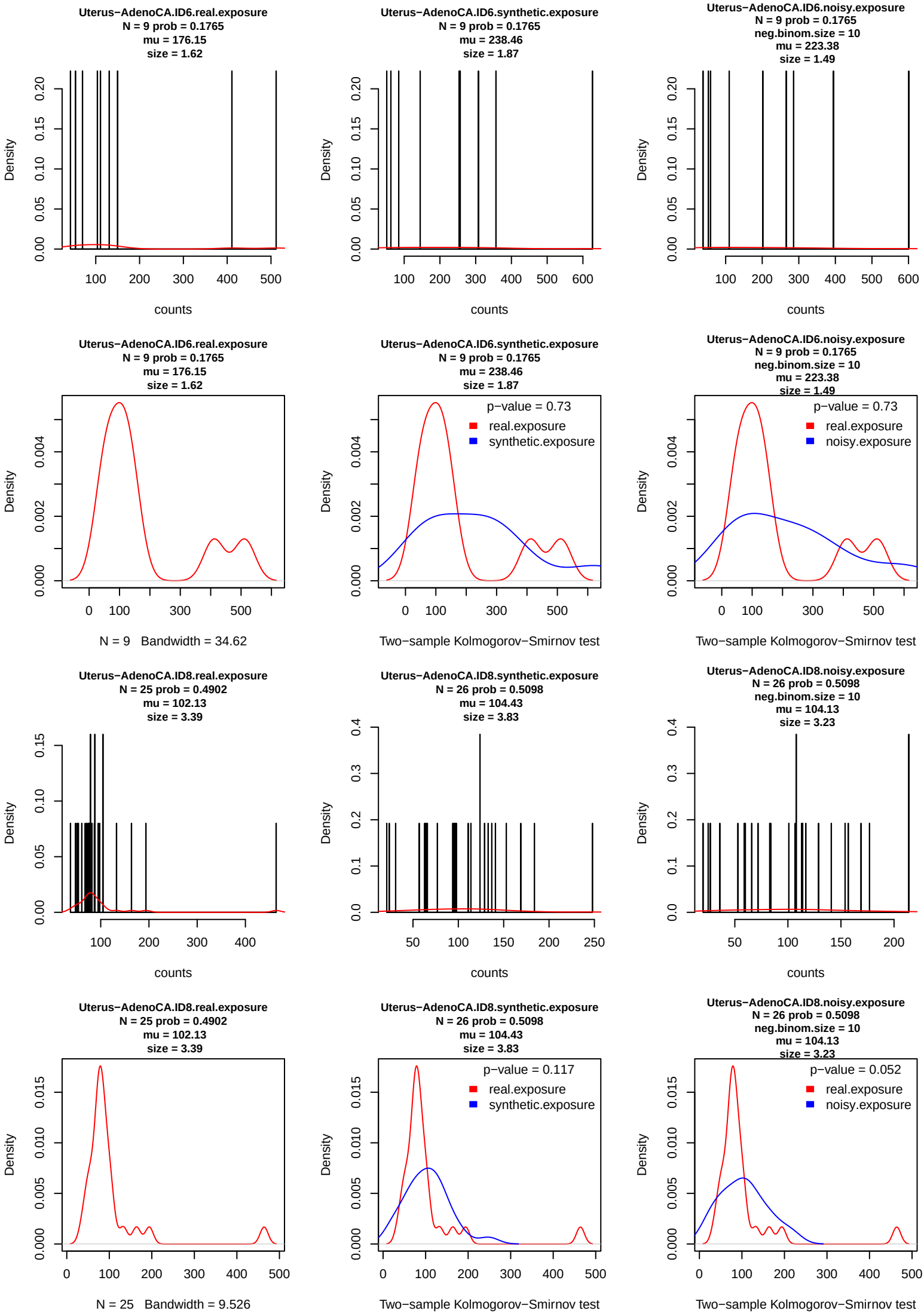

Uterus−AdenoCA.ID1.noisy.exposure
N = 50 prob = 0.9804
neg.binom.size = 10
mu = 4541.35
size = 0.29
Density
counts

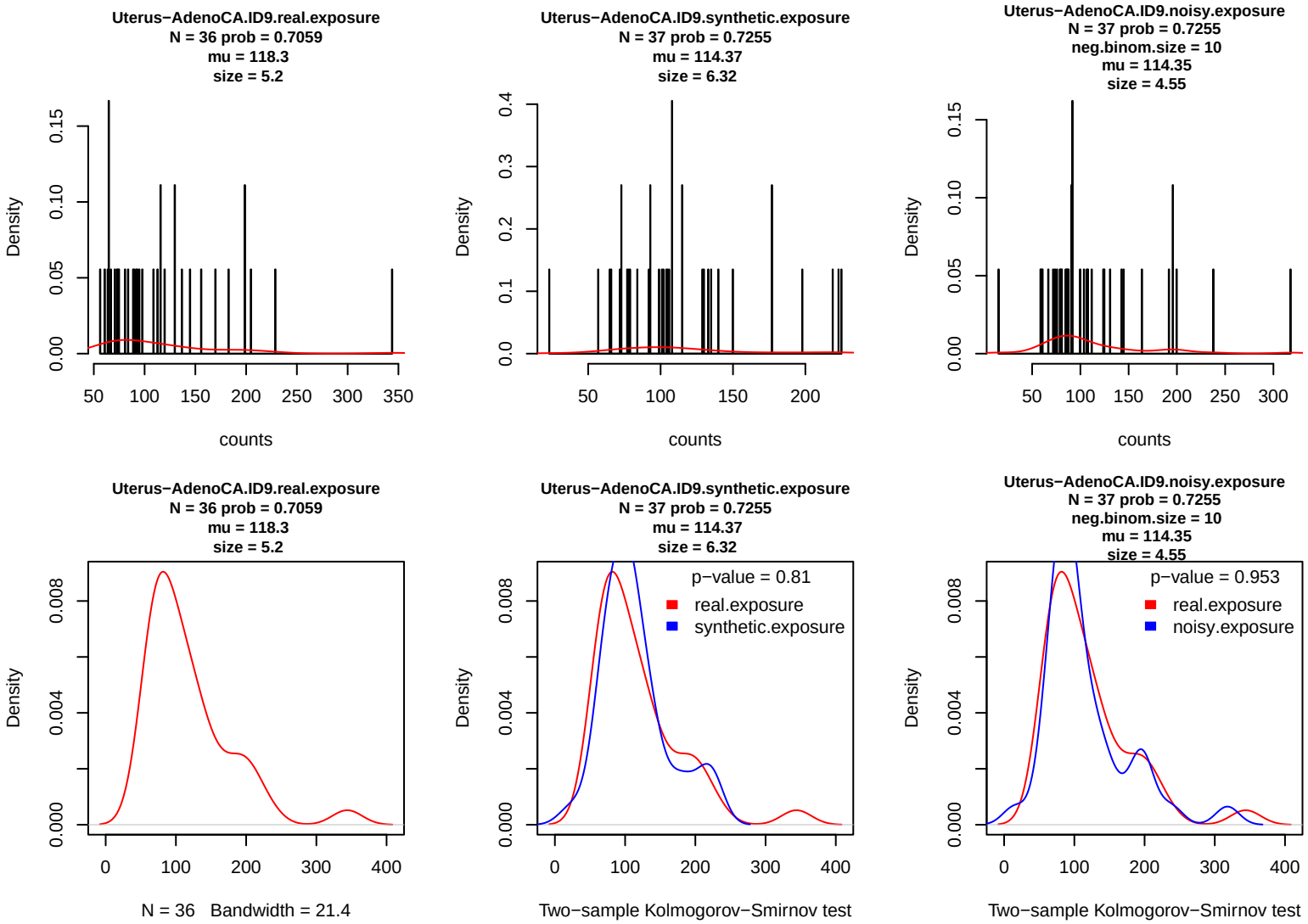

Uterus−AdenoCA.ID1.real.exposure
N = 50 prob = 0.9804
mu = 4479.18
size = 0.29
Density
N = 50 Bandwidth = 634.2


Uterus−AdenoCA.ID1.synthetic.exposure
N = 50 prob = 0.9804
mu = 4547.04
size = 0.29
p−value = 0.864
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test


Uterus−AdenoCA.ID1.noisy.exposure
N = 50 prob = 0.9804
neg.binom.size = 10
mu = 4541.35
size = 0.29
p−value = 0.711
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test


Uterus−AdenoCA.ID2.real.exposure
N = 51 prob = 1
mu = 10077.37
size = 0.22
Uterus−AdenoCA.ID2.synthetic.exposure
N = 51 prob = 1
mu = 11773.78
size = 0.22
Uterus−AdenoCA.ID2.noisy.exposure
N = 51 prob = 1
neg.binom.size = 10
mu = 12895.32
size = 0.21
Density
counts
Uterus−AdenoCA.ID2.real.exposure
N = 51 prob = 1
mu = 10077.37
size = 0.22
N = 51 Bandwidth = 167
Uterus−AdenoCA.ID2.synthetic.exposure
N = 51 prob = 1
mu = 11773.78
size = 0.22
p−value = 0.281
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
Uterus−AdenoCA.ID2.noisy.exposure
N = 51 prob = 1
neg.binom.size = 10
mu = 12895.32
size = 0.21
p−value = 0.405
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Uterus−AdenoCA.ID4.real.exposure
N = 32 prob = 0.6275
mu = 98.28
size = 16.34
Uterus−AdenoCA.ID4.synthetic.exposure
N = 31 prob = 0.6078
mu = 97.48
size = 29.55
Uterus−AdenoCA.ID4.noisy.exposure
N = 31 prob = 0.6078
neg.binom.size = 10
mu = 99.87
size = 21.16
Uterus−AdenoCA.ID4.real.exposure
N = 32 prob = 0.6275
mu = 98.28
size = 16.34
N = 32 Bandwidth = 11.59
Uterus−AdenoCA.ID4.synthetic.exposure
N = 31 prob = 0.6078
mu = 97.48
size = 29.55
p−value = 0.705
real.exposure
synthetic.exposure
Two−sample Kolmogorov−Smirnov test
Uterus−AdenoCA.ID4.noisy.exposure
N = 31 prob = 0.6078
neg.binom.size = 10
mu = 99.87
size = 21.16
p−value = 0.989
real.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test


Uterus−AdenoCA.ID6.real.exposure
N = 9 prob = 0.1765
mu = 176.15
size = 1.62
Uterus−AdenoCA.ID6.synthetic.exposure
N = 9 prob = 0.1765
mu = 238.46
size = 1.87
Uterus−AdenoCA.ID6.noisy.exposure
N = 9 prob = 0.1765
neg.binom.size = 10
mu = 223.38
size = 1.49
Density
counts
N = 9 Bandwidth = 34.62
p−value = 0.73
real.exposure
synthetic.exposure
noisy.exposure
Two−sample Kolmogorov−Smirnov test
Uterus−AdenoCA.ID8.real.exposure
N = 25 prob = 0.4902
mu = 102.13
size = 3.39
Uterus−AdenoCA.ID8.synthetic.exposure
N = 26 prob = 0.5098
mu = 104.43
size = 3.83
Uterus−AdenoCA.ID8.noisy.exposure
N = 26 prob = 0.5098
neg.binom.size = 10
mu = 104.13
size = 3.23
N = 25 Bandwidth = 9.526
p−value = 0.117
p−value = 0.052


Uterus−AdenoCA.ID9.real.exposure
N = 36 prob = 0.7059
mu = 118.3
size = 5.2
Density
counts
Uterus−AdenoCA.ID9.synthetic.exposure
N = 37 prob = 0.7255
mu = 114.37
size = 6.32
Density
counts
Uterus−AdenoCA.ID9.noisy.exposure
N = 37 prob = 0.7255
neg.binom.size = 10
mu = 114.35
size = 4.55
Density
counts
Uterus−AdenoCA.ID9.real.exposure
N = 36 prob = 0.7059
mu = 118.3
size = 5.2
Density
N = 36 Bandwidth = 21.4
Uterus−AdenoCA.ID9.synthetic.exposure
N = 37 prob = 0.7255
mu = 114.37
size = 6.32
p−value = 0.81
real.exposure
synthetic.exposure
Density
Two−sample Kolmogorov−Smirnov test
Uterus−AdenoCA.ID9.noisy.exposure
N = 37 prob = 0.7255
neg.binom.size = 10
mu = 114.35
size = 4.55
p−value = 0.953
real.exposure
noisy.exposure
Density
Two−sample Kolmogorov−Smirnov test