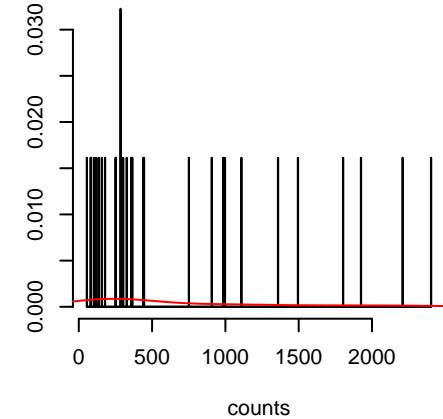
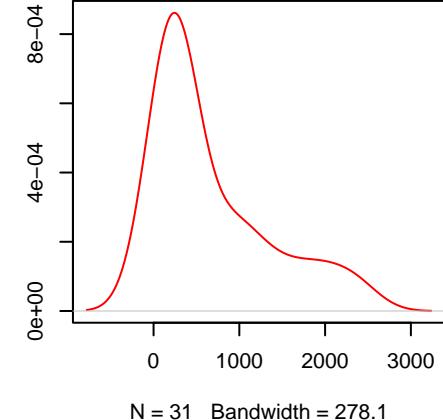


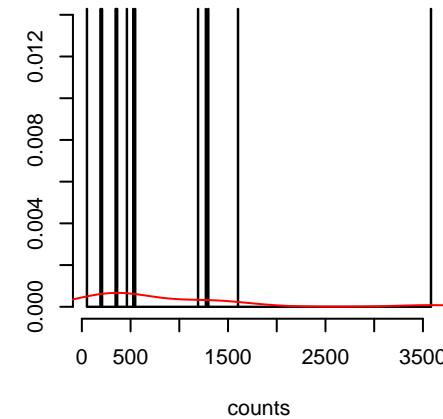
Biliary-AdenoCA.SBS1.real.exposure  
N = 31 prob = 1  
mu = 665.21  
size = 1.09



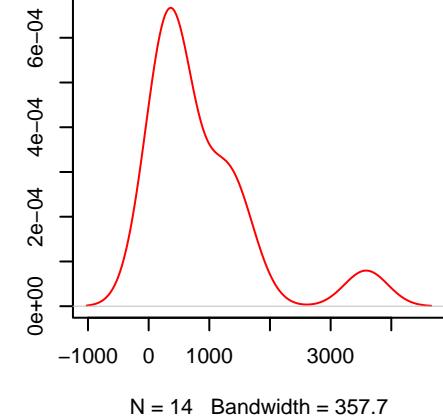
Biliary-AdenoCA.SBS1.real.exposure  
N = 31 prob = 1  
mu = 665.21  
size = 1.09



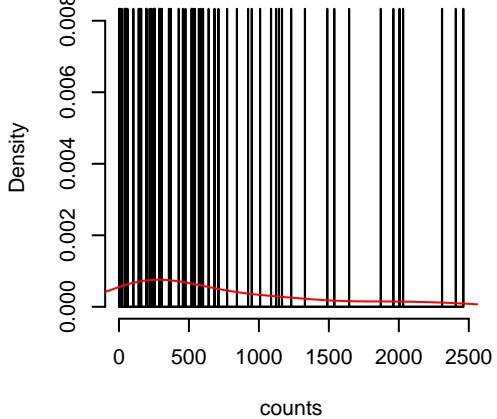
Biliary-AdenoCA.SBS2.real.exposure  
N = 14 prob = 0.4516  
mu = 857.33  
size = 1.18



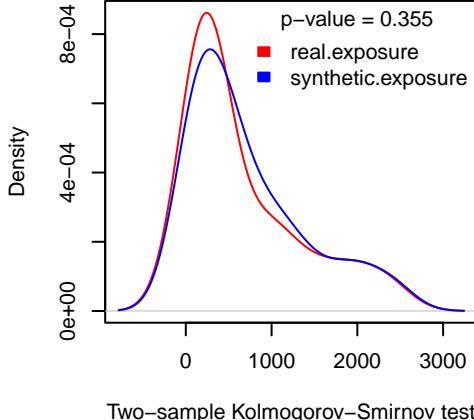
Biliary-AdenoCA.SBS2.real.exposure  
N = 14 prob = 0.4516  
mu = 857.33  
size = 1.18



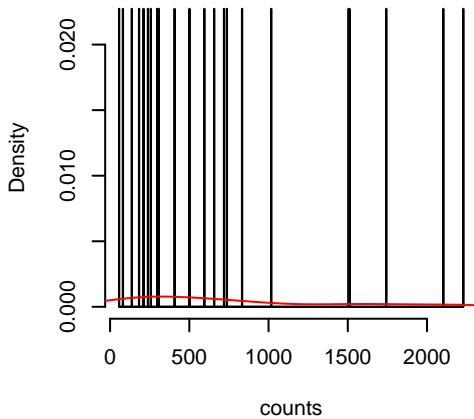
Biliary-AdenoCA.SBS1.synthetic.exposure  
N = 60 prob = 1  
mu = 714.85  
size = 0.86



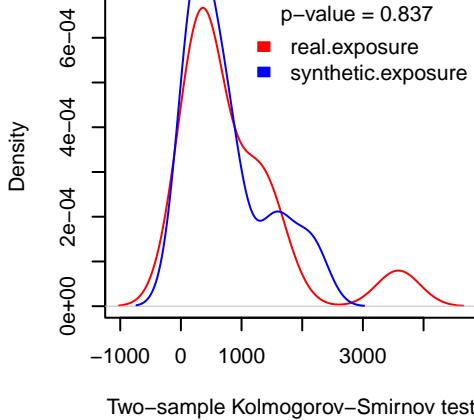
Biliary-AdenoCA.SBS1.synthetic.exposure  
N = 60 prob = 1  
mu = 714.85  
size = 0.86



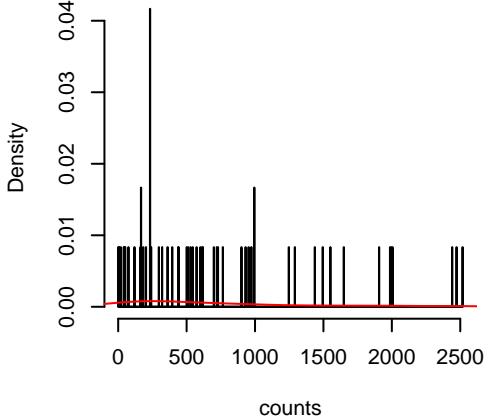
Biliary-AdenoCA.SBS2.synthetic.exposure  
N = 22 prob = 0.3667  
mu = 742.73  
size = 1.29



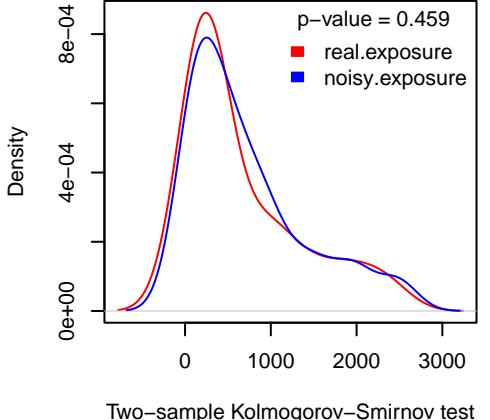
Biliary-AdenoCA.SBS2.synthetic.exposure  
N = 22 prob = 0.3667  
mu = 742.73  
size = 1.29



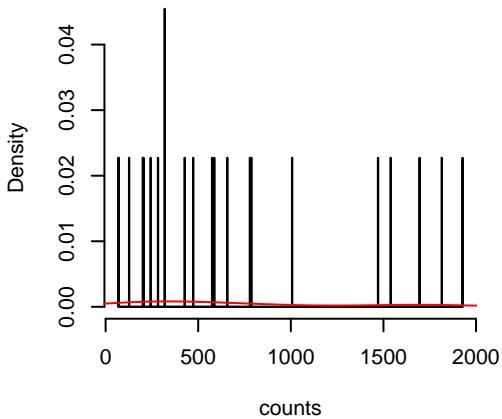
Biliary-AdenoCA.SBS1.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 722.73  
size = 0.86



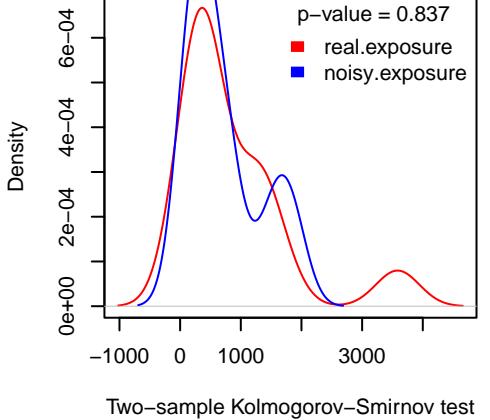
Biliary-AdenoCA.SBS1.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 722.73  
size = 0.86



Biliary-AdenoCA.SBS2.noisy.exposure  
N = 22 prob = 0.3667  
neg.binom.size = 30  
mu = 708.34  
size = 1.38

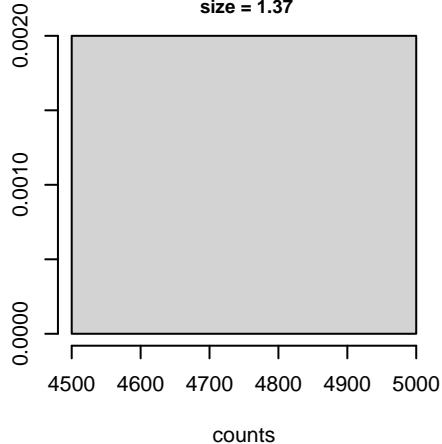


Biliary-AdenoCA.SBS2.noisy.exposure  
N = 22 prob = 0.3667  
neg.binom.size = 30  
mu = 708.34  
size = 1.38

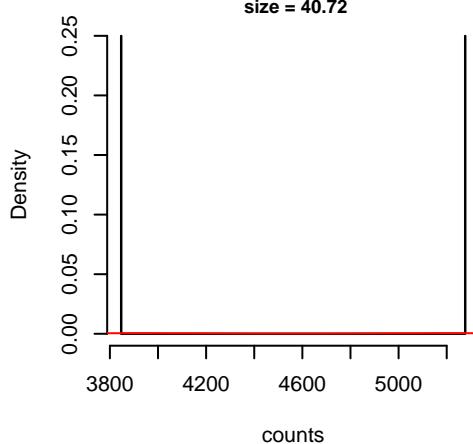


**Biliary-AdenoCA.SBS3.real.exposure**

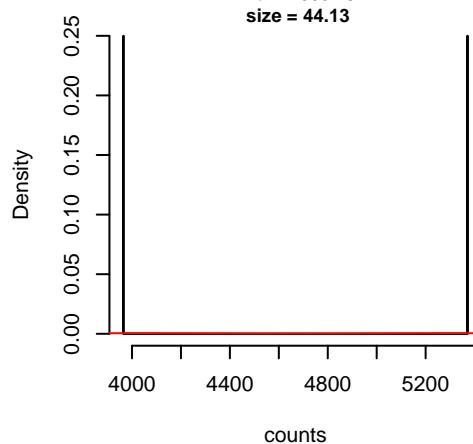
N = 1 prob = 0.0323  
mu = 4741  
size = 1.37

**Biliary-AdenoCA.SBS3.synthetic.exposure**

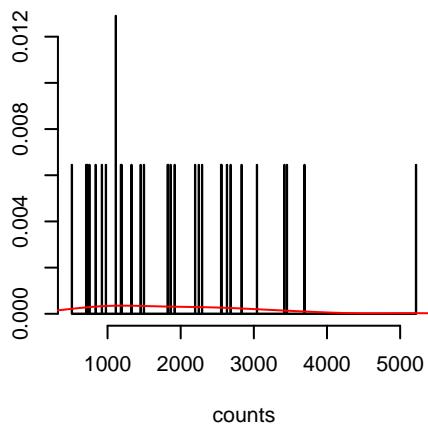
N = 2 prob = 0.0333  
mu = 4561.9  
size = 40.72

**Biliary-AdenoCA.SBS3.noisy.exposure**

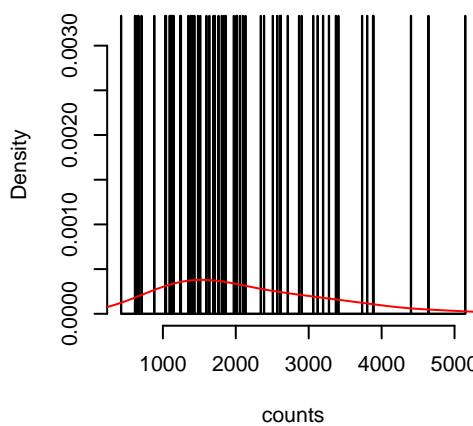
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 4668.29  
size = 44.13

**Biliary-AdenoCA.SBS5.real.exposure**

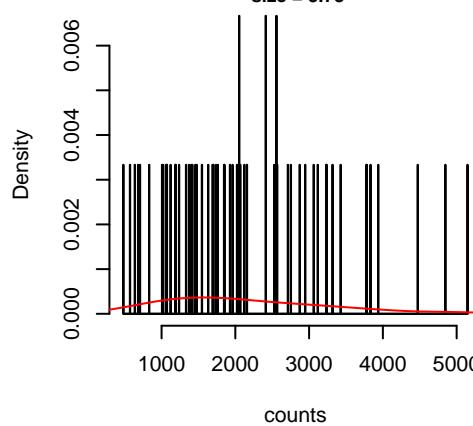
N = 31 prob = 1  
mu = 1954.91  
size = 3.44

**Biliary-AdenoCA.SBS5.synthetic.exposure**

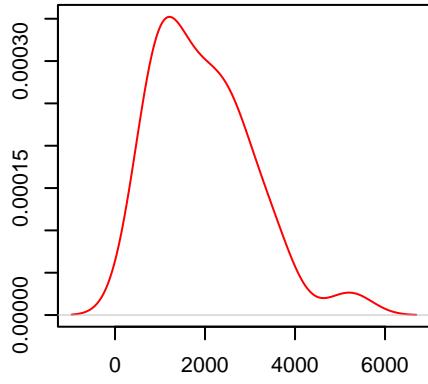
N = 60 prob = 1  
mu = 2122.25  
size = 3.83

**Biliary-AdenoCA.SBS5.noisy.exposure**

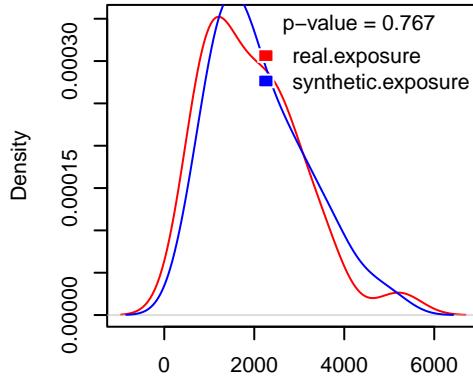
N = 60 prob = 1  
neg.binom.size = 30  
mu = 2133.89  
size = 3.78

**Biliary-AdenoCA.SBS5.real.exposure**

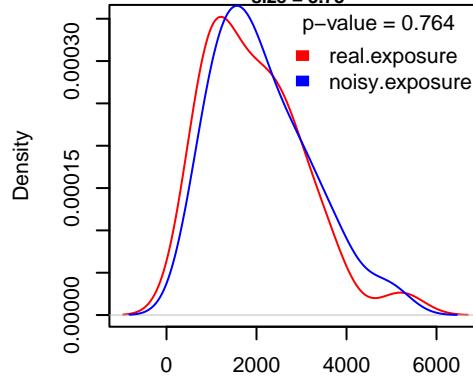
N = 31 prob = 1  
mu = 1954.91  
size = 3.44

**Biliary-AdenoCA.SBS5.synthetic.exposure**

N = 60 prob = 1  
mu = 2122.25  
size = 3.83

**Biliary-AdenoCA.SBS5.noisy.exposure**

N = 60 prob = 1  
neg.binom.size = 30  
mu = 2133.89  
size = 3.78

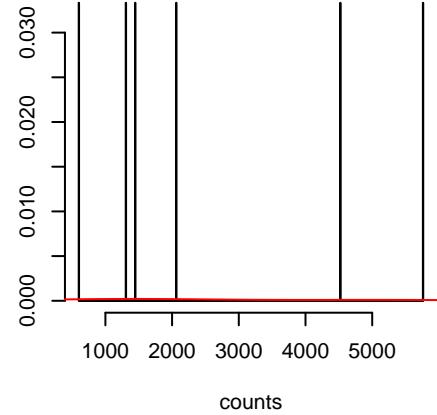


Two-sample Kolmogorov-Smirnov test

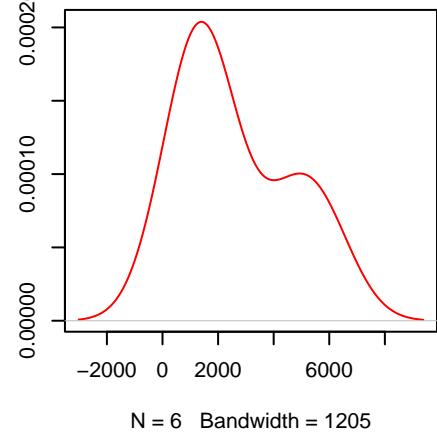
Two-sample Kolmogorov-Smirnov test

**Biliary-AdenoCA.SBS12.real.exposure**

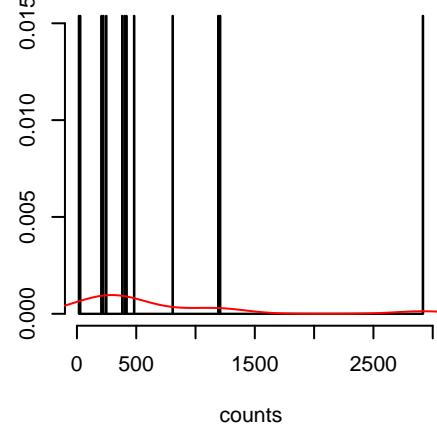
N = 6 prob = 0.1935  
mu = 2618.33  
size = 1.96

**Biliary-AdenoCA.SBS12.real.exposure**

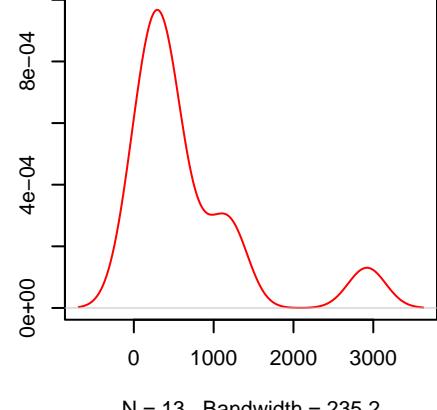
N = 6 prob = 0.1935  
mu = 2618.33  
size = 1.96

**Biliary-AdenoCA.SBS13.real.exposure**

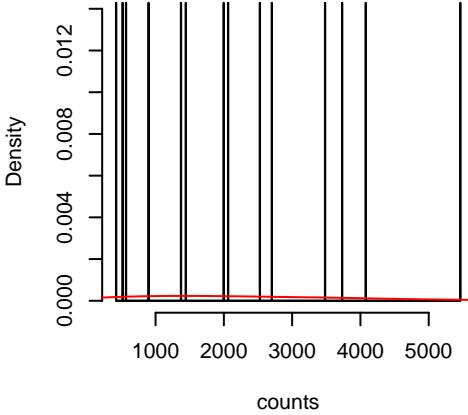
N = 13 prob = 0.4194  
mu = 656.4  
size = 0.85

**Biliary-AdenoCA.SBS13.real.exposure**

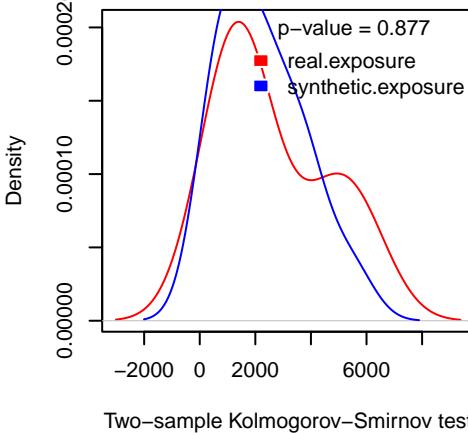
N = 13 prob = 0.4194  
mu = 656.4  
size = 0.85

**Biliary-AdenoCA.SBS12.synthetic.exposure**

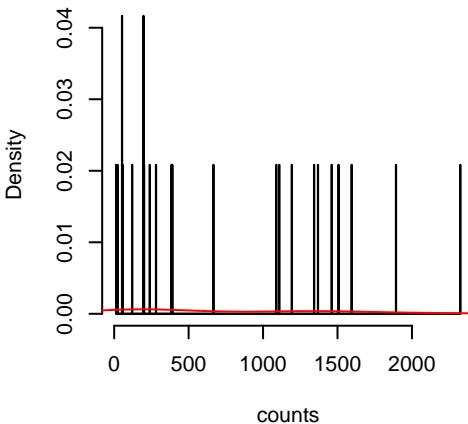
N = 14 prob = 0.2333  
mu = 2233.26  
size = 2.02

**Biliary-AdenoCA.SBS12.synthetic.exposure**

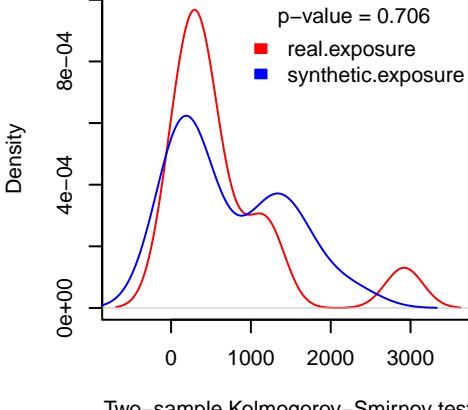
N = 14 prob = 0.2333  
mu = 2233.26  
size = 2.02

**Biliary-AdenoCA.SBS13.synthetic.exposure**

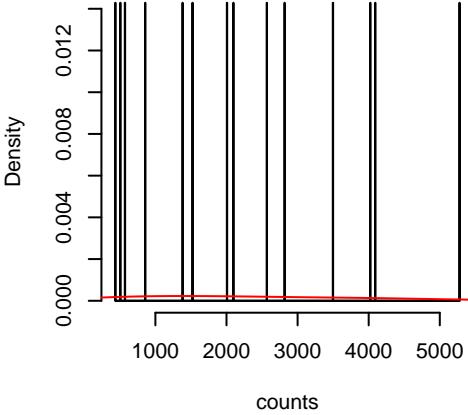
N = 24 prob = 0.4  
mu = 740.71  
size = 0.8

**Biliary-AdenoCA.SBS13.synthetic.exposure**

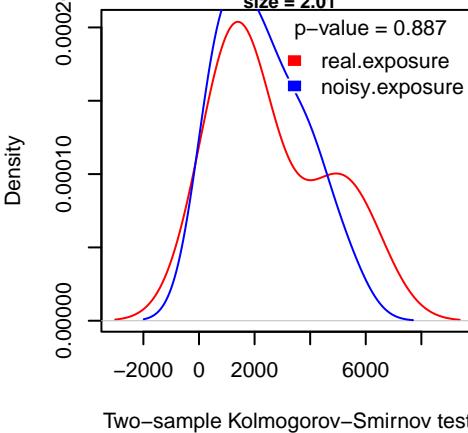
N = 24 prob = 0.4  
mu = 740.71  
size = 0.8

**Biliary-AdenoCA.SBS12.noisy.exposure**

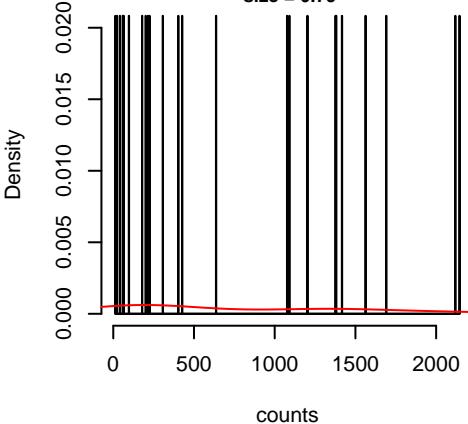
N = 14 prob = 0.2333  
neg.binom.size = 30  
mu = 2261.88  
size = 2.01

**Biliary-AdenoCA.SBS12.noisy.exposure**

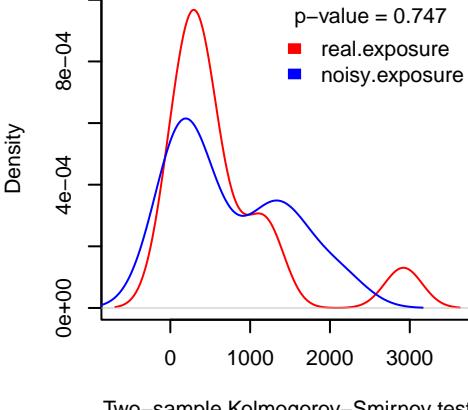
N = 14 prob = 0.2333  
neg.binom.size = 30  
mu = 2261.88  
size = 2.01

**Biliary-AdenoCA.SBS13.noisy.exposure**

N = 24 prob = 0.4  
neg.binom.size = 30  
mu = 748.65  
size = 0.79

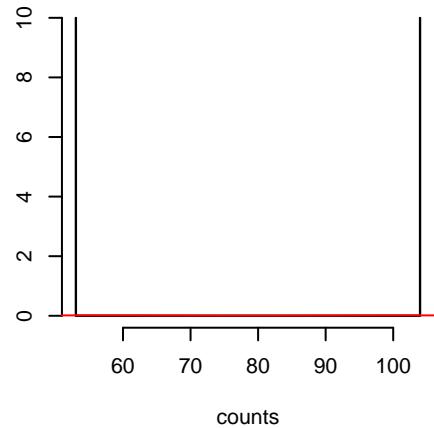
**Biliary-AdenoCA.SBS13.noisy.exposure**

N = 24 prob = 0.4  
neg.binom.size = 30  
mu = 748.65  
size = 0.79

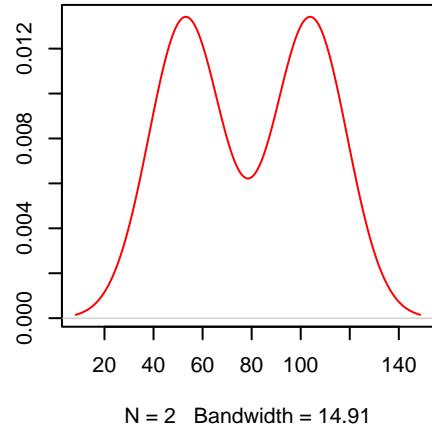


**Biliary-AdenoCA.SBS17a.real.exposure**

N = 2 prob = 0.0645  
mu = 78.5  
size = 10.34

**Biliary-AdenoCA.SBS17a.real.exposure**

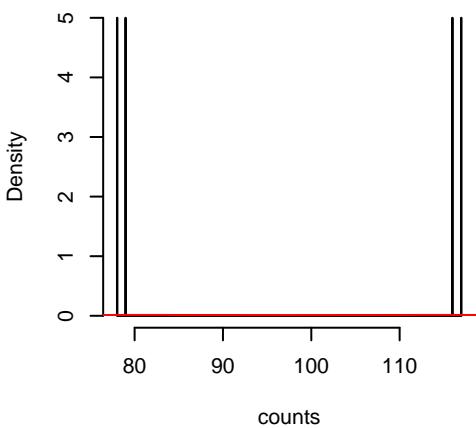
N = 2 prob = 0.0645  
mu = 78.5  
size = 10.34

**Biliary-AdenoCA.SBS17a.synthetic.exposure**

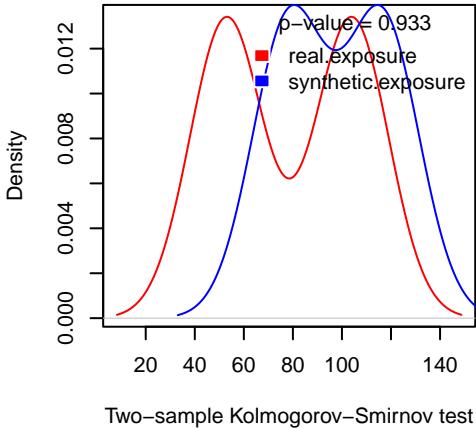
N = 4 prob = 0.0667  
mu = 97.5  
size = 35.46

**Biliary-AdenoCA.SBS17a.synthetic.exposure**

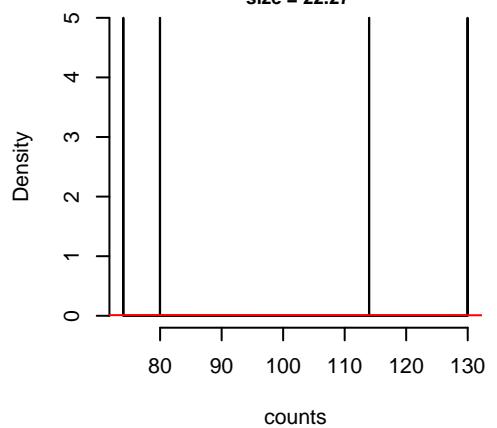
N = 4 prob = 0.0667  
mu = 97.5  
size = 35.46

**Biliary-AdenoCA.SBS17a.synthetic.exposure**

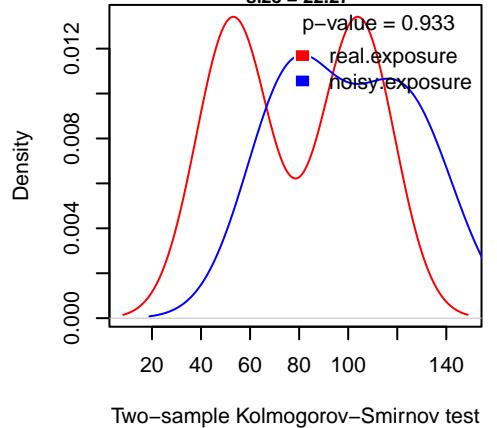
N = 4 prob = 0.0667  
mu = 97.5  
size = 35.46

**Biliary-AdenoCA.SBS17a.noisy.exposure**

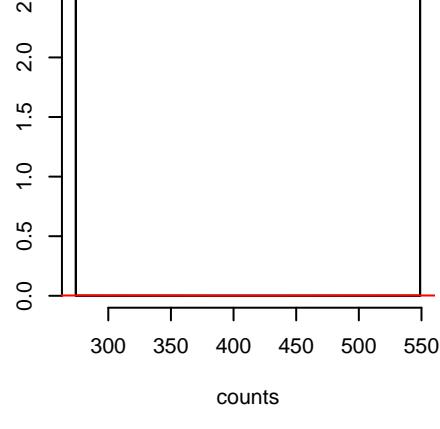
N = 4 prob = 0.0667  
neg.binom.size = 30  
mu = 99.49  
size = 22.27

**Biliary-AdenoCA.SBS17a.noisy.exposure**

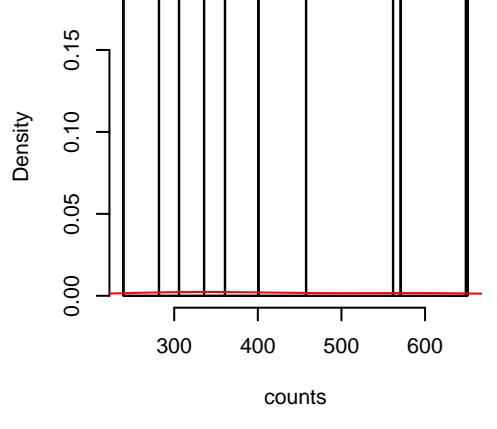
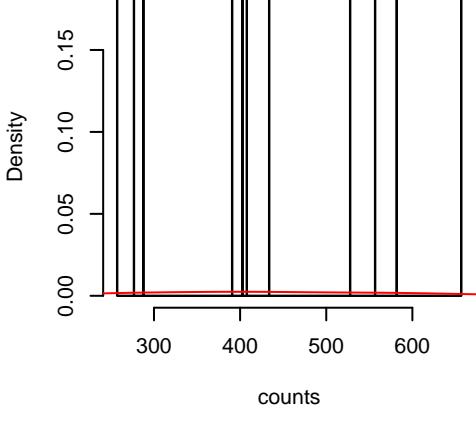
N = 4 prob = 0.0667  
neg.binom.size = 30  
mu = 99.49  
size = 22.27

**Biliary-AdenoCA.SBS17b.real.exposure**

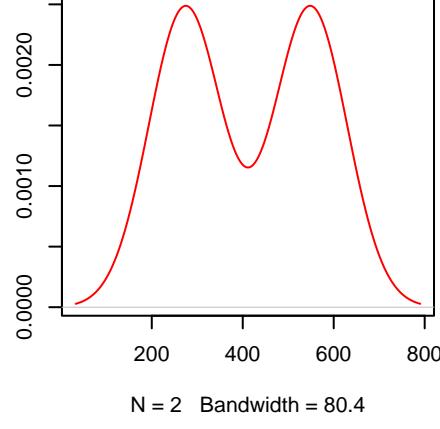
N = 2 prob = 0.0645  
mu = 411.52  
size = 8.79

**Biliary-AdenoCA.SBS17b.synthetic.exposure**

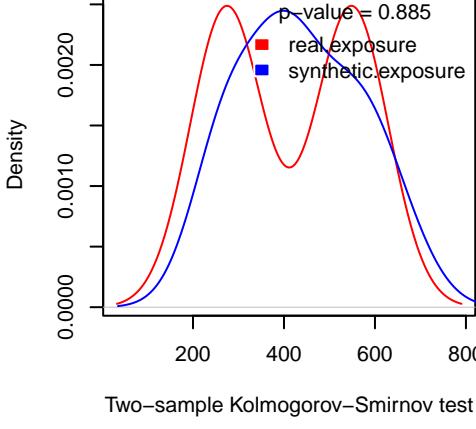
N = 11 prob = 0.1833  
mu = 434.76  
size = 11.75

**Biliary-AdenoCA.SBS17b.real.exposure**

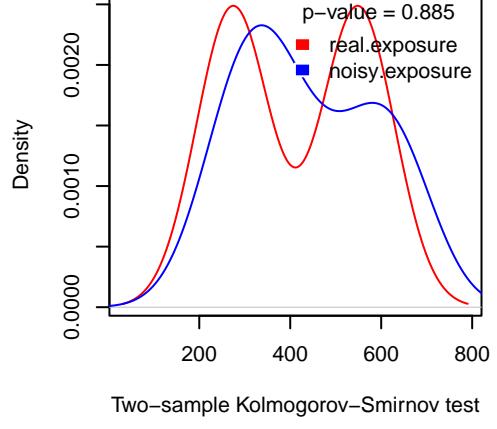
N = 2 prob = 0.0645  
mu = 411.52  
size = 8.79

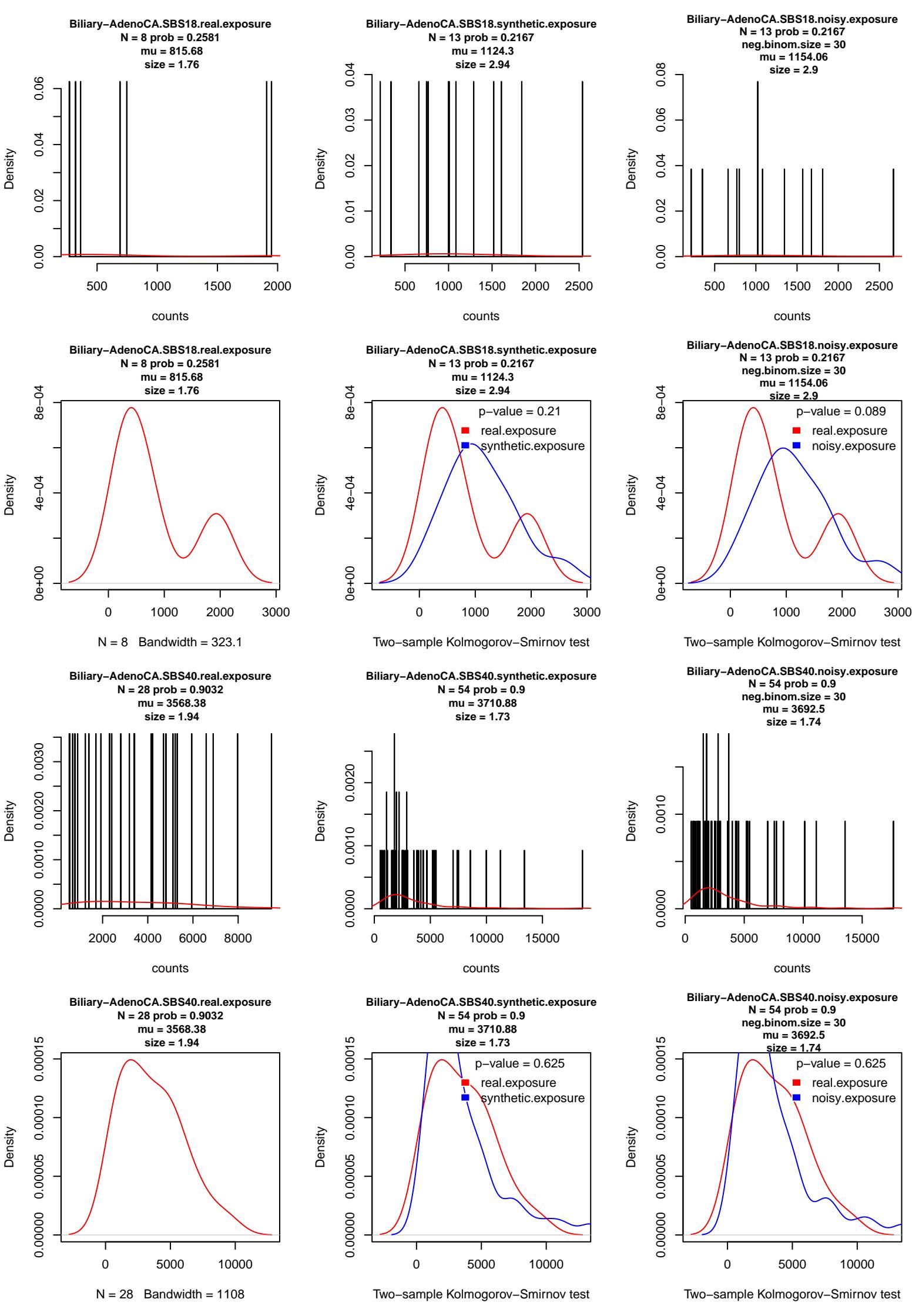
**Biliary-AdenoCA.SBS17b.synthetic.exposure**

N = 11 prob = 0.1833  
mu = 434.76  
size = 11.75

**Biliary-AdenoCA.SBS17b.noisy.exposure**

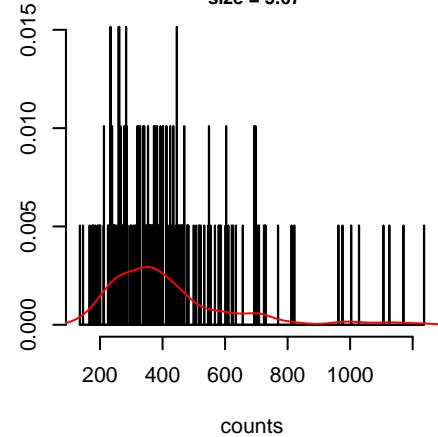
N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 437.83  
size = 9.57



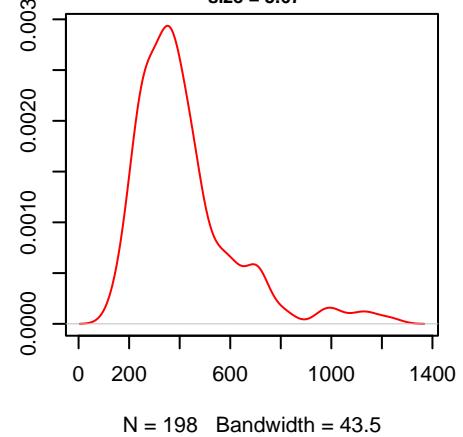


**Breast-AdenoCA.SBS1.real.exposure**

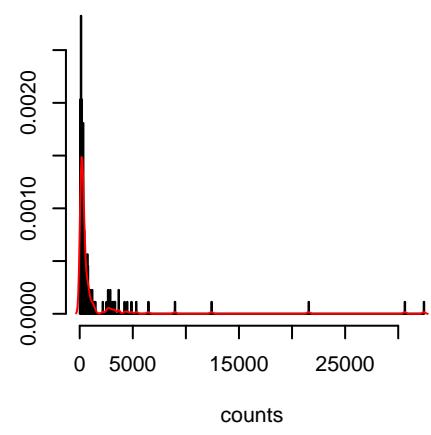
N = 198 prob = 1  
mu = 416.53  
size = 5.67

**Breast-AdenoCA.SBS1.real.exposure**

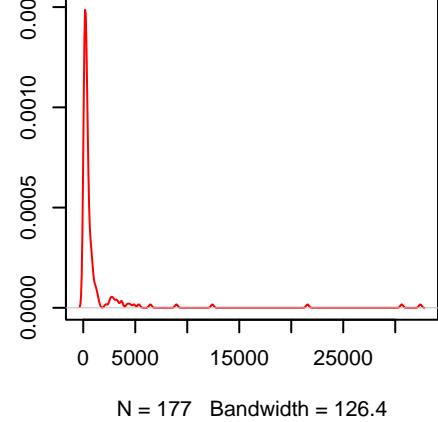
N = 198 prob = 1  
mu = 416.53  
size = 5.67

**Breast-AdenoCA.SBS2.real.exposure**

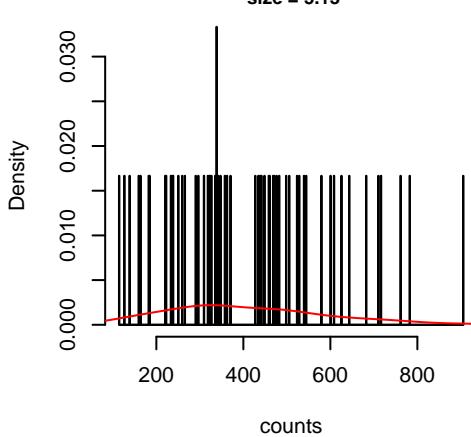
N = 177 prob = 0.8939  
mu = 1240.71  
size = 0.52

**Breast-AdenoCA.SBS2.real.exposure**

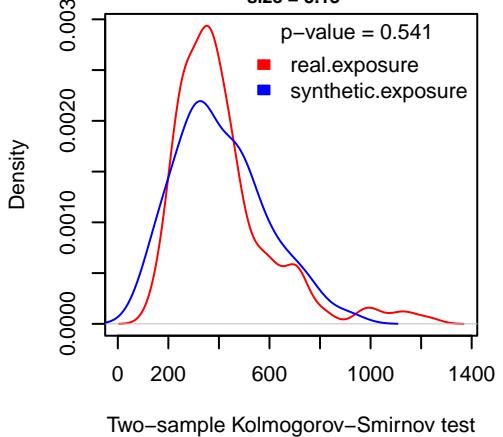
N = 177 prob = 0.8939  
mu = 1240.71  
size = 0.52

**Breast-AdenoCA.SBS1.synthetic.exposure**

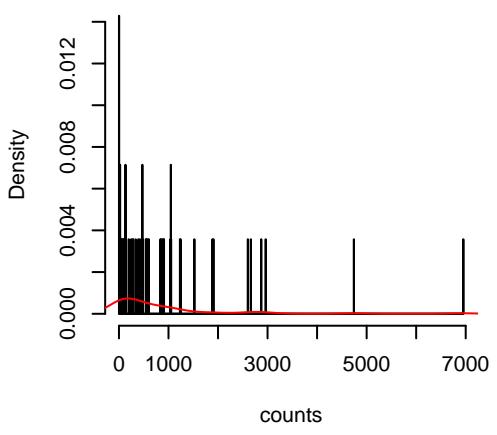
N = 60 prob = 1  
mu = 407.47  
size = 5.13

**Breast-AdenoCA.SBS1.synthetic.exposure**

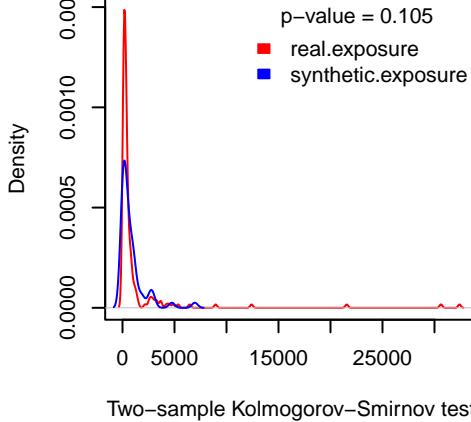
N = 60 prob = 1  
mu = 407.47  
size = 5.13

**Breast-AdenoCA.SBS2.synthetic.exposure**

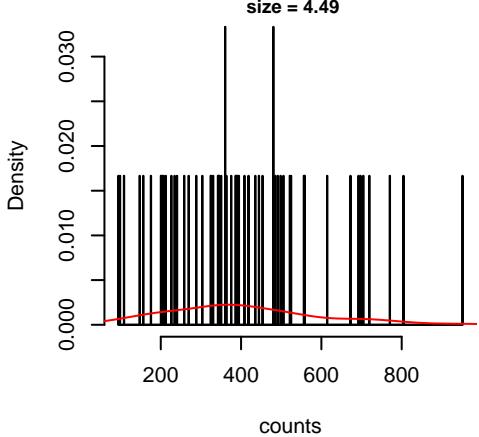
N = 56 prob = 0.9333  
mu = 837.3  
size = 0.52

**Breast-AdenoCA.SBS2.synthetic.exposure**

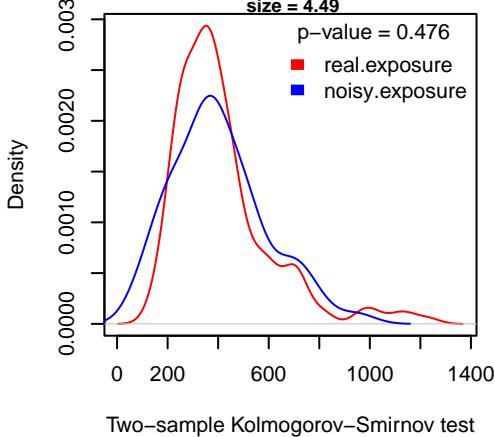
N = 56 prob = 0.9333  
mu = 837.3  
size = 0.52

**Breast-AdenoCA.SBS1.noisy.exposure**

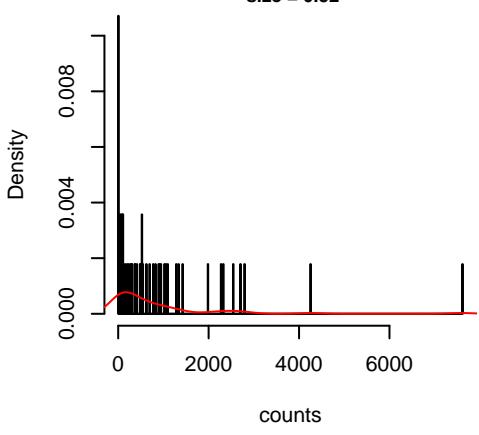
N = 60 prob = 1  
neg.binom.size = 30  
mu = 403.76  
size = 4.49

**Breast-AdenoCA.SBS1.noisy.exposure**

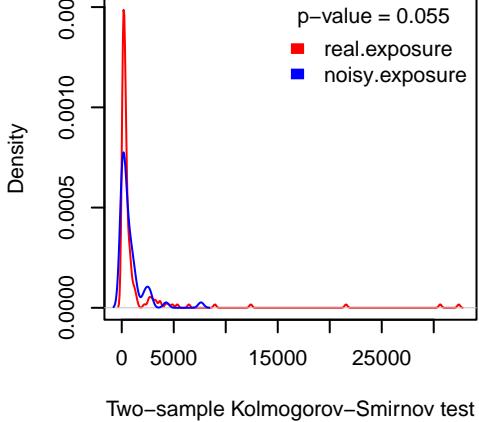
N = 60 prob = 1  
neg.binom.size = 30  
mu = 403.76  
size = 4.49

**Breast-AdenoCA.SBS2.noisy.exposure**

N = 56 prob = 0.9333  
neg.binom.size = 30  
mu = 824.13  
size = 0.52

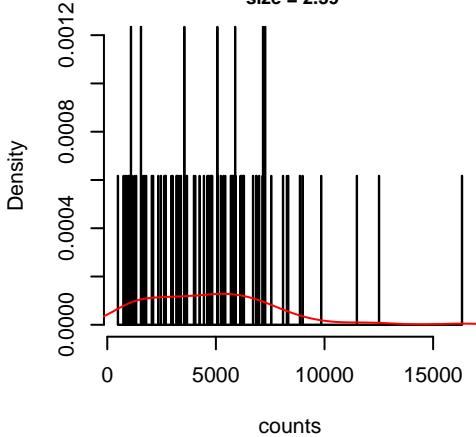
**Breast-AdenoCA.SBS2.noisy.exposure**

N = 56 prob = 0.9333  
neg.binom.size = 30  
mu = 824.13  
size = 0.52

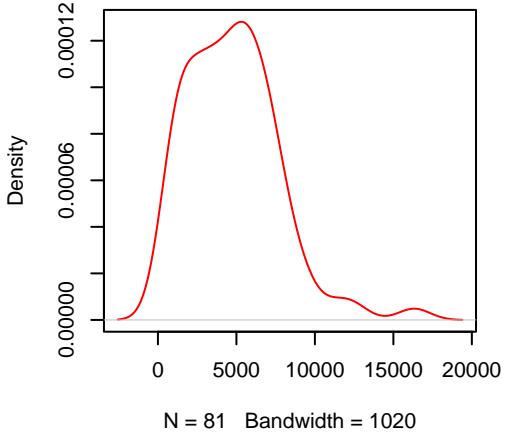


**Breast-AdenoCA.SBS3.real.exposure**

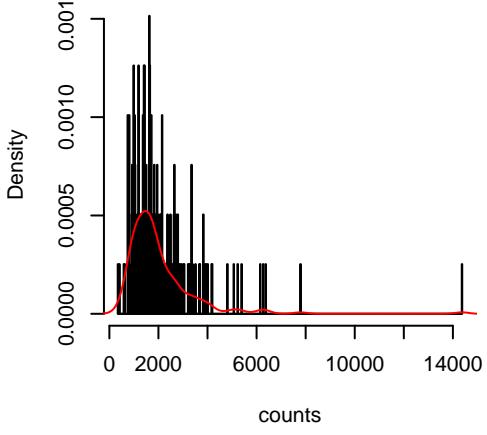
N = 81 prob = 0.4091  
mu = 4760.33  
size = 2.39

**Breast-AdenoCA.SBS3.real.exposure**

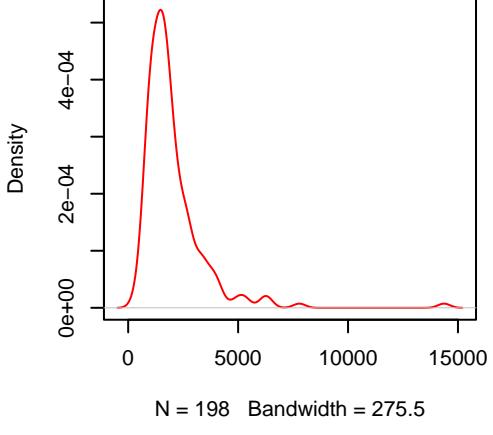
N = 81 prob = 0.4091  
mu = 4760.33  
size = 2.39

**Breast-AdenoCA.SBS5.real.exposure**

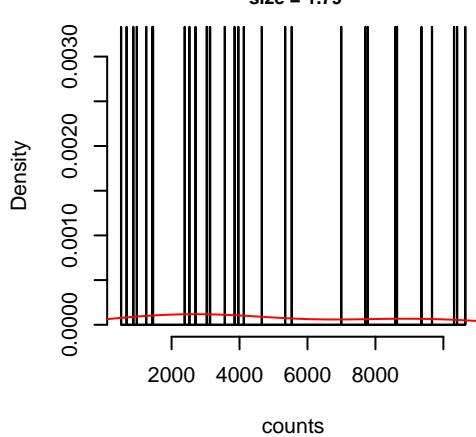
N = 198 prob = 1  
mu = 2023.8  
size = 3.28

**Breast-AdenoCA.SBS5.real.exposure**

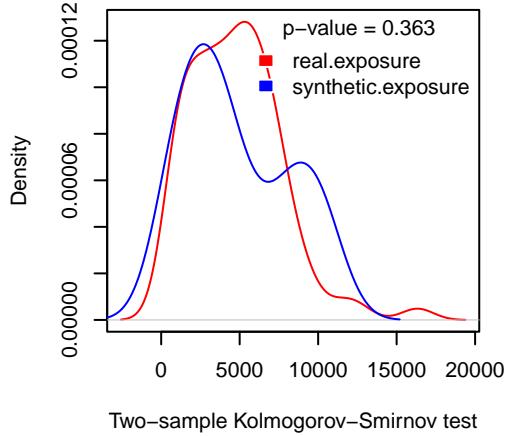
N = 198 prob = 1  
mu = 2023.8  
size = 3.28

**Breast-AdenoCA.SBS3.synthetic.exposure**

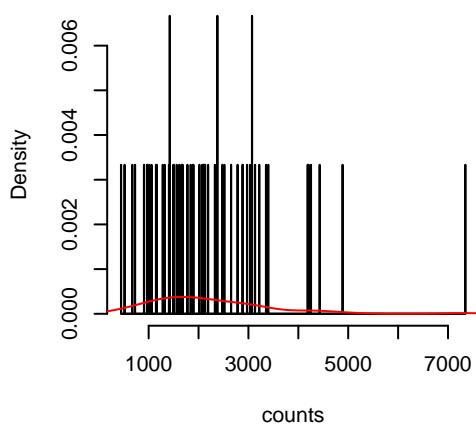
N = 30 prob = 0.5  
mu = 4838.86  
size = 1.79

**Breast-AdenoCA.SBS3.synthetic.exposure**

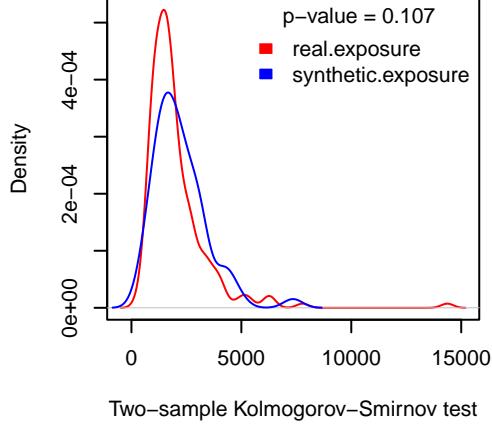
N = 30 prob = 0.5  
mu = 4838.86  
size = 1.79

**Breast-AdenoCA.SBS5.synthetic.exposure**

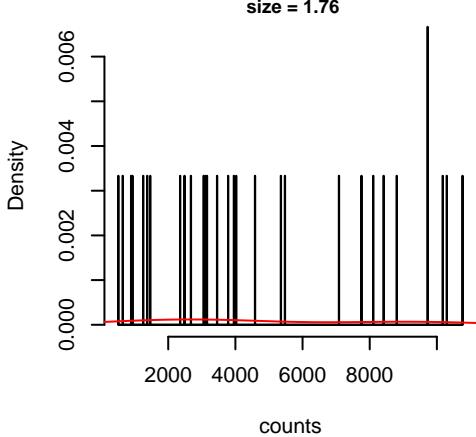
N = 60 prob = 1  
mu = 2213.78  
size = 3.7

**Breast-AdenoCA.SBS5.synthetic.exposure**

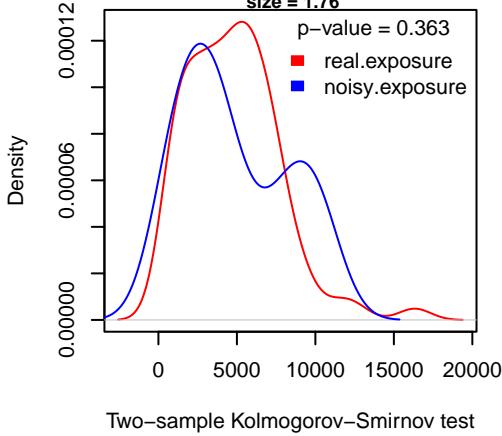
N = 60 prob = 1  
mu = 2213.78  
size = 3.7

**Breast-AdenoCA.SBS3.noisy.exposure**

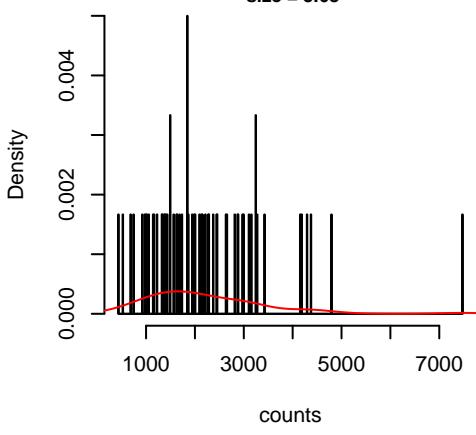
N = 30 prob = 0.5  
neg.binom.size = 30  
mu = 4847.07  
size = 1.76

**Breast-AdenoCA.SBS3.noisy.exposure**

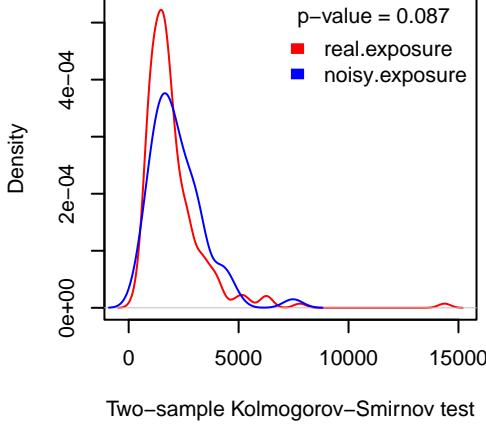
N = 30 prob = 0.5  
neg.binom.size = 30  
mu = 4847.07  
size = 1.76

**Breast-AdenoCA.SBS5.noisy.exposure**

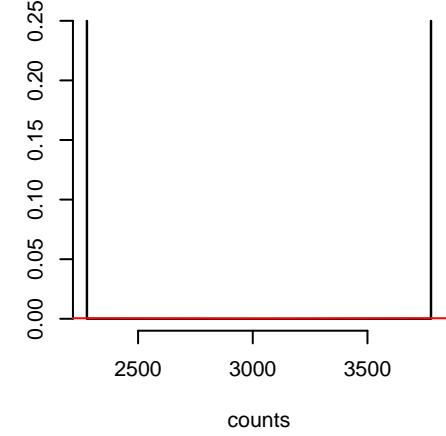
N = 60 prob = 1  
neg.binom.size = 30  
mu = 2211.86  
size = 3.68

**Breast-AdenoCA.SBS5.noisy.exposure**

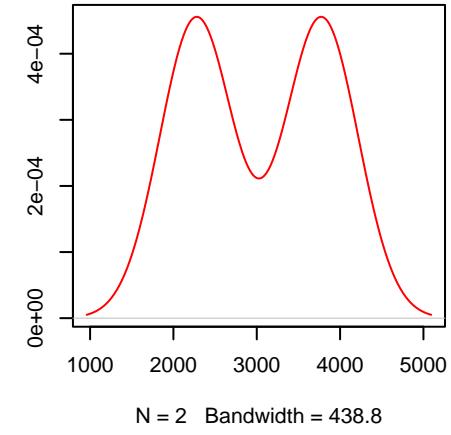
N = 60 prob = 1  
neg.binom.size = 30  
mu = 2211.86  
size = 3.68



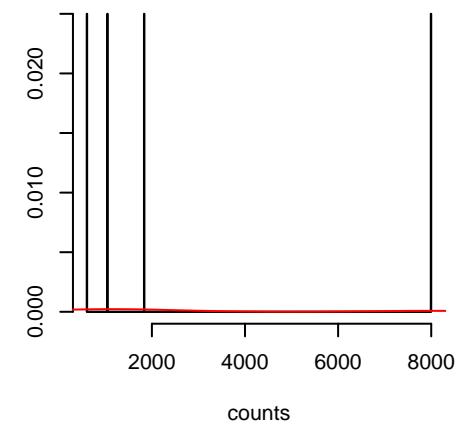
Breast-AdenoCA.SBS8.real.exposure  
 N = 2 prob = 0.0101  
 mu = 3026.44  
 size = 16



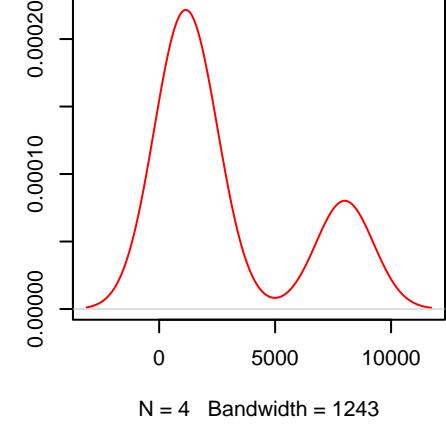
Breast-AdenoCA.SBS8.real.exposure  
 N = 2 prob = 0.0101  
 mu = 3026.44  
 size = 16



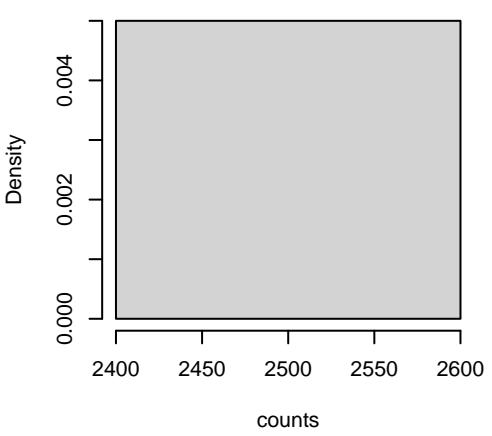
Breast-AdenoCA.SBS9.real.exposure  
 N = 4 prob = 0.0202  
 mu = 2874.49  
 size = 1.15



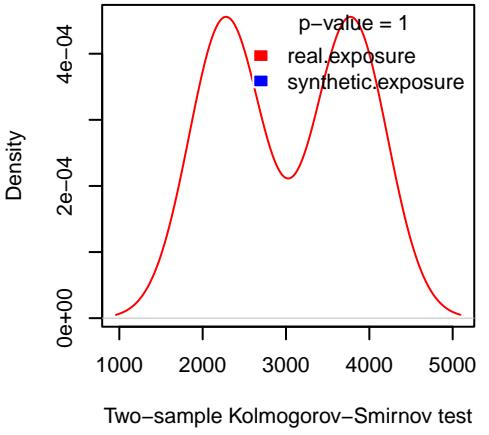
Breast-AdenoCA.SBS9.real.exposure  
 N = 4 prob = 0.0202  
 mu = 2874.49  
 size = 1.15



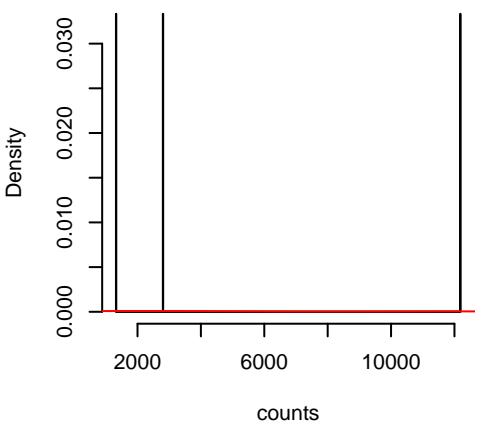
Breast-AdenoCA.SBS8.synthetic.exposure  
 N = 1 prob = 0.0167  
 mu = 2468  
 size = 1.86



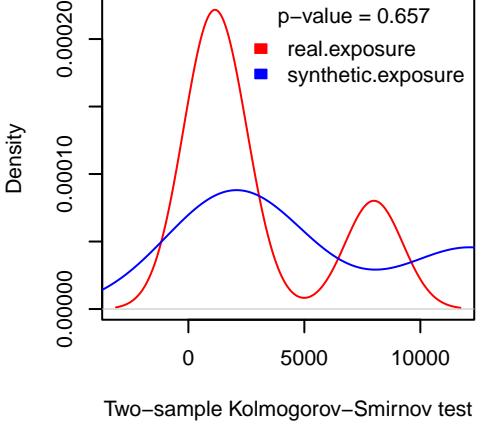
Breast-AdenoCA.SBS8.synthetic.exposure  
 N = 1 prob = 0.0167  
 mu = 2468  
 size = 1.86



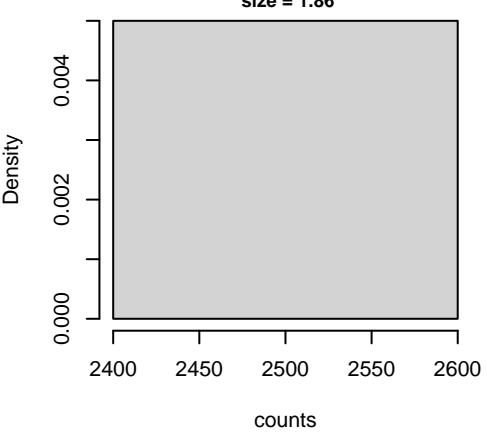
Breast-AdenoCA.SBS9.synthetic.exposure  
 N = 3 prob = 0.05  
 mu = 5438.07  
 size = 1.32



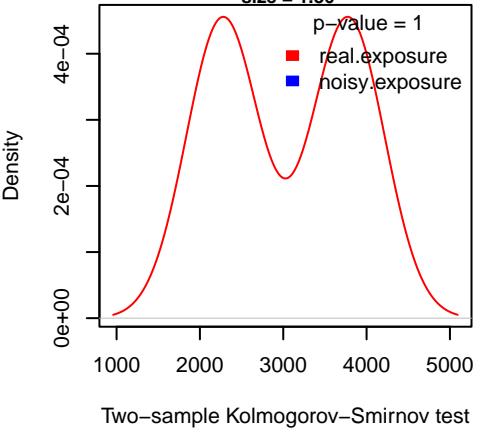
Breast-AdenoCA.SBS9.synthetic.exposure  
 N = 3 prob = 0.05  
 mu = 5438.07  
 size = 1.32



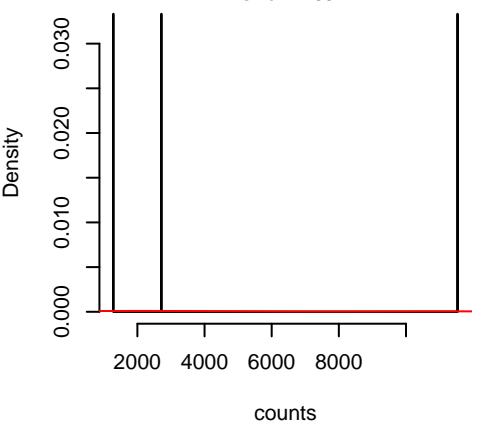
Breast-AdenoCA.SBS8.noisy.exposure  
 N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 2497  
 size = 1.86



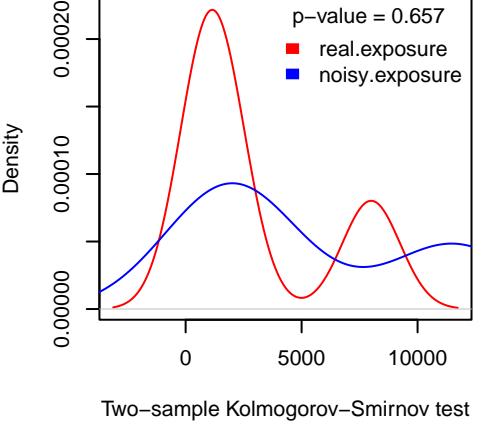
Breast-AdenoCA.SBS8.noisy.exposure  
 N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 2497  
 size = 1.86



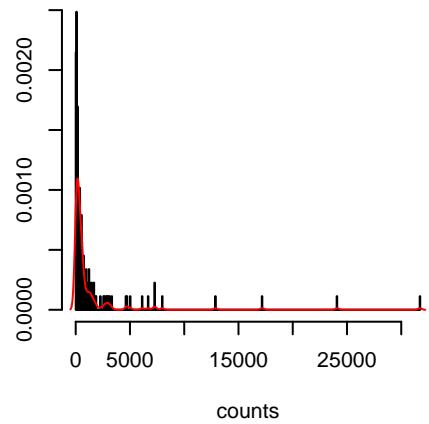
Breast-AdenoCA.SBS9.noisy.exposure  
 N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 5177.33  
 size = 1.35



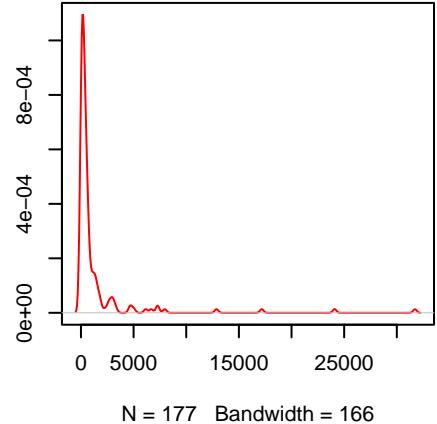
Breast-AdenoCA.SBS9.noisy.exposure  
 N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 5177.33  
 size = 1.35



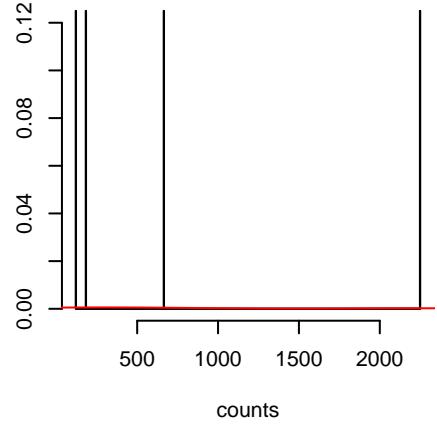
Breast-AdenoCA.SBS13.real.exposure  
N = 177 prob = 0.8939  
mu = 1284.27  
size = 0.48



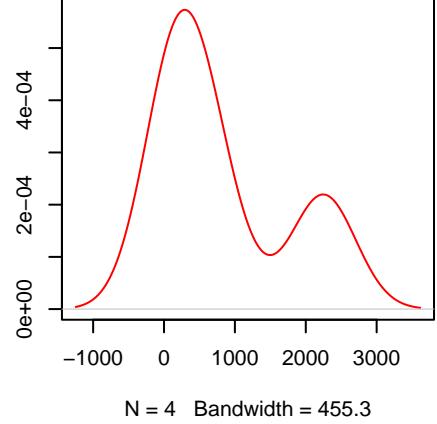
Breast-AdenoCA.SBS13.real.exposure  
N = 177 prob = 0.8939  
mu = 1284.27  
size = 0.48



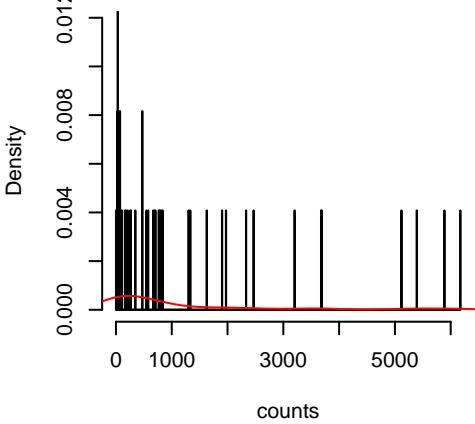
Breast-AdenoCA.SBS17a.real.exposure  
N = 4 prob = 0.0202  
mu = 804.5  
size = 0.92



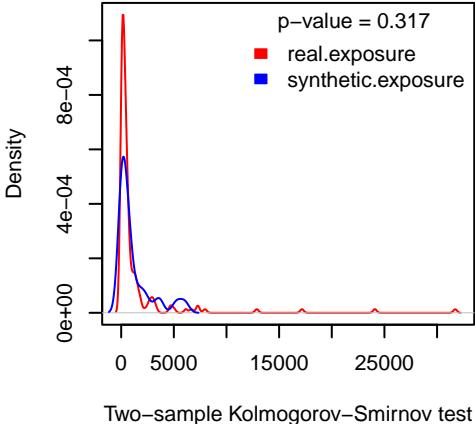
Breast-AdenoCA.SBS17a.real.exposure  
N = 4 prob = 0.0202  
mu = 804.5  
size = 0.92



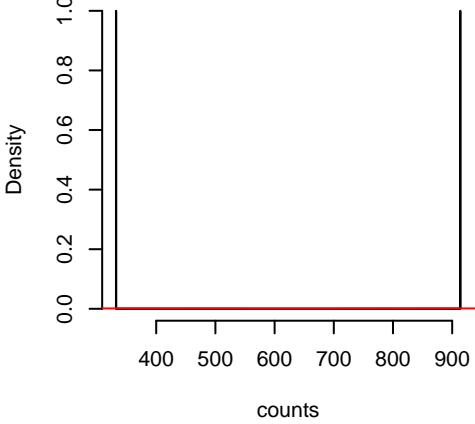
Breast-AdenoCA.SBS13.synthetic.exposure  
N = 49 prob = 0.8167  
mu = 1151.6  
size = 0.5



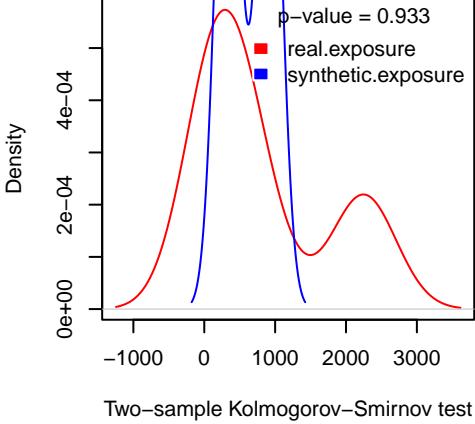
Breast-AdenoCA.SBS13.synthetic.exposure  
N = 49 prob = 0.8167  
mu = 1151.6  
size = 0.5



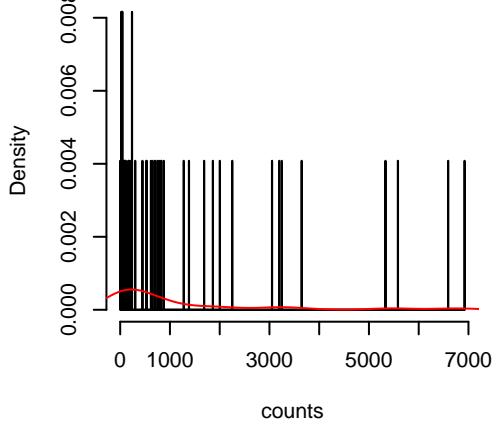
Breast-AdenoCA.SBS17a.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 622.94  
size = 4.25



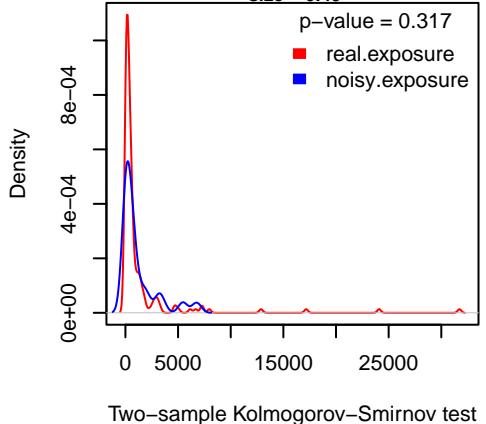
Breast-AdenoCA.SBS17a.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 622.94  
size = 4.25



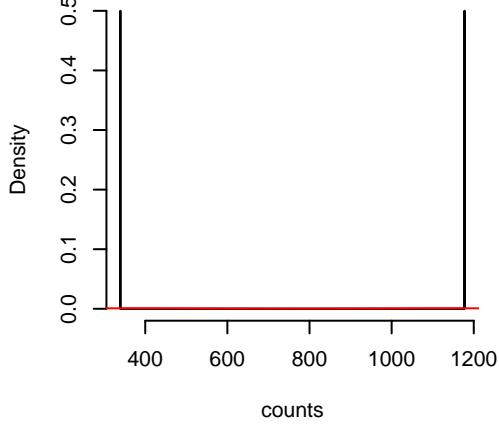
Breast-AdenoCA.SBS13.noisy.exposure  
N = 49 prob = 0.8167  
neg.binom.size = 30  
mu = 1191.94  
size = 0.49



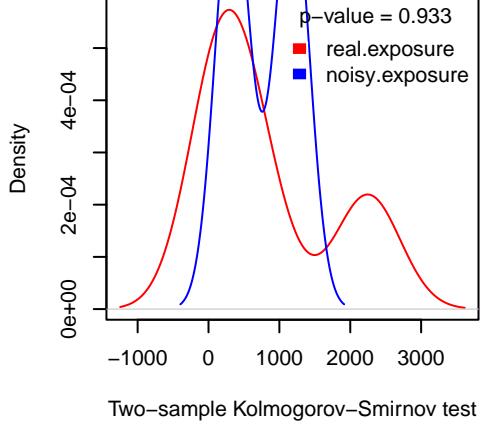
Breast-AdenoCA.SBS13.noisy.exposure  
N = 49 prob = 0.8167  
neg.binom.size = 30  
mu = 1191.94  
size = 0.49



Breast-AdenoCA.SBS17a.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 758.52  
size = 2.91

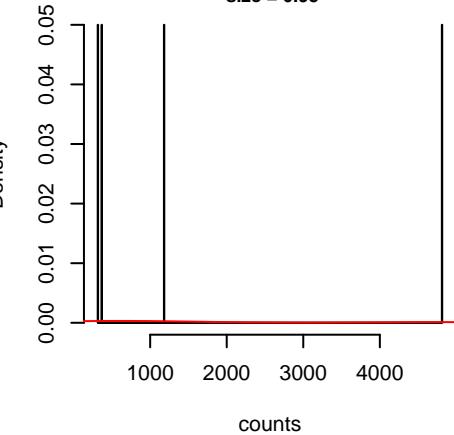


Breast-AdenoCA.SBS17a.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 758.52  
size = 2.91

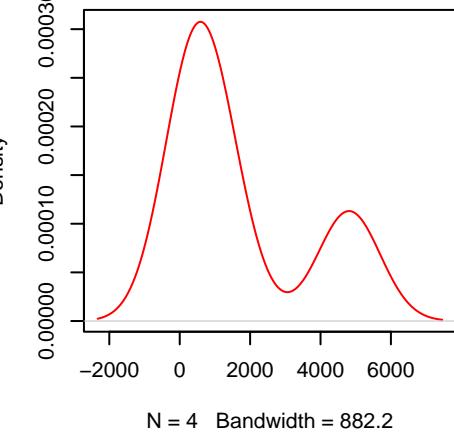


**Breast-AdenoCA.SBS17b.real.exposure**

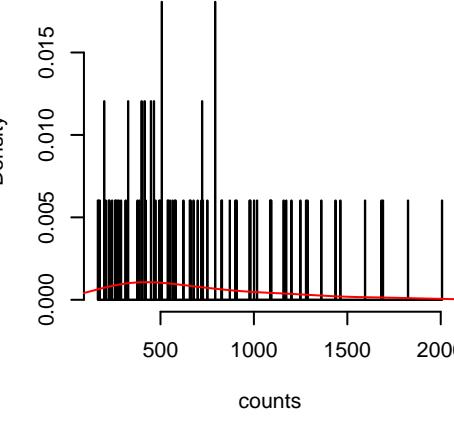
N = 4 prob = 0.0202  
mu = 1670.18  
size = 0.95

**Breast-AdenoCA.SBS17b.real.exposure**

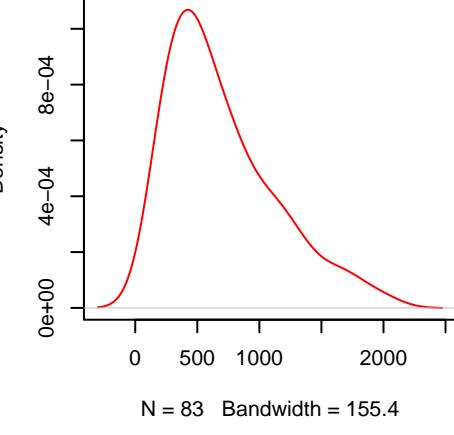
N = 4 prob = 0.0202  
mu = 1670.18  
size = 0.95

**Breast-AdenoCA.SBS18.real.exposure**

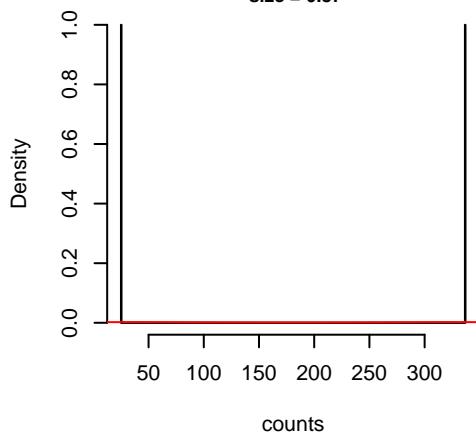
N = 83 prob = 0.4192  
mu = 696.01  
size = 2.77

**Breast-AdenoCA.SBS18.real.exposure**

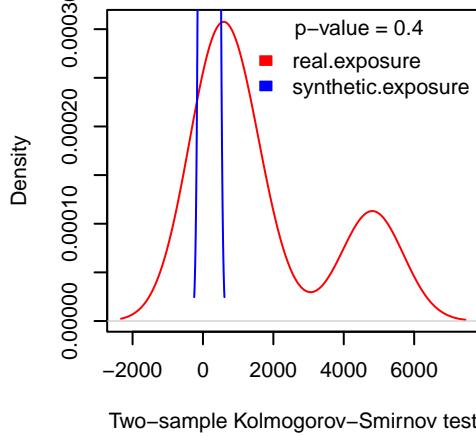
N = 83 prob = 0.4192  
mu = 696.01  
size = 2.77

**Breast-AdenoCA.SBS17b.synthetic.exposure**

N = 2 prob = 0.0333  
mu = 181.04  
size = 0.87

**Breast-AdenoCA.SBS17b.synthetic.exposure**

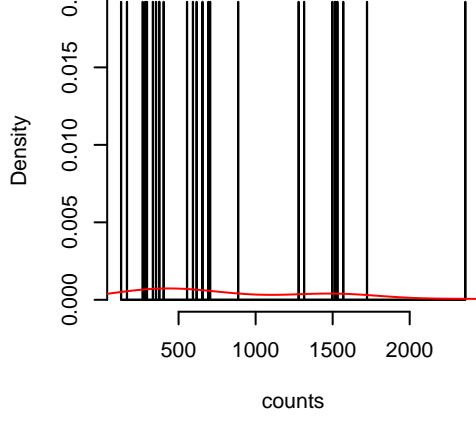
N = 2 prob = 0.0333  
mu = 181.04  
size = 0.87



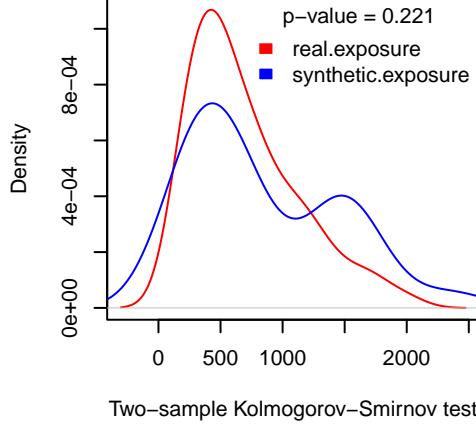
## Two-sample Kolmogorov-Smirnov test

**Breast-AdenoCA.SBS18.synthetic.exposure**

N = 26 prob = 0.4333  
mu = 846.27  
size = 1.98

**Breast-AdenoCA.SBS18.synthetic.exposure**

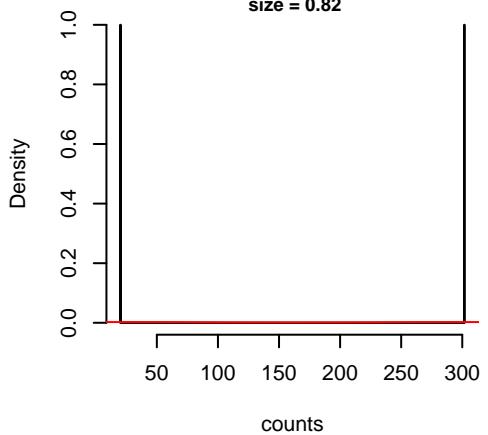
N = 26 prob = 0.4333  
mu = 846.27  
size = 1.98



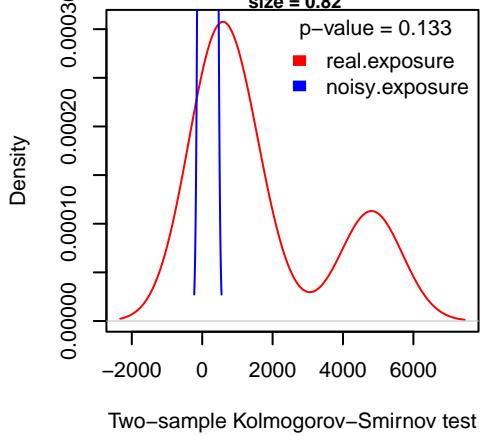
## Two-sample Kolmogorov-Smirnov test

**Breast-AdenoCA.SBS17b.noisy.exposure**

N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 161.09  
size = 0.82

**Breast-AdenoCA.SBS17b.noisy.exposure**

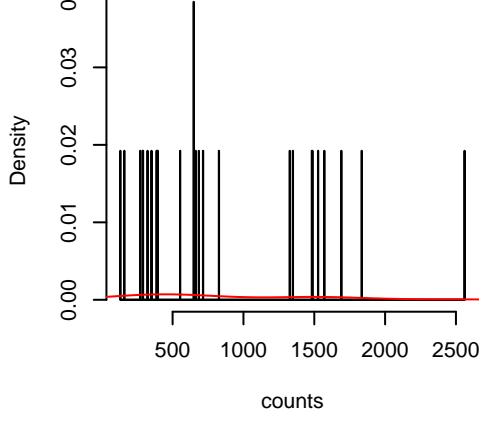
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 161.09  
size = 0.82



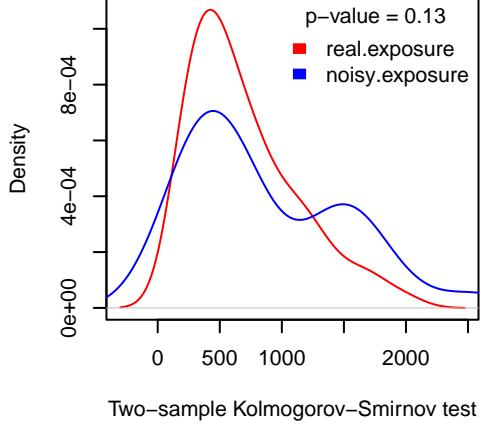
## Two-sample Kolmogorov-Smirnov test

**Breast-AdenoCA.SBS18.noisy.exposure**

N = 26 prob = 0.4333  
neg.binom.size = 30  
mu = 868.24  
size = 1.91

**Breast-AdenoCA.SBS18.noisy.exposure**

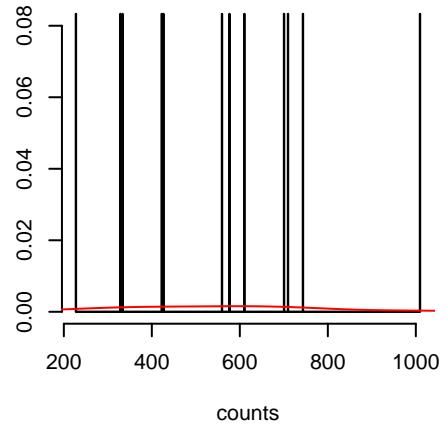
N = 26 prob = 0.4333  
neg.binom.size = 30  
mu = 868.24  
size = 1.91



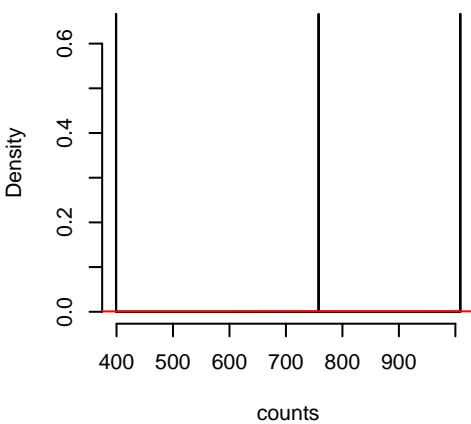
## Two-sample Kolmogorov-Smirnov test

**Breast-AdenoCA.SBS41.real.exposure**

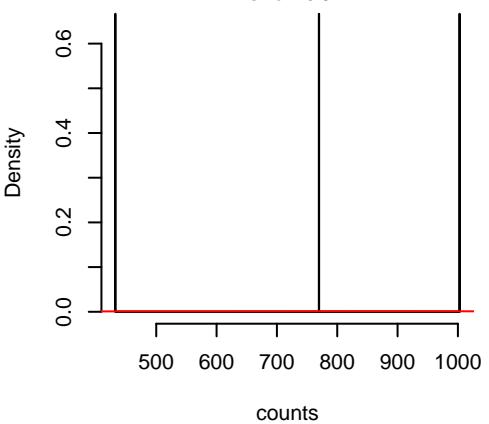
N = 12 prob = 0.0606  
mu = 554.47  
size = 6.7

**Breast-AdenoCA.SBS41.synthetic.exposure**

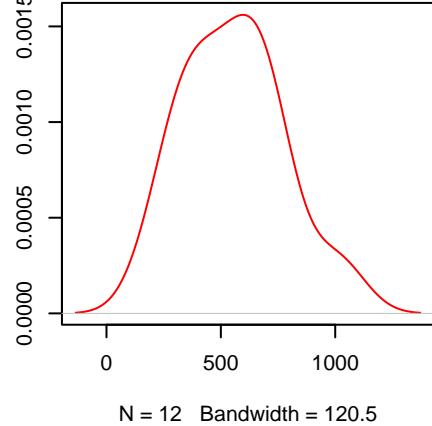
N = 3 prob = 0.05  
mu = 722.01  
size = 7.4

**Breast-AdenoCA.SBS41.noisy.exposure**

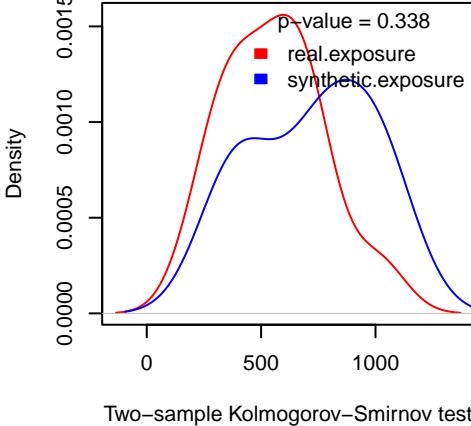
N = 3 prob = 0.05  
neg.binom.size = 30  
mu = 734.98  
size = 8.9

**Breast-AdenoCA.SBS41.real.exposure**

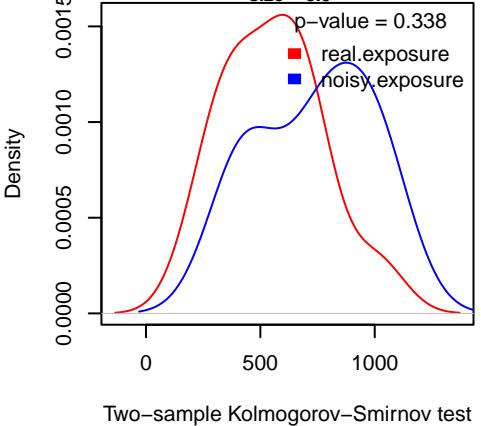
N = 12 prob = 0.0606  
mu = 554.47  
size = 6.7

**Breast-AdenoCA.SBS41.synthetic.exposure**

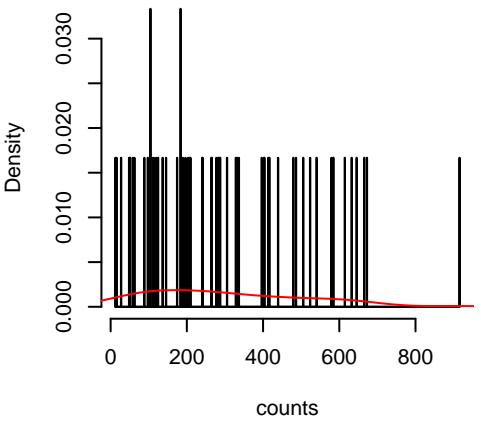
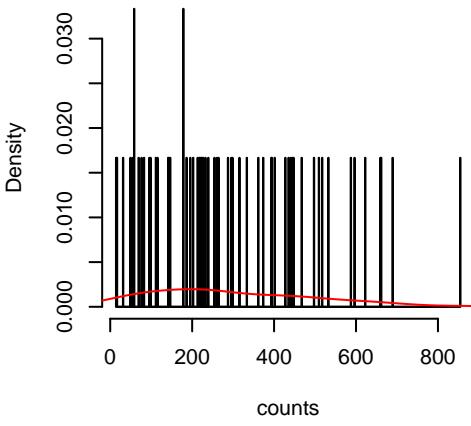
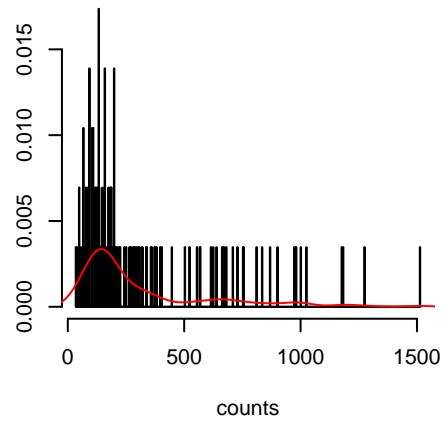
N = 3 prob = 0.05  
mu = 722.01  
size = 7.4

**Breast-AdenoCA.SBS41.noisy.exposure**

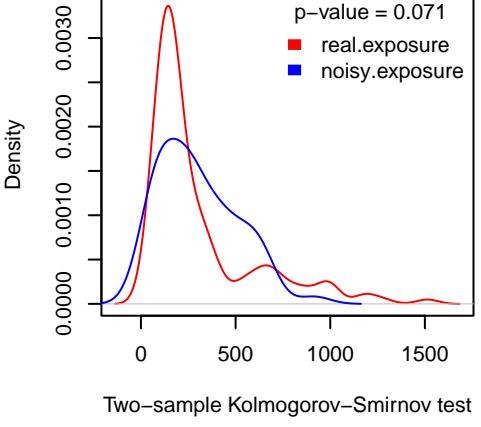
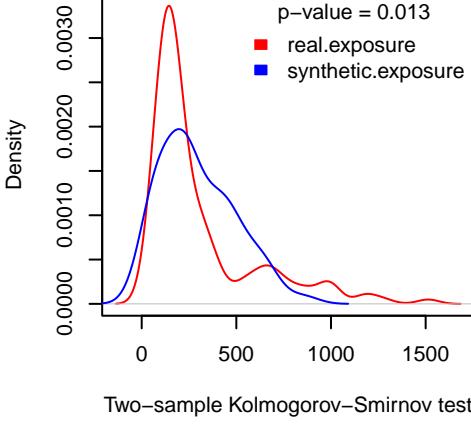
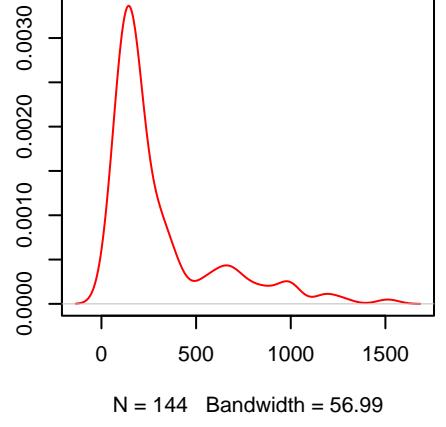
N = 3 prob = 0.05  
neg.binom.size = 30  
mu = 734.98  
size = 8.9

**CNS-Medullo.SBS1.real.exposure**

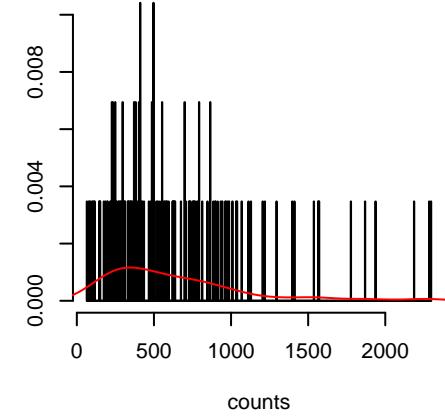
N = 144 prob = 1  
mu = 307.52  
size = 1.59

**CNS-Medullo.SBS1.real.exposure**

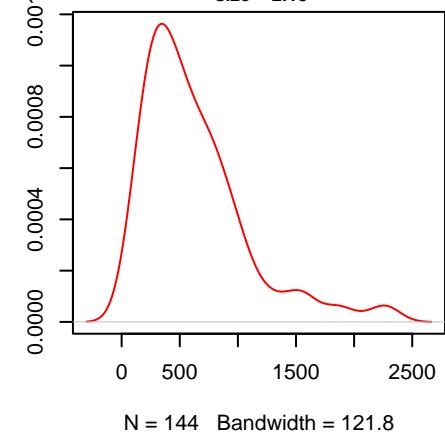
N = 144 prob = 1  
mu = 307.52  
size = 1.59



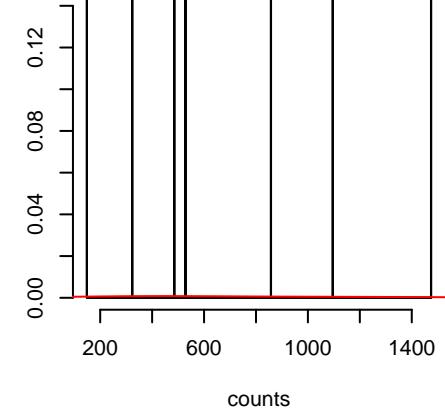
**CNS-Medullo.SBS5.real.exposure**  
 $N = 144$  prob = 1  
 $\mu = 629.1$   
size = 2.15



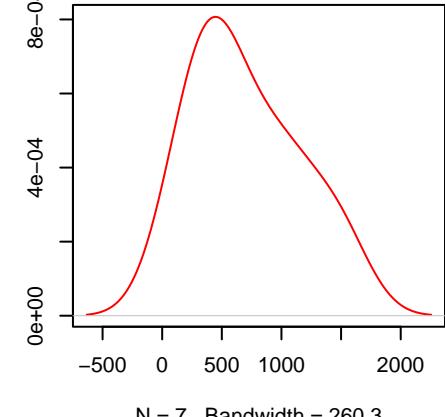
**CNS-Medullo.SBS5.real.exposure**  
 $N = 144$  prob = 1  
 $\mu = 629.1$   
size = 2.15



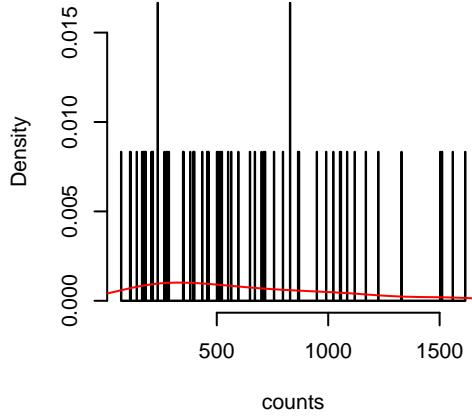
**CNS-Medullo.SBS8.real.exposure**  
 $N = 7$  prob = 0.0486  
 $\mu = 702.4$   
size = 2.36



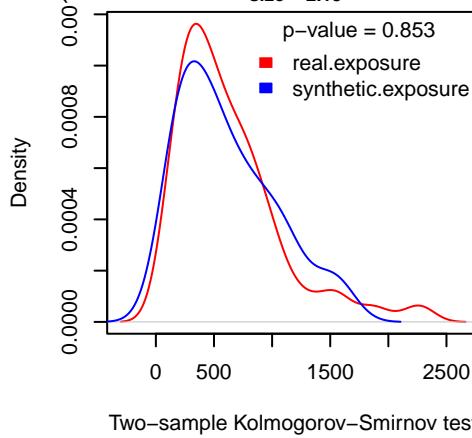
**CNS-Medullo.SBS8.real.exposure**  
 $N = 7$  prob = 0.0486  
 $\mu = 702.4$   
size = 2.36



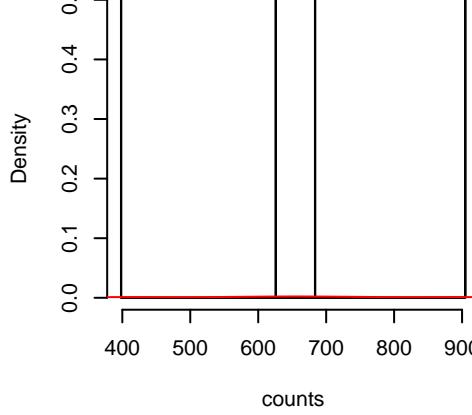
**CNS-Medullo.SBS5.synthetic.exposure**  
 $N = 60$  prob = 1  
 $\mu = 616.26$   
size = 2.15



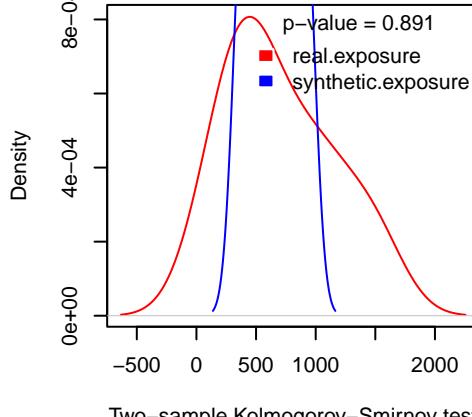
**CNS-Medullo.SBS5.synthetic.exposure**  
 $N = 60$  prob = 1  
 $\mu = 616.26$   
size = 2.15



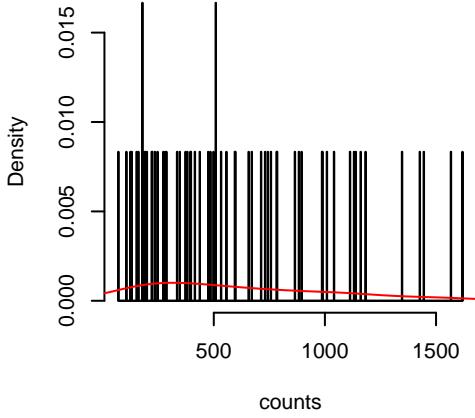
**CNS-Medullo.SBS8.synthetic.exposure**  
 $N = 4$  prob = 0.0667  
 $\mu = 653.3$   
size = 12.45



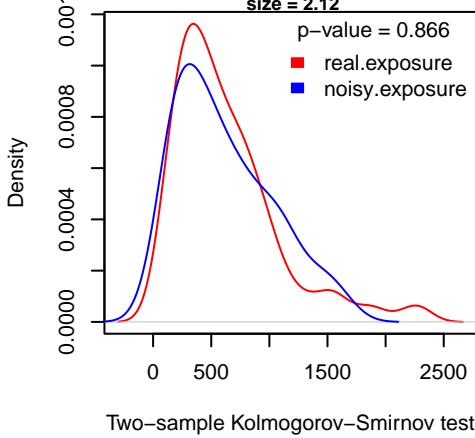
**CNS-Medullo.SBS8.synthetic.exposure**  
 $N = 4$  prob = 0.0667  
 $\mu = 653.3$   
size = 12.45



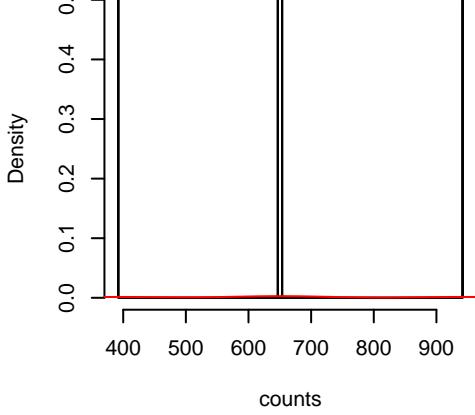
**CNS-Medullo.SBS5.noisy.exposure**  
 $N = 60$  prob = 1  
neg.binom.size = 30  
 $\mu = 615.82$   
size = 2.12



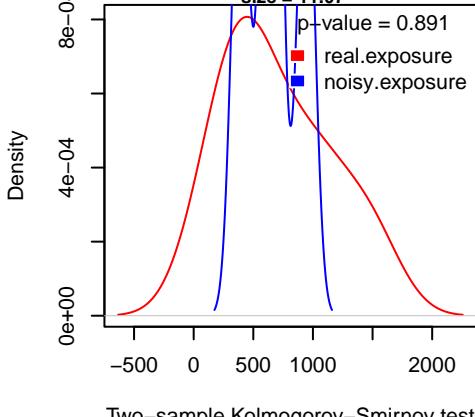
**CNS-Medullo.SBS5.noisy.exposure**  
 $N = 60$  prob = 1  
neg.binom.size = 30  
 $\mu = 615.82$   
size = 2.12



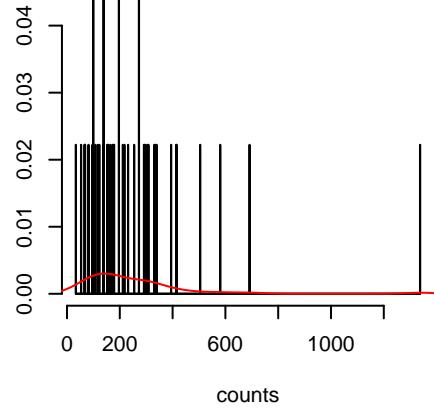
**CNS-Medullo.SBS8.noisy.exposure**  
 $N = 4$  prob = 0.0667  
neg.binom.size = 30  
 $\mu = 658.78$   
size = 11.07



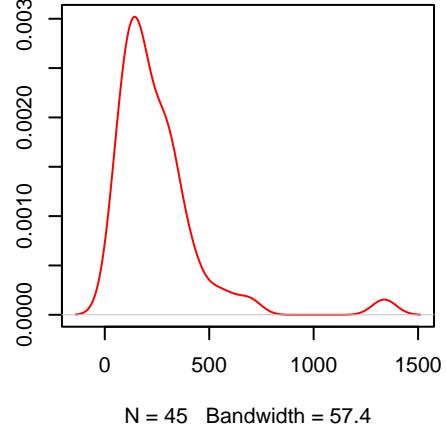
**CNS-Medullo.SBS8.noisy.exposure**  
 $N = 4$  prob = 0.0667  
neg.binom.size = 30  
 $\mu = 658.78$   
size = 11.07



CNS-Medullo.SBS18.real.exposure  
N = 45 prob = 0.3125  
mu = 250.98  
size = 2.09

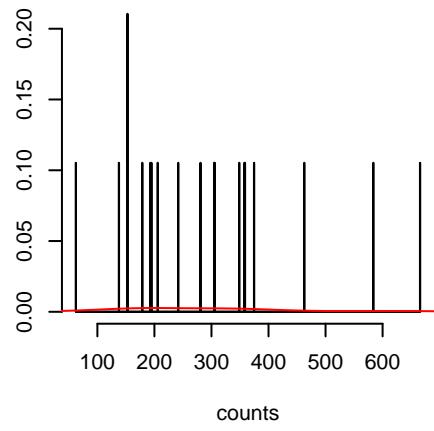


CNS-Medullo.SBS18.real.exposure  
N = 45 prob = 0.3125  
mu = 250.98  
size = 2.09

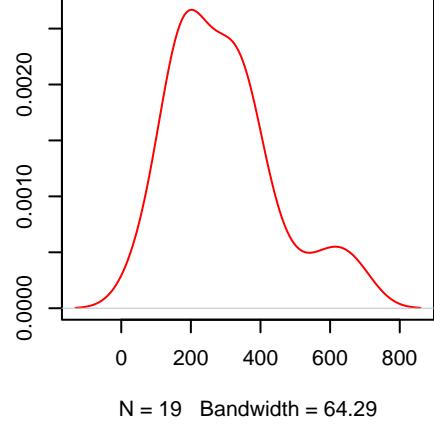


N = 45 Bandwidth = 57.4

CNS-Medullo.SBS39.real.exposure  
N = 19 prob = 0.1319  
mu = 292.99  
size = 3.83

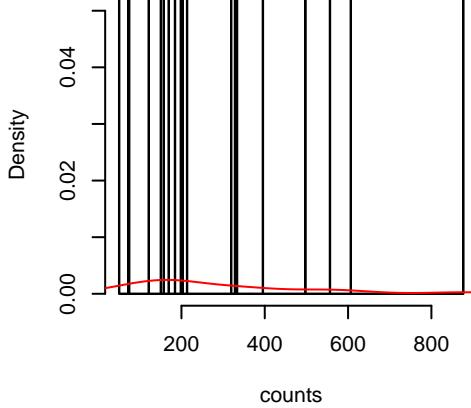


CNS-Medullo.SBS39.real.exposure  
N = 19 prob = 0.1319  
mu = 292.99  
size = 3.83

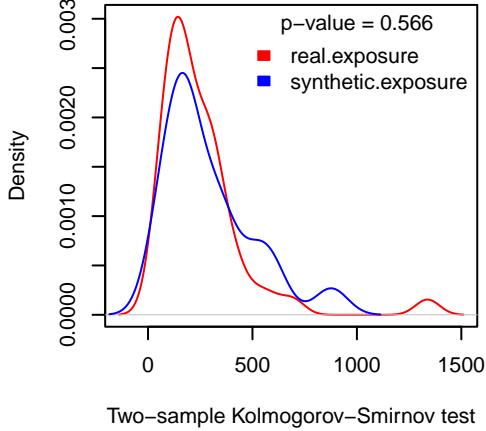


N = 19 Bandwidth = 64.29

CNS-Medullo.SBS18.synthetic.exposure  
N = 19 prob = 0.3167  
mu = 290.38  
size = 2.09

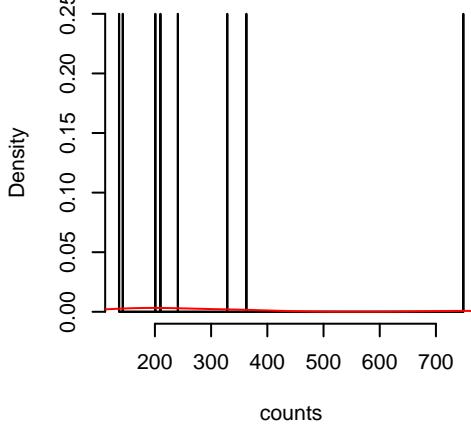


CNS-Medullo.SBS18.synthetic.exposure  
N = 19 prob = 0.3167  
mu = 290.38  
size = 2.09

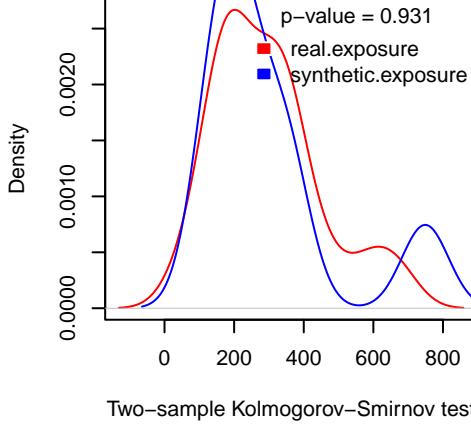


p-value = 0.566  
real.exposure  
synthetic.exposure

CNS-Medullo.SBS39.synthetic.exposure  
N = 8 prob = 0.1333  
mu = 296.5  
size = 3.48

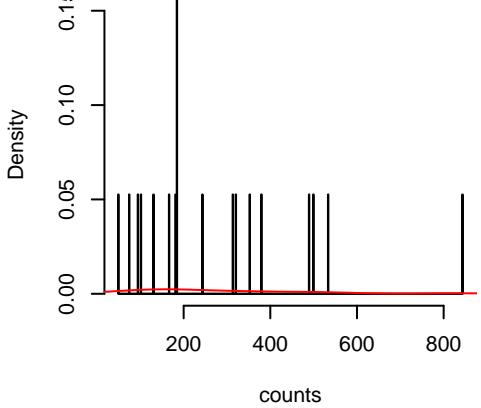


CNS-Medullo.SBS39.synthetic.exposure  
N = 8 prob = 0.1333  
mu = 296.5  
size = 3.48

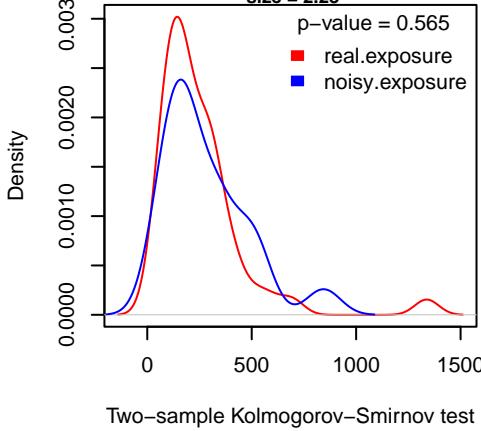


p-value = 0.931  
real.exposure  
synthetic.exposure

CNS-Medullo.SBS18.noisy.exposure  
N = 19 prob = 0.3167  
neg.binom.size = 30  
mu = 280.82  
size = 2.23

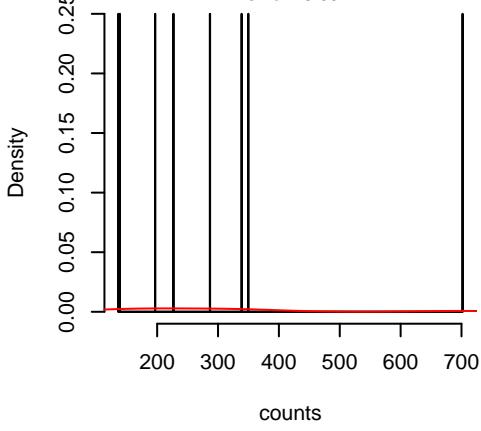


CNS-Medullo.SBS18.noisy.exposure  
N = 19 prob = 0.3167  
neg.binom.size = 30  
mu = 280.82  
size = 2.23

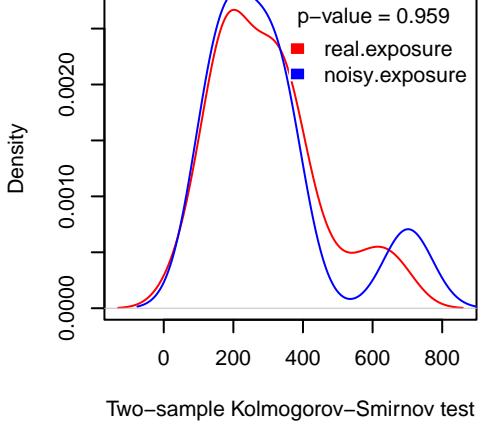


p-value = 0.565  
real.exposure  
noisy.exposure

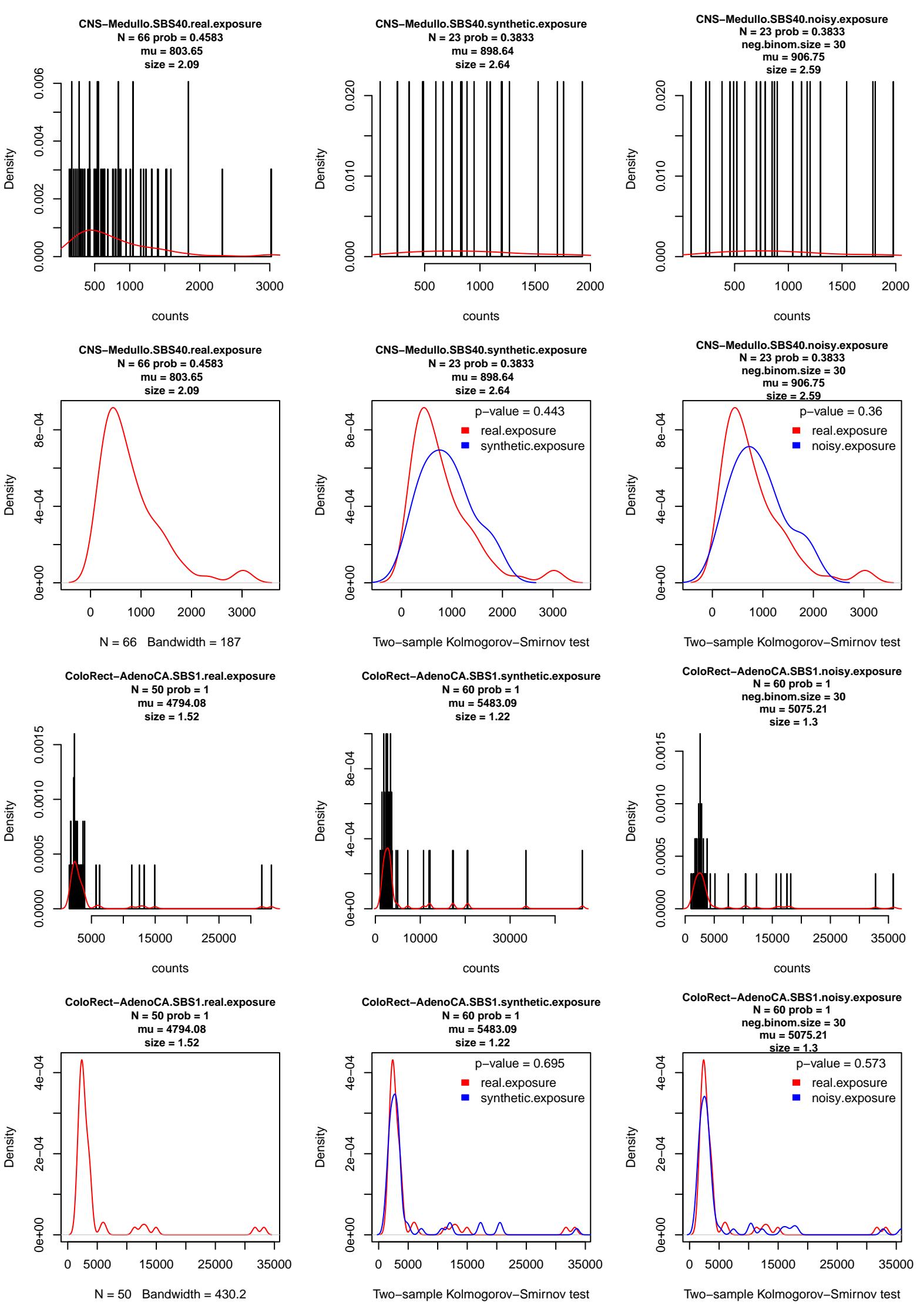
CNS-Medullo.SBS39.noisy.exposure  
N = 8 prob = 0.1333  
neg.binom.size = 30  
mu = 297.14  
size = 3.83



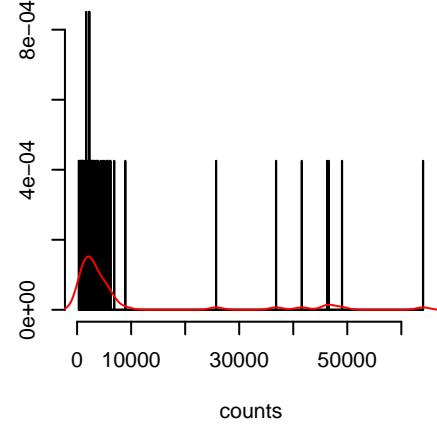
CNS-Medullo.SBS39.noisy.exposure  
N = 8 prob = 0.1333  
neg.binom.size = 30  
mu = 297.14  
size = 3.83



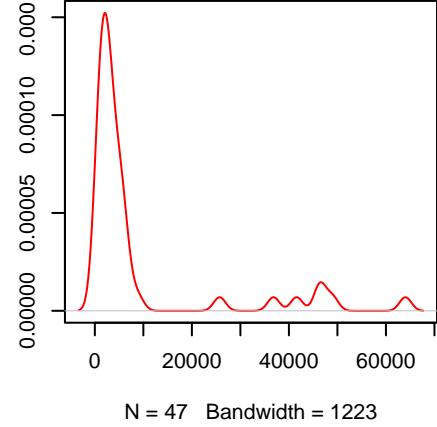
p-value = 0.959  
real.exposure  
noisy.exposure



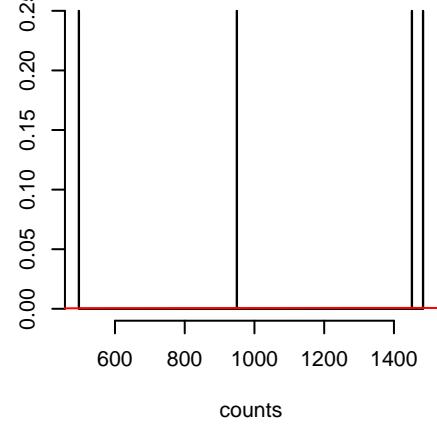
**ColoRect–AdenoCA.SBS5.real.exposure**  
 N = 47 prob = 0.94  
 mu = 9179.01  
 size = 0.65



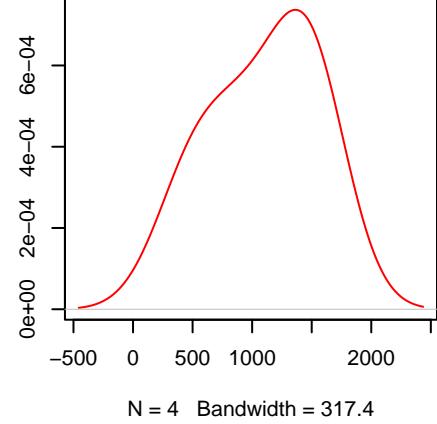
**ColoRect–AdenoCA.SBS5.real.exposure**  
 N = 47 prob = 0.94  
 mu = 9179.01  
 size = 0.65



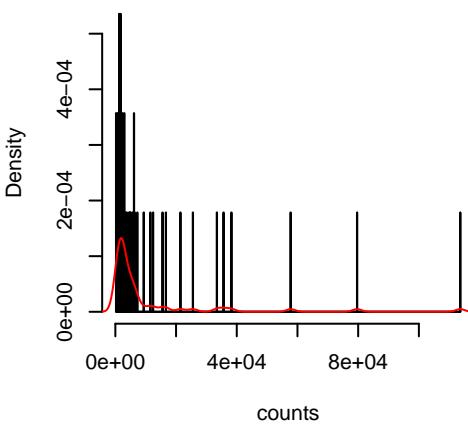
**ColoRect–AdenoCA.SBS17a.real.exposure**  
 N = 4 prob = 0.08  
 mu = 1095.4  
 size = 5.92



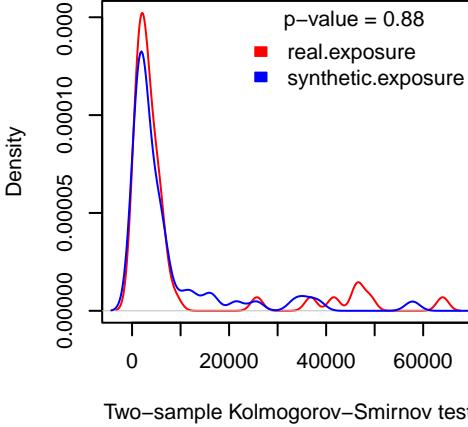
**ColoRect–AdenoCA.SBS17a.real.exposure**  
 N = 4 prob = 0.08  
 mu = 1095.4  
 size = 5.92



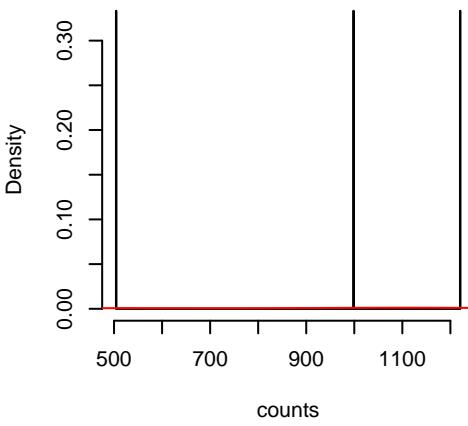
**ColoRect–AdenoCA.SBS5.synthetic.exposure**  
 N = 56 prob = 0.9333  
 mu = 10565.25  
 size = 0.61



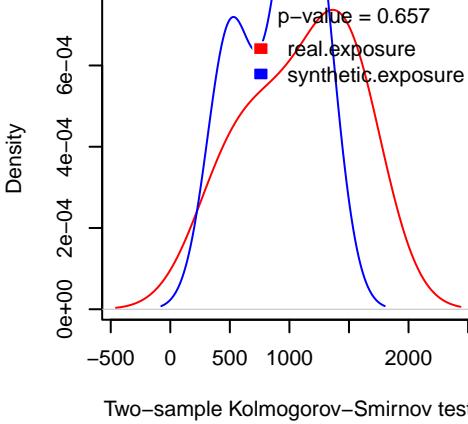
**ColoRect–AdenoCA.SBS5.synthetic.exposure**  
 N = 56 prob = 0.9333  
 mu = 10565.25  
 size = 0.61



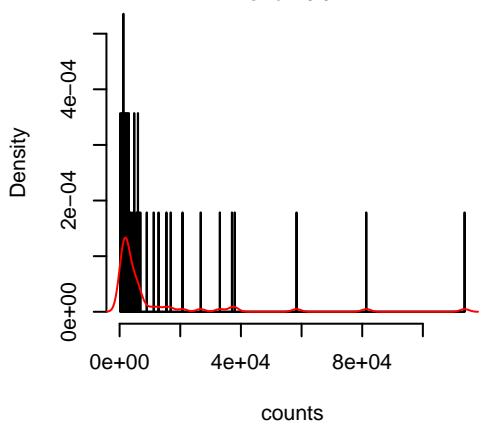
**ColoRect–AdenoCA.SBS17a.synthetic.exposure**  
 N = 3 prob = 0.05  
 mu = 908.04  
 size = 7.86



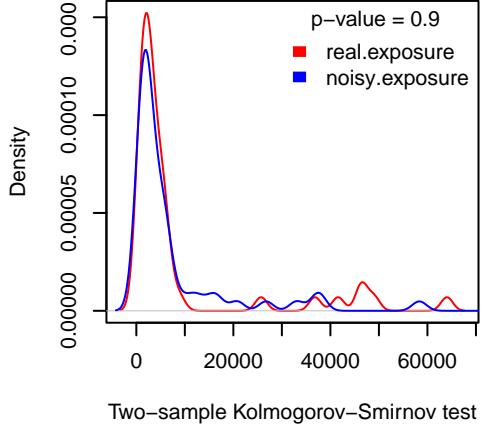
**ColoRect–AdenoCA.SBS17a.synthetic.exposure**  
 N = 3 prob = 0.05  
 mu = 908.04  
 size = 7.86



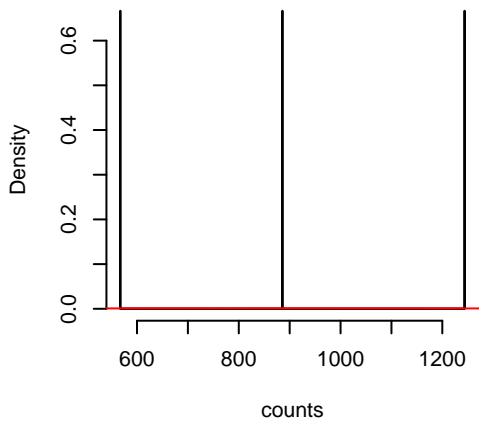
**ColoRect–AdenoCA.SBS5.noisy.exposure**  
 N = 56 prob = 0.9333  
 neg.binom.size = 30  
 mu = 10604.72  
 size = 0.61



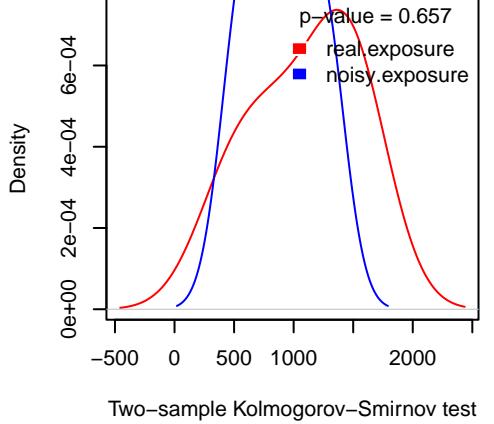
**ColoRect–AdenoCA.SBS5.noisy.exposure**  
 N = 56 prob = 0.9333  
 neg.binom.size = 30  
 mu = 10604.72  
 size = 0.61

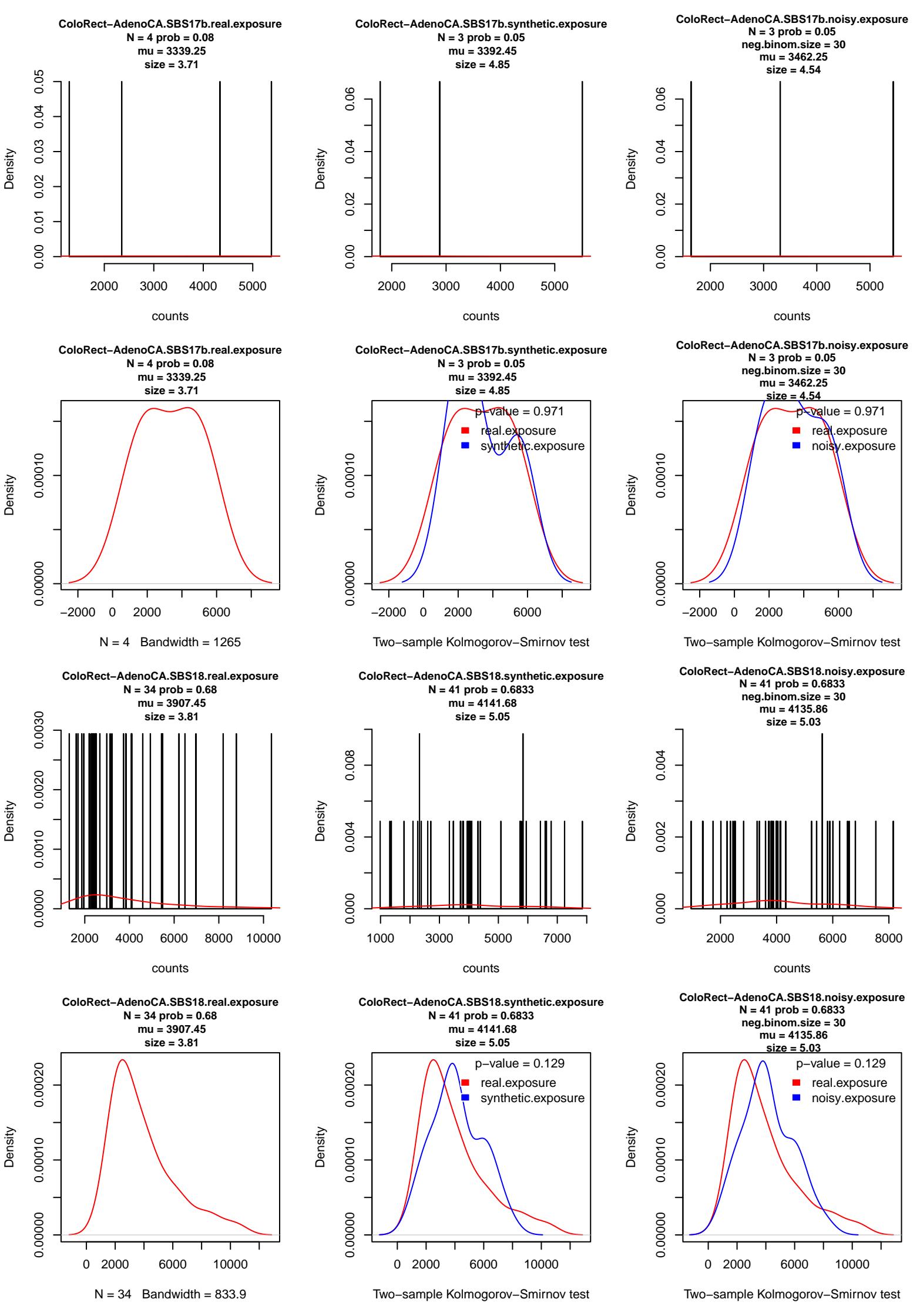


**ColoRect–AdenoCA.SBS17a.noisy.exposure**  
 N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 899.1  
 size = 10.24



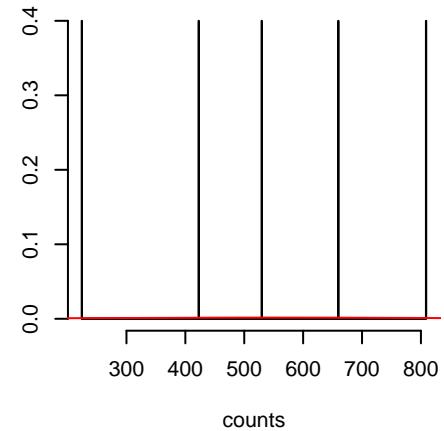
**ColoRect–AdenoCA.SBS17a.noisy.exposure**  
 N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 899.1  
 size = 10.24





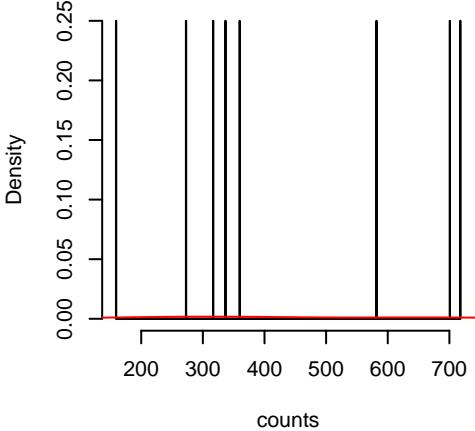
ColoRect–AdenoCA.SBS28.real.exposure

N = 5 prob = 0.1  
mu = 529.12  
size = 5.97



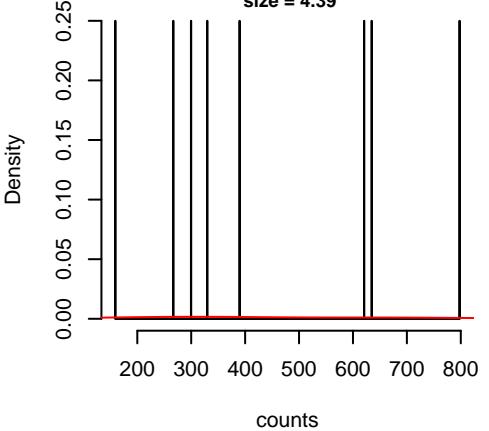
ColoRect–AdenoCA.SBS28.synthetic.exposure

N = 8 prob = 0.1333  
mu = 430.85  
size = 4.72



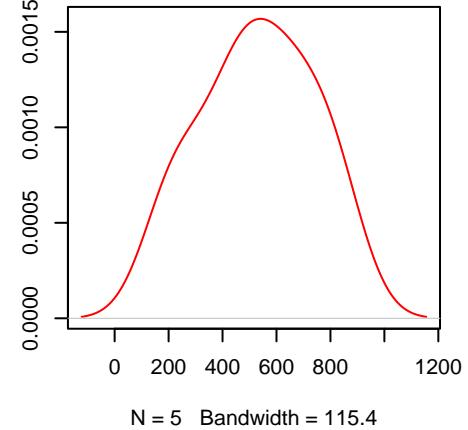
ColoRect–AdenoCA.SBS28.noisy.exposure

N = 8 prob = 0.1333  
neg.binom.size = 30  
mu = 437.56  
size = 4.39



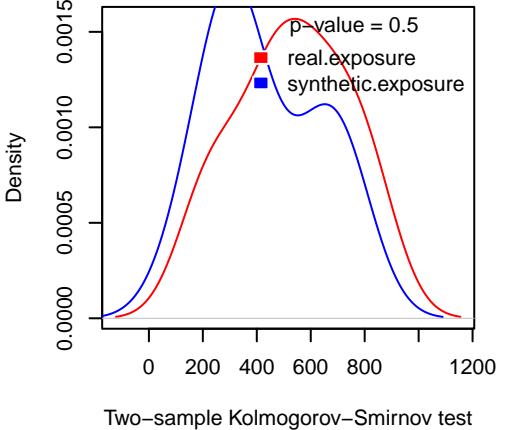
ColoRect–AdenoCA.SBS28.real.exposure

N = 5 prob = 0.1  
mu = 529.12  
size = 5.97



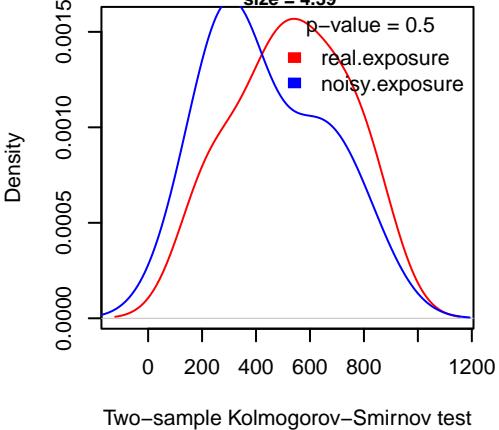
ColoRect–AdenoCA.SBS28.synthetic.exposure

N = 8 prob = 0.1333  
mu = 430.85  
size = 4.72



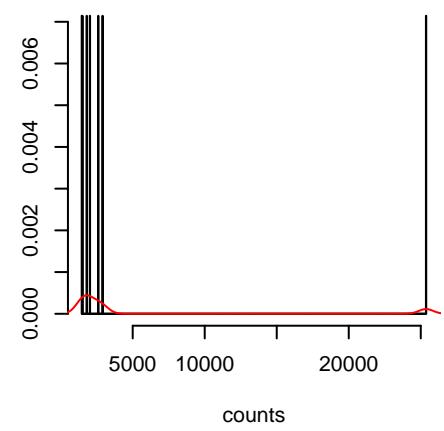
ColoRect–AdenoCA.SBS28.noisy.exposure

N = 8 prob = 0.1333  
neg.binom.size = 30  
mu = 437.56  
size = 4.39



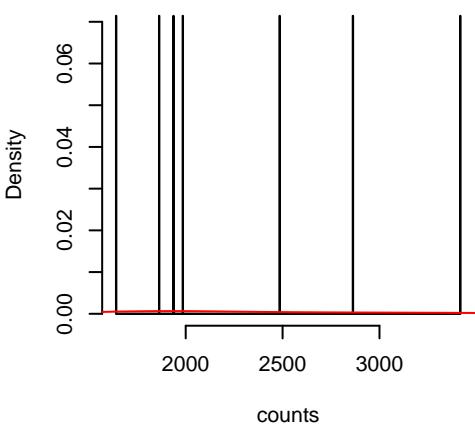
ColoRect–AdenoCA.SBS37.real.exposure

N = 7 prob = 0.14  
mu = 5385.39  
size = 0.92



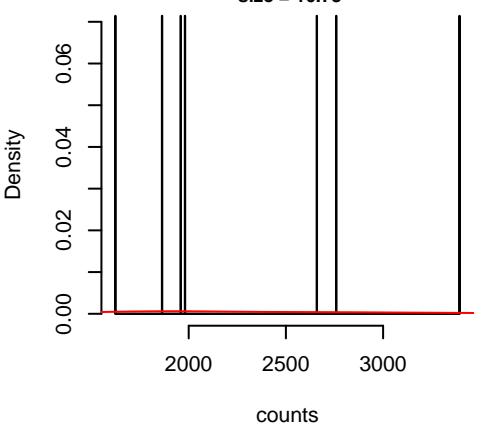
ColoRect–AdenoCA.SBS37.synthetic.exposure

N = 7 prob = 0.1167  
mu = 2313.16  
size = 16.56



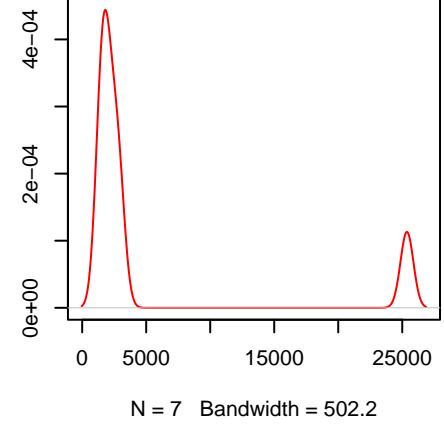
ColoRect–AdenoCA.SBS37.noisy.exposure

N = 7 prob = 0.1167  
neg.binom.size = 30  
mu = 2319.51  
size = 16.73



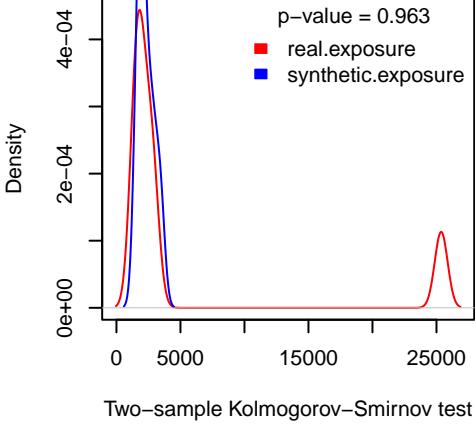
ColoRect–AdenoCA.SBS37.real.exposure

N = 7 prob = 0.14  
mu = 5385.39  
size = 0.92



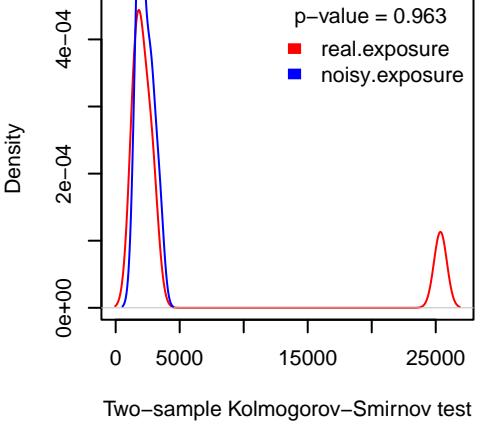
ColoRect–AdenoCA.SBS37.synthetic.exposure

N = 7 prob = 0.1167  
mu = 2313.16  
size = 16.56



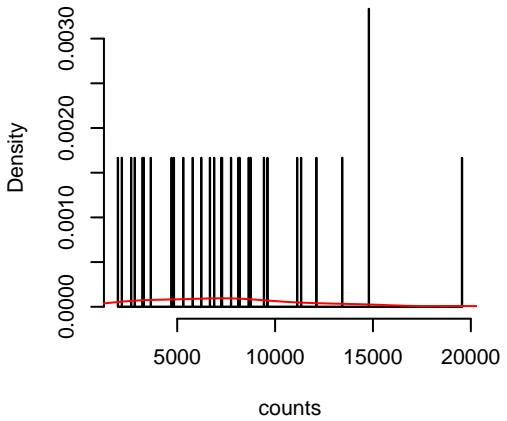
ColoRect–AdenoCA.SBS37.noisy.exposure

N = 7 prob = 0.1167  
neg.binom.size = 30  
mu = 2319.51  
size = 16.73



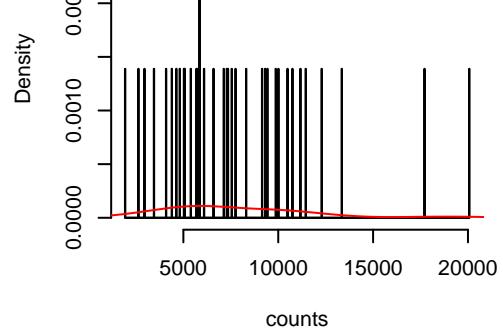
ColoRect-AdenoCA.SBS40.real.exposure

N = 30 prob = 0.6  
mu = 7745.56  
size = 3.32



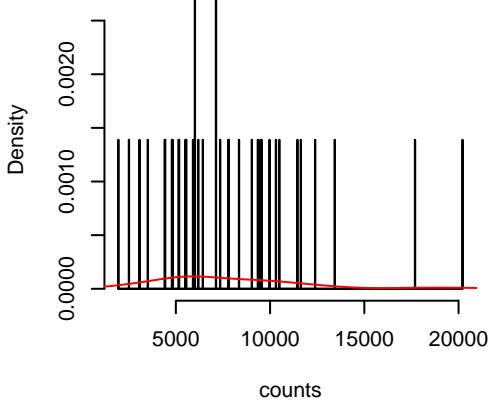
ColoRect-AdenoCA.SBS40.synthetic.exposure

N = 36 prob = 0.6  
mu = 7795.47  
size = 4.26



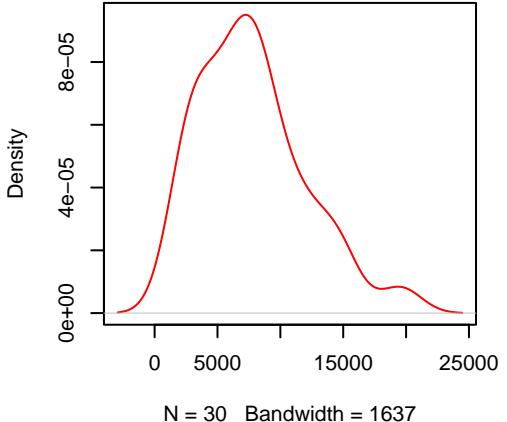
ColoRect-AdenoCA.SBS40.noisy.exposure

N = 36 prob = 0.6  
neg.binom.size = 30  
mu = 7831.62  
size = 4.34



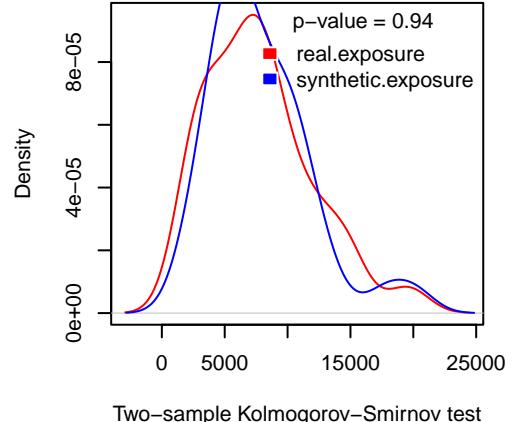
ColoRect-AdenoCA.SBS40.real.exposure

N = 30 prob = 0.6  
mu = 7745.56  
size = 3.32



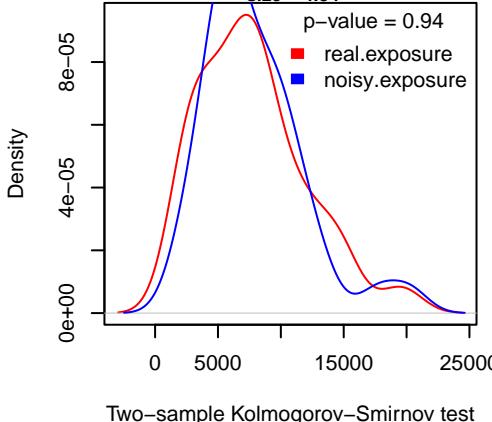
ColoRect-AdenoCA.SBS40.synthetic.exposure

N = 36 prob = 0.6  
mu = 7795.47  
size = 4.26



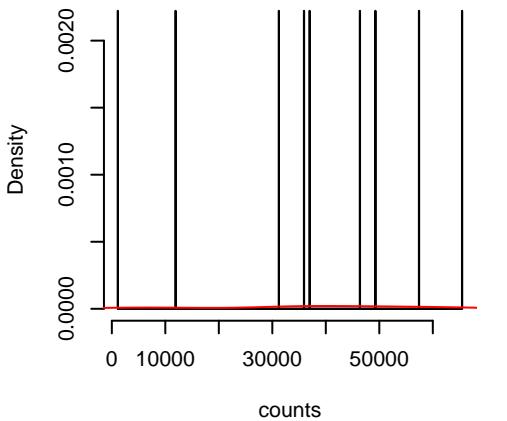
ColoRect-AdenoCA.SBS40.noisy.exposure

N = 36 prob = 0.6  
neg.binom.size = 30  
mu = 7831.62  
size = 4.34



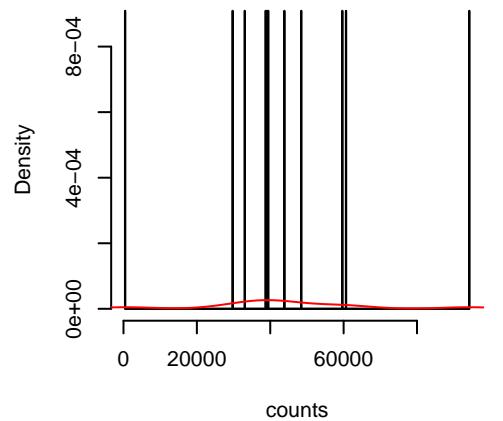
ColoRect-AdenoCA.SBS44.real.exposure

N = 9 prob = 0.18  
mu = 37303.87  
size = 1.48



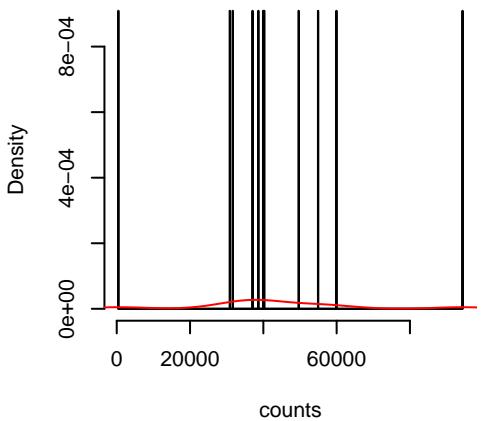
ColoRect-AdenoCA.SBS44.synthetic.exposure

N = 11 prob = 0.1833  
mu = 44299.7  
size = 1.45



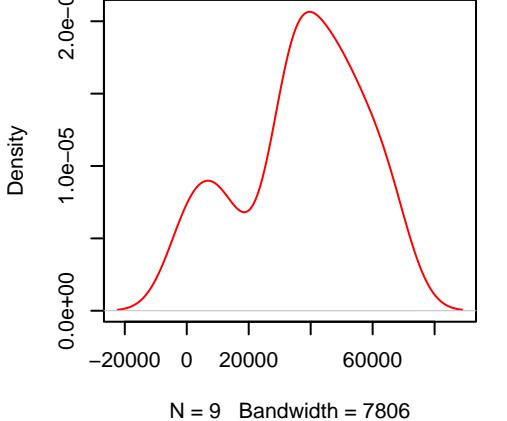
ColoRect-AdenoCA.SBS44.noisy.exposure

N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 43425.11  
size = 1.47



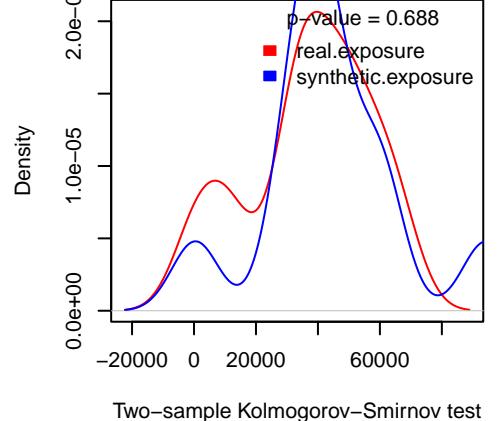
ColoRect-AdenoCA.SBS44.real.exposure

N = 9 prob = 0.18  
mu = 37303.87  
size = 1.48



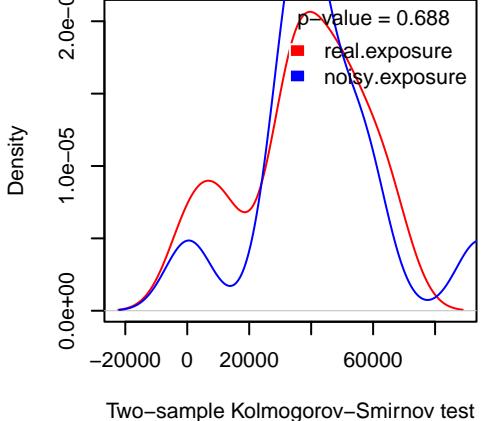
ColoRect-AdenoCA.SBS44.synthetic.exposure

N = 11 prob = 0.1833  
mu = 44299.7  
size = 1.45

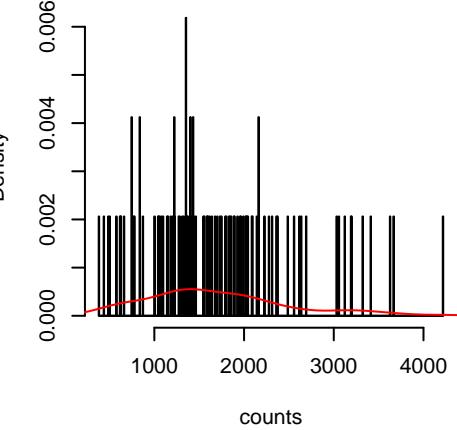


ColoRect-AdenoCA.SBS44.noisy.exposure

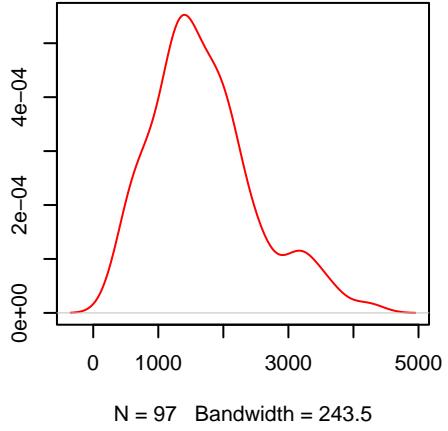
N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 43425.11  
size = 1.47



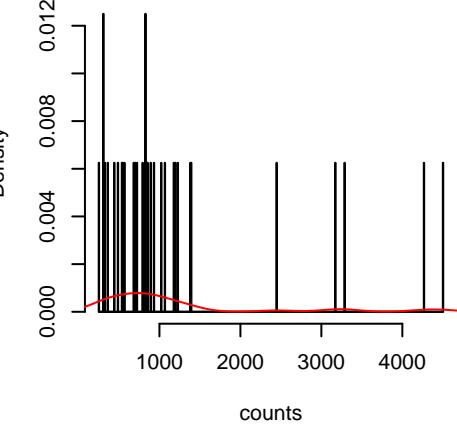
**Eso-AdenoCA.SBS1.real.exposure**  
 N = 97 prob = 1  
 mu = 1695.54  
 size = 4.45



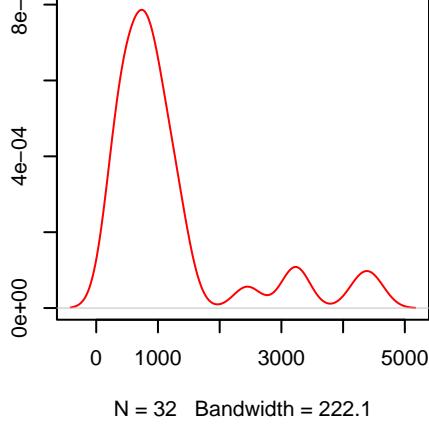
**Eso-AdenoCA.SBS1.real.exposure**  
 N = 97 prob = 1  
 mu = 1695.54  
 size = 4.45



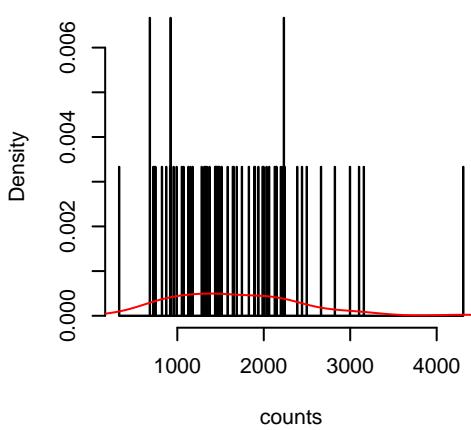
**Eso-AdenoCA.SBS2.real.exposure**  
 N = 32 prob = 0.3299  
 mu = 1199.22  
 size = 1.81



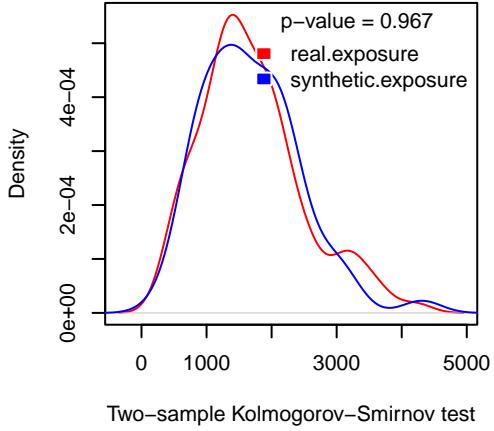
**Eso-AdenoCA.SBS2.real.exposure**  
 N = 32 prob = 0.3299  
 mu = 1199.22  
 size = 1.81



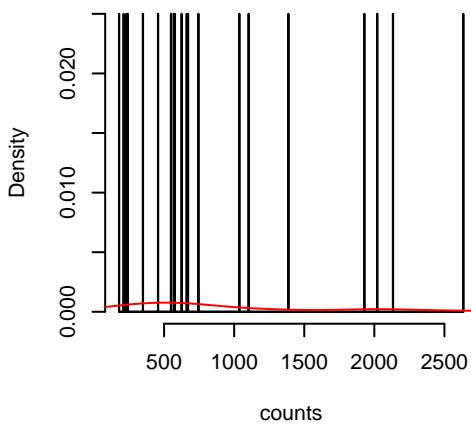
**Eso-AdenoCA.SBS1.synthetic.exposure**  
 N = 60 prob = 1  
 mu = 1678.2  
 size = 5.08



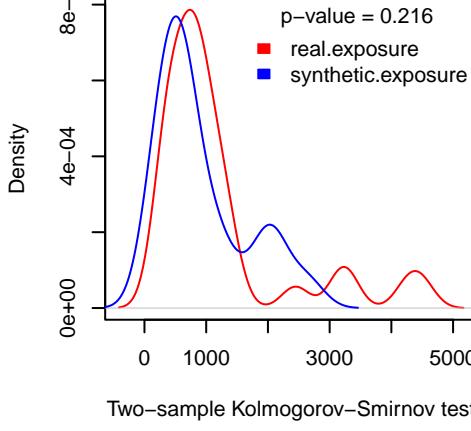
**Eso-AdenoCA.SBS1.synthetic.exposure**  
 N = 60 prob = 1  
 mu = 1678.2  
 size = 5.08



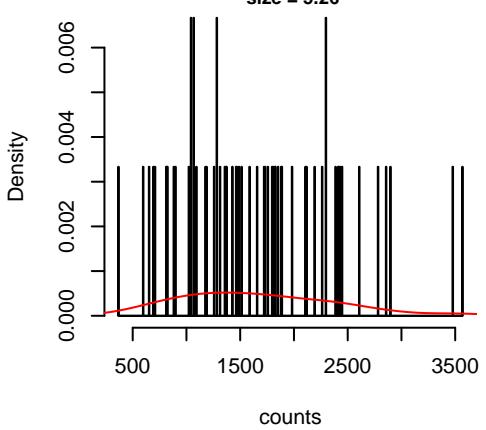
**Eso-AdenoCA.SBS2.synthetic.exposure**  
 N = 20 prob = 0.3333  
 mu = 916.4  
 size = 1.83



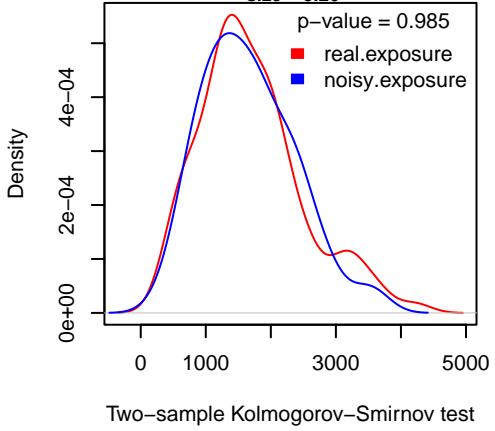
**Eso-AdenoCA.SBS2.synthetic.exposure**  
 N = 20 prob = 0.3333  
 mu = 916.4  
 size = 1.83



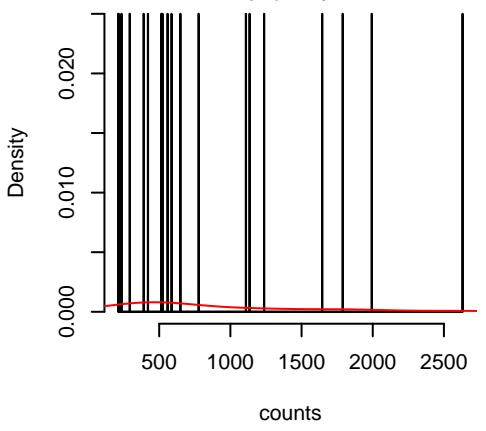
**Eso-AdenoCA.SBS1.noisy.exposure**  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 1657.39  
 size = 5.26



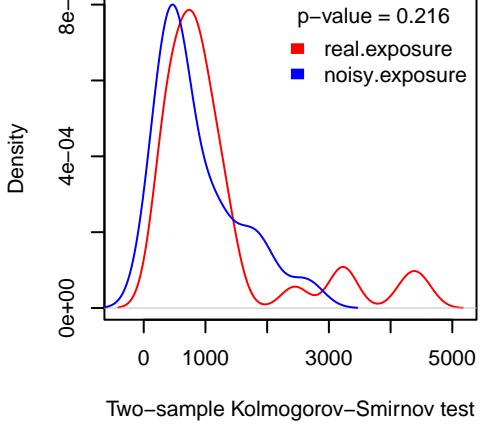
**Eso-AdenoCA.SBS1.noisy.exposure**  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 1657.39  
 size = 5.26



**Eso-AdenoCA.SBS2.noisy.exposure**  
 N = 20 prob = 0.3333  
 neg.binom.size = 30  
 mu = 872.17  
 size = 2.01

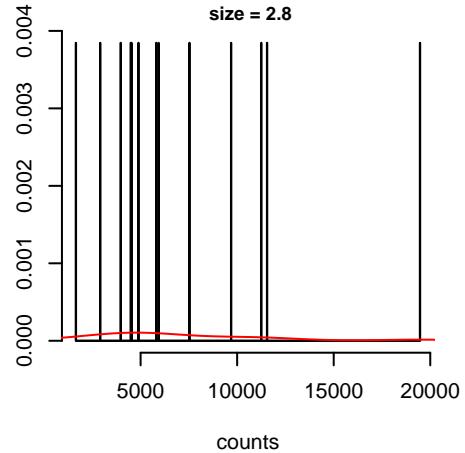


**Eso-AdenoCA.SBS2.noisy.exposure**  
 N = 20 prob = 0.3333  
 neg.binom.size = 30  
 mu = 872.17  
 size = 2.01



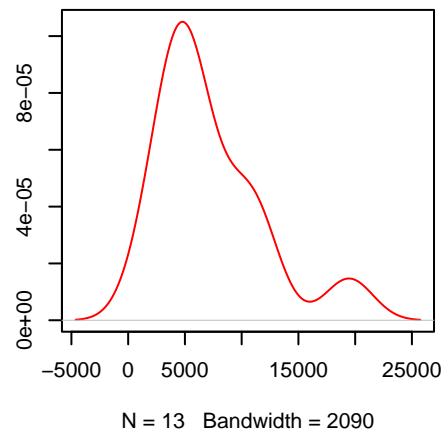
### Eso-AdenoCA.SBS3.real.exposure

N = 13 prob = 0.134  
mu = 7201.08  
size = 2.8



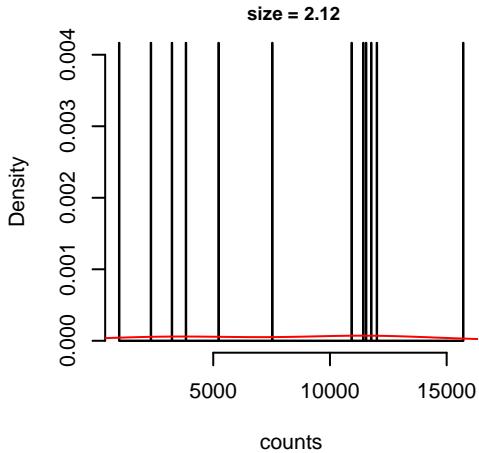
### Eso-AdenoCA.SBS3.real.exposure

N = 13 prob = 0.134  
mu = 7201.08  
size = 2.8



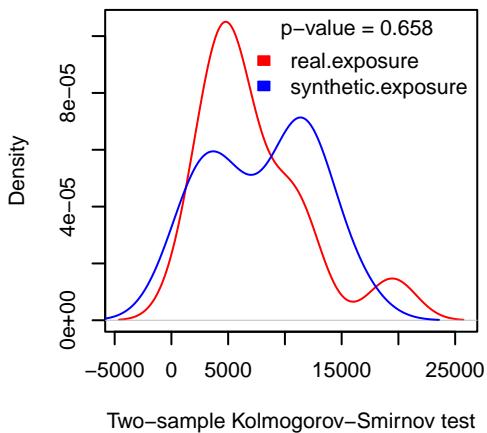
### Eso-AdenoCA.SBS3.synthetic.exposure

N = 12 prob = 0.2  
mu = 8040.45  
size = 2.12



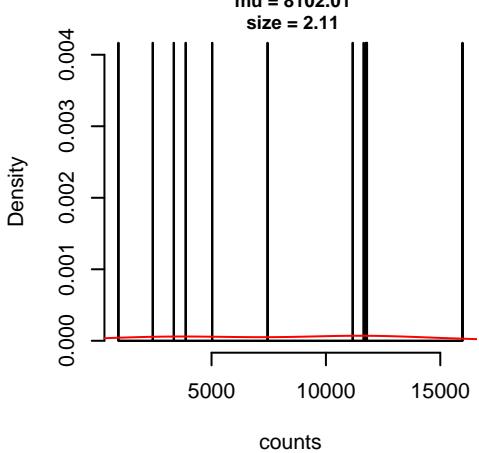
### Eso-AdenoCA.SBS3.synthetic.exposure

N = 12 prob = 0.2  
mu = 8040.45  
size = 2.12



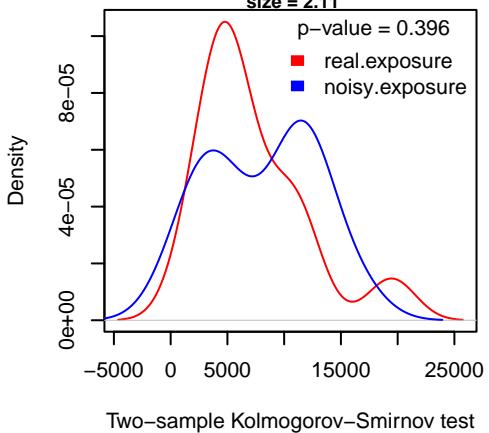
### Eso-AdenoCA.SBS3.noisy.exposure

N = 12 prob = 0.2  
neg.binom.size = 30  
mu = 8102.01  
size = 2.11



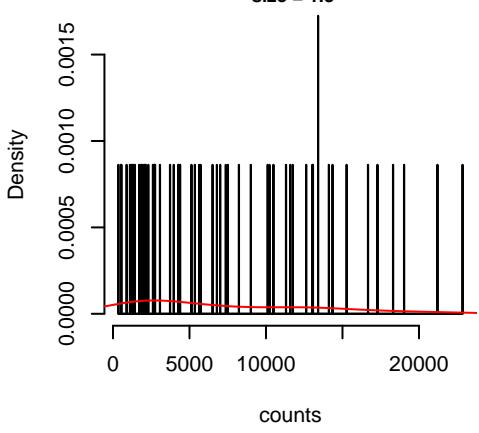
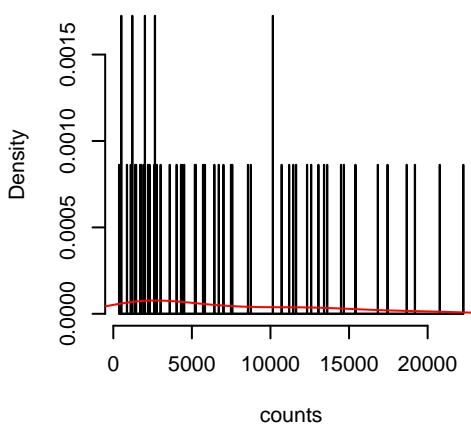
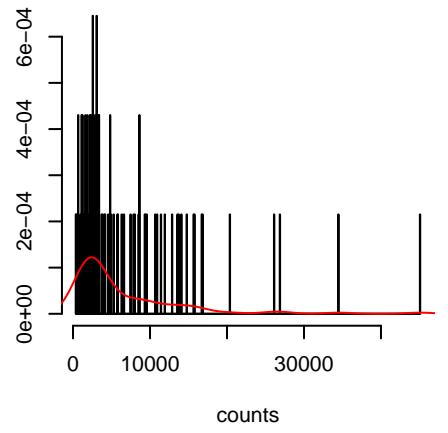
### Eso-AdenoCA.SBS3.noisy.exposure

N = 12 prob = 0.2  
neg.binom.size = 30  
mu = 8102.01  
size = 2.11



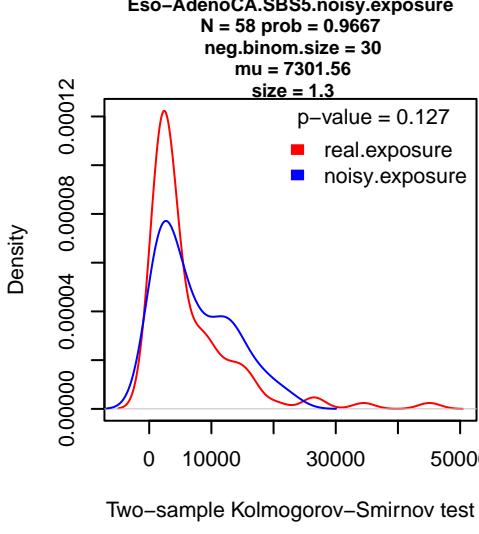
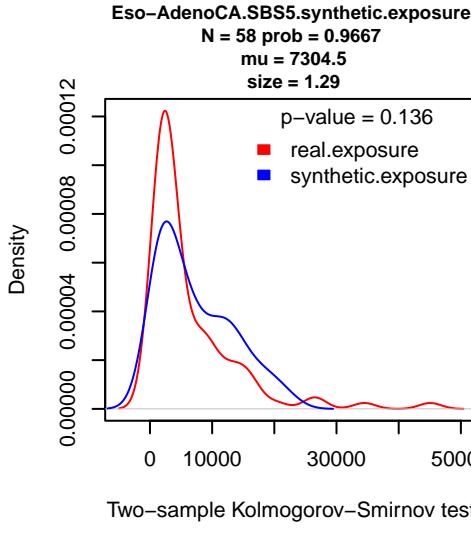
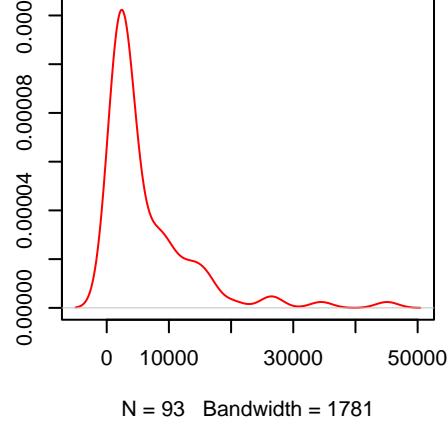
### Eso-AdenoCA.SBS5.real.exposure

N = 93 prob = 0.9588  
mu = 6355.37  
size = 1.12

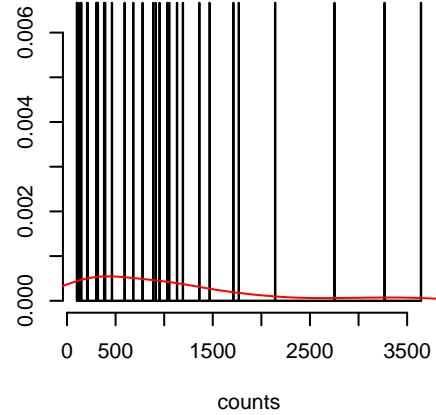


### Eso-AdenoCA.SBS5.real.exposure

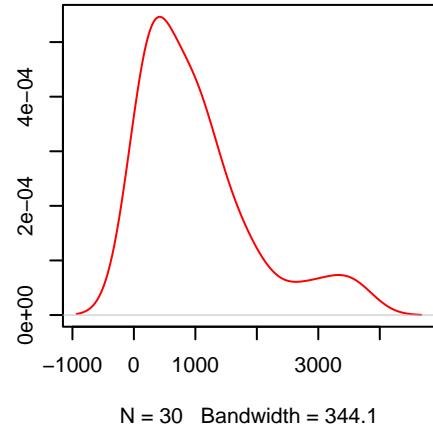
N = 93 prob = 0.9588  
mu = 6355.37  
size = 1.12



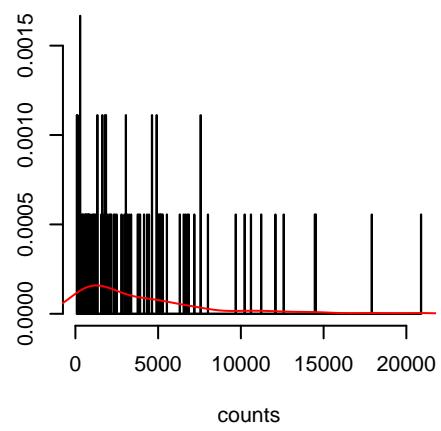
Eso-AdenoCA.SBS13.real.exposure  
N = 30 prob = 0.3093  
mu = 1014.47  
size = 1.29



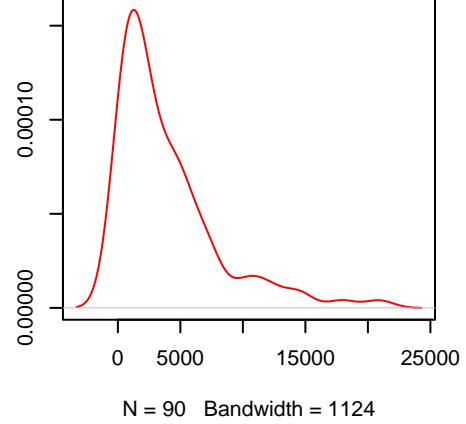
Eso-AdenoCA.SBS13.real.exposure  
N = 30 prob = 0.3093  
mu = 1014.47  
size = 1.29



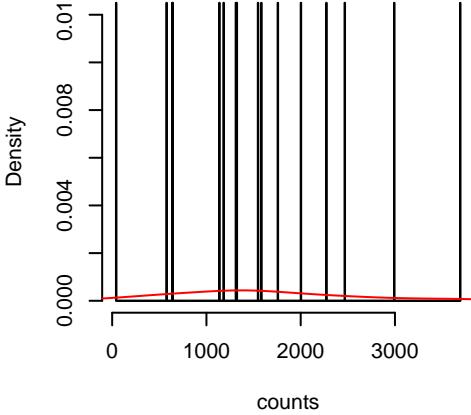
Eso-AdenoCA.SBS17a.real.exposure  
N = 90 prob = 0.9278  
mu = 3919.42  
size = 0.93



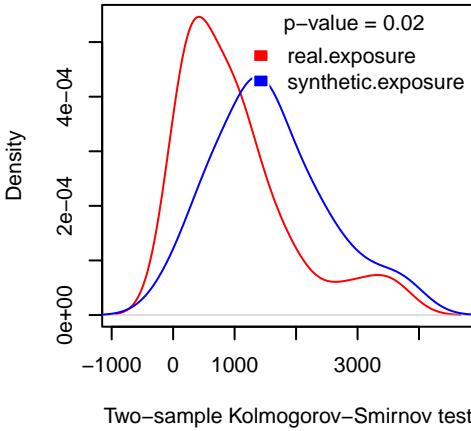
Eso-AdenoCA.SBS17a.real.exposure  
N = 90 prob = 0.9278  
mu = 3919.42  
size = 0.93



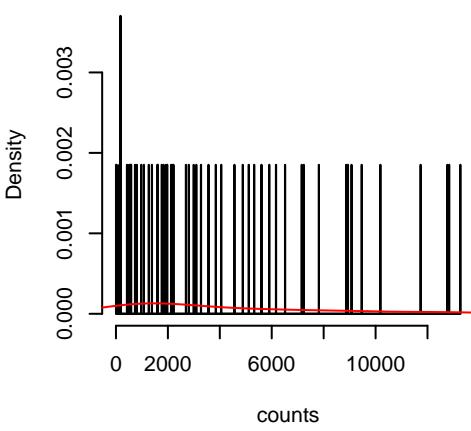
Eso-AdenoCA.SBS13.synthetic.exposure  
N = 16 prob = 0.2667  
mu = 1574.25  
size = 1.84



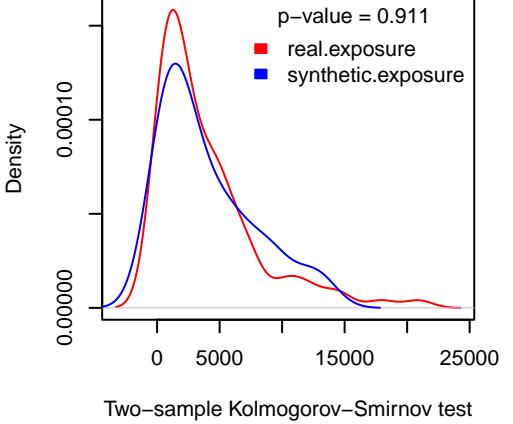
Eso-AdenoCA.SBS13.synthetic.exposure  
N = 16 prob = 0.2667  
mu = 1574.25  
size = 1.84



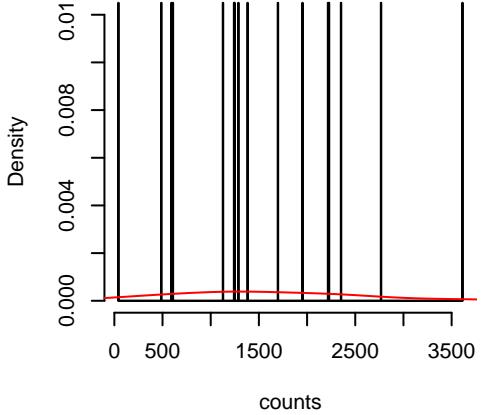
Eso-AdenoCA.SBS17a.synthetic.exposure  
N = 54 prob = 0.9  
mu = 4008.37  
size = 0.84



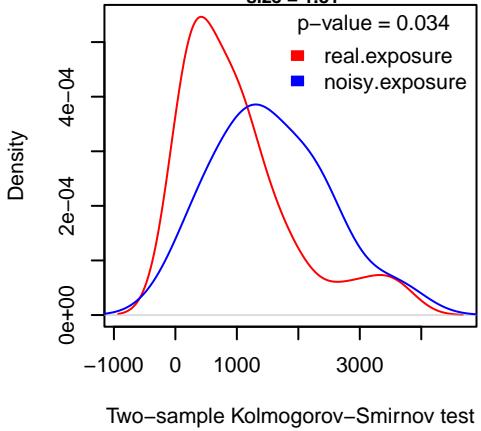
Eso-AdenoCA.SBS17a.synthetic.exposure  
N = 54 prob = 0.9  
mu = 4008.37  
size = 0.84



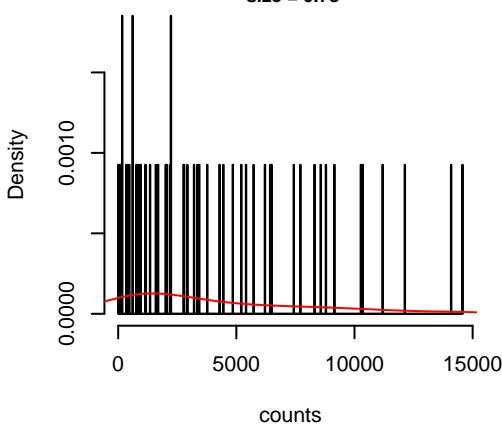
Eso-AdenoCA.SBS13.noisy.exposure  
N = 16 prob = 0.2667  
neg.binom.size = 30  
mu = 1553.58  
size = 1.81



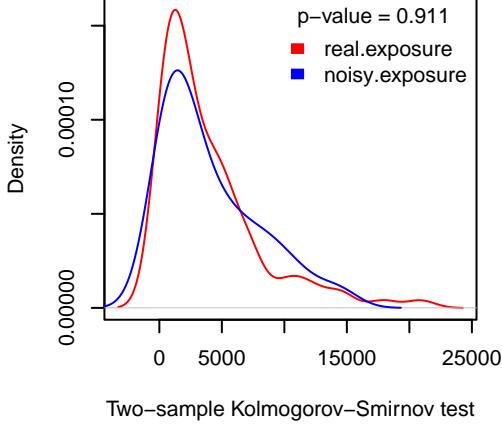
Eso-AdenoCA.SBS13.noisy.exposure  
N = 16 prob = 0.2667  
neg.binom.size = 30  
mu = 1553.58  
size = 1.81



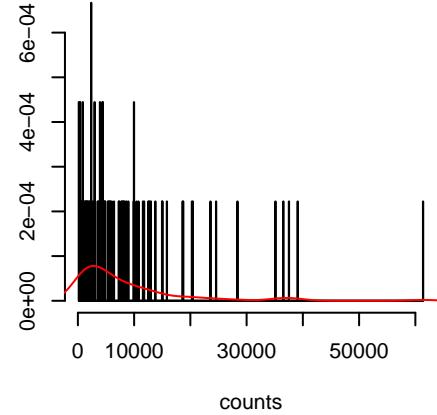
Eso-AdenoCA.SBS17a.noisy.exposure  
N = 54 prob = 0.9  
neg.binom.size = 30  
mu = 4075.96  
size = 0.78



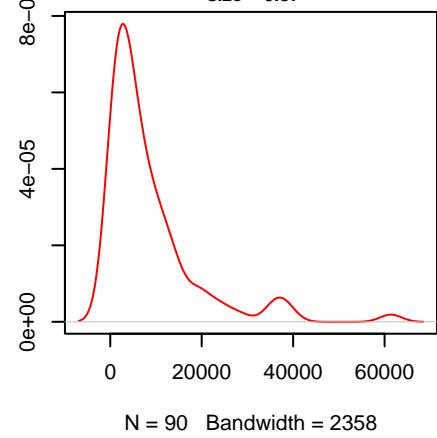
Eso-AdenoCA.SBS17a.noisy.exposure  
N = 54 prob = 0.9  
neg.binom.size = 30  
mu = 4075.96  
size = 0.78



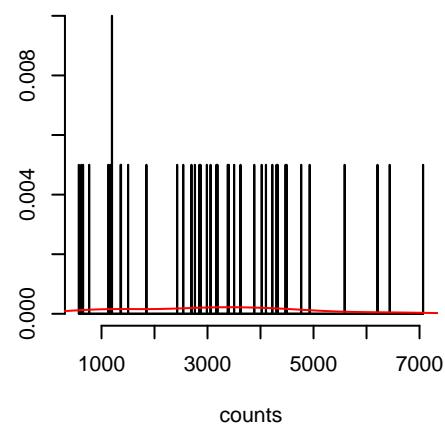
Eso-AdenoCA.SBS17b.real.exposure  
N = 90 prob = 0.9278  
mu = 8610.58  
size = 0.87



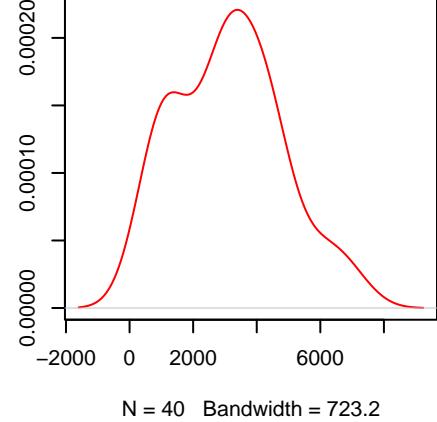
Eso-AdenoCA.SBS17b.real.exposure  
N = 90 prob = 0.9278  
mu = 8610.58  
size = 0.87



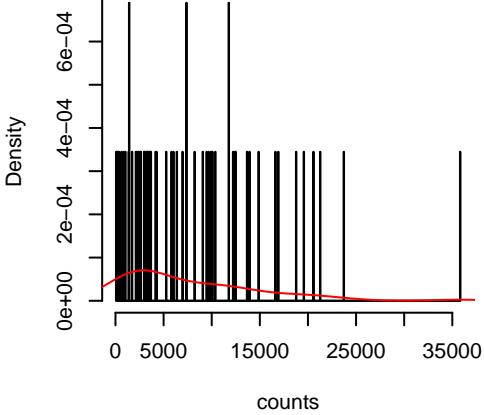
Eso-AdenoCA.SBS18.real.exposure  
N = 40 prob = 0.4124  
mu = 3116.6  
size = 2.85



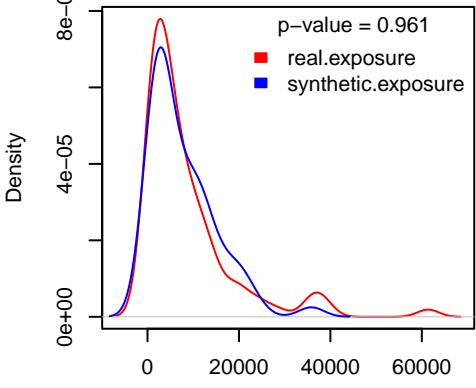
Eso-AdenoCA.SBS18.real.exposure  
N = 40 prob = 0.4124  
mu = 3116.6  
size = 2.85



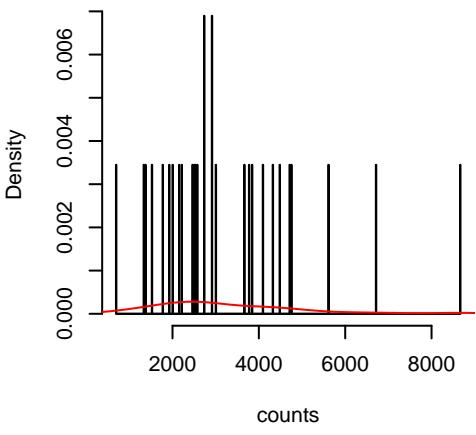
Eso-AdenoCA.SBS17b.synthetic.exposure  
N = 58 prob = 0.9667  
mu = 7761.9  
size = 1.03



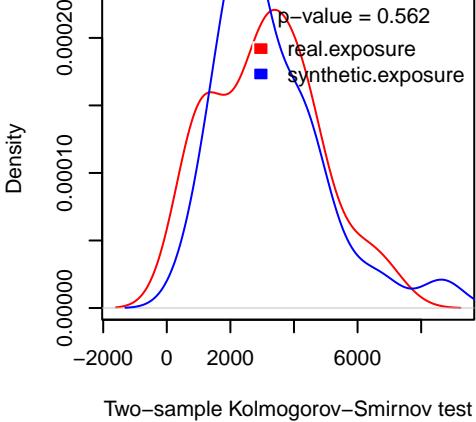
Eso-AdenoCA.SBS17b.synthetic.exposure  
N = 58 prob = 0.9667  
mu = 7761.9  
size = 1.03



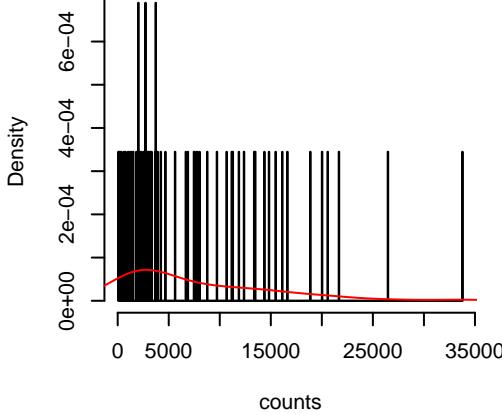
Eso-AdenoCA.SBS18.synthetic.exposure  
N = 29 prob = 0.4833  
mu = 3243.29  
size = 4.01



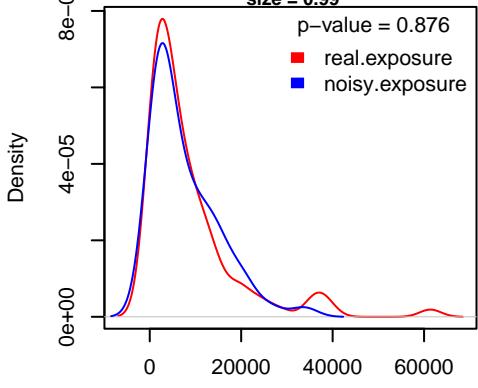
Eso-AdenoCA.SBS18.synthetic.exposure  
N = 29 prob = 0.4833  
mu = 3243.29  
size = 4.01



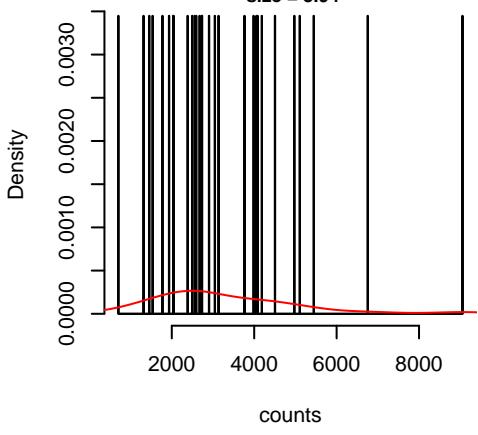
Eso-AdenoCA.SBS17b.noisy.exposure  
N = 58 prob = 0.9667  
neg.binom.size = 30  
mu = 7704.09  
size = 0.99



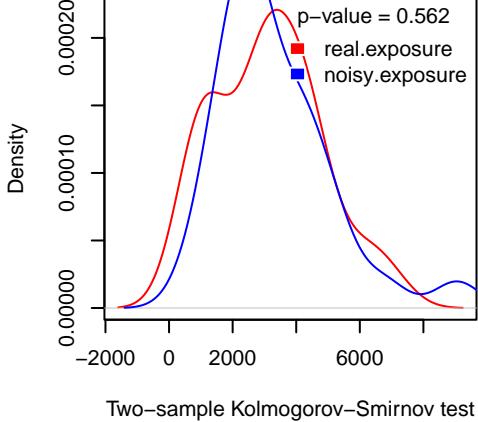
Eso-AdenoCA.SBS17b.noisy.exposure  
N = 58 prob = 0.9667  
neg.binom.size = 30  
mu = 7704.09  
size = 0.99



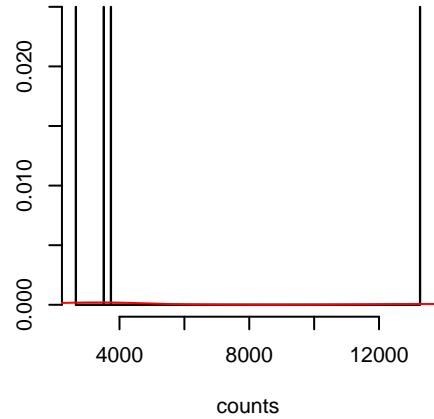
Eso-AdenoCA.SBS18.noisy.exposure  
N = 29 prob = 0.4833  
neg.binom.size = 30  
mu = 3309.79  
size = 3.94



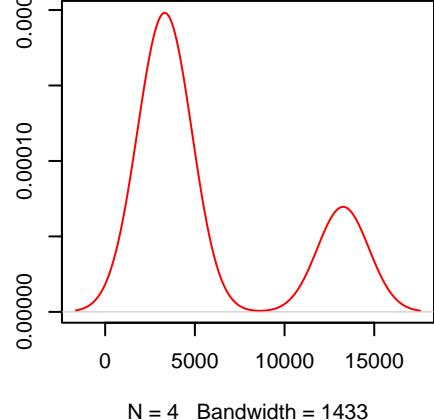
Eso-AdenoCA.SBS18.noisy.exposure  
N = 29 prob = 0.4833  
neg.binom.size = 30  
mu = 3309.79  
size = 3.94



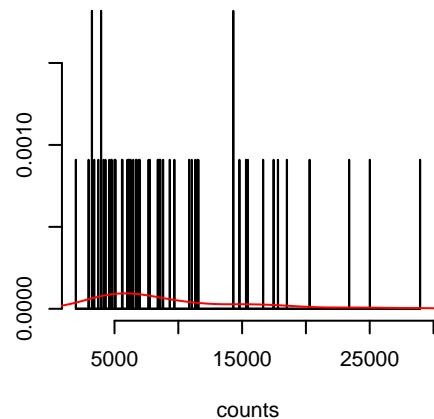
Eso-AdenoCA.SBS28.real.exposure  
N = 4 prob = 0.0412  
mu = 5793.11  
size = 2.4



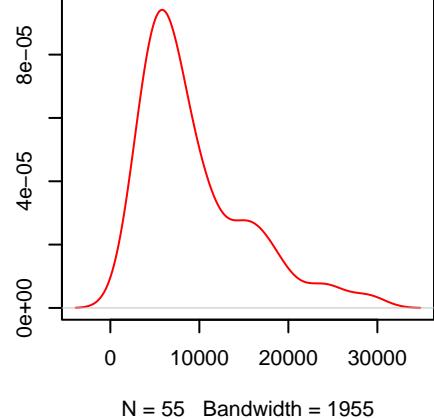
Eso-AdenoCA.SBS28.real.exposure  
N = 4 prob = 0.0412  
mu = 5793.11  
size = 2.4



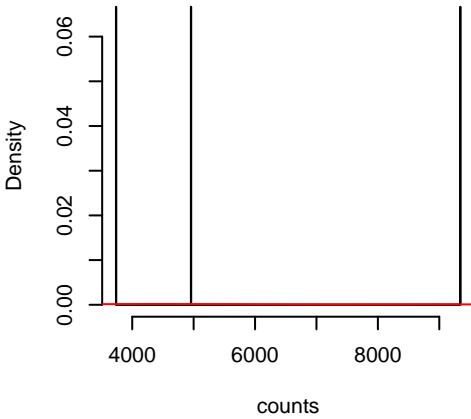
Eso-AdenoCA.SBS40.real.exposure  
N = 55 prob = 0.567  
mu = 9396.26  
size = 2.9



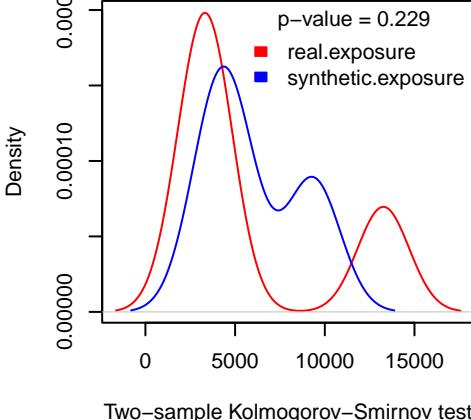
Eso-AdenoCA.SBS40.real.exposure  
N = 55 prob = 0.567  
mu = 9396.26  
size = 2.9



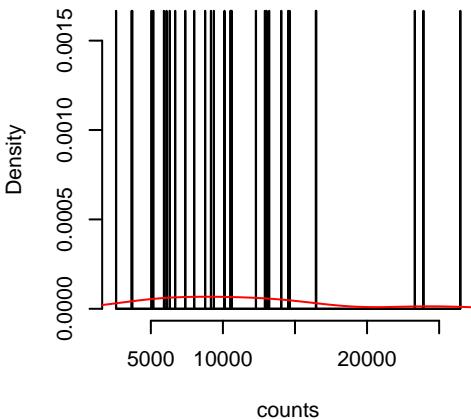
Eso-AdenoCA.SBS28.synthetic.exposure  
N = 3 prob = 0.05  
mu = 6013.22  
size = 6.76



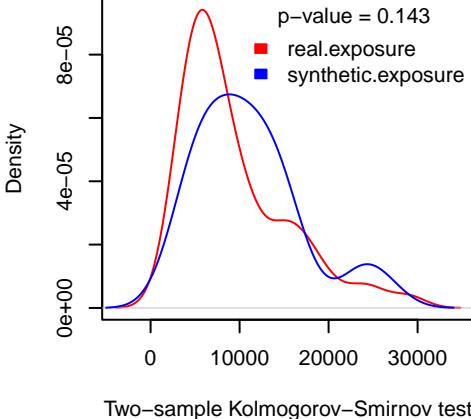
Eso-AdenoCA.SBS28.synthetic.exposure  
N = 3 prob = 0.05  
mu = 6013.22  
size = 6.76



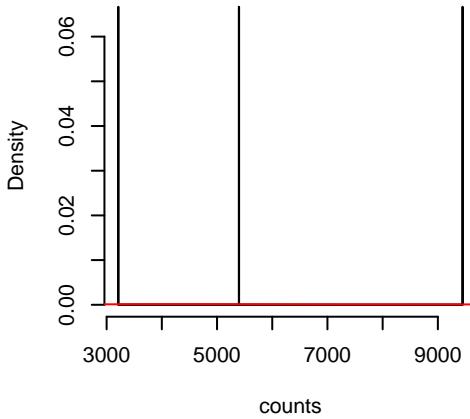
Eso-AdenoCA.SBS40.synthetic.exposure  
N = 30 prob = 0.5  
mu = 11030.74  
size = 3.6



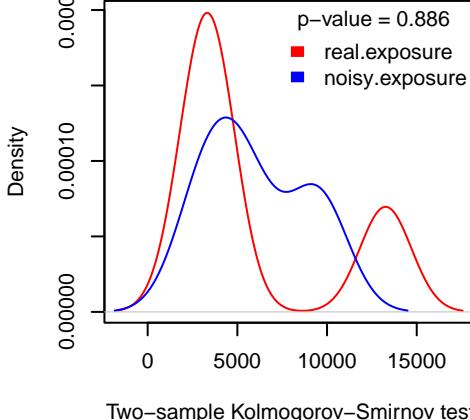
Eso-AdenoCA.SBS40.synthetic.exposure  
N = 30 prob = 0.5  
mu = 11030.74  
size = 3.6



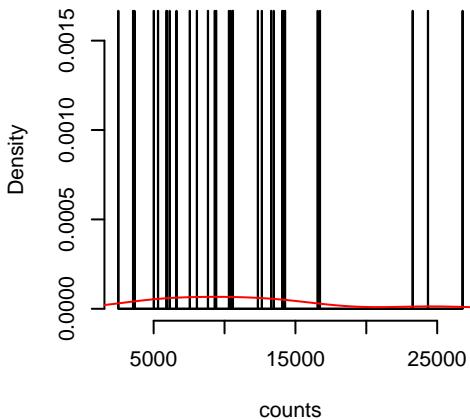
Eso-AdenoCA.SBS28.noisy.exposure  
N = 3 prob = 0.05  
neg.binom.size = 30  
mu = 6018.41  
size = 5.41



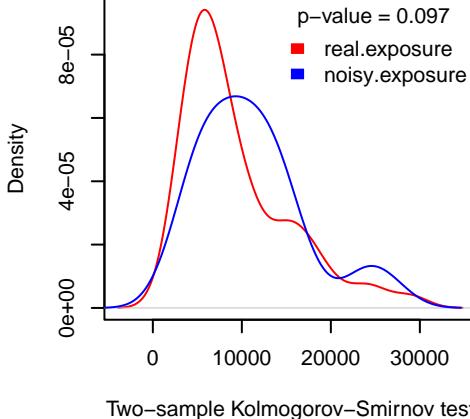
Eso-AdenoCA.SBS28.noisy.exposure  
N = 3 prob = 0.05  
neg.binom.size = 30  
mu = 6018.41  
size = 5.41



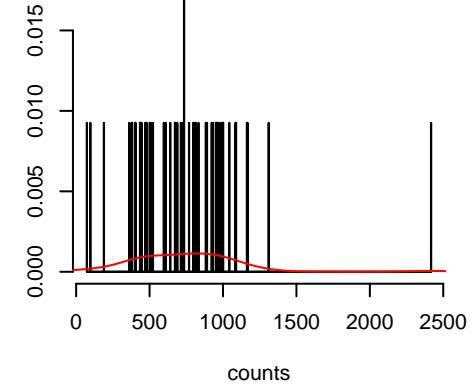
Eso-AdenoCA.SBS40.noisy.exposure  
N = 30 prob = 0.5  
neg.binom.size = 30  
mu = 11054.93  
size = 3.52



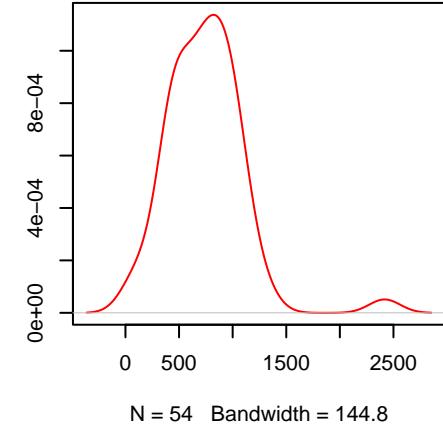
Eso-AdenoCA.SBS40.noisy.exposure  
N = 30 prob = 0.5  
neg.binom.size = 30  
mu = 11054.93  
size = 3.52



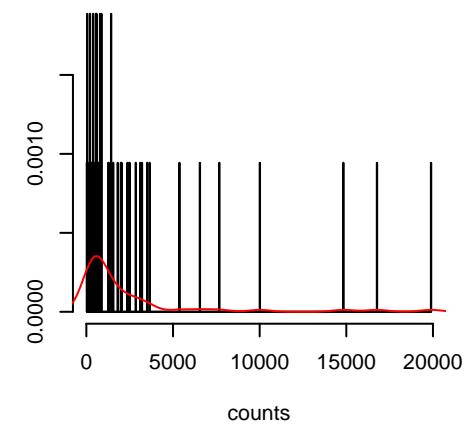
**Head-SCC.SBS1.real.exposure**  
N = 54 prob = 0.9643  
mu = 742.41  
size = 3.93



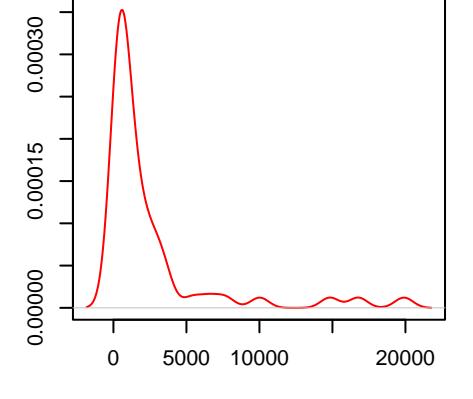
**Head-SCC.SBS1.real.exposure**  
N = 54 prob = 0.9643  
mu = 742.41  
size = 3.93



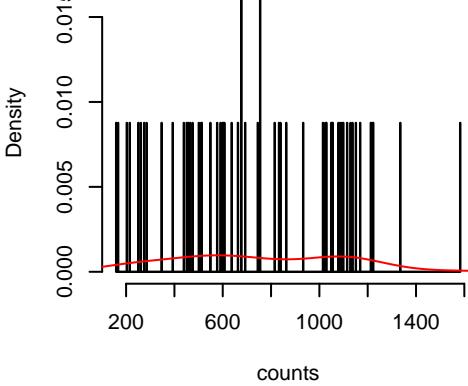
**Head-SCC.SBS2.real.exposure**  
N = 53 prob = 0.9464  
mu = 2499.87  
size = 0.66



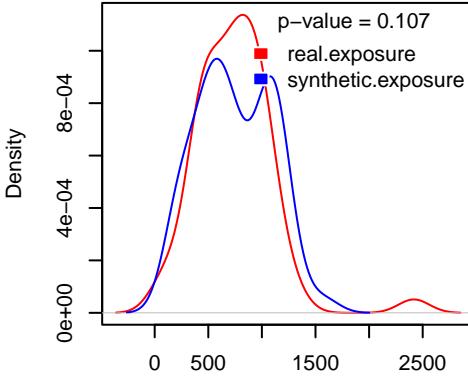
**Head-SCC.SBS2.real.exposure**  
N = 53 prob = 0.9464  
mu = 2499.87  
size = 0.66



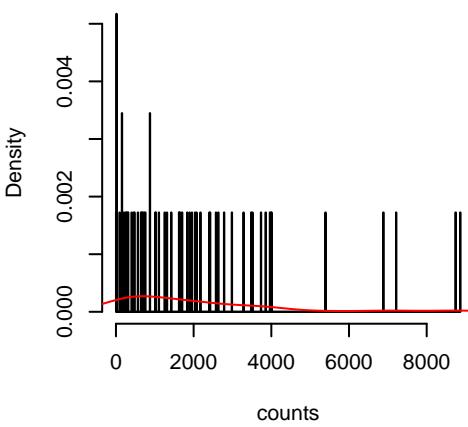
**Head-SCC.SBS1.synthetic.exposure**  
N = 57 prob = 0.95  
mu = 748.51  
size = 3.89



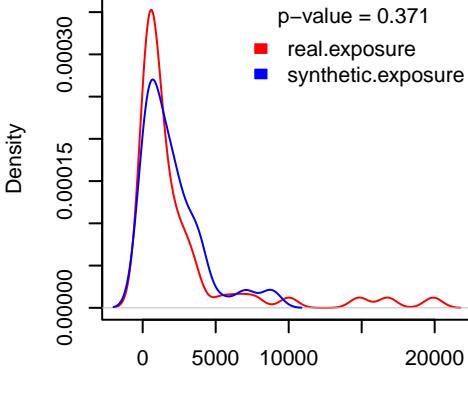
**Head-SCC.SBS1.synthetic.exposure**  
N = 57 prob = 0.95  
mu = 748.51  
size = 3.89



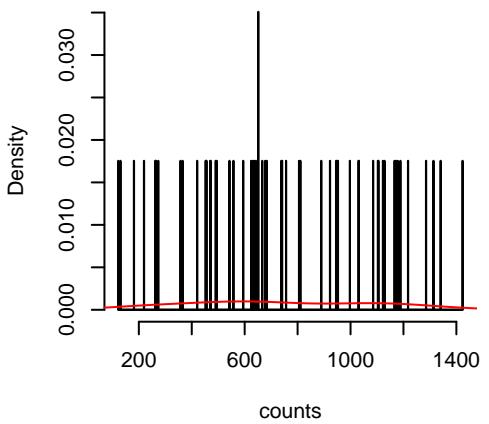
**Head-SCC.SBS2.synthetic.exposure**  
N = 58 prob = 0.9667  
mu = 2023.99  
size = 0.81



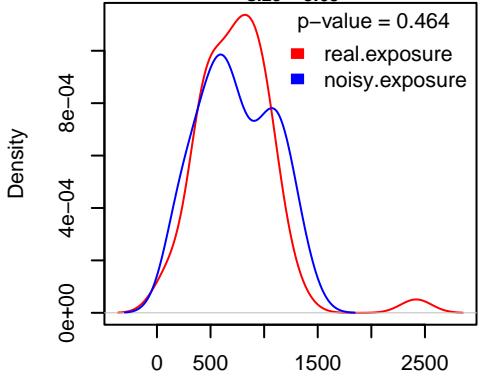
**Head-SCC.SBS2.synthetic.exposure**  
N = 58 prob = 0.9667  
mu = 2023.99  
size = 0.81



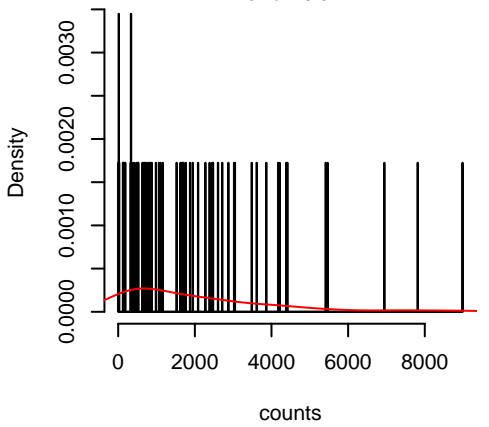
**Head-SCC.SBS1.noisy.exposure**  
N = 57 prob = 0.95  
neg.binom.size = 30  
mu = 739.21  
size = 3.65



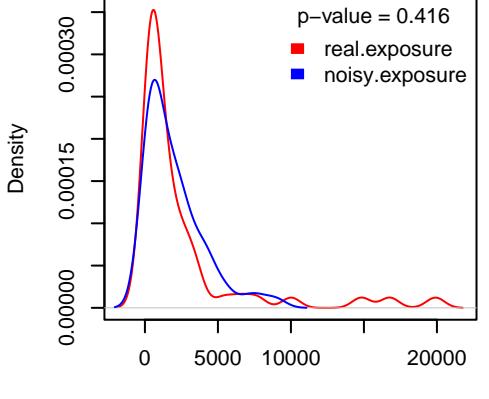
**Head-SCC.SBS1.noisy.exposure**  
N = 57 prob = 0.95  
neg.binom.size = 30  
mu = 739.21  
size = 3.65



**Head-SCC.SBS2.noisy.exposure**  
N = 58 prob = 0.9667  
neg.binom.size = 30  
mu = 2014.37  
size = 0.82



**Head-SCC.SBS2.noisy.exposure**  
N = 58 prob = 0.9667  
neg.binom.size = 30  
mu = 2014.37  
size = 0.82

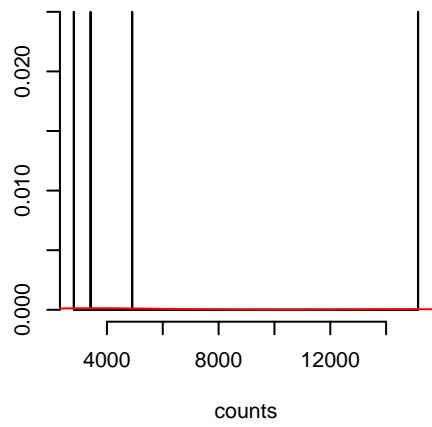


N = 53 Bandwidth = 623

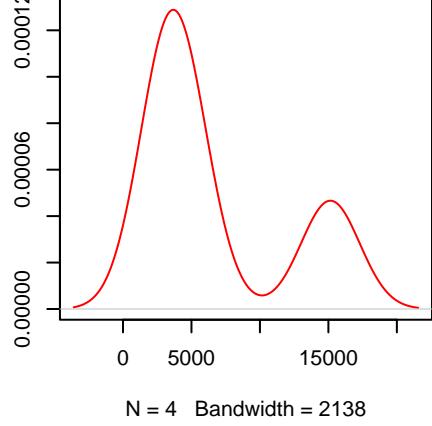
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

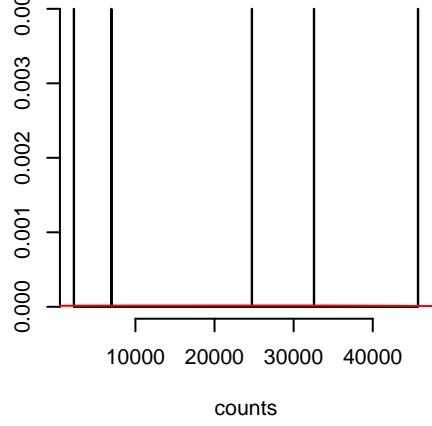
Head-SCC.SBS3.real.exposure  
N = 4 prob = 0.0714  
mu = 6571.5  
size = 2.24



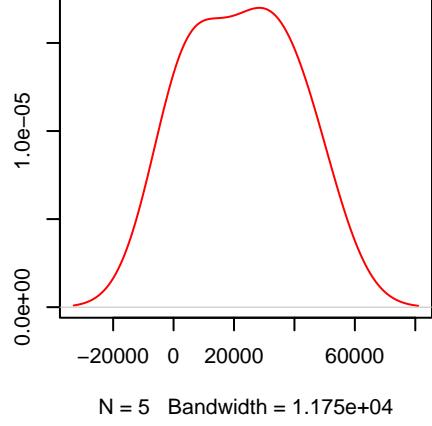
Head-SCC.SBS3.real.exposure  
N = 4 prob = 0.0714  
mu = 6571.5  
size = 2.24



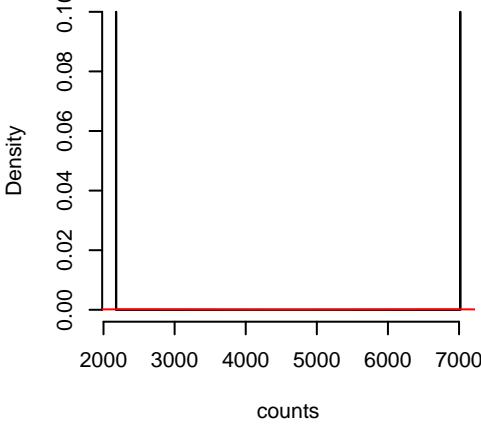
Head-SCC.SBS4.real.exposure  
N = 5 prob = 0.0893  
mu = 22424.14  
size = 1.22



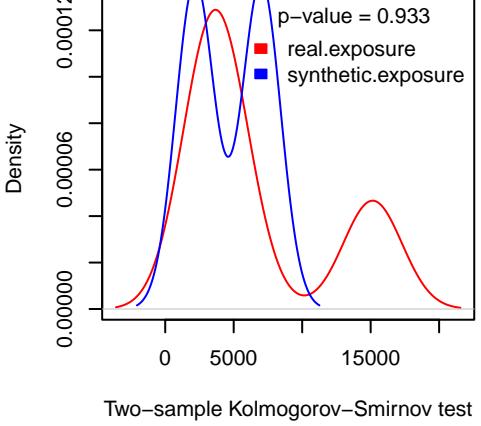
Head-SCC.SBS4.real.exposure  
N = 5 prob = 0.0893  
mu = 22424.14  
size = 1.22



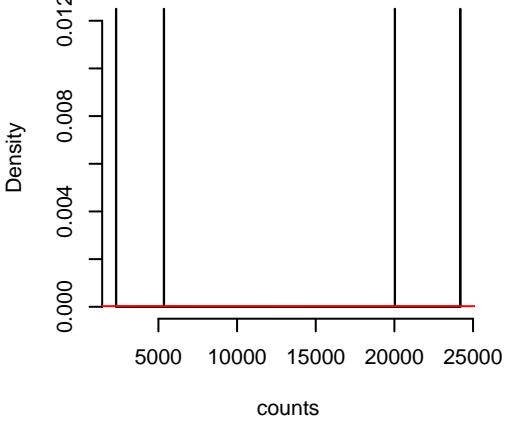
Head-SCC.SBS3.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 4596.13  
size = 3.24



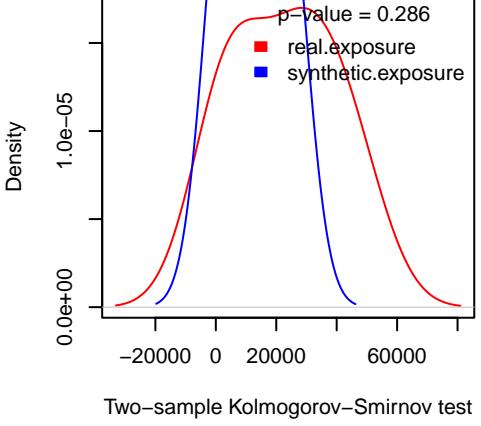
Head-SCC.SBS3.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 4596.13  
size = 3.24



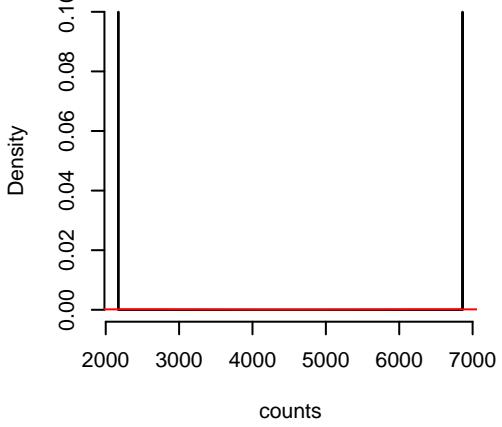
Head-SCC.SBS4.synthetic.exposure  
N = 4 prob = 0.0667  
mu = 12971.36  
size = 1.43



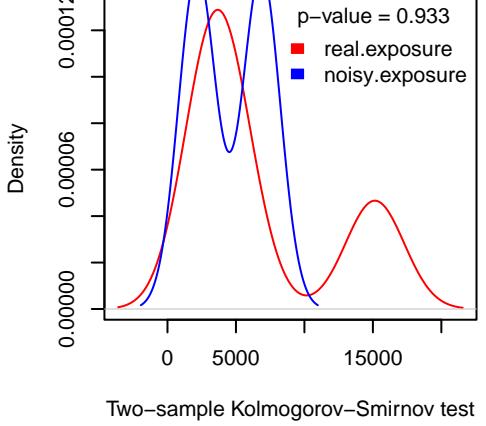
Head-SCC.SBS4.synthetic.exposure  
N = 4 prob = 0.0667  
mu = 12971.36  
size = 1.43



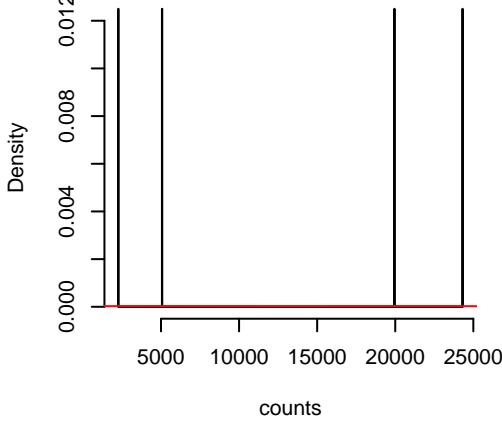
Head-SCC.SBS3.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 4516.75  
size = 3.34



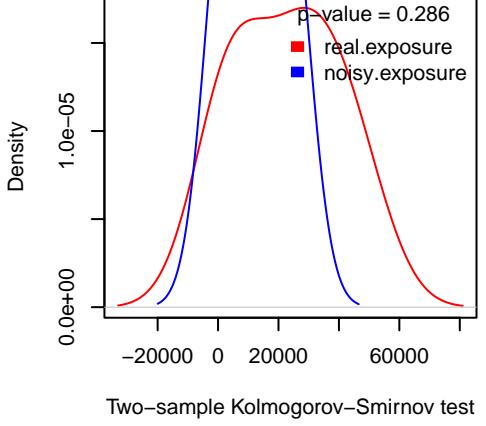
Head-SCC.SBS3.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 4516.75  
size = 3.34



Head-SCC.SBS4.noisy.exposure  
N = 4 prob = 0.0667  
neg.binom.size = 30  
mu = 12902.27  
size = 1.39

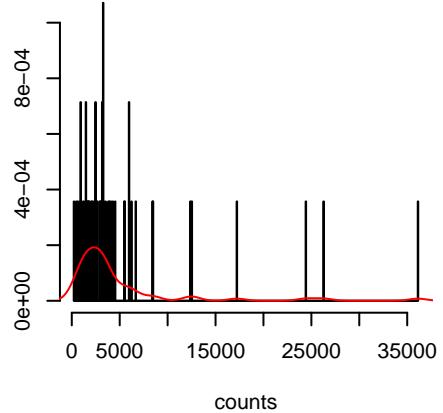


Head-SCC.SBS4.noisy.exposure  
N = 4 prob = 0.0667  
neg.binom.size = 30  
mu = 12902.27  
size = 1.39

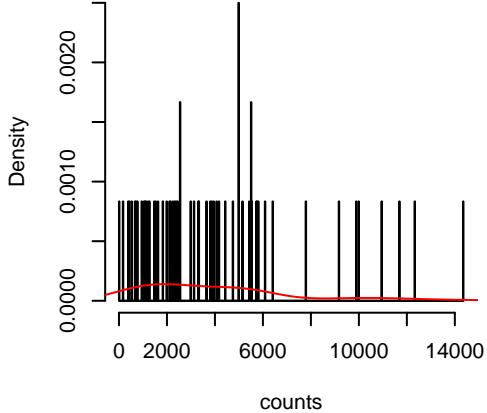


**Head-SCC.SBS5.real.exposure**

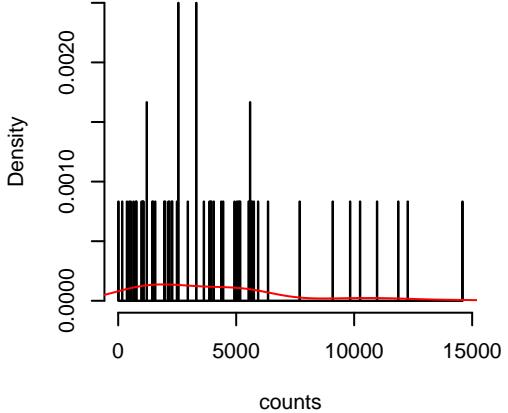
N = 56 prob = 1  
mu = 4972.9  
size = 1.12

**Head-SCC.SBS5.synthetic.exposure**

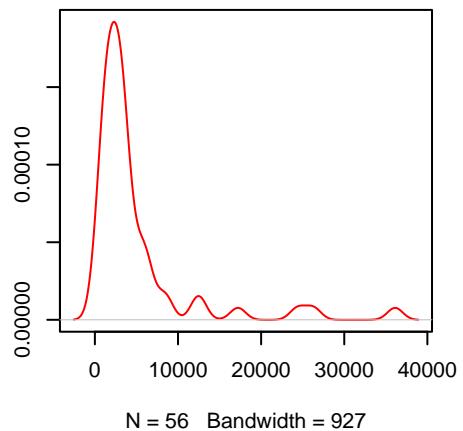
N = 60 prob = 1  
mu = 4016.99  
size = 1.28

**Head-SCC.SBS5.noisy.exposure**

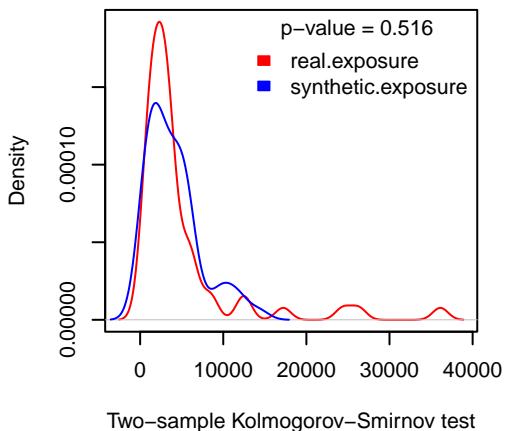
N = 60 prob = 1  
neg.binom.size = 30  
mu = 4039.63  
size = 1.23

**Head-SCC.SBS5.real.exposure**

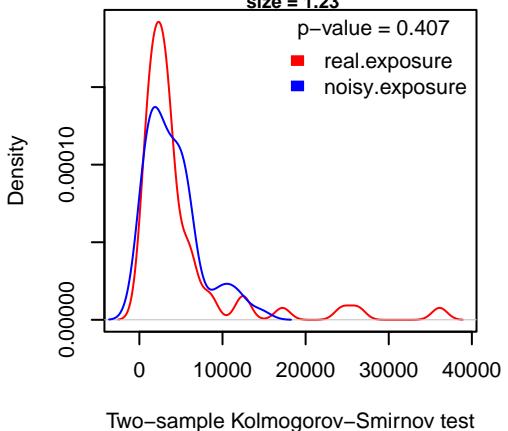
N = 56 prob = 1  
mu = 4972.9  
size = 1.12

**Head-SCC.SBS5.synthetic.exposure**

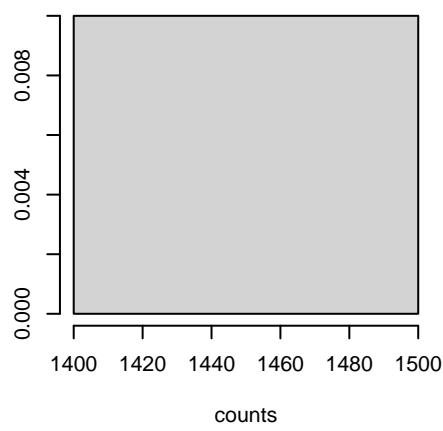
N = 60 prob = 1  
mu = 4016.99  
size = 1.28

**Head-SCC.SBS5.noisy.exposure**

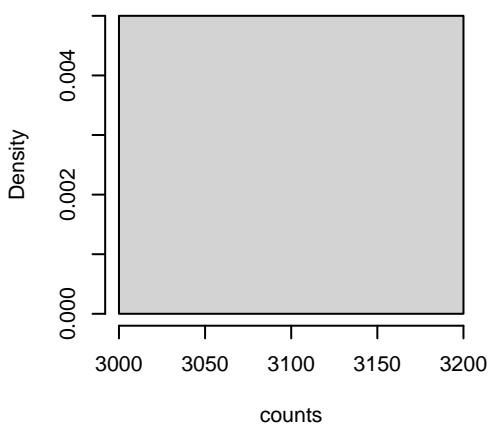
N = 60 prob = 1  
neg.binom.size = 30  
mu = 4039.63  
size = 1.23

**Head-SCC.SBS7b.real.exposure**

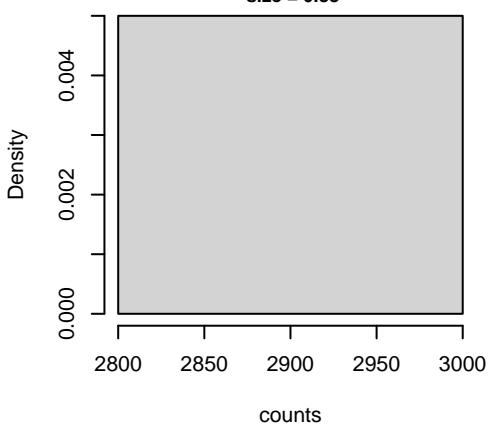
N = 1 prob = 0.0179  
mu = 1464  
size = 0.88

**Head-SCC.SBS7b.synthetic.exposure**

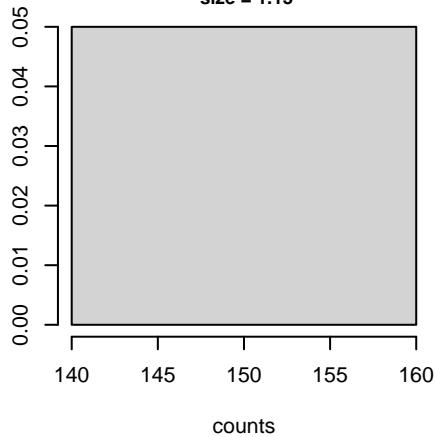
N = 1 prob = 0.0167  
mu = 3020  
size = 0.88

**Head-SCC.SBS7b.noisy.exposure**

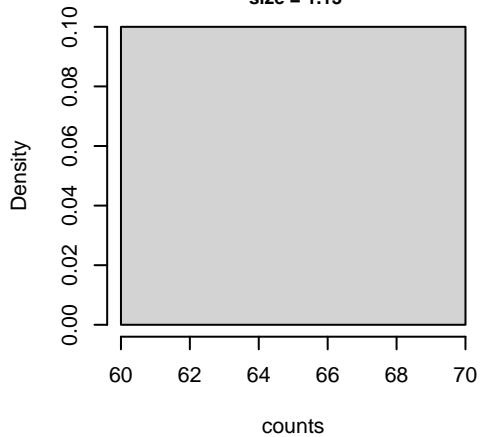
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 2899  
size = 0.88



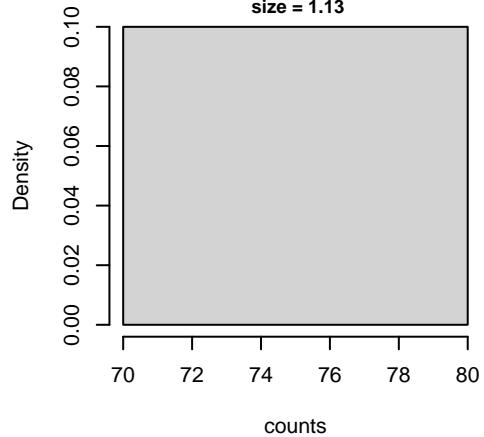
**Head-SCC.SBS7d.real.exposure**  
N = 1 prob = 0.0179  
mu = 155  
size = 1.13



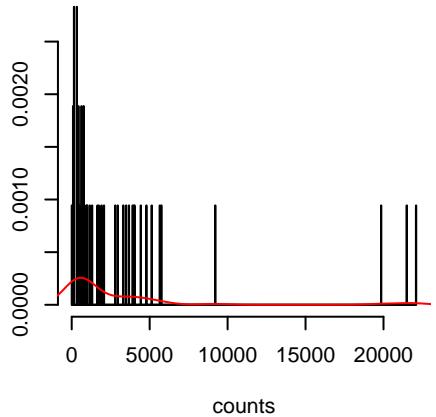
**Head-SCC.SBS7d.synthetic.exposure**  
N = 1 prob = 0.0167  
mu = 64  
size = 1.13



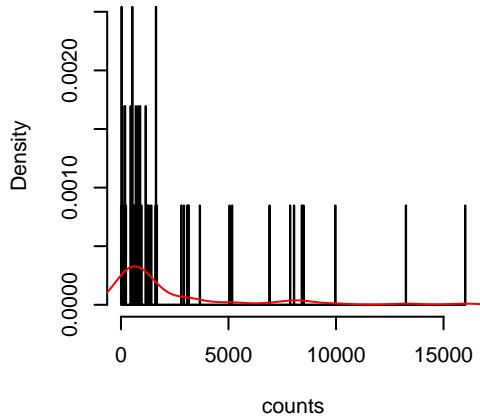
**Head-SCC.SBS7d.noisy.exposure**  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 72  
size = 1.13



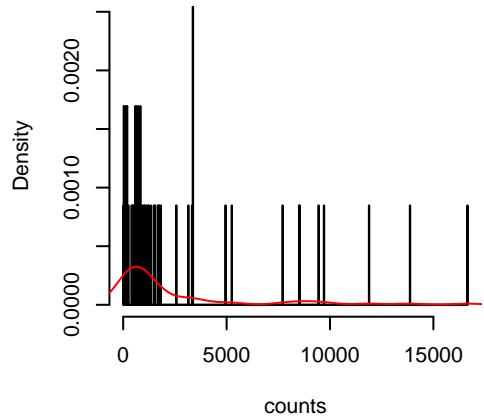
**Head-SCC.SBS13.real.exposure**  
N = 53 prob = 0.9464  
mu = 2830.73  
size = 0.58



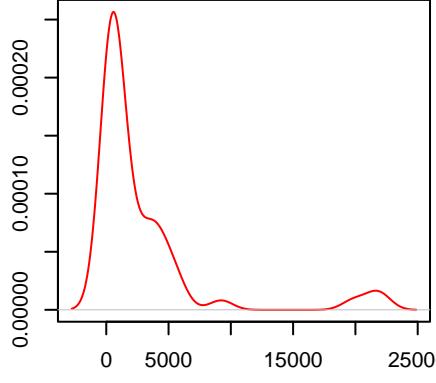
**Head-SCC.SBS13.synthetic.exposure**  
N = 59 prob = 0.9833  
mu = 2338.65  
size = 0.62



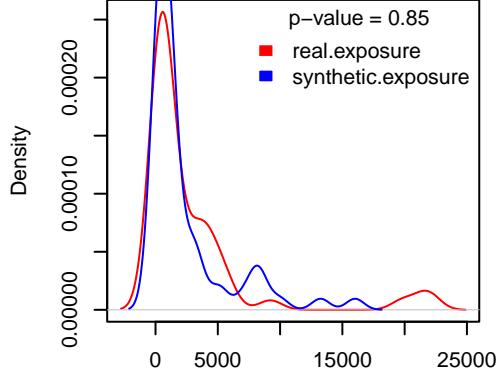
**Head-SCC.SBS13.noisy.exposure**  
N = 59 prob = 0.9833  
neg.binom.size = 30  
mu = 2477.09  
size = 0.61



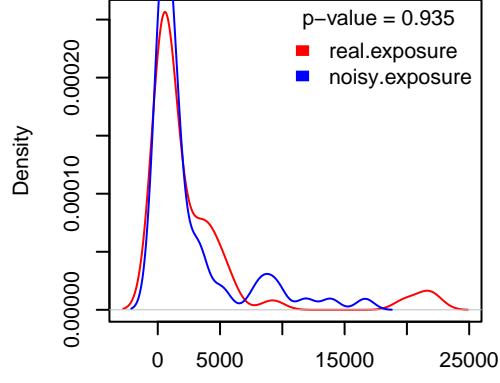
**Head-SCC.SBS13.real.exposure**  
N = 53 prob = 0.9464  
mu = 2830.73  
size = 0.58



**Head-SCC.SBS13.synthetic.exposure**  
N = 59 prob = 0.9833  
mu = 2338.65  
size = 0.62



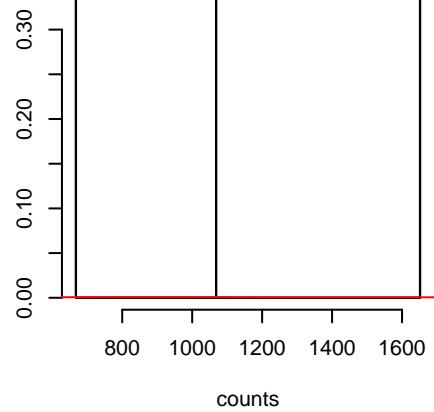
**Head-SCC.SBS13.noisy.exposure**  
N = 59 prob = 0.9833  
neg.binom.size = 30  
mu = 2477.09  
size = 0.61



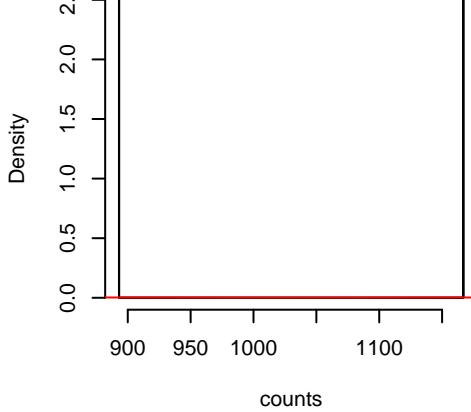
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

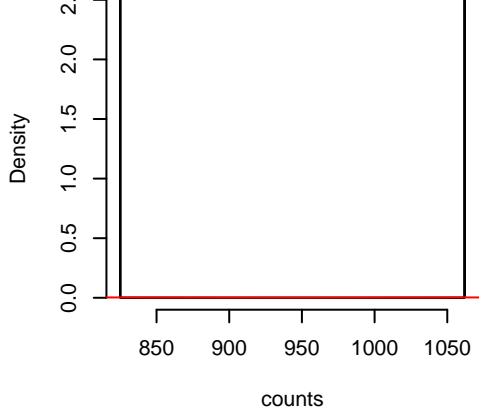
Head-SCC.SBS16.real.exposure  
N = 3 prob = 0.0536  
mu = 1129.35  
size = 7.67



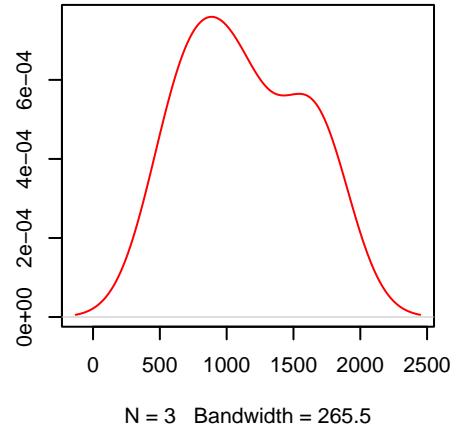
Head-SCC.SBS16.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 1030.01  
size = 59.44



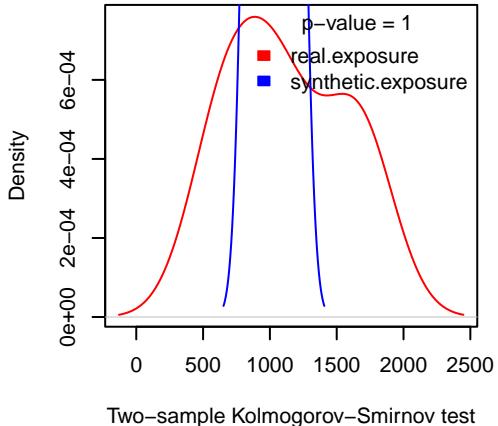
Head-SCC.SBS16.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 943.47  
size = 67.59



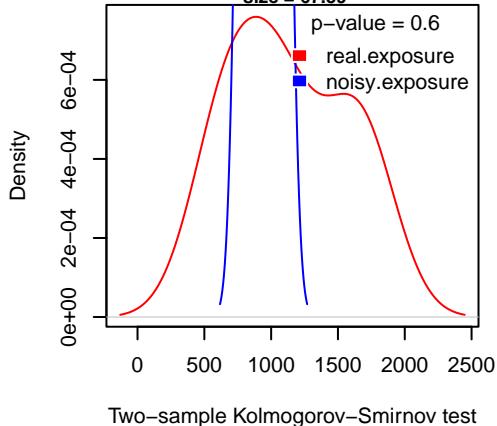
Head-SCC.SBS16.real.exposure  
N = 3 prob = 0.0536  
mu = 1129.35  
size = 7.67



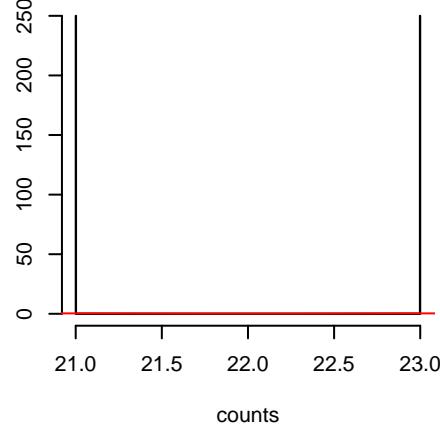
Head-SCC.SBS16.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 1030.01  
size = 59.44



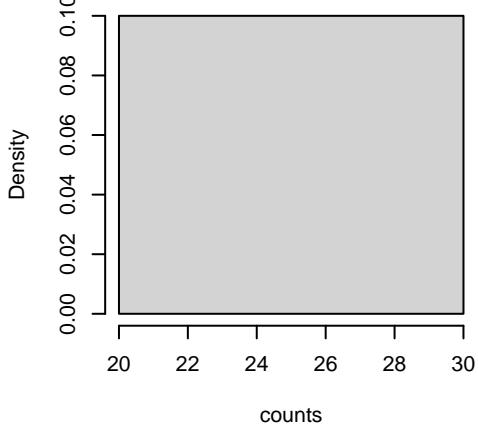
Head-SCC.SBS16.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 943.47  
size = 67.59



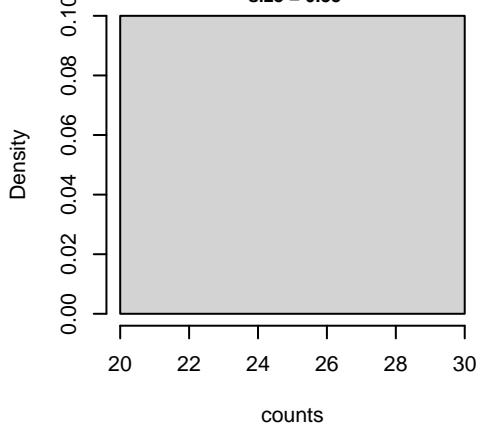
Head-SCC.SBS17a.real.exposure  
N = 2 prob = 0.0357  
mu = 22  
size = 217230228.07



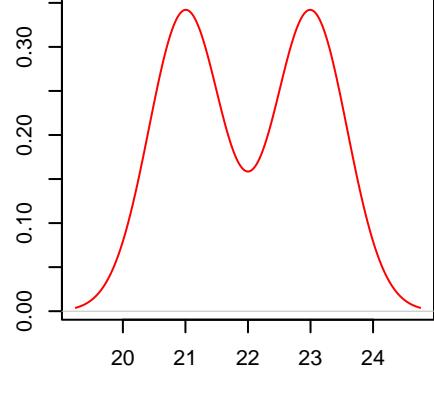
Head-SCC.SBS17a.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 21  
size = 0.55



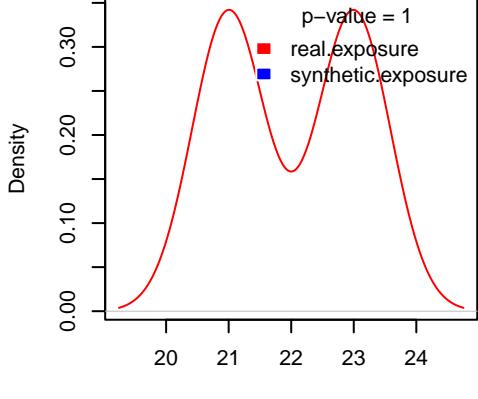
Head-SCC.SBS17a.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 21  
size = 0.55



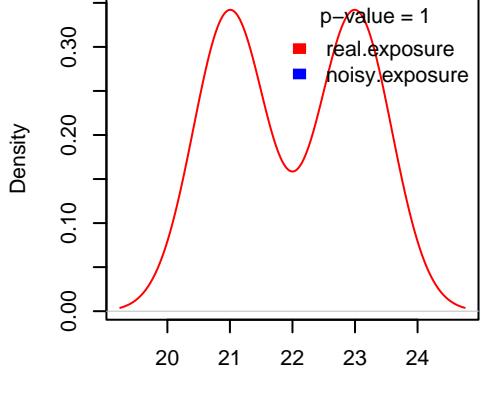
Head-SCC.SBS17a.real.exposure  
N = 2 prob = 0.0357  
mu = 22  
size = 217230228.07



Head-SCC.SBS17a.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 21  
size = 0.55



Head-SCC.SBS17a.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 21  
size = 0.55

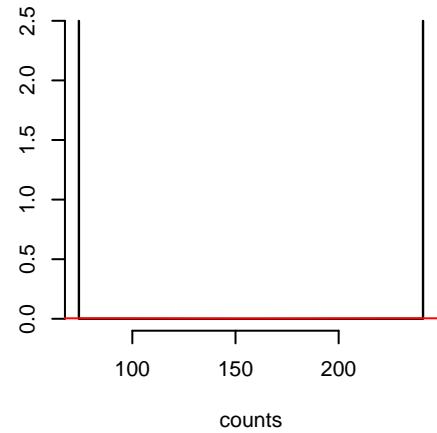


N = 2 Bandwidth = 0.5847

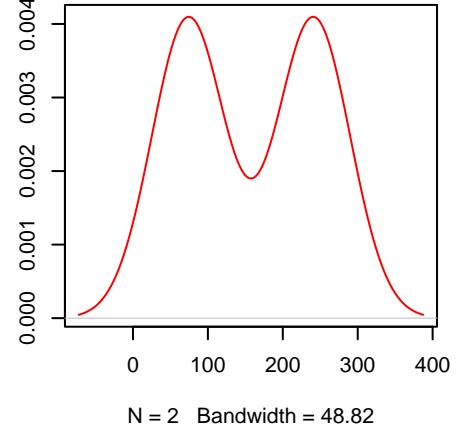
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

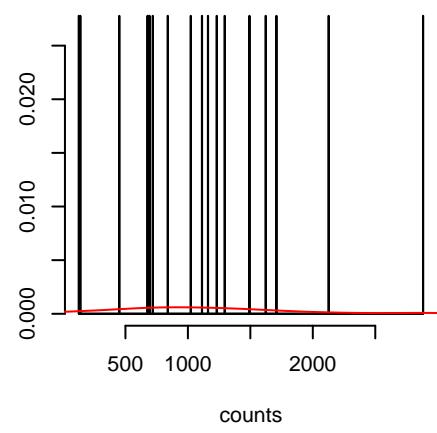
Head-SCC.SBS17b.real.exposure  
N = 2 prob = 0.0357  
mu = 157.47  
size = 3.25



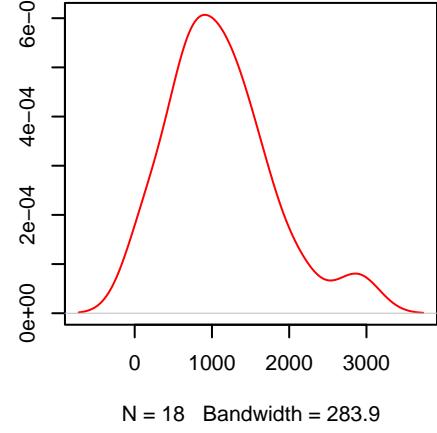
Head-SCC.SBS17b.real.exposure  
N = 2 prob = 0.0357  
mu = 157.47  
size = 3.25



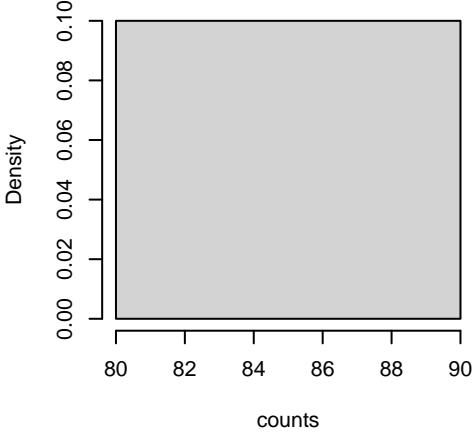
Head-SCC.SBS18.real.exposure  
N = 18 prob = 0.3214  
mu = 1110.97  
size = 2.22



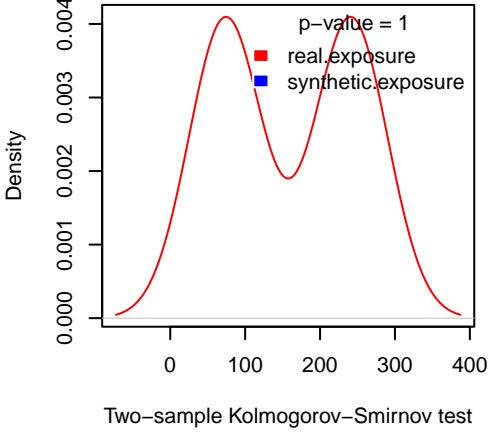
Head-SCC.SBS18.real.exposure  
N = 18 prob = 0.3214  
mu = 1110.97  
size = 2.22



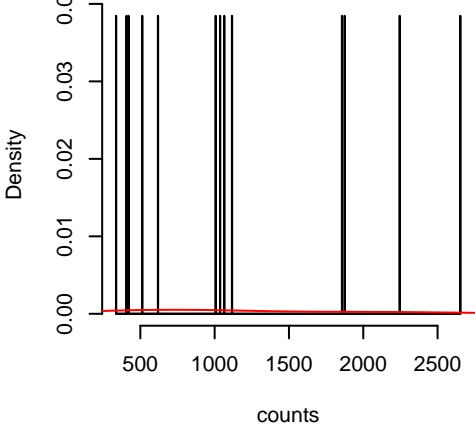
Head-SCC.SBS17b.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 87  
size = 0.56



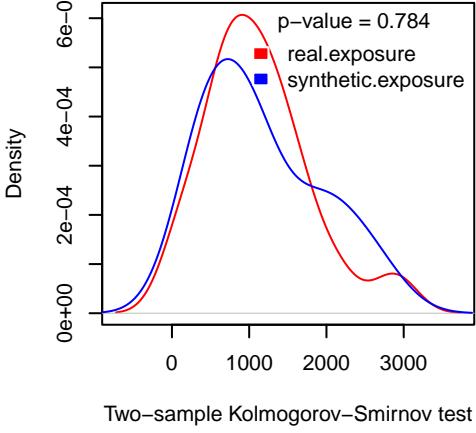
Head-SCC.SBS17b.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 87  
size = 0.56



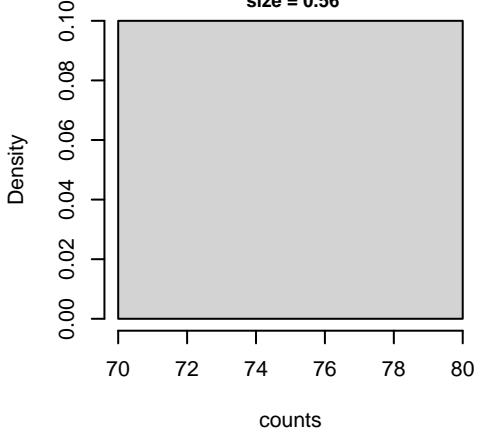
Head-SCC.SBS18.synthetic.exposure  
N = 13 prob = 0.2167  
mu = 1166.66  
size = 2.53



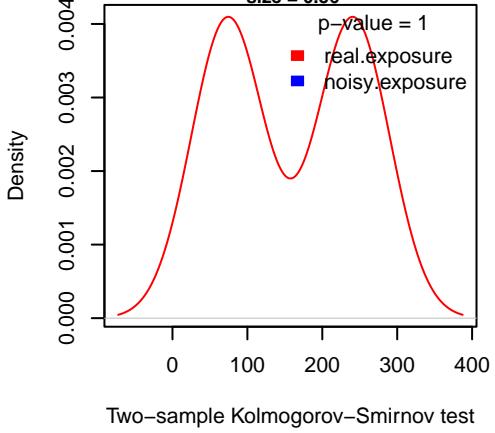
Head-SCC.SBS18.synthetic.exposure  
N = 13 prob = 0.2167  
mu = 1166.66  
size = 2.53



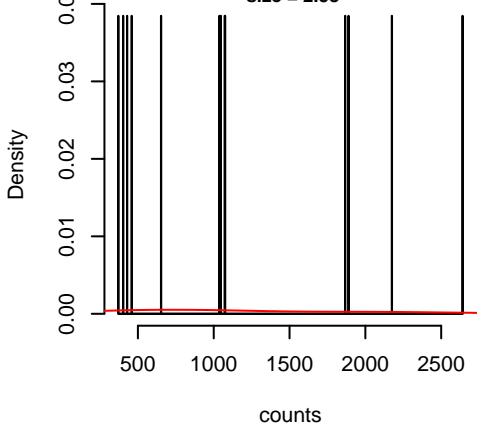
Head-SCC.SBS17b.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 80  
size = 0.56



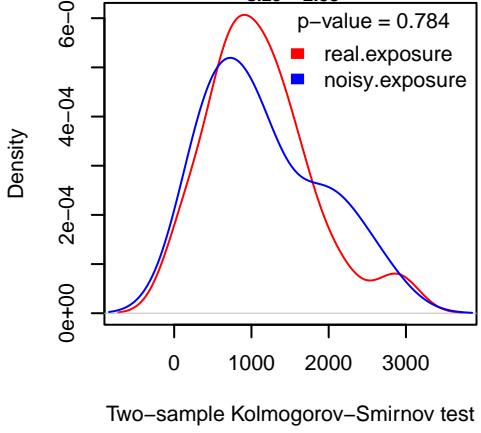
Head-SCC.SBS17b.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 80  
size = 0.56



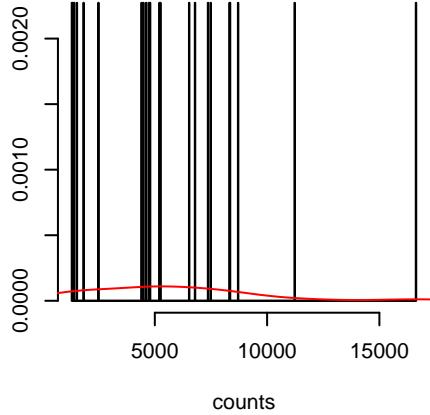
Head-SCC.SBS18.noisy.exposure  
N = 13 prob = 0.2167  
neg.binom.size = 30  
mu = 1163.28  
size = 2.58



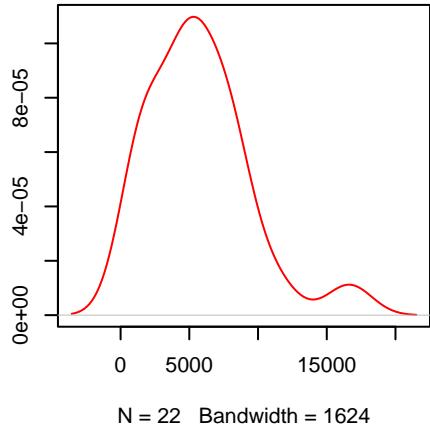
Head-SCC.SBS18.noisy.exposure  
N = 13 prob = 0.2167  
neg.binom.size = 30  
mu = 1163.28  
size = 2.58



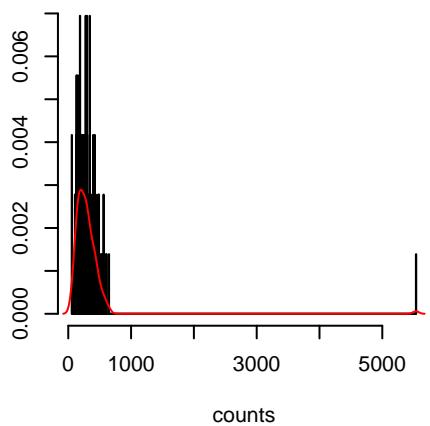
Head-SCC.SBS40.real.exposure  
N = 22 prob = 0.3929  
mu = 5677.89  
size = 2.38



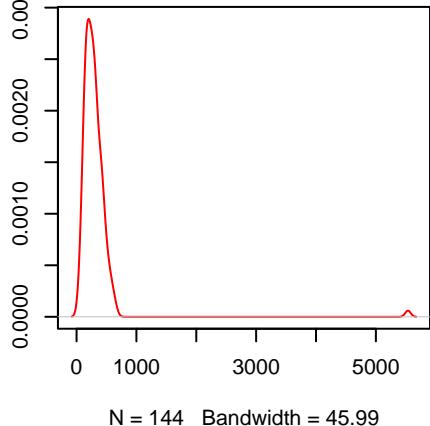
Head-SCC.SBS40.real.exposure  
N = 22 prob = 0.3929  
mu = 5677.89  
size = 2.38



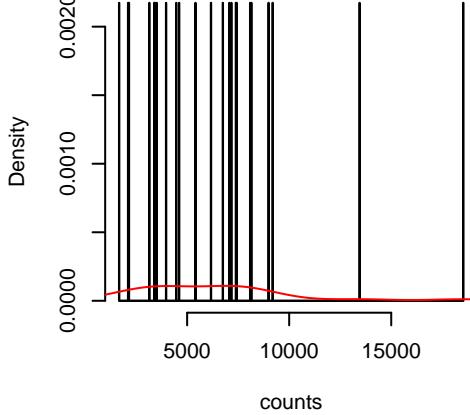
Kidney-RCC.SBS1.real.exposure  
N = 144 prob = 1  
mu = 314.02  
size = 2.44



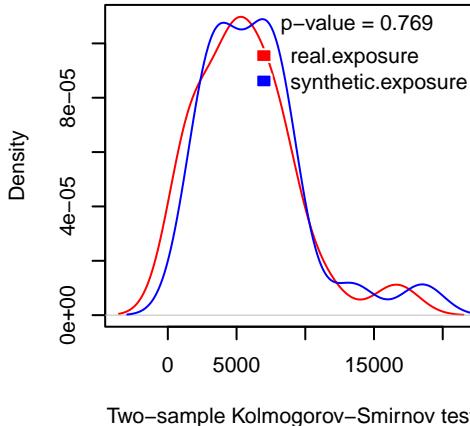
Kidney-RCC.SBS1.real.exposure  
N = 144 prob = 1  
mu = 314.02  
size = 2.44



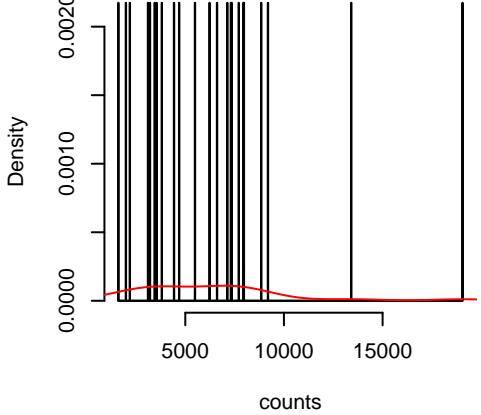
Head-SCC.SBS40.synthetic.exposure  
N = 23 prob = 0.3833  
mu = 6357.16  
size = 3.18



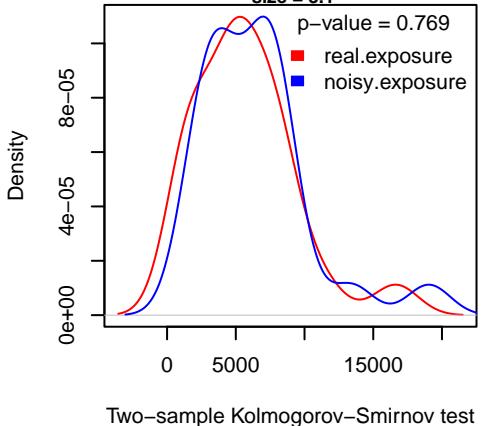
Head-SCC.SBS40.synthetic.exposure  
N = 23 prob = 0.3833  
mu = 6357.16  
size = 3.18



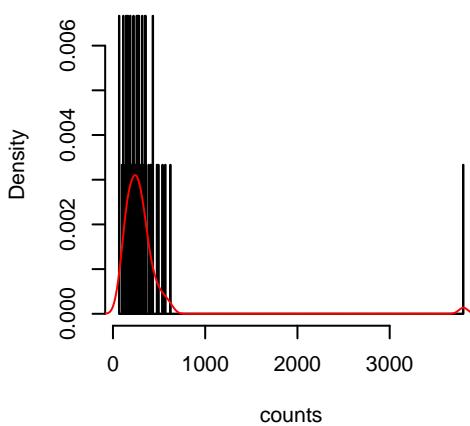
Head-SCC.SBS40.noisy.exposure  
N = 23 prob = 0.3833  
neg.binom.size = 30  
mu = 6363.35  
size = 3.1



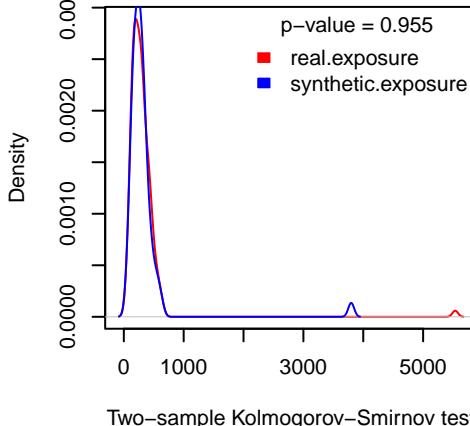
Head-SCC.SBS40.noisy.exposure  
N = 23 prob = 0.3833  
neg.binom.size = 30  
mu = 6363.35  
size = 3.1



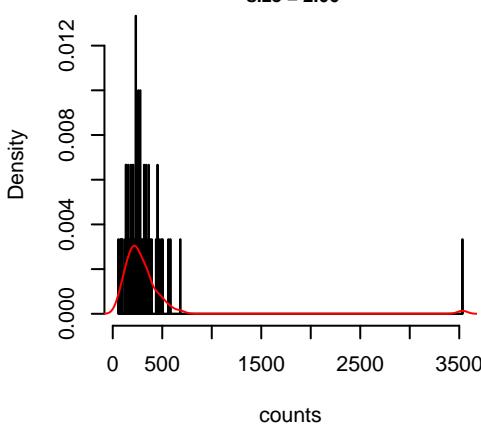
Kidney-RCC.SBS1.synthetic.exposure  
N = 60 prob = 1  
mu = 330.02  
size = 2.08



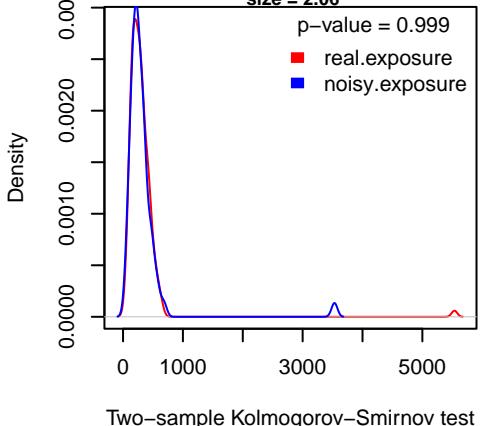
Kidney-RCC.SBS1.synthetic.exposure  
N = 60 prob = 1  
mu = 330.02  
size = 2.08



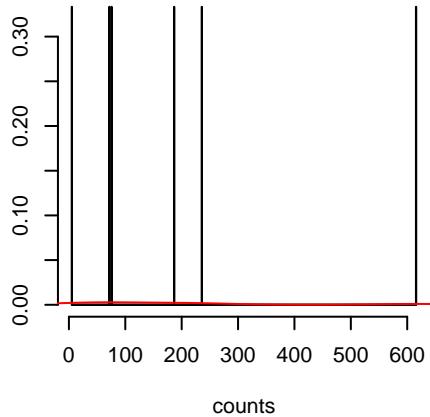
Kidney-RCC.SBS1.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 327.76  
size = 2.06



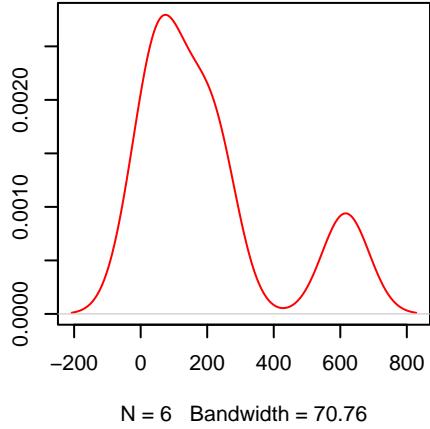
Kidney-RCC.SBS1.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 327.76  
size = 2.06



Kidney-RCC.SBS2.real.exposure  
N = 6 prob = 0.0417  
mu = 198.7  
size = 0.81

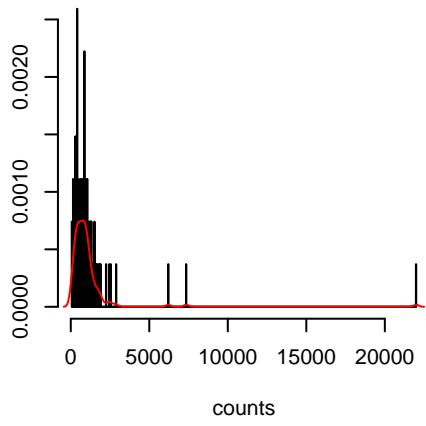


Kidney-RCC.SBS2.real.exposure  
N = 6 prob = 0.0417  
mu = 198.7  
size = 0.81

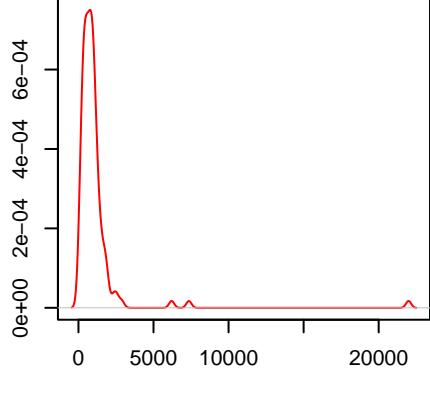


N = 6 Bandwidth = 70.76

Kidney-RCC.SBS5.real.exposure  
N = 135 prob = 0.9375  
mu = 1084.22  
size = 1.33

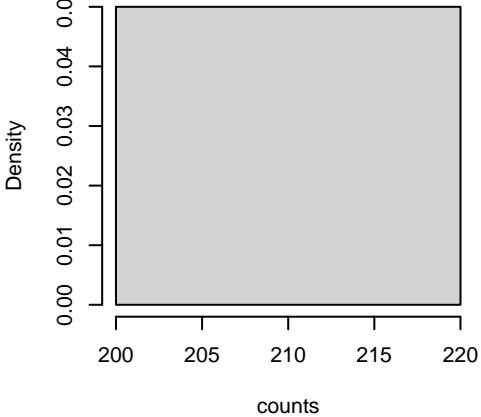


Kidney-RCC.SBS5.real.exposure  
N = 135 prob = 0.9375  
mu = 1084.22  
size = 1.33

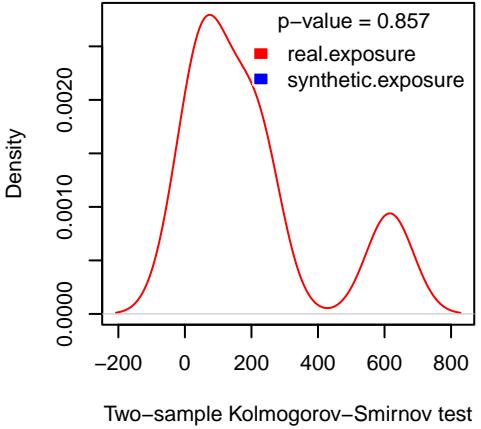


N = 135 Bandwidth = 169.6

Kidney-RCC.SBS2.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 217  
size = 0.62

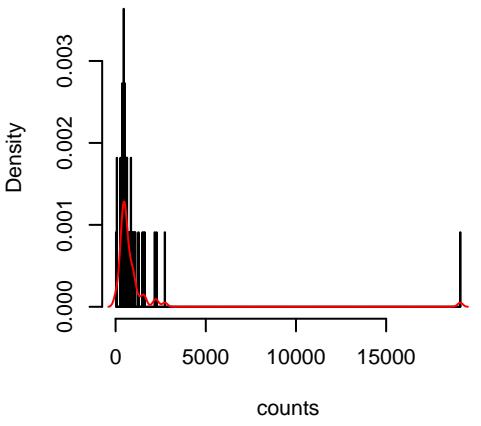


Kidney-RCC.SBS2.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 217  
size = 0.62

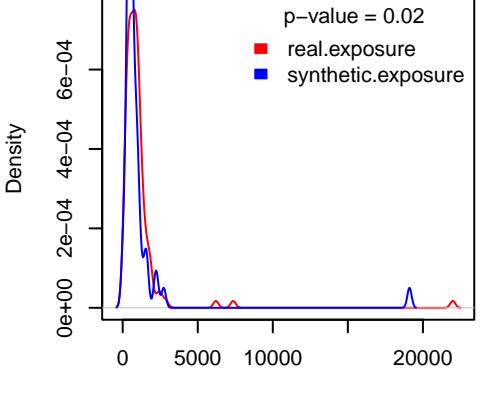


Two-sample Kolmogorov-Smirnov test

Kidney-RCC.SBS5.synthetic.exposure  
N = 55 prob = 0.9167  
mu = 1055.55  
size = 1

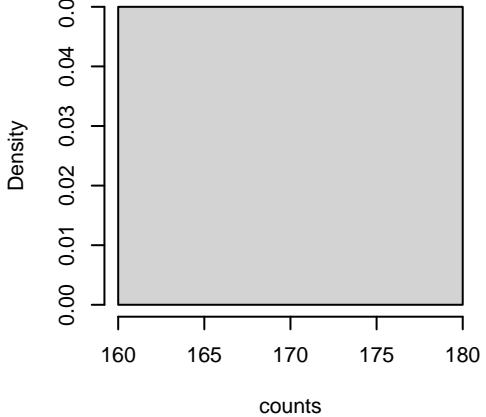


Kidney-RCC.SBS5.synthetic.exposure  
N = 55 prob = 0.9167  
mu = 1055.55  
size = 1

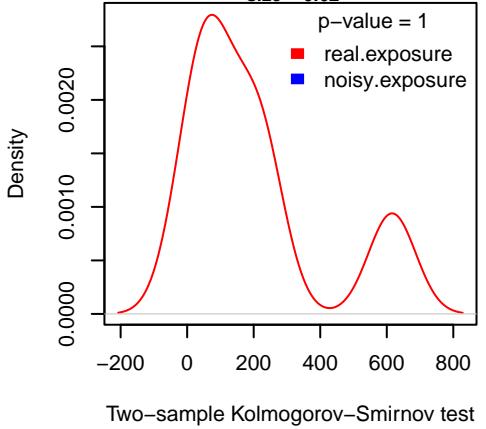


p-value = 0.02  
■ real.exposure  
■ synthetic.exposure

Kidney-RCC.SBS2.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 179  
size = 0.62

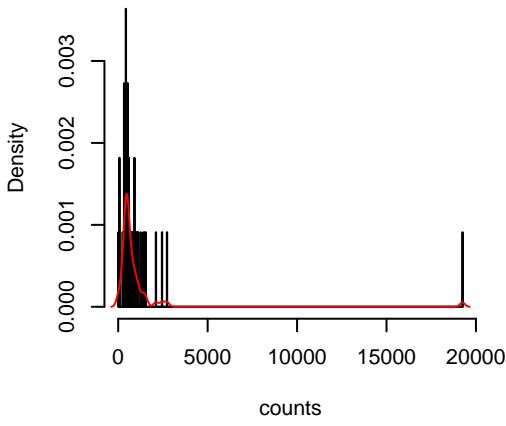


Kidney-RCC.SBS2.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 179  
size = 0.62

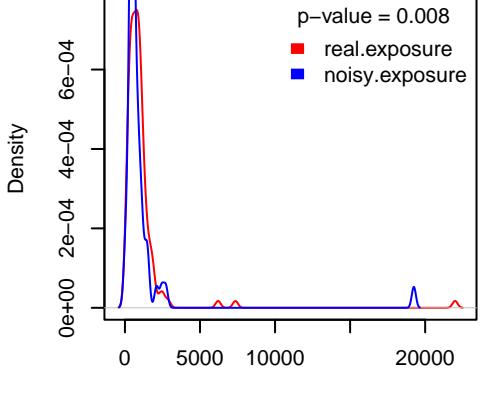


Two-sample Kolmogorov-Smirnov test

Kidney-RCC.SBS5.noisy.exposure  
N = 55 prob = 0.9167  
neg.binom.size = 30  
mu = 1046.1  
size = 0.98



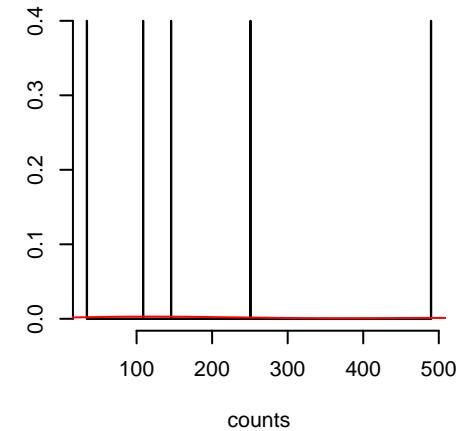
Kidney-RCC.SBS5.noisy.exposure  
N = 55 prob = 0.9167  
neg.binom.size = 30  
mu = 1046.1  
size = 0.98



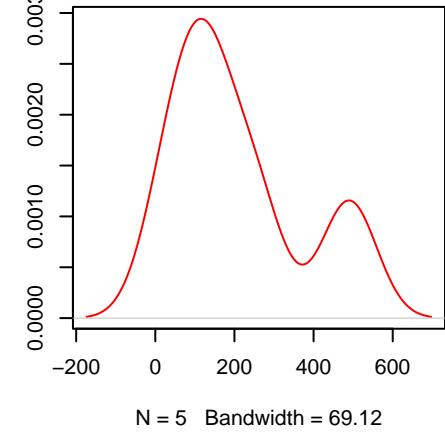
p-value = 0.008  
■ real.exposure  
■ noisy.exposure

Two-sample Kolmogorov-Smirnov test

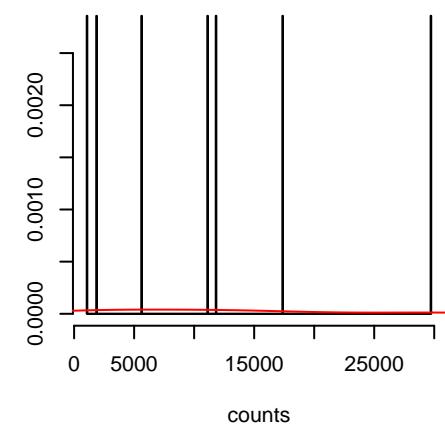
Kidney-RCC.SBS13.real.exposure  
 N = 5 prob = 0.0347  
 mu = 206  
 size = 1.62



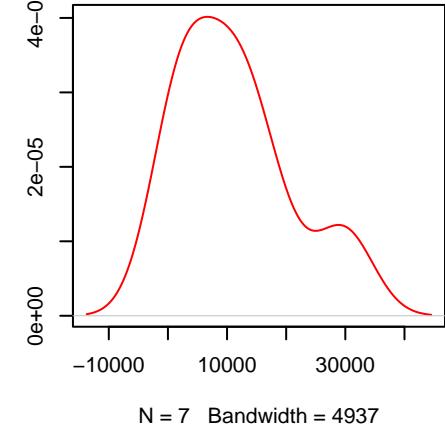
Kidney-RCC.SBS13.real.exposure  
 N = 5 prob = 0.0347  
 mu = 206  
 size = 1.62



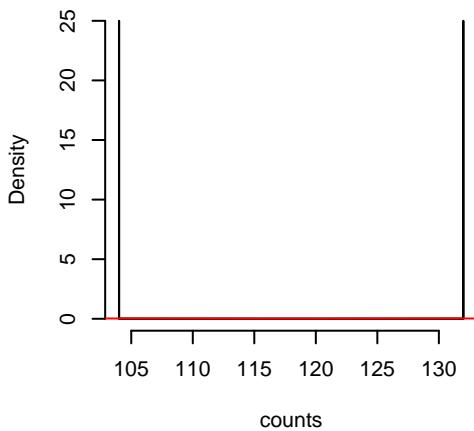
Kidney-RCC.SBS22.real.exposure  
 N = 7 prob = 0.0486  
 mu = 11224.53  
 size = 1.18



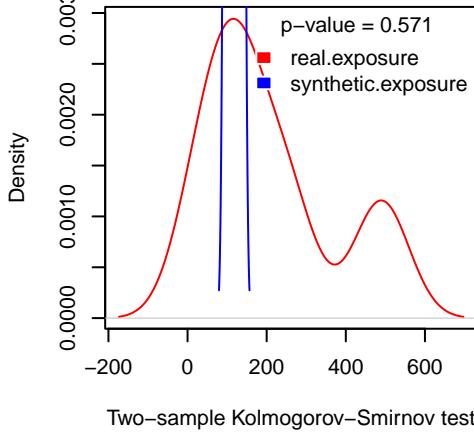
Kidney-RCC.SBS22.real.exposure  
 N = 7 prob = 0.0486  
 mu = 11224.53  
 size = 1.18



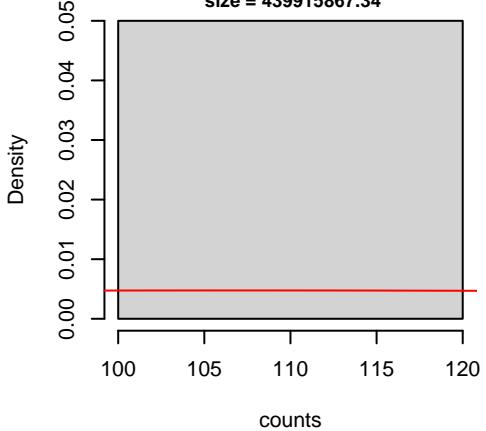
Kidney-RCC.SBS13.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 118  
 size = 177.21



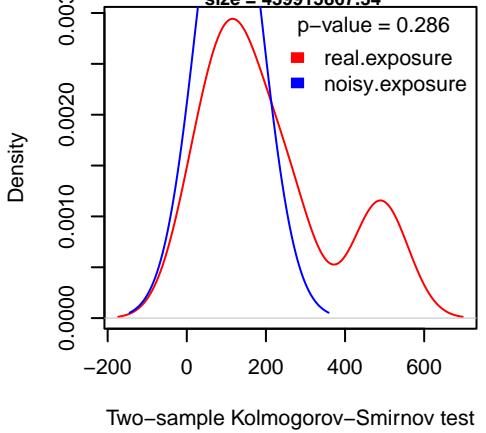
Kidney-RCC.SBS13.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 118  
 size = 177.21



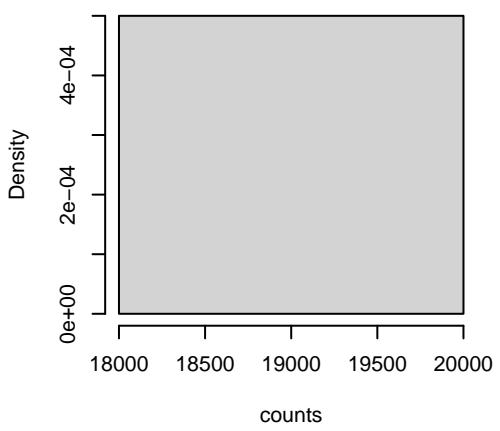
Kidney-RCC.SBS13.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 107  
 size = 439915867.34



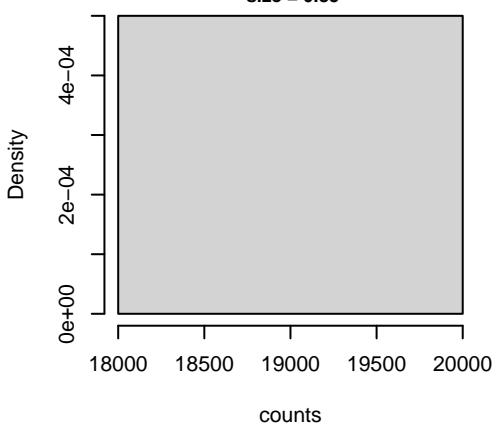
Kidney-RCC.SBS13.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 107  
 size = 439915867.34



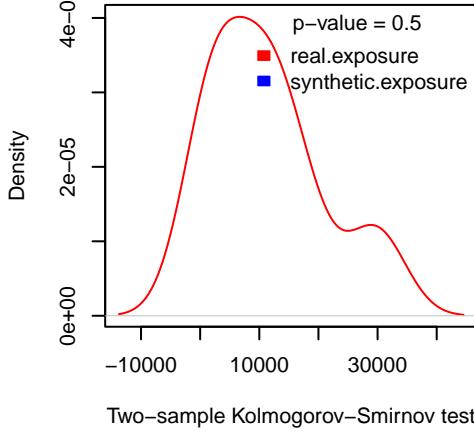
Kidney-RCC.SBS22.synthetic.exposure  
 N = 1 prob = 0.0167  
 mu = 19319  
 size = 0.85



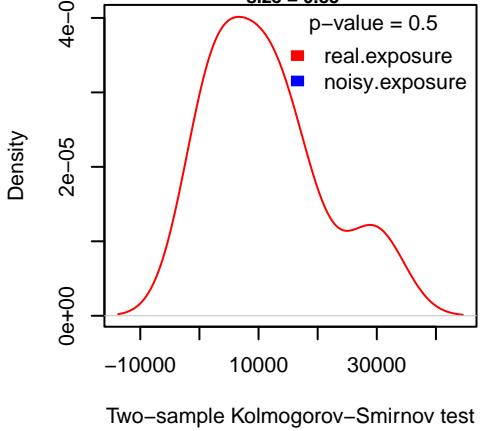
Kidney-RCC.SBS22.noisy.exposure  
 N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 19520  
 size = 0.85



Kidney-RCC.SBS22.synthetic.exposure  
 N = 1 prob = 0.0167  
 mu = 19319  
 size = 0.85



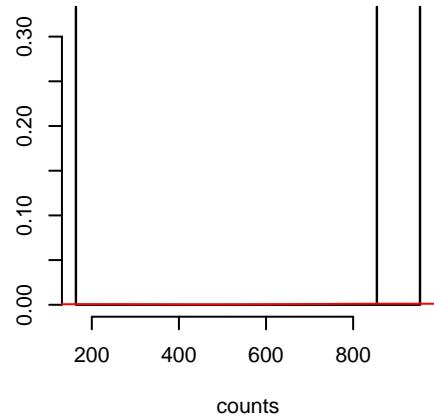
Kidney-RCC.SBS22.noisy.exposure  
 N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 19520  
 size = 0.85



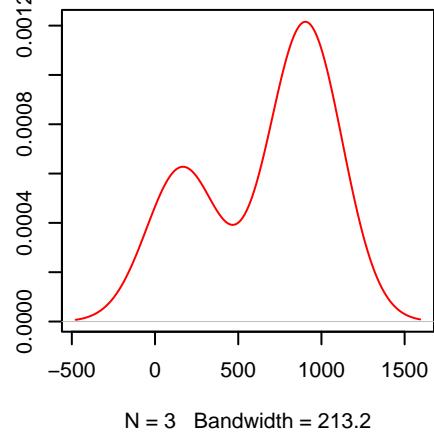
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

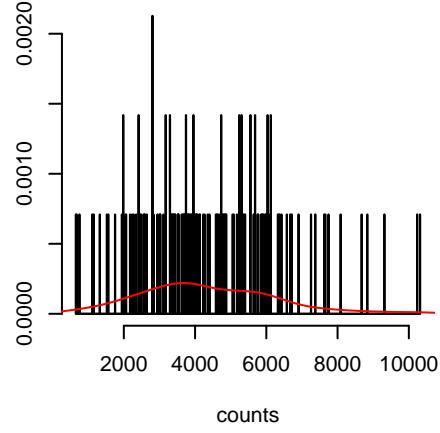
Kidney-RCC.SBS29.real.exposure  
 N = 3 prob = 0.0208  
 mu = 657.26  
 size = 2.14



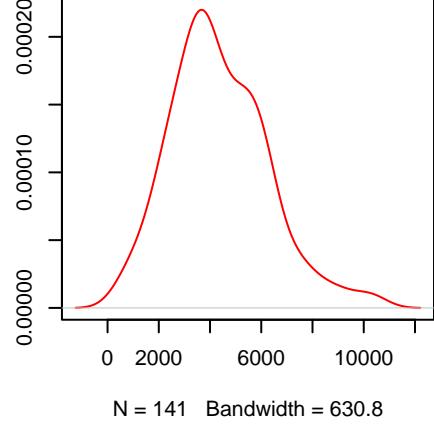
Kidney-RCC.SBS29.real.exposure  
 N = 3 prob = 0.0208  
 mu = 657.26  
 size = 2.14



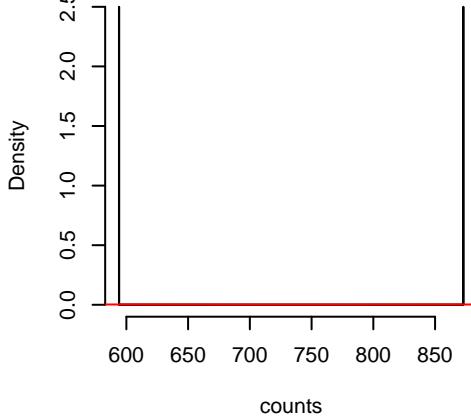
Kidney-RCC.SBS40.real.exposure  
 N = 141 prob = 0.9792  
 mu = 4358.02  
 size = 4.8



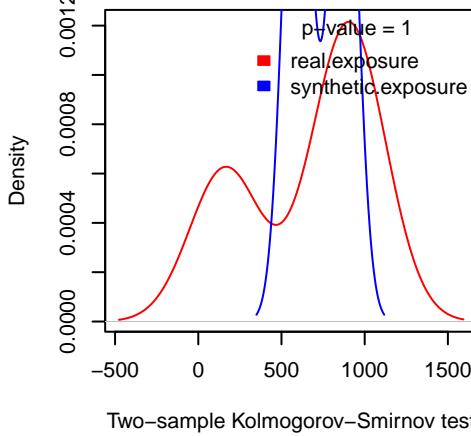
Kidney-RCC.SBS40.real.exposure  
 N = 141 prob = 0.9792  
 mu = 4358.02  
 size = 4.8



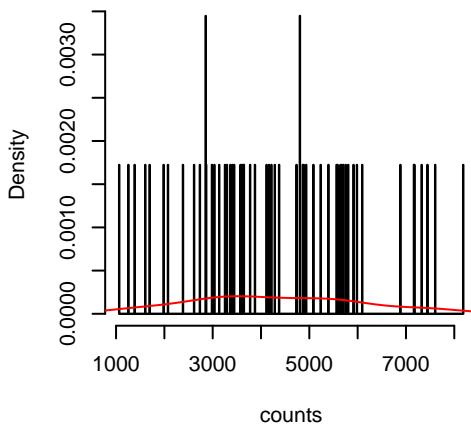
Kidney-RCC.SBS29.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 733.52  
 size = 28.37



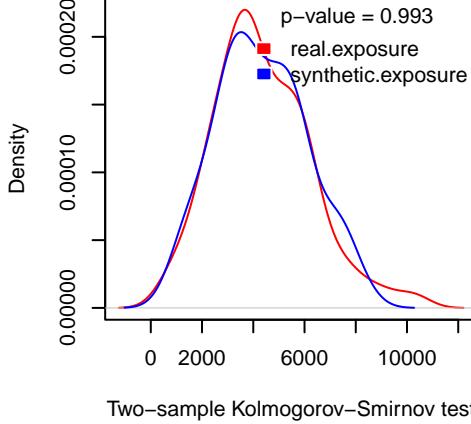
Kidney-RCC.SBS29.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 733.52  
 size = 28.37



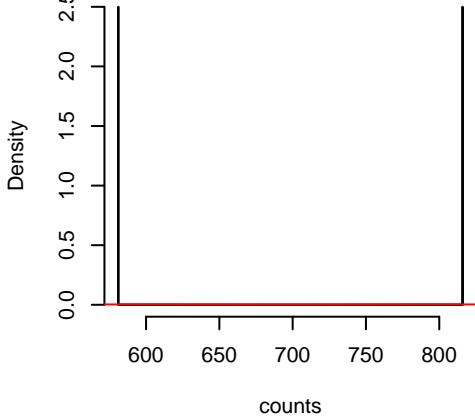
Kidney-RCC.SBS40.synthetic.exposure  
 N = 58 prob = 0.9667  
 mu = 4325.31  
 size = 5.42



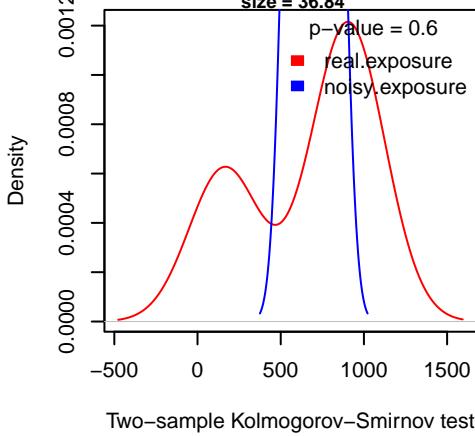
Kidney-RCC.SBS40.synthetic.exposure  
 N = 58 prob = 0.9667  
 mu = 4325.31  
 size = 5.42



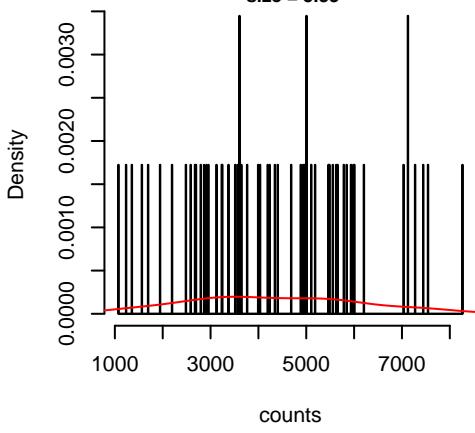
Kidney-RCC.SBS29.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 698.51  
 size = 36.84



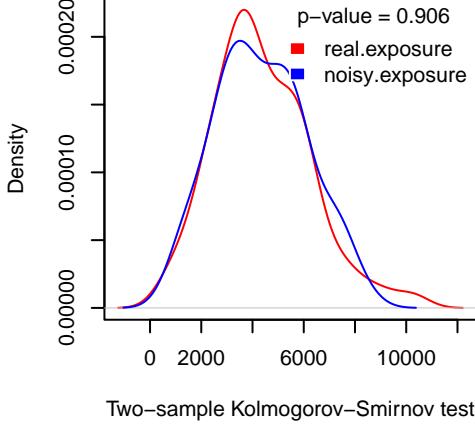
Kidney-RCC.SBS29.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 698.51  
 size = 36.84



Kidney-RCC.SBS40.noisy.exposure  
 N = 58 prob = 0.9667  
 neg.binom.size = 30  
 mu = 4338.43  
 size = 5.33



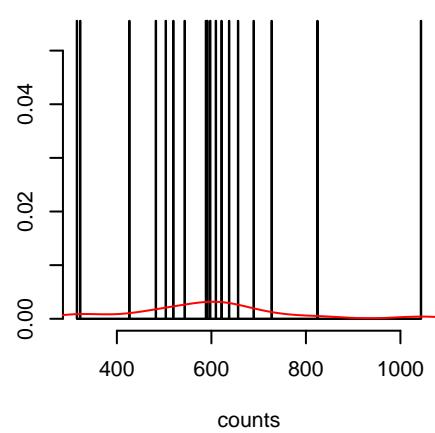
Kidney-RCC.SBS40.noisy.exposure  
 N = 58 prob = 0.9667  
 neg.binom.size = 30  
 mu = 4338.43  
 size = 5.33



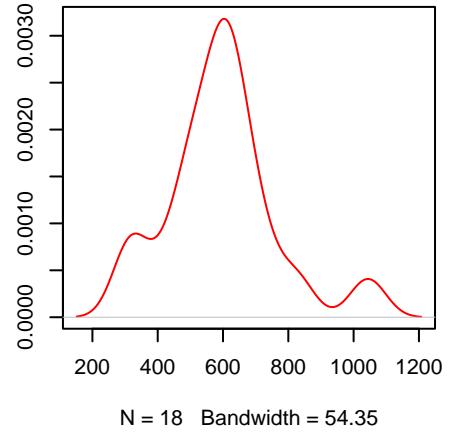
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

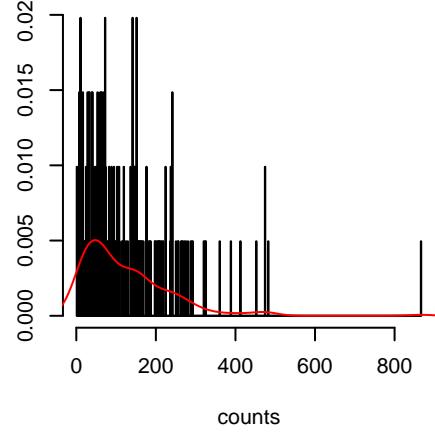
**Kidney-RCC.SBS41.real.exposure**  
 $N = 18$  prob = 0.125  
 $\mu = 594.97$   
 $\text{size} = 13.17$



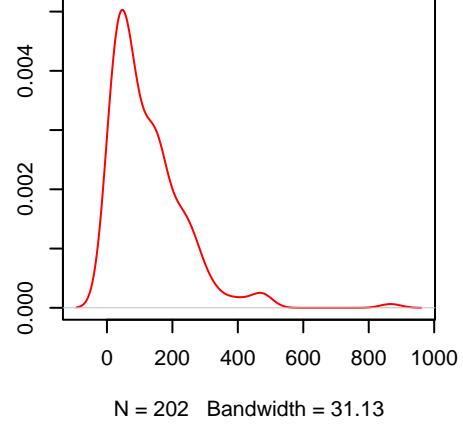
**Kidney-RCC.SBS41.real.exposure**  
 $N = 18$  prob = 0.125  
 $\mu = 594.97$   
 $\text{size} = 13.17$



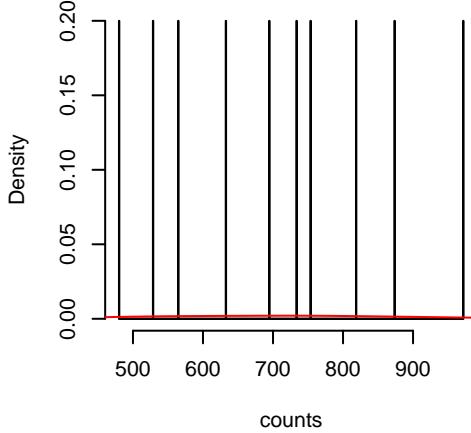
**Liver-HCC.SBS1.real.exposure**  
 $N = 202$  prob = 0.6474  
 $\mu = 124.51$   
 $\text{size} = 1.25$



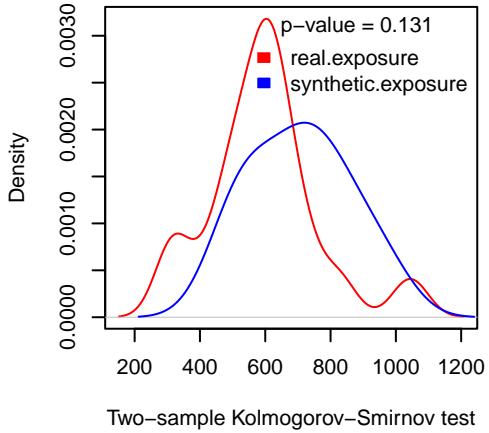
**Liver-HCC.SBS1.real.exposure**  
 $N = 202$  prob = 0.6474  
 $\mu = 124.51$   
 $\text{size} = 1.25$



**Kidney-RCC.SBS41.synthetic.exposure**  
 $N = 10$  prob = 0.1667  
 $\mu = 705.5$   
 $\text{size} = 22.76$

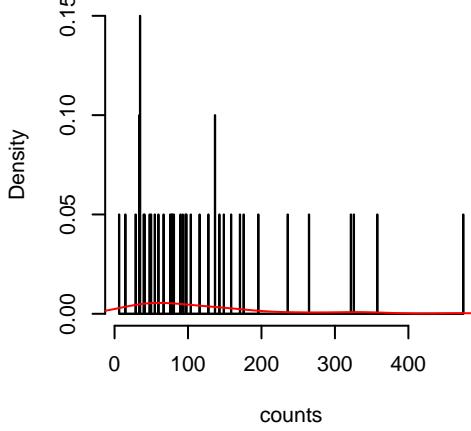


**Kidney-RCC.SBS41.synthetic.exposure**  
 $N = 10$  prob = 0.1667  
 $\mu = 705.5$   
 $\text{size} = 22.76$

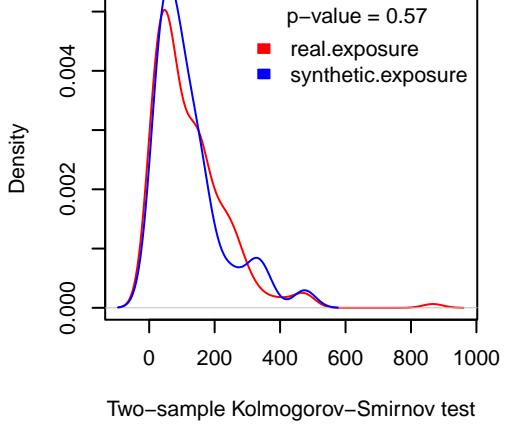


Two-sample Kolmogorov-Smirnov test

**Liver-HCC.SBS1.synthetic.exposure**  
 $N = 40$  prob = 0.6667  
 $\mu = 121.85$   
 $\text{size} = 1.6$

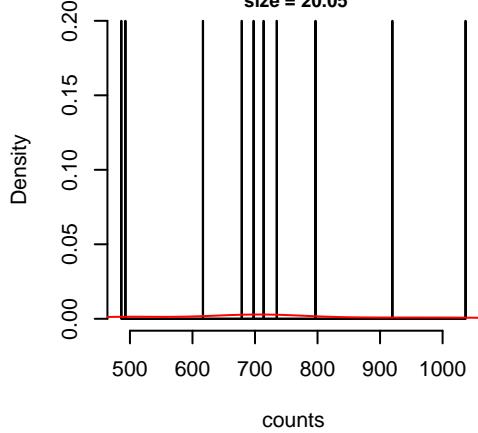


**Liver-HCC.SBS1.synthetic.exposure**  
 $N = 40$  prob = 0.6667  
 $\mu = 121.85$   
 $\text{size} = 1.6$

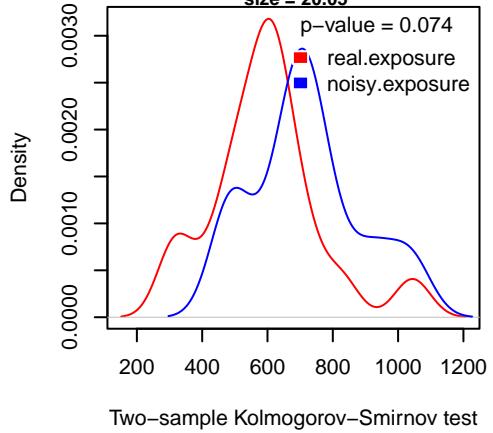


Two-sample Kolmogorov-Smirnov test

**Kidney-RCC.SBS41.noisy.exposure**  
 $N = 10$  prob = 0.1667  
 $\text{neg.binom.size} = 30$   
 $\mu = 717.63$   
 $\text{size} = 20.05$

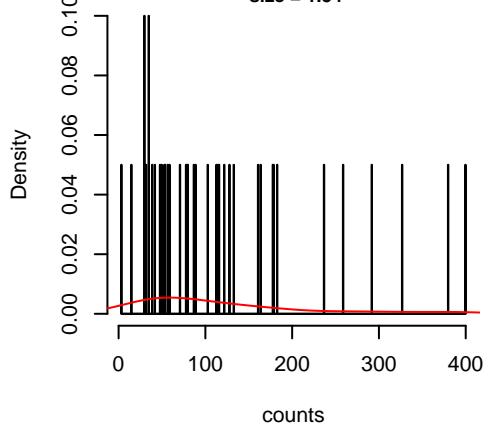


**Kidney-RCC.SBS41.noisy.exposure**  
 $N = 10$  prob = 0.1667  
 $\text{neg.binom.size} = 30$   
 $\mu = 717.63$   
 $\text{size} = 20.05$

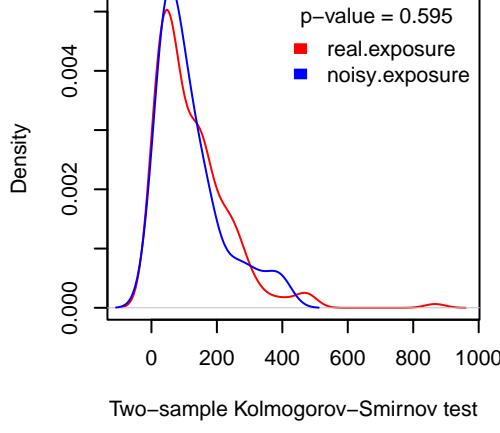


Two-sample Kolmogorov-Smirnov test

**Liver-HCC.SBS1.noisy.exposure**  
 $N = 40$  prob = 0.6667  
 $\text{neg.binom.size} = 30$   
 $\mu = 117.16$   
 $\text{size} = 1.54$

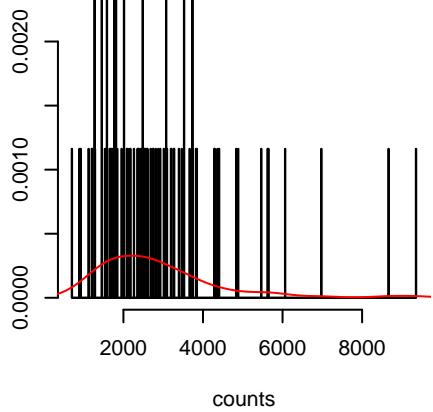


**Liver-HCC.SBS1.noisy.exposure**  
 $N = 40$  prob = 0.6667  
 $\text{neg.binom.size} = 30$   
 $\mu = 117.16$   
 $\text{size} = 1.54$

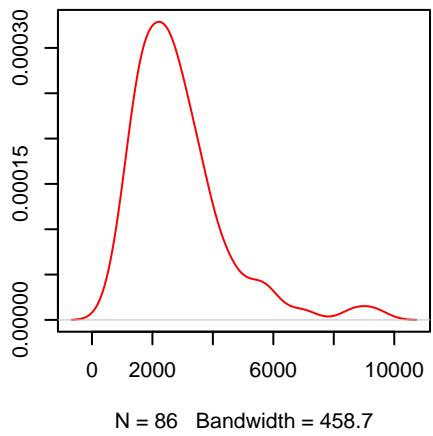


Two-sample Kolmogorov-Smirnov test

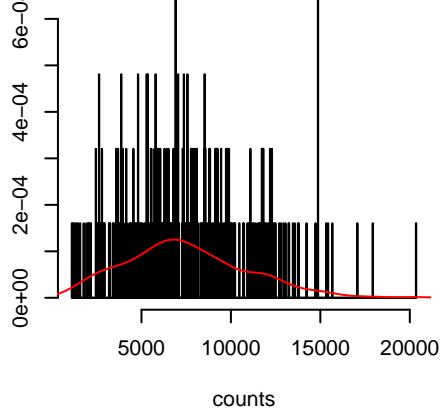
Liver-HCC.SBS4.real.exposure  
 N = 86 prob = 0.2756  
 mu = 2862.64  
 size = 4.17



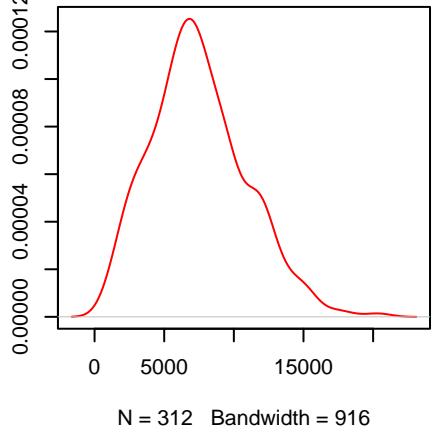
Liver-HCC.SBS4.real.exposure  
 N = 86 prob = 0.2756  
 mu = 2862.64  
 size = 4.17



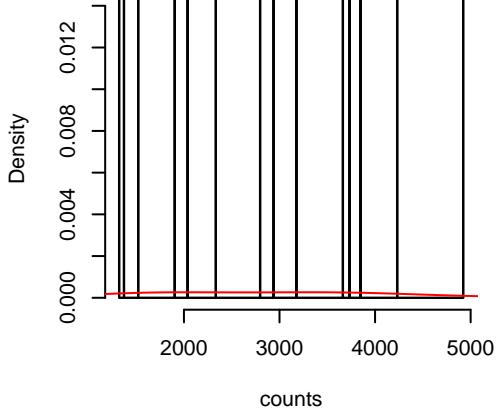
Liver-HCC.SBS5.real.exposure  
 N = 312 prob = 1  
 mu = 7483.9  
 size = 4.26



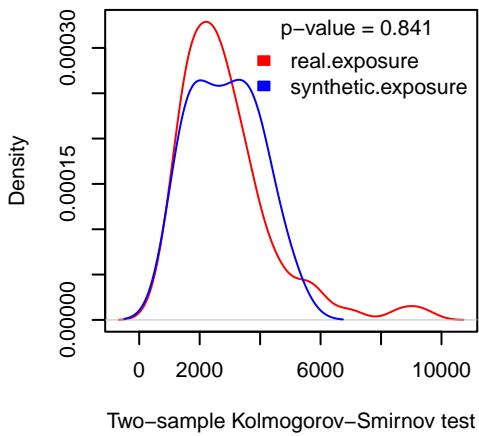
Liver-HCC.SBS5.real.exposure  
 N = 312 prob = 1  
 mu = 7483.9  
 size = 4.26



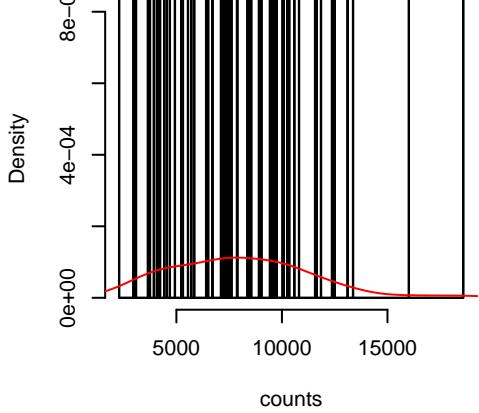
Liver-HCC.SBS4.synthetic.exposure  
 N = 14 prob = 0.2333  
 mu = 2843.66  
 size = 6.27



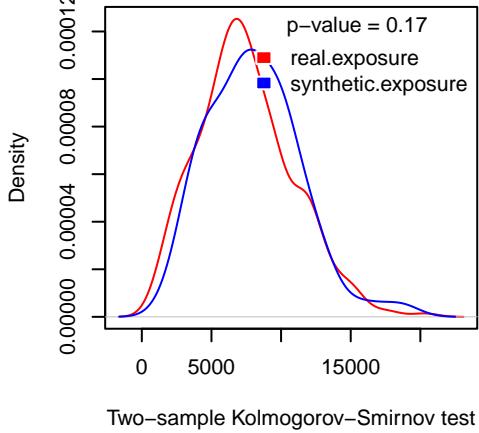
Liver-HCC.SBS4.synthetic.exposure  
 N = 14 prob = 0.2333  
 mu = 2843.66  
 size = 6.27



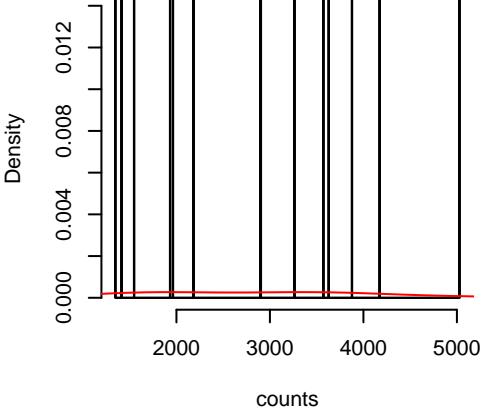
Liver-HCC.SBS5.synthetic.exposure  
 N = 60 prob = 1  
 mu = 8030.71  
 size = 5.85



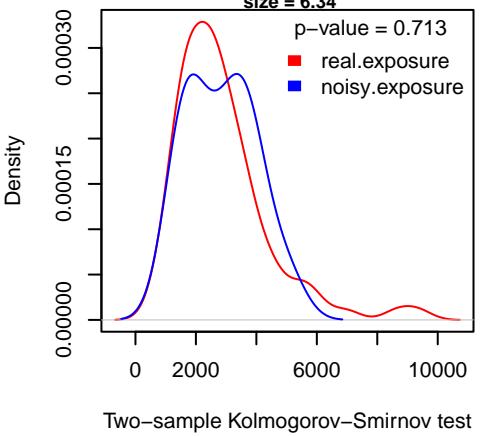
Liver-HCC.SBS5.synthetic.exposure  
 N = 60 prob = 1  
 mu = 8030.71  
 size = 5.85



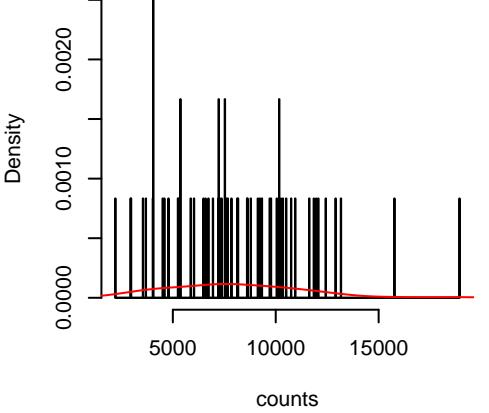
Liver-HCC.SBS4.noisy.exposure  
 N = 14 prob = 0.2333  
 neg.binom.size = 30  
 mu = 2836.93  
 size = 6.34



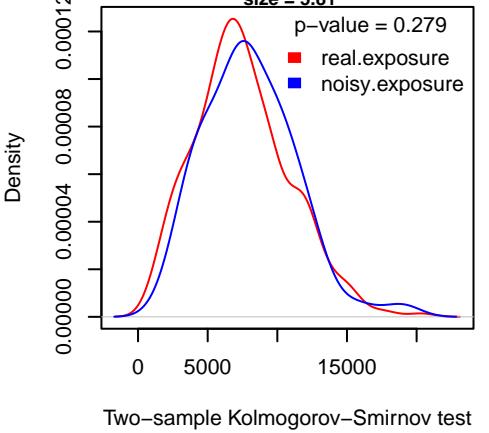
Liver-HCC.SBS4.noisy.exposure  
 N = 14 prob = 0.2333  
 neg.binom.size = 30  
 mu = 2836.93  
 size = 6.34



Liver-HCC.SBS5.noisy.exposure  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 8009.66  
 size = 5.81

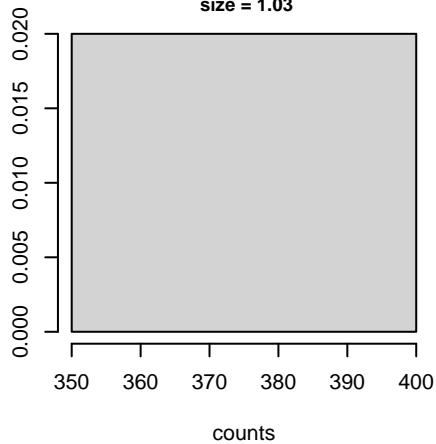


Liver-HCC.SBS5.noisy.exposure  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 8009.66  
 size = 5.81



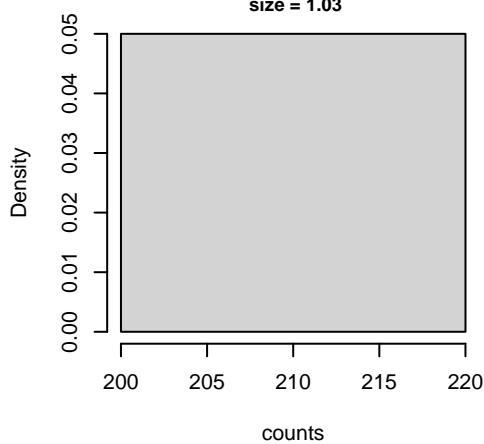
Liver-HCC.SBS6.real.exposure

N = 1 prob = 0.0032  
 mu = 352  
 size = 1.03



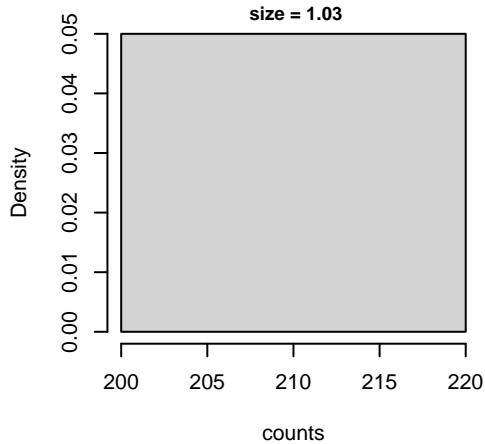
Liver-HCC.SBS6.synthetic.exposure

N = 1 prob = 0.0167  
 mu = 206  
 size = 1.03



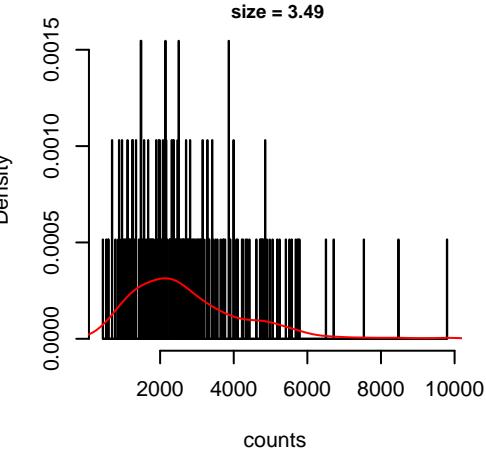
Liver-HCC.SBS6.noisy.exposure

N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 210  
 size = 1.03



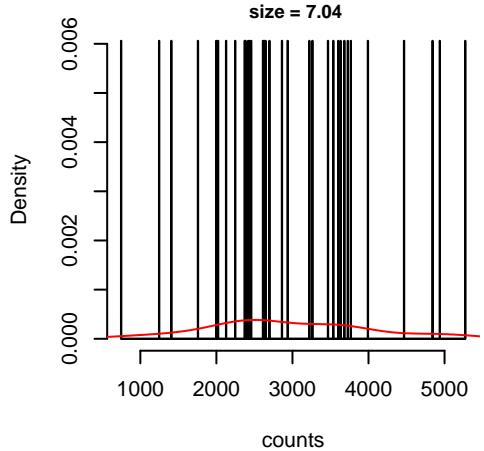
Liver-HCC.SBS12.real.exposure

N = 194 prob = 0.6218  
 mu = 2734.99  
 size = 3.49



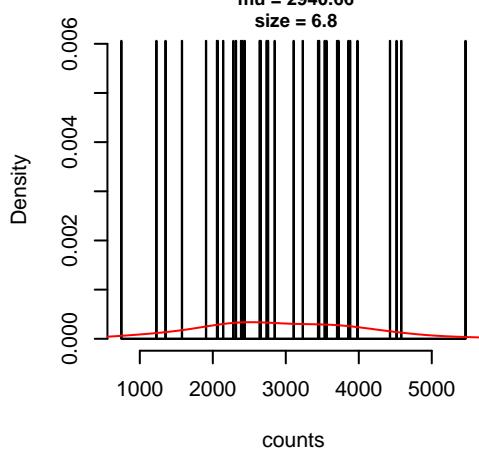
Liver-HCC.SBS12.synthetic.exposure

N = 33 prob = 0.55  
 mu = 2952.53  
 size = 7.04



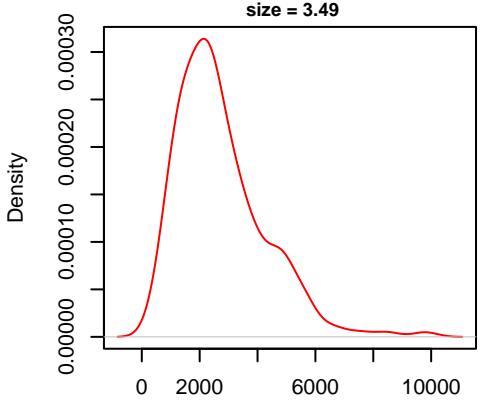
Liver-HCC.SBS12.noisy.exposure

N = 33 prob = 0.55  
 neg.binom.size = 30  
 mu = 2940.66  
 size = 6.8



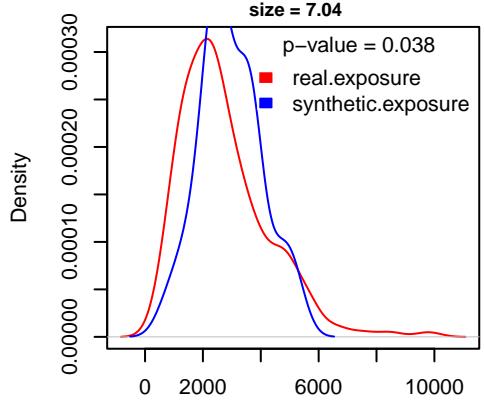
Liver-HCC.SBS12.real.exposure

N = 194 prob = 0.6218  
 mu = 2734.99  
 size = 3.49



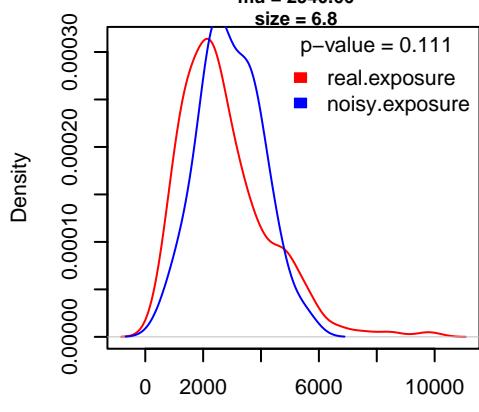
Liver-HCC.SBS12.synthetic.exposure

N = 33 prob = 0.55  
 mu = 2952.53  
 size = 7.04



Liver-HCC.SBS12.noisy.exposure

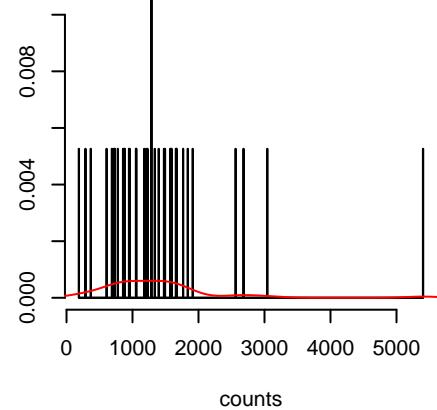
N = 33 prob = 0.55  
 neg.binom.size = 30  
 mu = 2940.66  
 size = 6.8



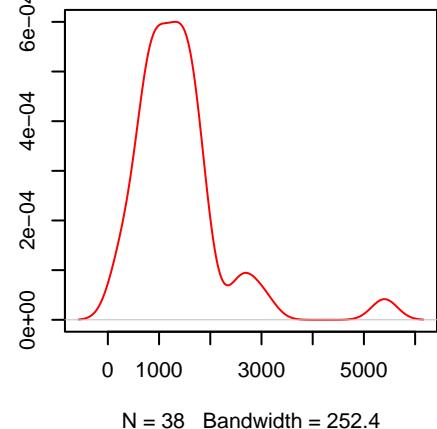
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

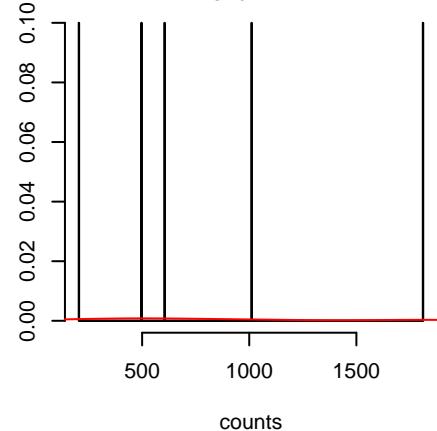
Liver-HCC.SBS16.real.exposure  
 N = 38 prob = 0.1218  
 mu = 1383.75  
 size = 2.96



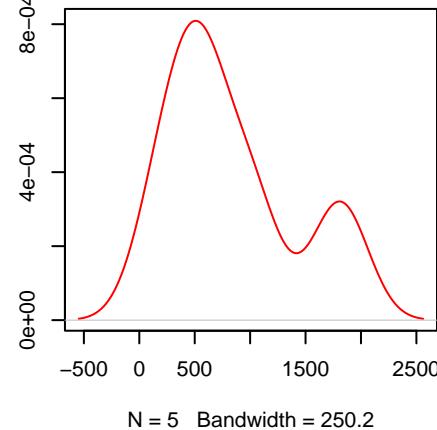
Liver-HCC.SBS16.real.exposure  
 N = 38 prob = 0.1218  
 mu = 1383.75  
 size = 2.96



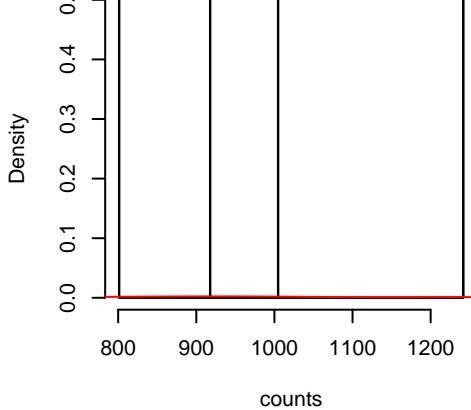
Liver-HCC.SBS17b.real.exposure  
 N = 5 prob = 0.016  
 mu = 826.04  
 size = 2.2



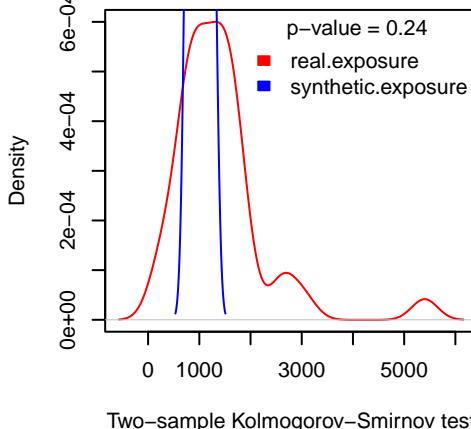
Liver-HCC.SBS17b.real.exposure  
 N = 5 prob = 0.016  
 mu = 826.04  
 size = 2.2



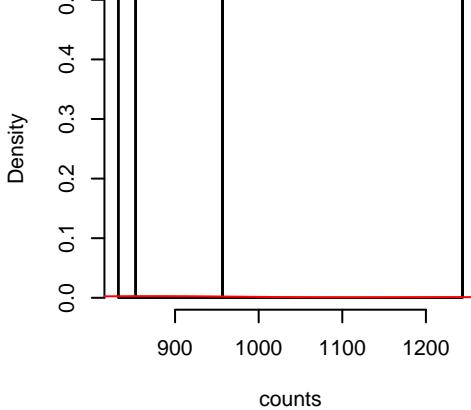
Liver-HCC.SBS16.synthetic.exposure  
 N = 4 prob = 0.0667  
 mu = 991.5  
 size = 40.46



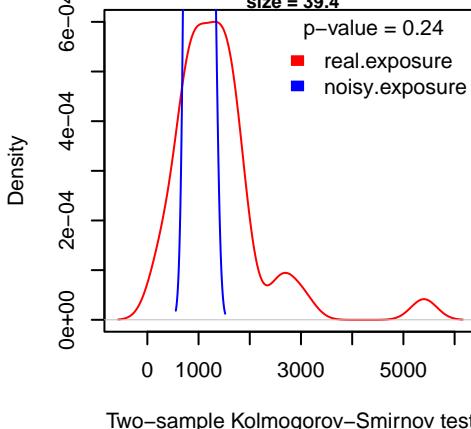
Liver-HCC.SBS16.synthetic.exposure  
 N = 4 prob = 0.0667  
 mu = 991.5  
 size = 40.46



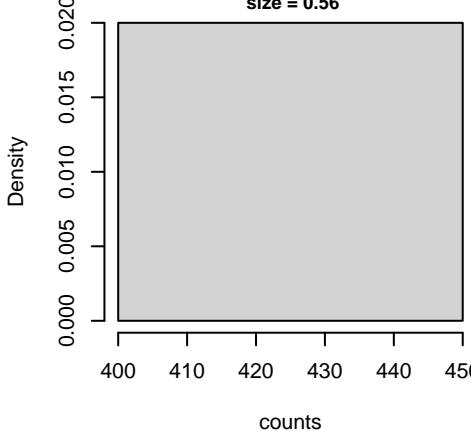
Liver-HCC.SBS16.noisy.exposure  
 N = 4 prob = 0.0667  
 neg.binom.size = 30  
 mu = 971.46  
 size = 39.4



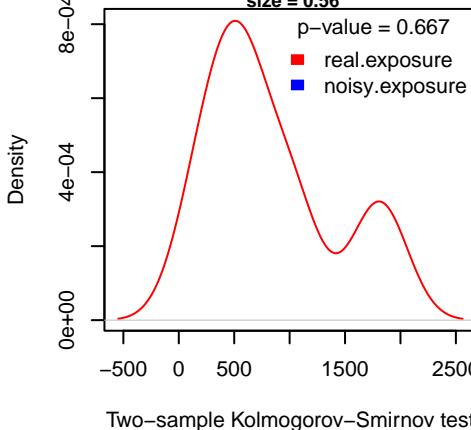
Liver-HCC.SBS16.noisy.exposure  
 N = 4 prob = 0.0667  
 neg.binom.size = 30  
 mu = 971.46  
 size = 39.4



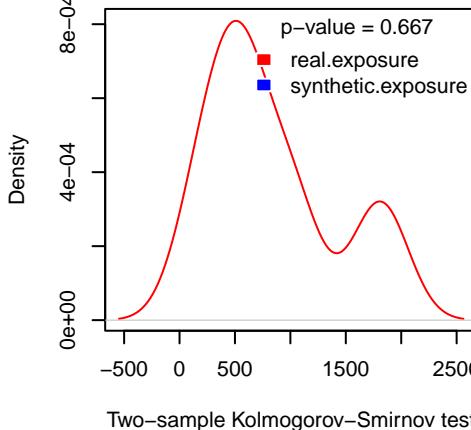
Liver-HCC.SBS17b.noisy.exposure  
 N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 433  
 size = 0.56



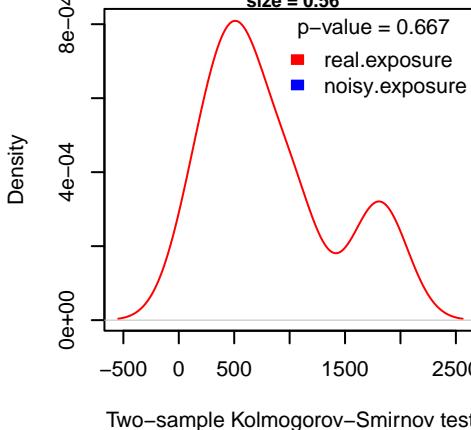
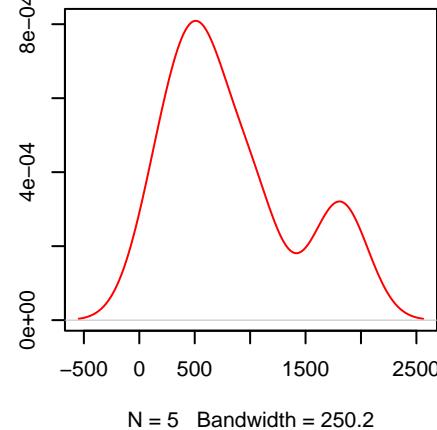
Liver-HCC.SBS17b.noisy.exposure  
 N = 1 prob = 0.0167  
 neg.binom.size = 30  
 mu = 433  
 size = 0.56



Liver-HCC.SBS17b.synthetic.exposure  
 N = 1 prob = 0.0167  
 mu = 492  
 size = 0.56



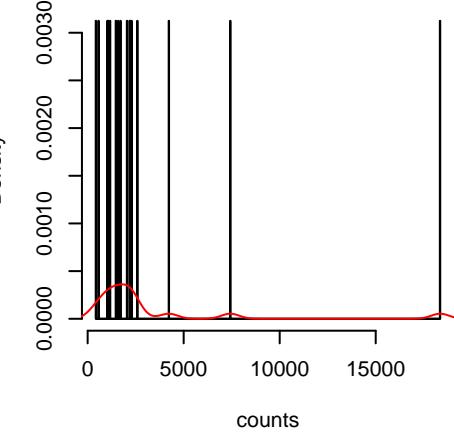
Liver-HCC.SBS17b.real.exposure  
 N = 5 prob = 0.016  
 mu = 826.04  
 size = 2.2



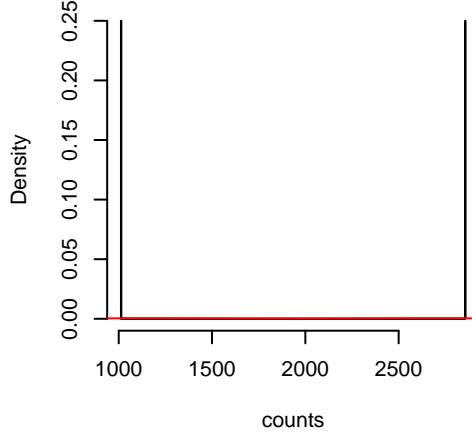
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

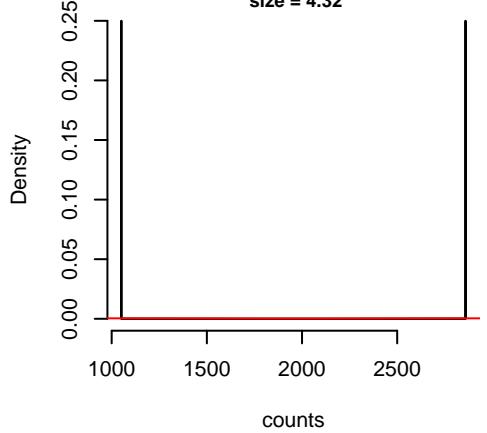
Liver-HCC.SBS22.real.exposure  
N = 16 prob = 0.0513  
mu = 3147.3  
size = 1.18



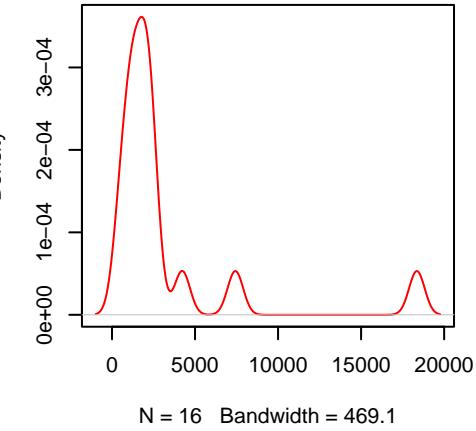
Liver-HCC.SBS22.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 1935.12  
size = 4.04



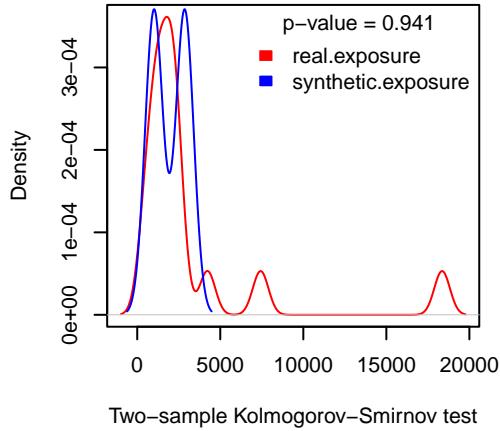
Liver-HCC.SBS22.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 1954.36  
size = 4.32



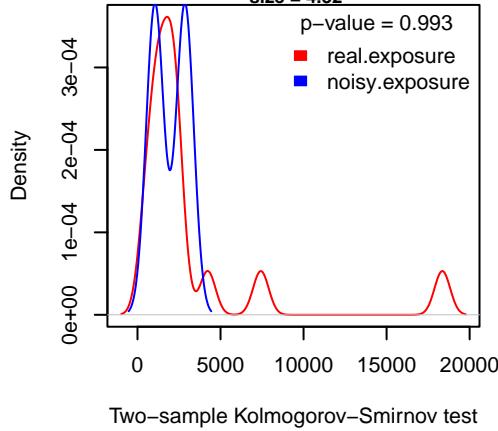
Liver-HCC.SBS22.real.exposure  
N = 16 prob = 0.0513  
mu = 3147.3  
size = 1.18



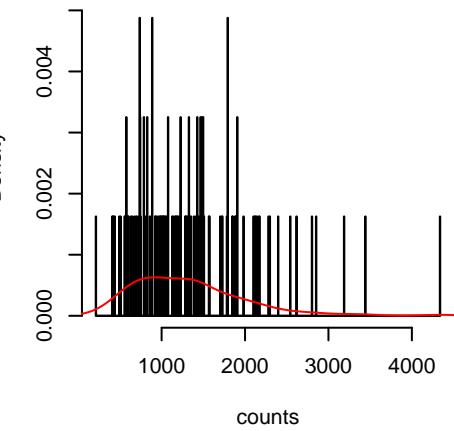
Liver-HCC.SBS22.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 1935.12  
size = 4.04



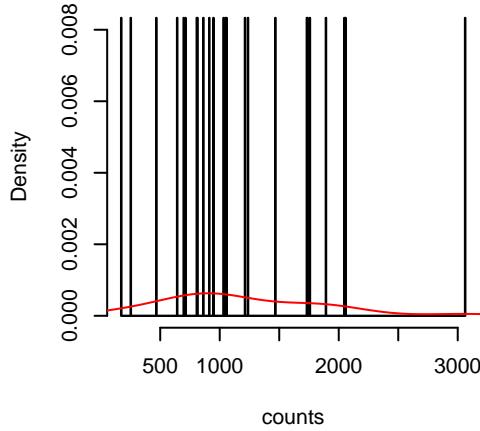
Liver-HCC.SBS22.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 1954.36  
size = 4.32



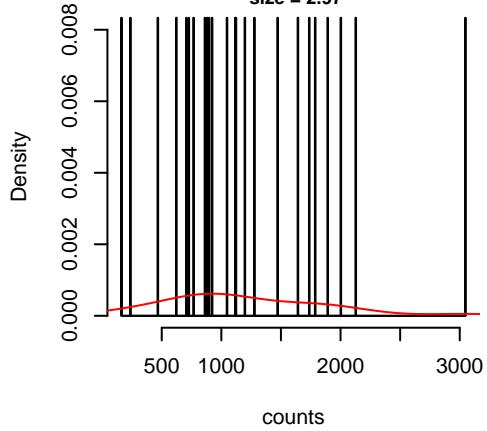
Liver-HCC.SBS29.real.exposure  
N = 123 prob = 0.3942  
mu = 1319.57  
size = 4.21



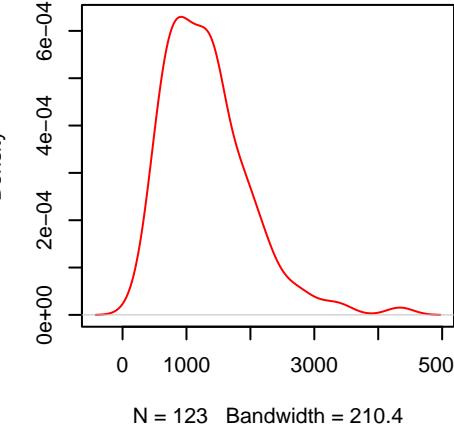
Liver-HCC.SBS29.synthetic.exposure  
N = 24 prob = 0.4  
mu = 1193.15  
size = 3.02



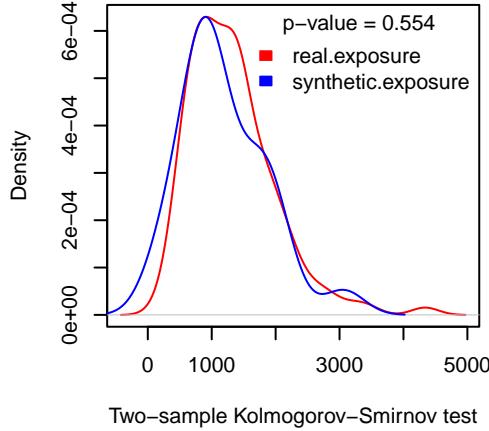
Liver-HCC.SBS29.noisy.exposure  
N = 24 prob = 0.4  
neg.binom.size = 30  
mu = 1197.18  
size = 2.97



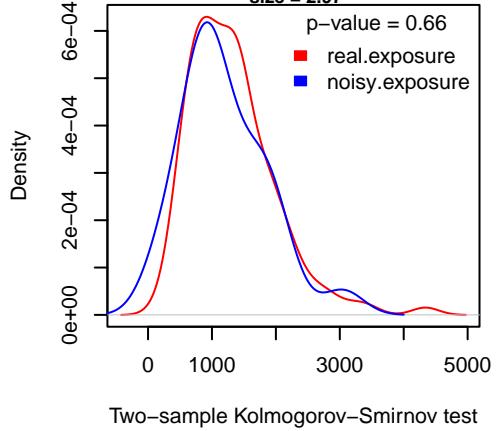
Liver-HCC.SBS29.real.exposure  
N = 123 prob = 0.3942  
mu = 1319.57  
size = 4.21



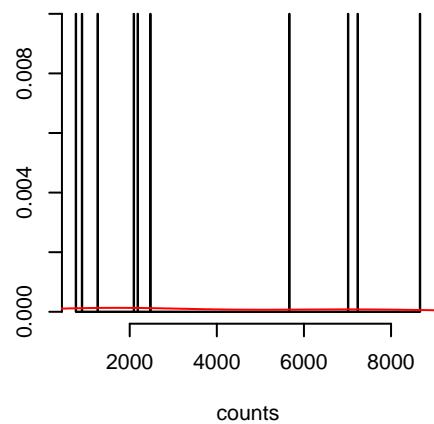
Liver-HCC.SBS29.synthetic.exposure  
N = 24 prob = 0.4  
mu = 1193.15  
size = 3.02



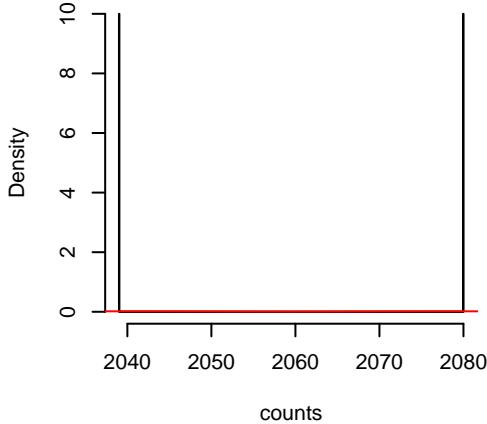
Liver-HCC.SBS29.noisy.exposure  
N = 24 prob = 0.4  
neg.binom.size = 30  
mu = 1197.18  
size = 2.97



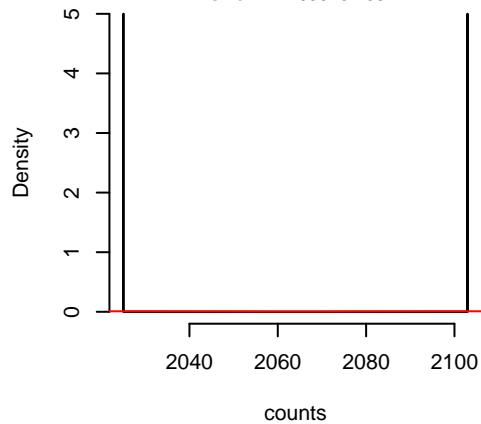
Liver-HCC.SBS35.real.exposure  
 N = 10 prob = 0.0321  
 mu = 3827.2  
 size = 1.66



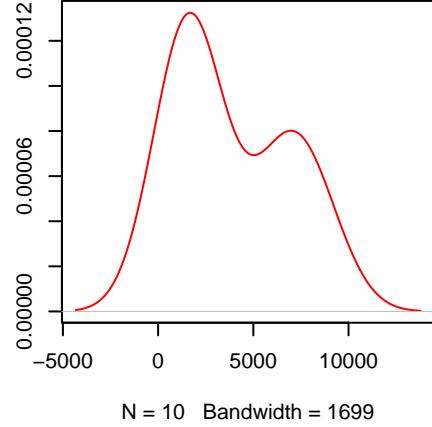
Liver-HCC.SBS35.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 2059.52  
 size = 592045381.38



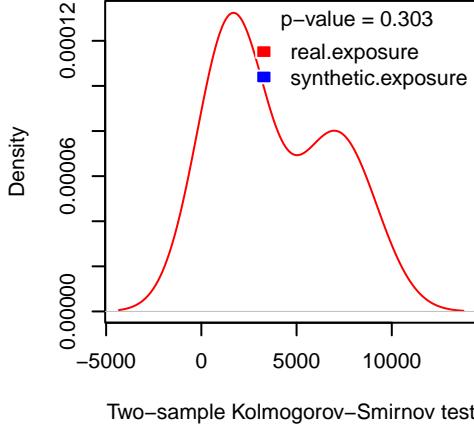
Liver-HCC.SBS35.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 2064.01  
 size = 742630231.39



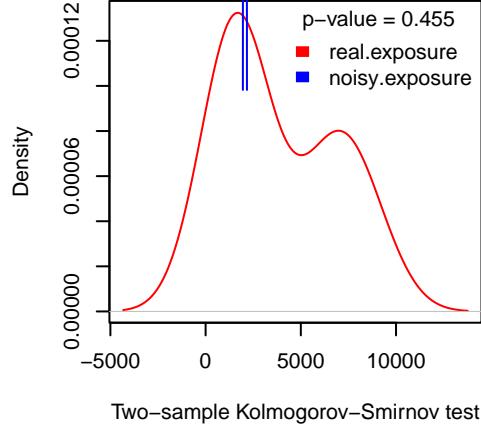
Liver-HCC.SBS35.real.exposure  
 N = 10 prob = 0.0321  
 mu = 3827.2  
 size = 1.66



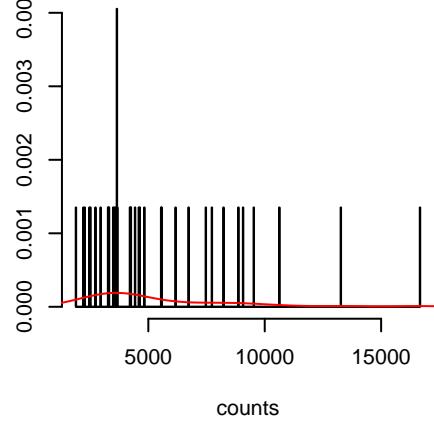
Liver-HCC.SBS35.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 2059.52  
 size = 592045381.38



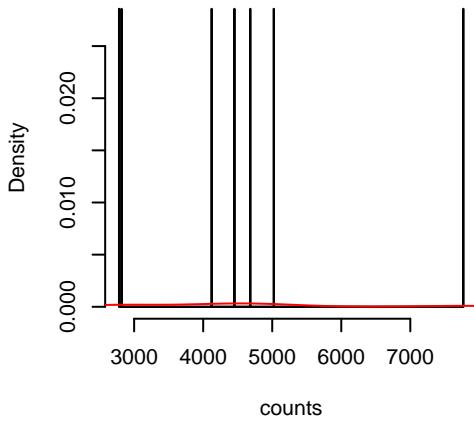
Liver-HCC.SBS35.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 2064.01  
 size = 742630231.39



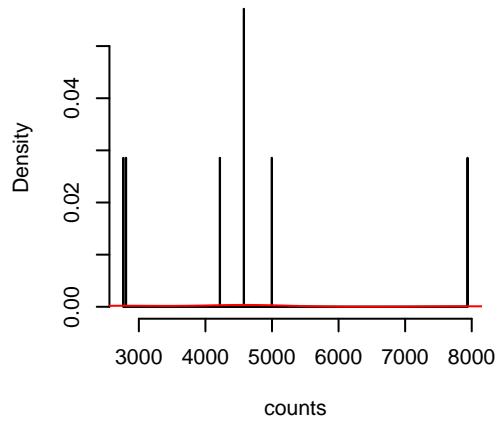
Liver-HCC.SBS40.real.exposure  
 N = 37 prob = 0.1186  
 mu = 5374.05  
 size = 3.63



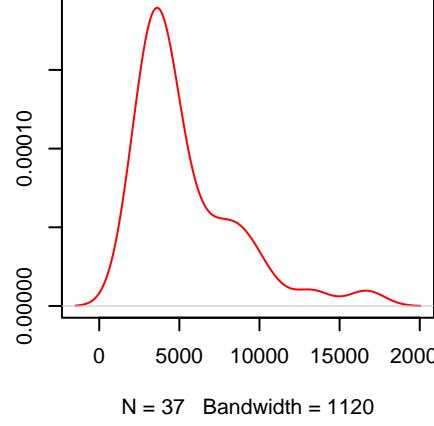
Liver-HCC.SBS40.synthetic.exposure  
 N = 7 prob = 0.1167  
 mu = 4521.88  
 size = 9.31



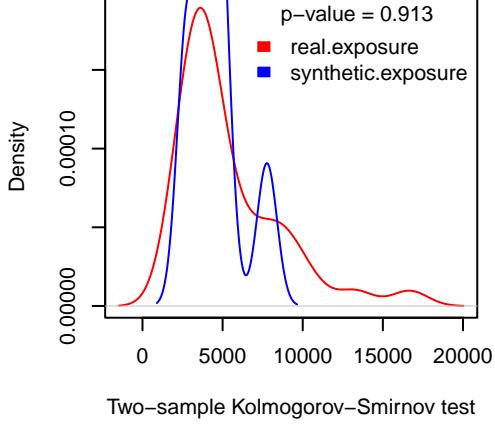
Liver-HCC.SBS40.noisy.exposure  
 N = 7 prob = 0.1167  
 neg.binom.size = 30  
 mu = 4554.4  
 size = 8.9



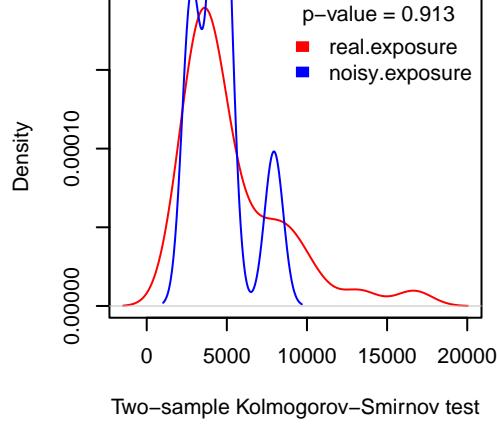
Liver-HCC.SBS40.real.exposure  
 N = 37 prob = 0.1186  
 mu = 5374.05  
 size = 3.63



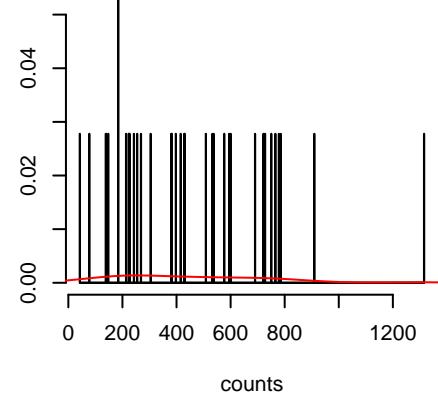
Liver-HCC.SBS40.synthetic.exposure  
 N = 7 prob = 0.1167  
 mu = 4521.88  
 size = 9.31



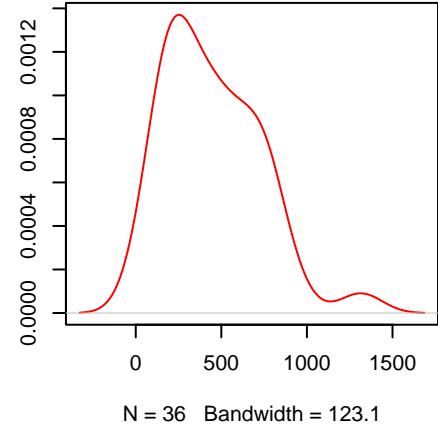
Liver-HCC.SBS40.noisy.exposure  
 N = 7 prob = 0.1167  
 neg.binom.size = 30  
 mu = 4554.4  
 size = 8.9



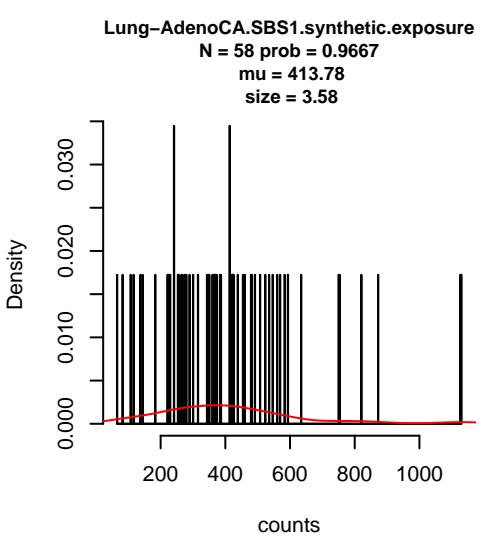
Lung-AdenoCA.SBS1.real.exposure  
 N = 36 prob = 0.9474  
 mu = 447.67  
 size = 2.4



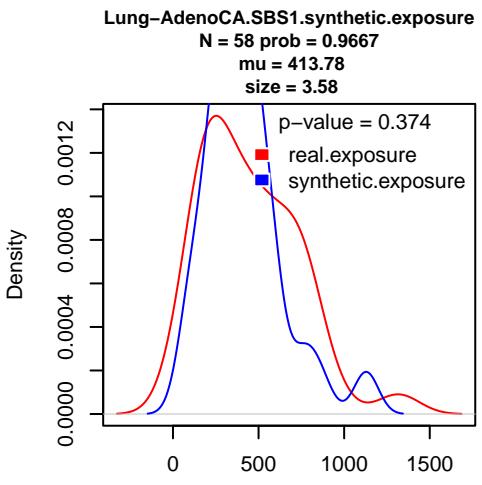
Lung-AdenoCA.SBS1.real.exposure  
 N = 36 prob = 0.9474  
 mu = 447.67  
 size = 2.4



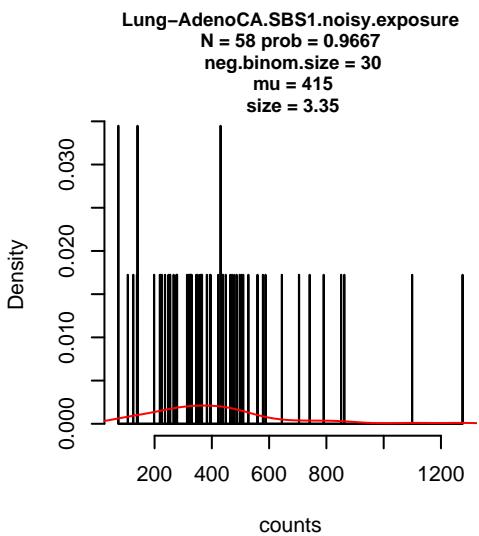
Lung-AdenoCA.SBS1.synthetic.exposure  
 N = 58 prob = 0.9667  
 mu = 413.78  
 size = 3.58



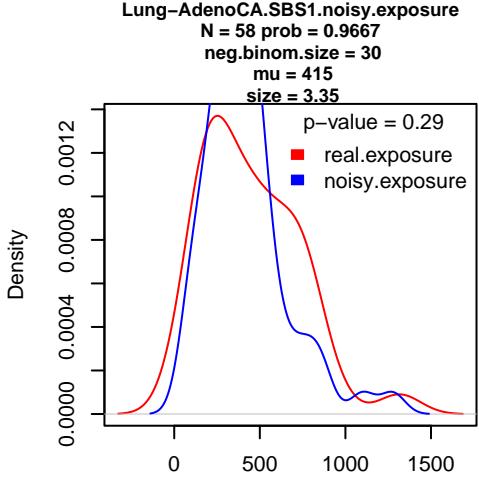
Lung-AdenoCA.SBS1.synthetic.exposure  
 N = 58 prob = 0.9667  
 mu = 413.78  
 size = 3.58



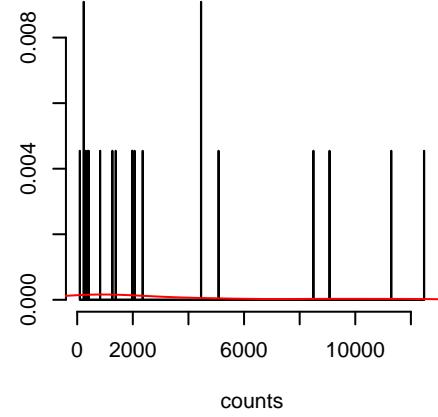
Lung-AdenoCA.SBS1.noisy.exposure  
 N = 58 prob = 0.9667  
 neg.binom.size = 30  
 mu = 415  
 size = 3.35



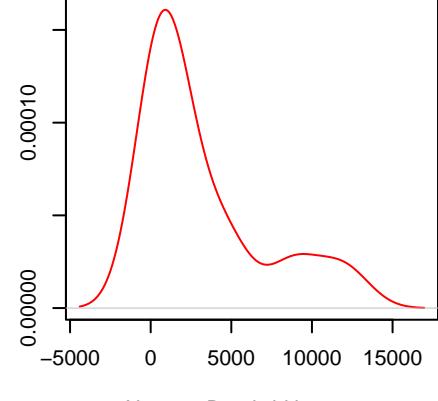
Lung-AdenoCA.SBS1.noisy.exposure  
 N = 58 prob = 0.9667  
 neg.binom.size = 30  
 mu = 415  
 size = 3.35



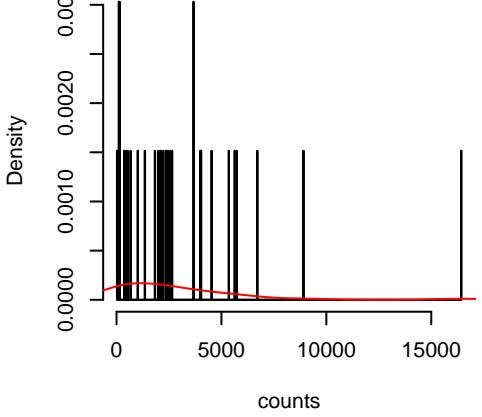
Lung-AdenoCA.SBS2.real.exposure  
 N = 22 prob = 0.5789  
 mu = 3152.53  
 size = 0.7



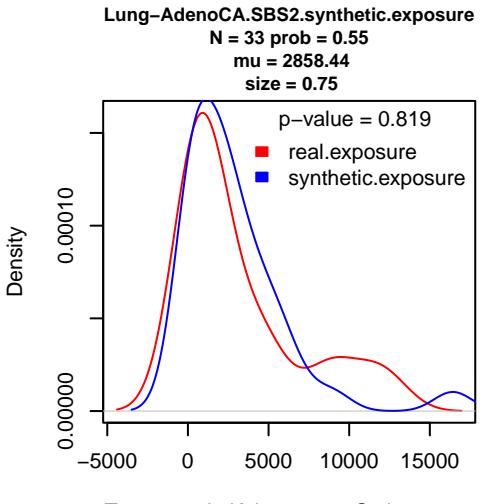
Lung-AdenoCA.SBS2.real.exposure  
 N = 22 prob = 0.5789  
 mu = 3152.53  
 size = 0.7



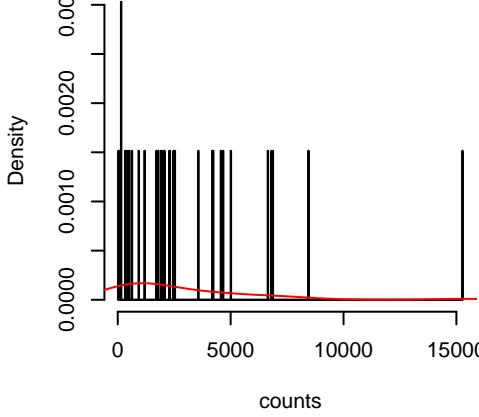
Lung-AdenoCA.SBS2.synthetic.exposure  
 N = 33 prob = 0.55  
 mu = 2858.44  
 size = 0.75



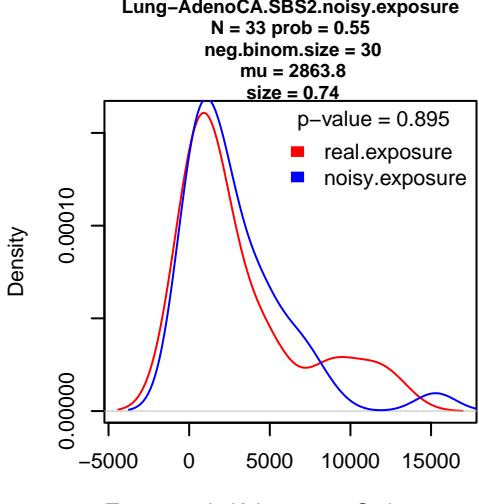
Lung-AdenoCA.SBS2.synthetic.exposure  
 N = 33 prob = 0.55  
 mu = 2858.44  
 size = 0.75



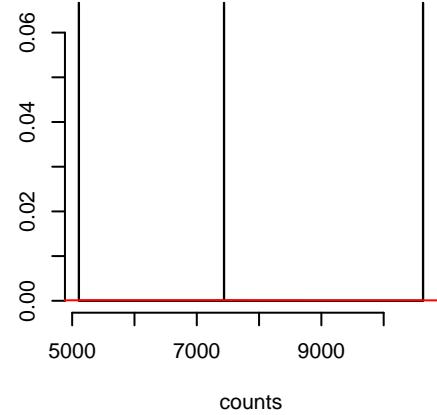
Lung-AdenoCA.SBS2.noisy.exposure  
 N = 33 prob = 0.55  
 neg.binom.size = 30  
 mu = 2863.8  
 size = 0.74



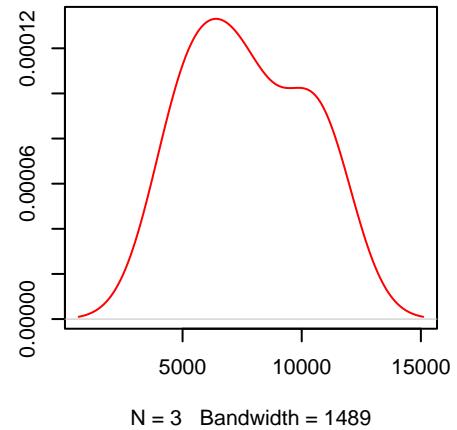
Lung-AdenoCA.SBS2.noisy.exposure  
 N = 33 prob = 0.55  
 neg.binom.size = 30  
 mu = 2863.8  
 size = 0.74



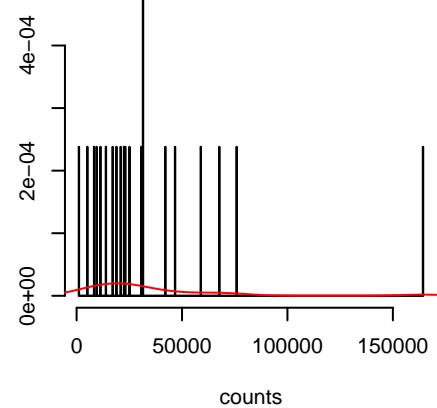
Lung-AdenoCA.SBS3.real.exposure  
 N = 3 prob = 0.0789  
 mu = 7726.22  
 size = 11.5



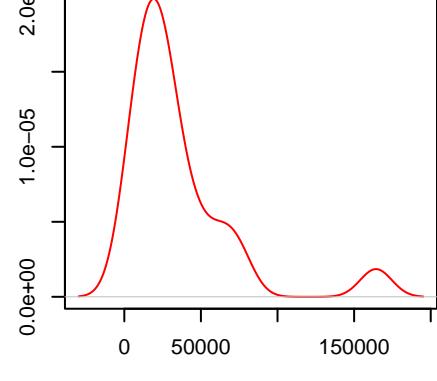
Lung-AdenoCA.SBS3.real.exposure  
 N = 3 prob = 0.0789  
 mu = 7726.22  
 size = 11.5



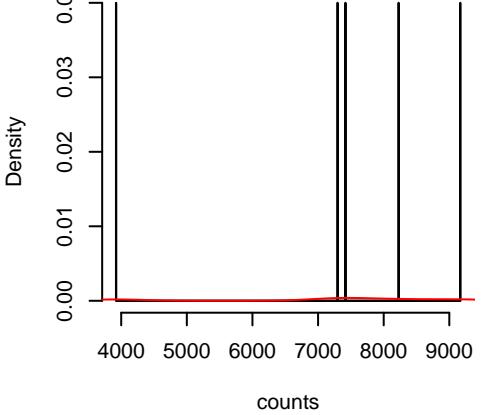
Lung-AdenoCA.SBS4.real.exposure  
 N = 21 prob = 0.5526  
 mu = 34576.66  
 size = 1.26



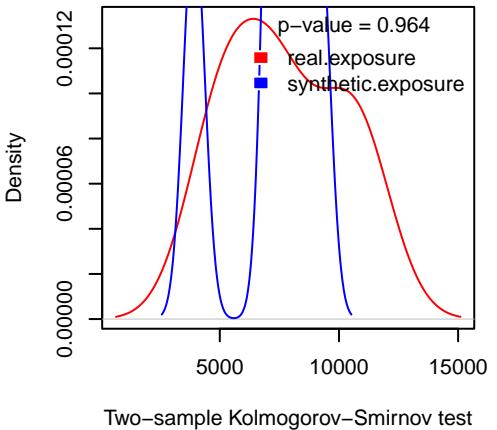
Lung-AdenoCA.SBS4.real.exposure  
 N = 21 prob = 0.5526  
 mu = 34576.66  
 size = 1.26



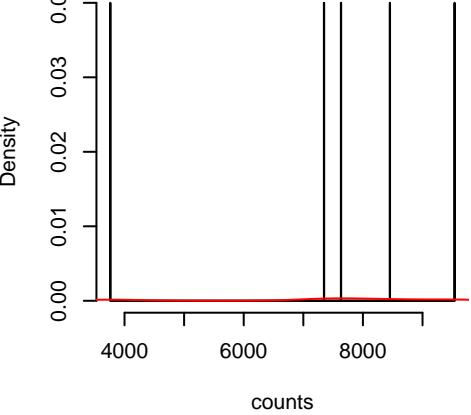
Lung-AdenoCA.SBS3.synthetic.exposure  
 N = 5 prob = 0.0833  
 mu = 7207.68  
 size = 13.08



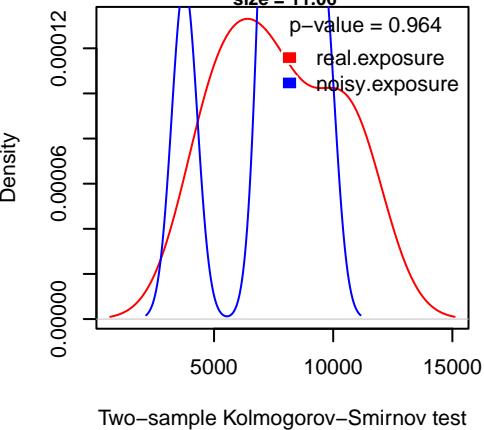
Lung-AdenoCA.SBS3.synthetic.exposure  
 N = 5 prob = 0.0833  
 mu = 7207.68  
 size = 13.08



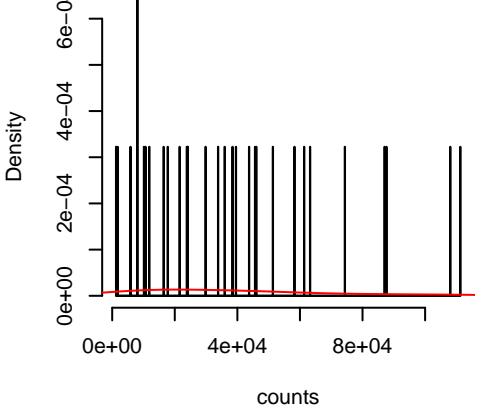
Lung-AdenoCA.SBS3.noisy.exposure  
 N = 5 prob = 0.0833  
 neg.binom.size = 30  
 mu = 7346.24  
 size = 11.06



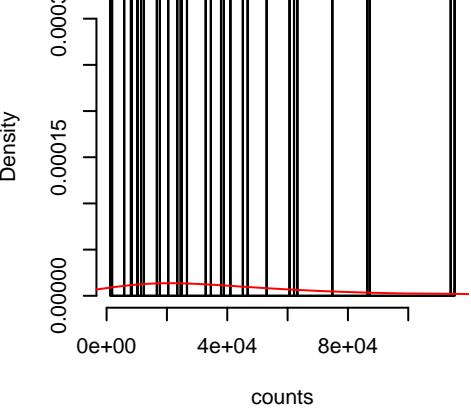
Lung-AdenoCA.SBS3.noisy.exposure  
 N = 5 prob = 0.0833  
 neg.binom.size = 30  
 mu = 7346.24  
 size = 11.06



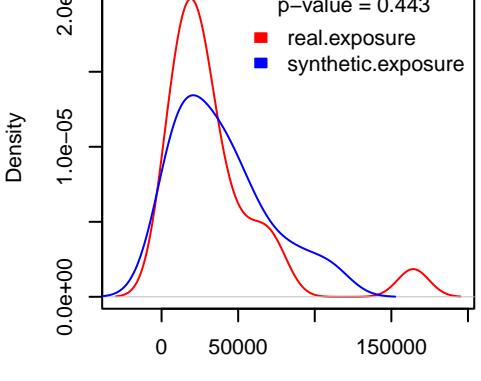
Lung-AdenoCA.SBS4.noisy.exposure  
 N = 31 prob = 0.5167  
 neg.binom.size = 30  
 mu = 38952.58  
 size = 1.32



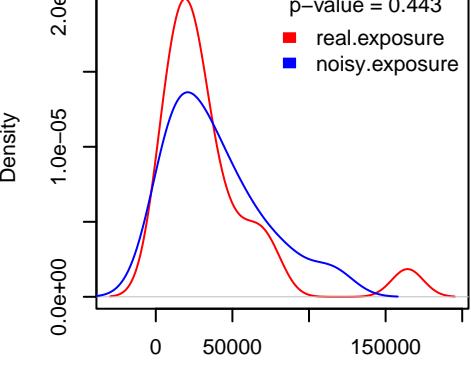
Lung-AdenoCA.SBS4.noisy.exposure  
 N = 31 prob = 0.5167  
 neg.binom.size = 30  
 mu = 38952.58  
 size = 1.32



Lung-AdenoCA.SBS4.synthetic.exposure  
 N = 31 prob = 0.5167  
 mu = 38763.86  
 size = 1.34

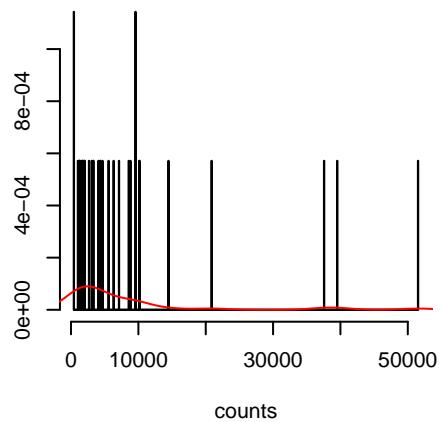


Lung-AdenoCA.SBS4.real.exposure  
 N = 21 prob = 0.5526  
 mu = 34576.66  
 size = 1.26



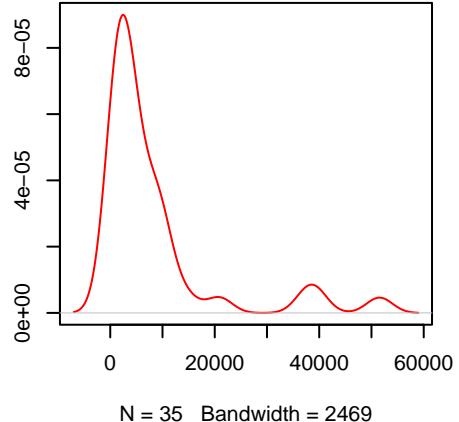
Lung-AdenoCA.SBS5.real.exposure

N = 35 prob = 0.9211  
mu = 8209.55  
size = 0.84



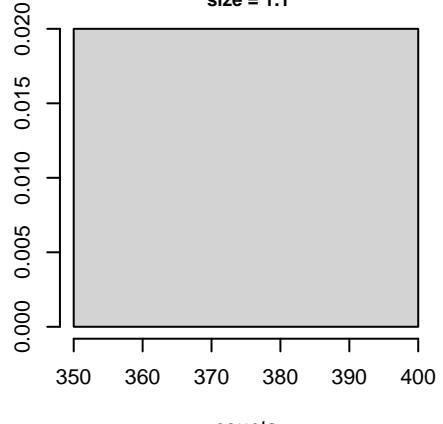
Lung-AdenoCA.SBS5.real.exposure

N = 35 prob = 0.9211  
mu = 8209.55  
size = 0.84



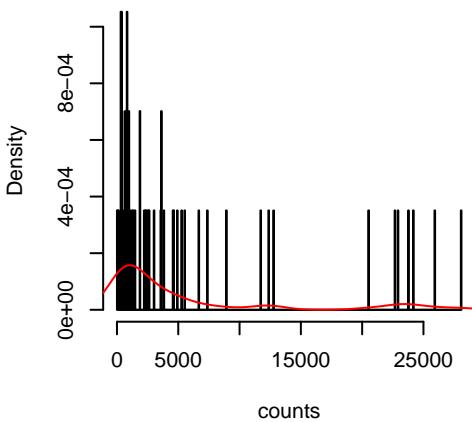
Lung-AdenoCA.SBS9.real.exposure

N = 1 prob = 0.0263  
mu = 393  
size = 1.1



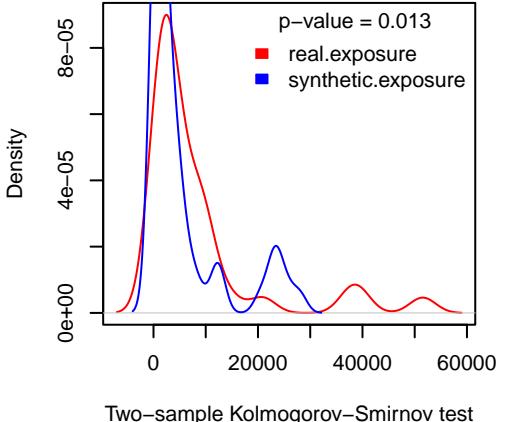
Lung-AdenoCA.SBS5.synthetic.exposure

N = 57 prob = 0.95  
mu = 5366.74  
size = 0.61



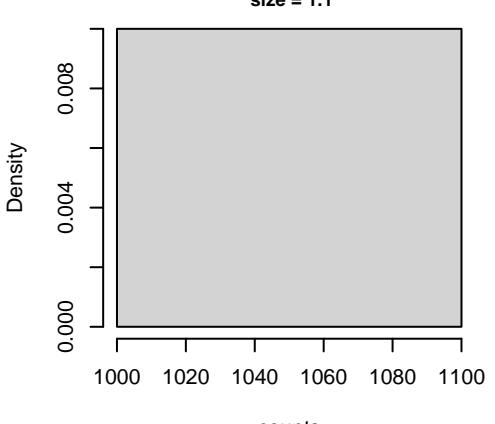
Lung-AdenoCA.SBS5.synthetic.exposure

N = 57 prob = 0.95  
mu = 5366.74  
size = 0.61



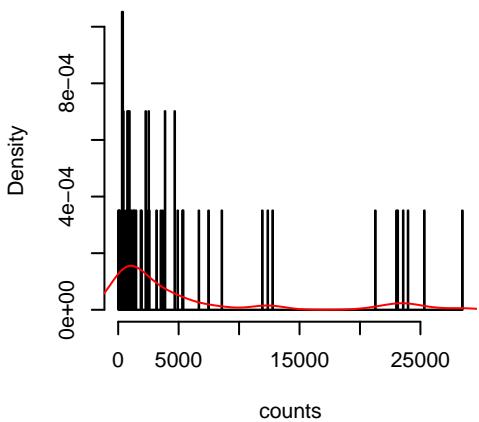
Lung-AdenoCA.SBS9.synthetic.exposure

N = 1 prob = 0.0167  
mu = 1039  
size = 1.1



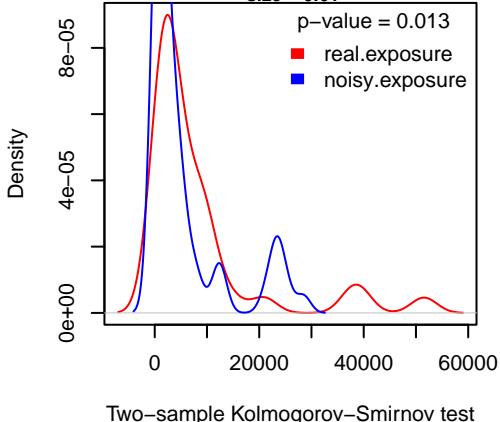
Lung-AdenoCA.SBS5.noisy.exposure

N = 57 prob = 0.95  
neg.binom.size = 30  
mu = 5391.19  
size = 0.61



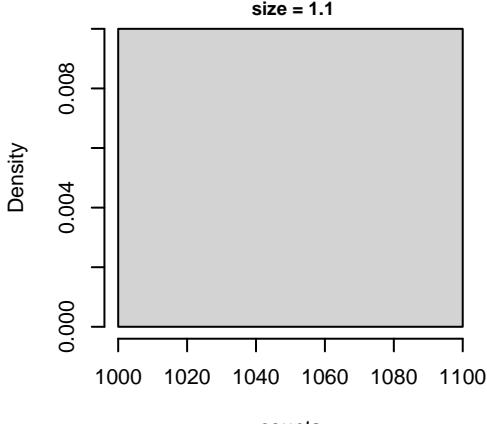
Lung-AdenoCA.SBS5.noisy.exposure

N = 57 prob = 0.95  
neg.binom.size = 30  
mu = 5391.19  
size = 0.61

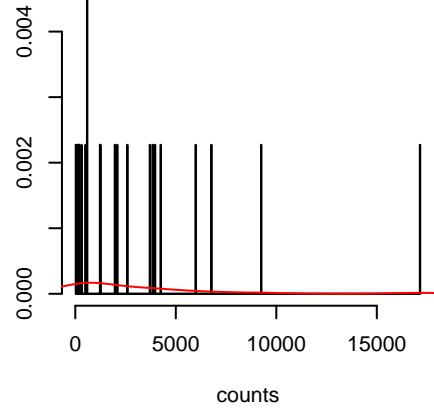


Lung-AdenoCA.SBS9.noisy.exposure

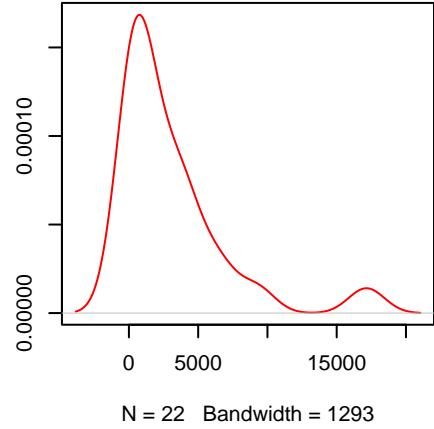
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 1033  
size = 1.1



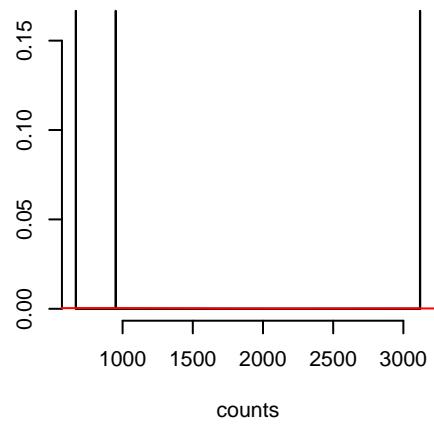
Lung-AdenoCA.SBS13.real.exposure  
 N = 22 prob = 0.5789  
 mu = 3033.62  
 size = 0.64



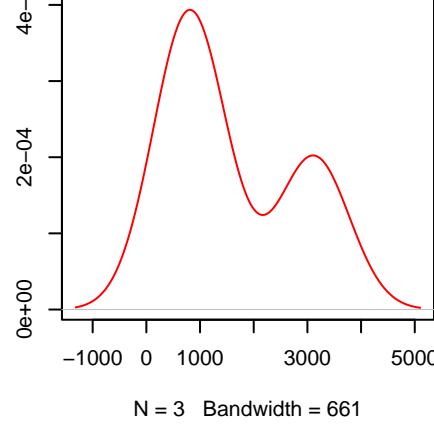
Lung-AdenoCA.SBS13.real.exposure  
 N = 22 prob = 0.5789  
 mu = 3033.62  
 size = 0.64



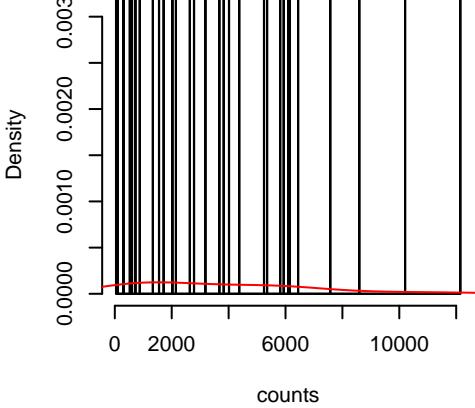
Lung-AdenoCA.SBS17a.real.exposure  
 N = 3 prob = 0.0789  
 mu = 1579.05  
 size = 2.34



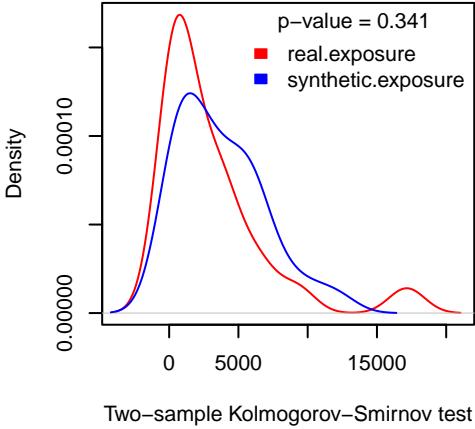
Lung-AdenoCA.SBS17a.real.exposure  
 N = 3 prob = 0.0789  
 mu = 1579.05  
 size = 2.34



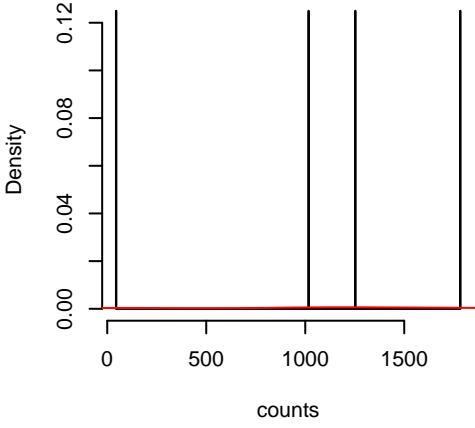
Lung-AdenoCA.SBS13.synthetic.exposure  
 N = 31 prob = 0.5167  
 mu = 3752.56  
 size = 1.02



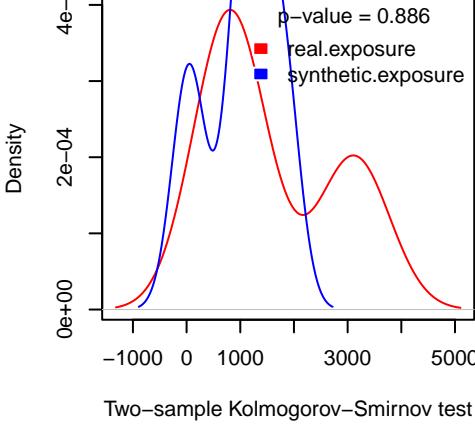
Lung-AdenoCA.SBS13.synthetic.exposure  
 N = 31 prob = 0.5167  
 mu = 3752.56  
 size = 1.02



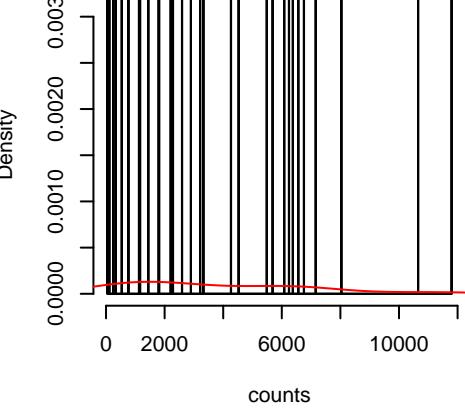
Lung-AdenoCA.SBS17a.synthetic.exposure  
 N = 4 prob = 0.0667  
 mu = 1024.8  
 size = 0.98



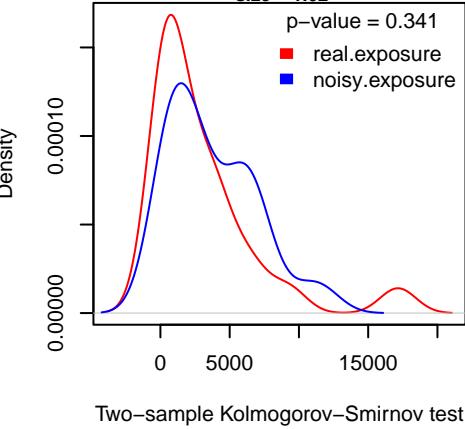
Lung-AdenoCA.SBS17a.synthetic.exposure  
 N = 4 prob = 0.0667  
 mu = 1024.8  
 size = 0.98



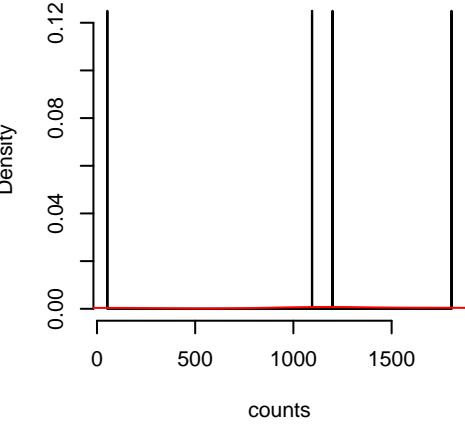
Lung-AdenoCA.SBS13.noisy.exposure  
 N = 31 prob = 0.5167  
 neg.binom.size = 30  
 mu = 3751.18  
 size = 1.02



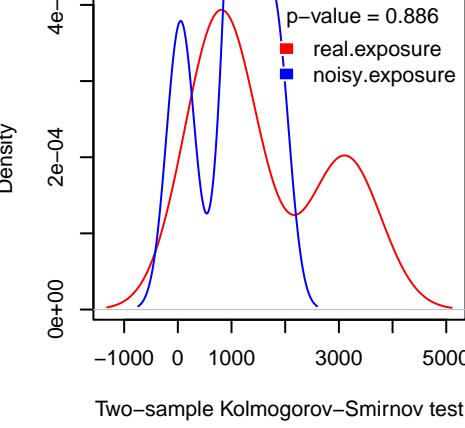
Lung-AdenoCA.SBS13.noisy.exposure  
 N = 31 prob = 0.5167  
 neg.binom.size = 30  
 mu = 3751.18  
 size = 1.02



Lung-AdenoCA.SBS17a.noisy.exposure  
 N = 4 prob = 0.0667  
 neg.binom.size = 30  
 mu = 1038.08  
 size = 1.03

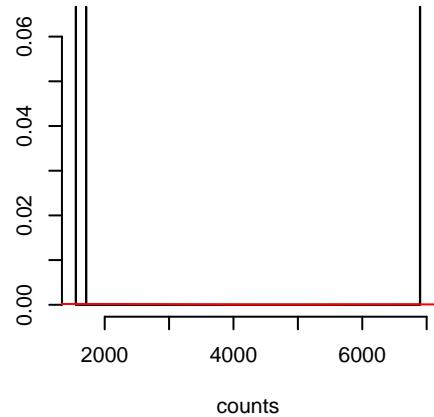


Lung-AdenoCA.SBS17a.noisy.exposure  
 N = 4 prob = 0.0667  
 neg.binom.size = 30  
 mu = 1038.08  
 size = 1.03



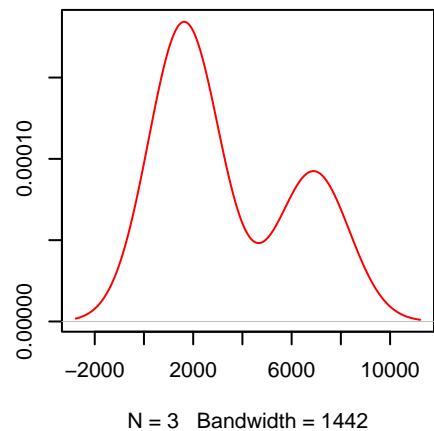
### Lung-AdenoCA.SBS17b.real.exposure

N = 3 prob = 0.0789  
mu = 3388.9  
size = 2.15



### Lung-AdenoCA.SBS17b.real.exposure

N = 3 prob = 0.0789  
mu = 3388.9  
size = 2.15

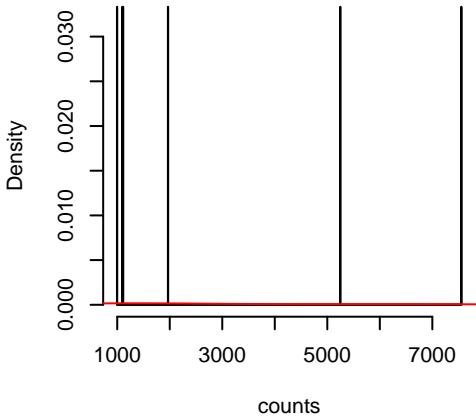


### Lung-AdenoCA.SBS17b.synthetic.exposure

N = 6 prob = 0.1  
mu = 2996.72  
size = 1.63

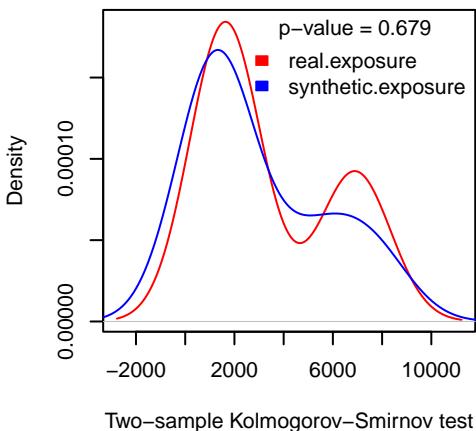
### Lung-AdenoCA.SBS17b.synthetic.exposure

N = 6 prob = 0.1  
mu = 2996.72  
size = 1.63



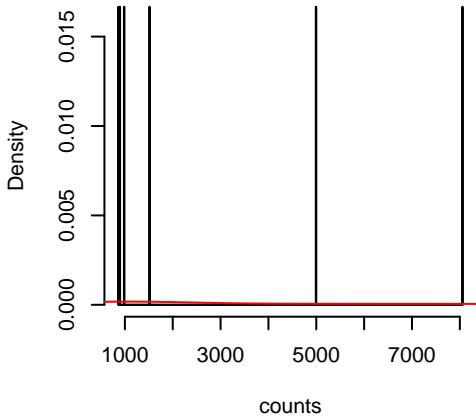
### Lung-AdenoCA.SBS17b.synthetic.exposure

N = 6 prob = 0.1  
mu = 2996.72  
size = 1.63



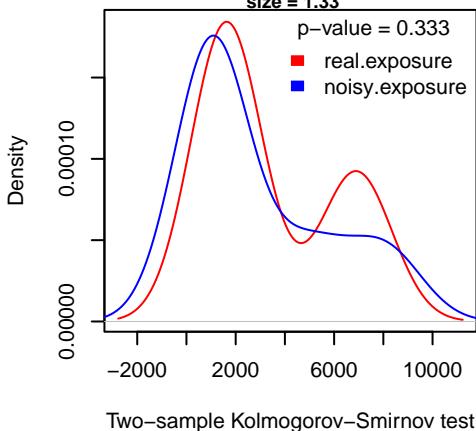
### Lung-AdenoCA.SBS17b.noisy.exposure

N = 6 prob = 0.1  
neg.binom.size = 30  
mu = 2887.46  
size = 1.33



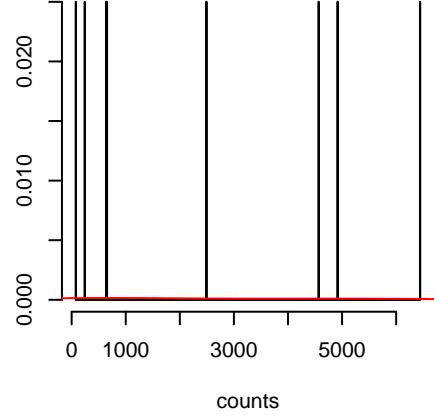
### Lung-AdenoCA.SBS17b.noisy.exposure

N = 6 prob = 0.1  
neg.binom.size = 30  
mu = 2887.46  
size = 1.33



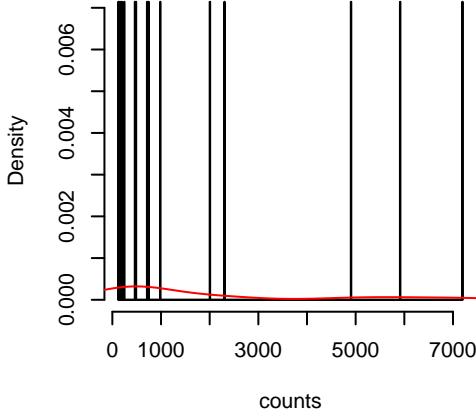
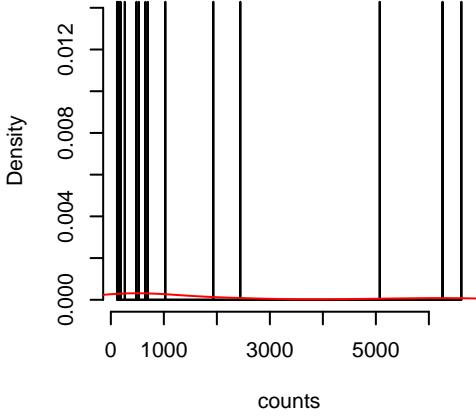
### Lung-AdenoCA.SBS18.real.exposure

N = 8 prob = 0.2105  
mu = 2502.97  
size = 0.76



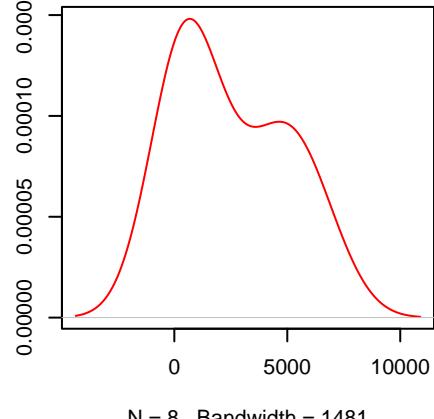
### Lung-AdenoCA.SBS18.synthetic.exposure

N = 14 prob = 0.2333  
mu = 1887.47  
size = 0.75



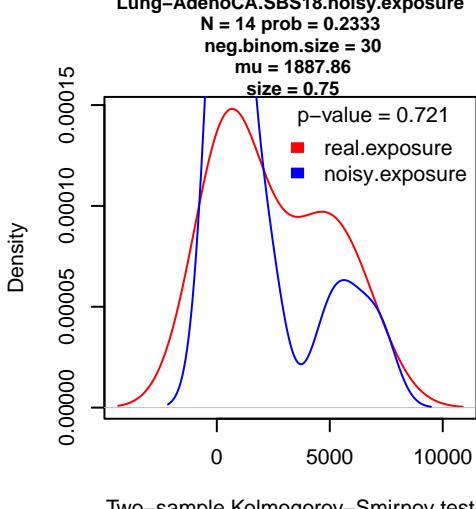
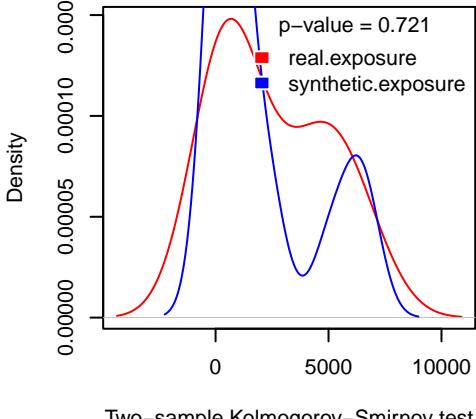
### Lung-AdenoCA.SBS18.real.exposure

N = 8 prob = 0.2105  
mu = 2502.97  
size = 0.76



### Lung-AdenoCA.SBS18.synthetic.exposure

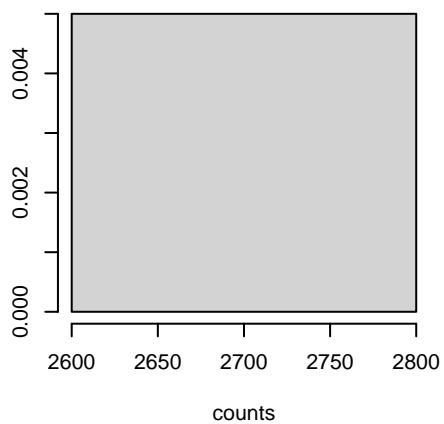
N = 14 prob = 0.2333  
mu = 1887.47  
size = 0.75



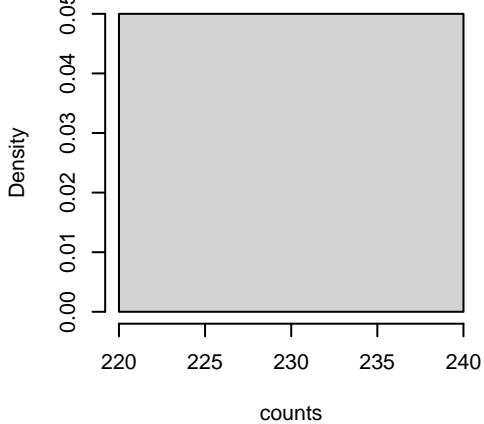
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

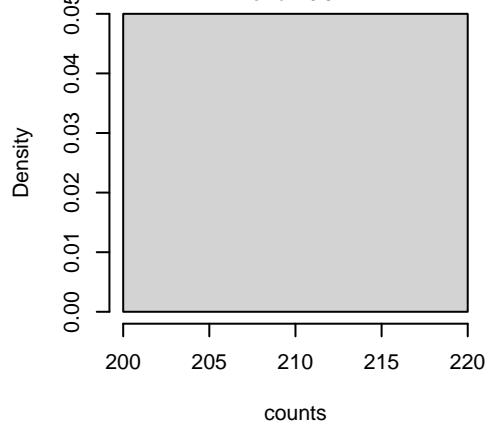
Lung-AdenoCA.SBS28.real.exposure  
N = 1 prob = 0.0263  
mu = 2614  
size = 0.94



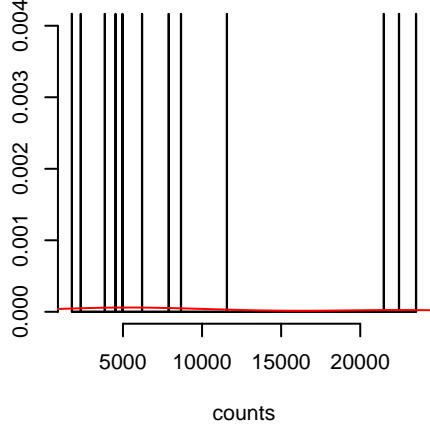
Lung-AdenoCA.SBS28.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 222  
size = 0.94



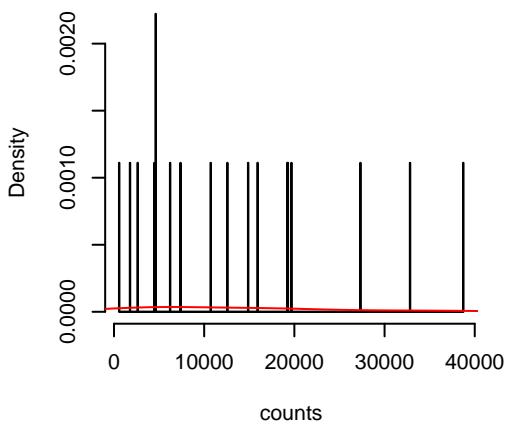
Lung-AdenoCA.SBS28.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 203  
size = 0.94



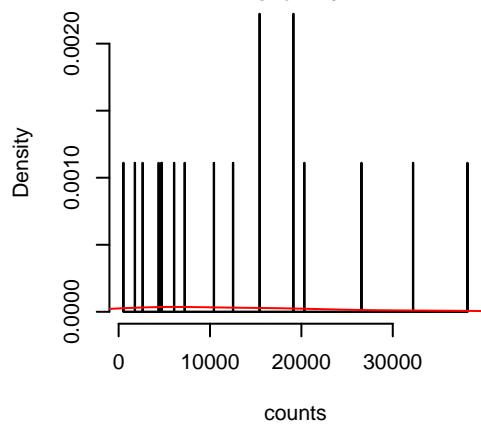
Lung-AdenoCA.SBS40.real.exposure  
N = 12 prob = 0.3158  
mu = 9936.86  
size = 1.71



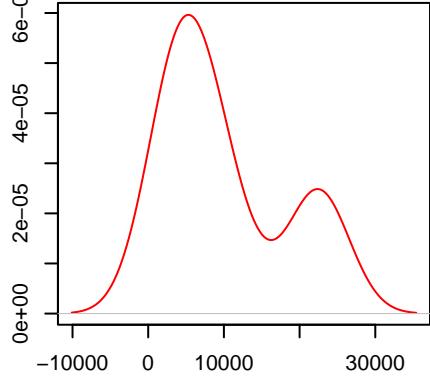
Lung-AdenoCA.SBS40.synthetic.exposure  
N = 18 prob = 0.3  
mu = 13526.86  
size = 1.3



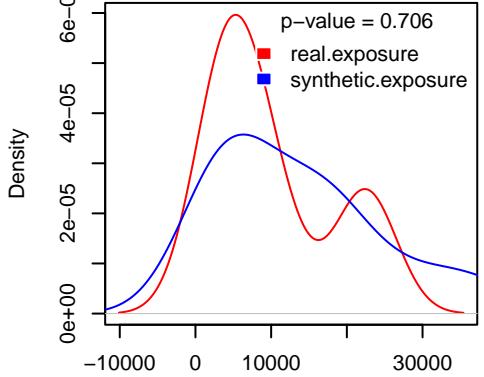
Lung-AdenoCA.SBS40.noisy.exposure  
N = 18 prob = 0.3  
neg.binom.size = 30  
mu = 13411.36  
size = 1.3



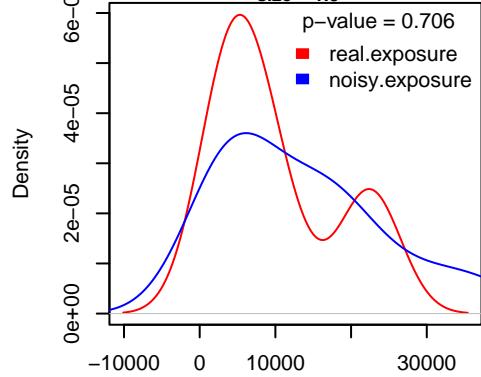
Lung-AdenoCA.SBS40.real.exposure  
N = 12 prob = 0.3158  
mu = 9936.86  
size = 1.71



Lung-AdenoCA.SBS40.synthetic.exposure  
N = 18 prob = 0.3  
mu = 13526.86  
size = 1.3



Lung-AdenoCA.SBS40.noisy.exposure  
N = 18 prob = 0.3  
neg.binom.size = 30  
mu = 13411.36  
size = 1.3

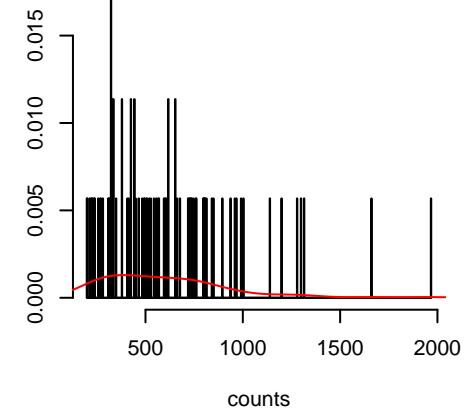


N = 12 Bandwidth = 3962

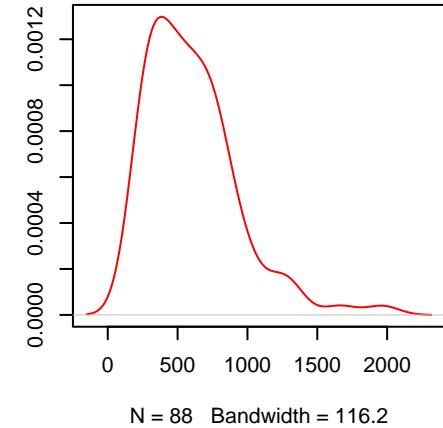
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

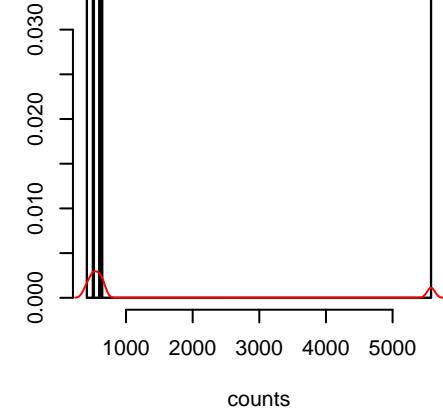
**Lymph-BNHL.SBS1.real.exposure**  
 N = 88 prob = 1  
 mu = 603.98  
 size = 3.89



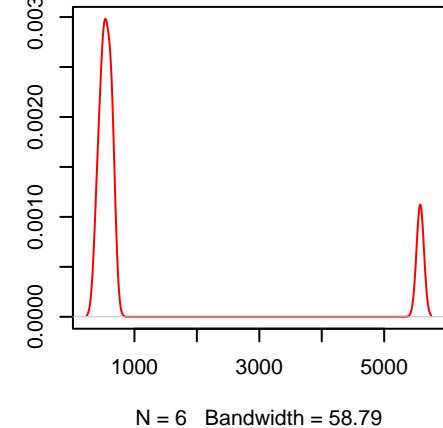
**Lymph-BNHL.SBS1.real.exposure**  
 N = 88 prob = 1  
 mu = 603.98  
 size = 3.89



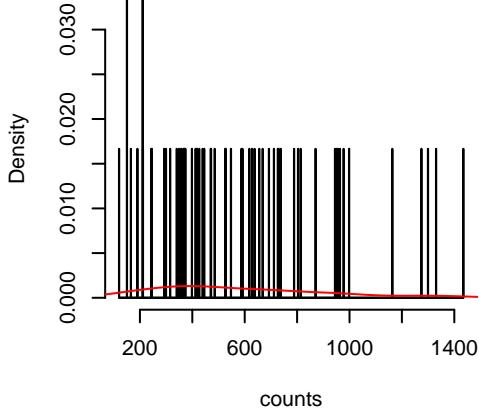
**Lymph-BNHL.SBS2.real.exposure**  
 N = 6 prob = 0.0682  
 mu = 1377.81  
 size = 1.03



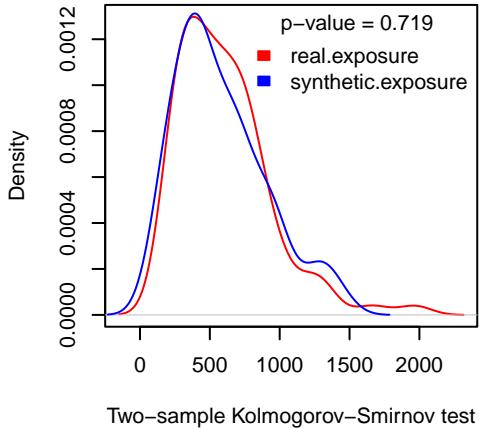
**Lymph-BNHL.SBS2.real.exposure**  
 N = 6 prob = 0.0682  
 mu = 1377.81  
 size = 1.03



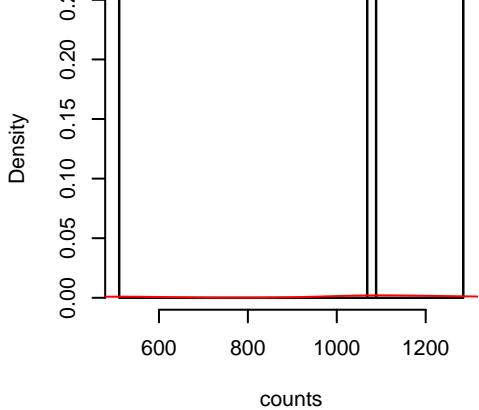
**Lymph-BNHL.SBS1.synthetic.exposure**  
 N = 60 prob = 1  
 mu = 581.65  
 size = 3.24



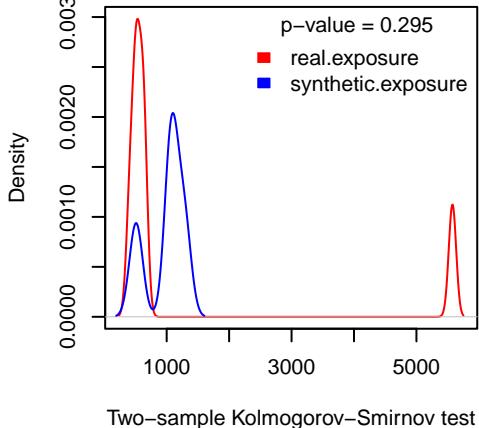
**Lymph-BNHL.SBS1.synthetic.exposure**  
 N = 60 prob = 1  
 mu = 581.65  
 size = 3.24



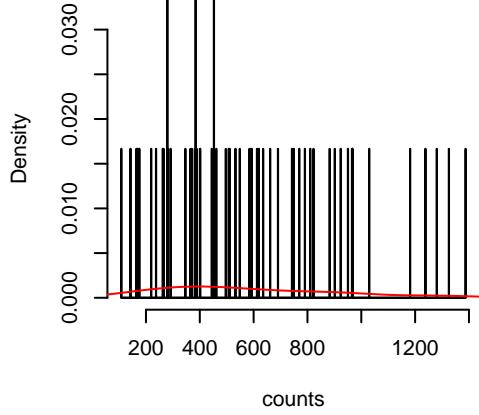
**Lymph-BNHL.SBS2.synthetic.exposure**  
 N = 4 prob = 0.0667  
 mu = 988.2  
 size = 9.23



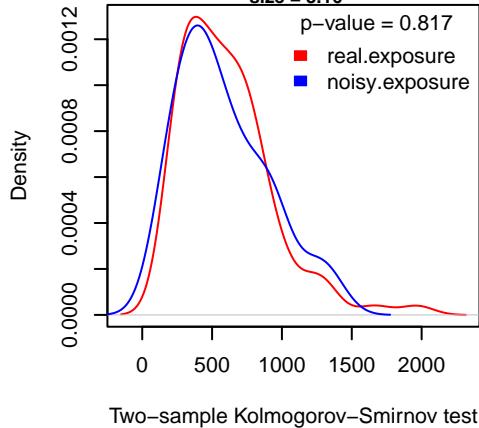
**Lymph-BNHL.SBS2.synthetic.exposure**  
 N = 4 prob = 0.0667  
 mu = 988.2  
 size = 9.23



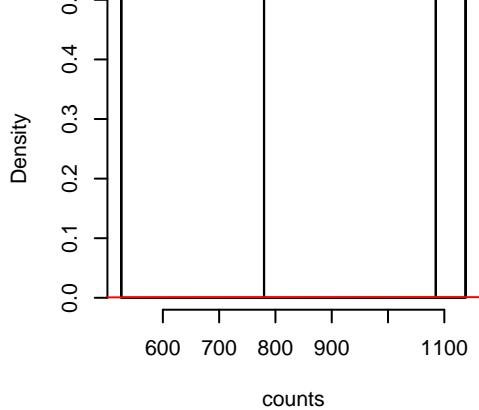
**Lymph-BNHL.SBS1.noisy.exposure**  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 582.71  
 size = 3.16



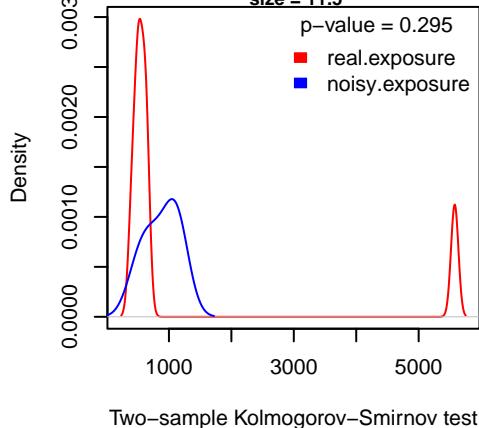
**Lymph-BNHL.SBS1.noisy.exposure**  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 582.71  
 size = 3.16



**Lymph-BNHL.SBS2.noisy.exposure**  
 N = 4 prob = 0.0667  
 neg.binom.size = 30  
 mu = 882.25  
 size = 11.5



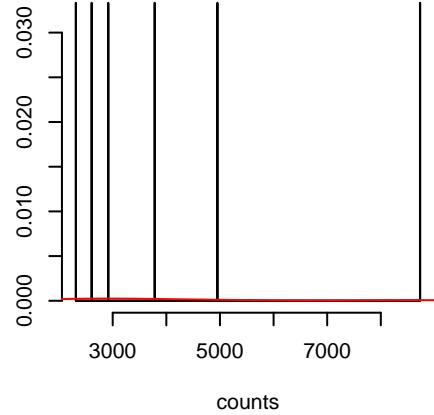
**Lymph-BNHL.SBS2.noisy.exposure**  
 N = 4 prob = 0.0667  
 neg.binom.size = 30  
 mu = 882.25  
 size = 11.5



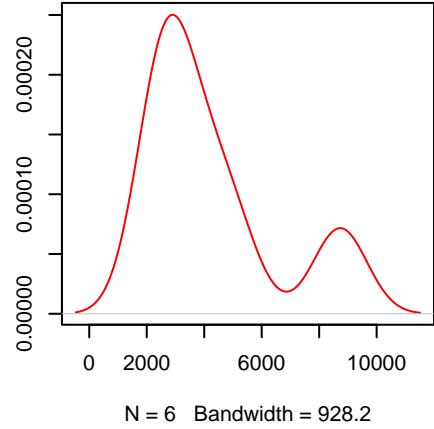
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

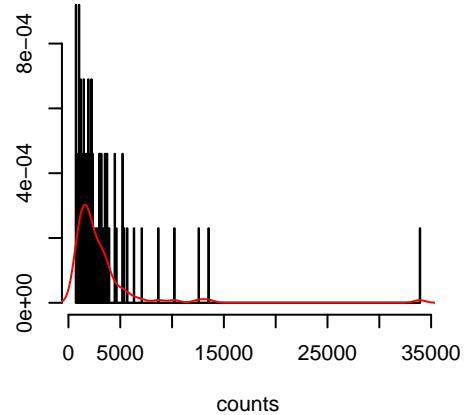
Lymph-BNHL.SBS3.real.exposure  
 N = 6 prob = 0.0682  
 mu = 4218.65  
 size = 4.64



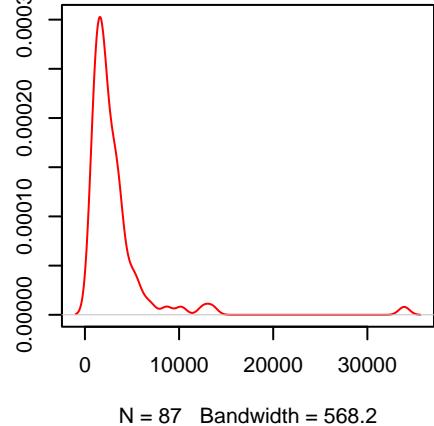
Lymph-BNHL.SBS3.real.exposure  
 N = 6 prob = 0.0682  
 mu = 4218.65  
 size = 4.64



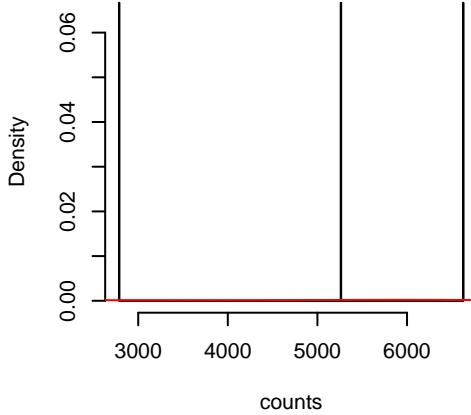
Lymph-BNHL.SBS5.real.exposure  
 N = 87 prob = 0.9886  
 mu = 3180.89  
 size = 1.69



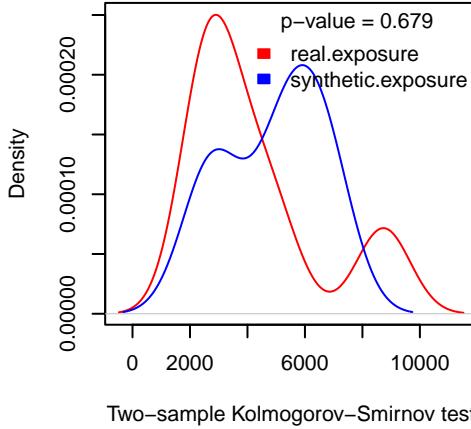
Lymph-BNHL.SBS5.real.exposure  
 N = 87 prob = 0.9886  
 mu = 3180.89  
 size = 1.69



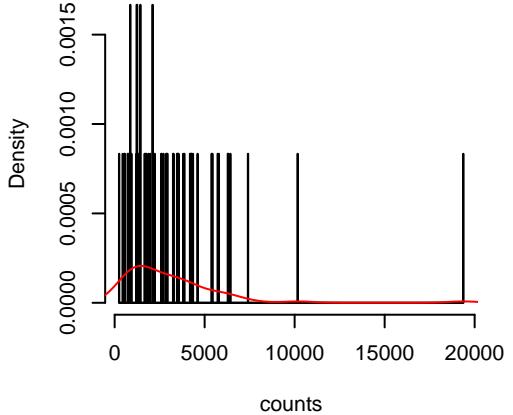
Lymph-BNHL.SBS3.synthetic.exposure  
 N = 3 prob = 0.05  
 mu = 4893  
 size = 8.22



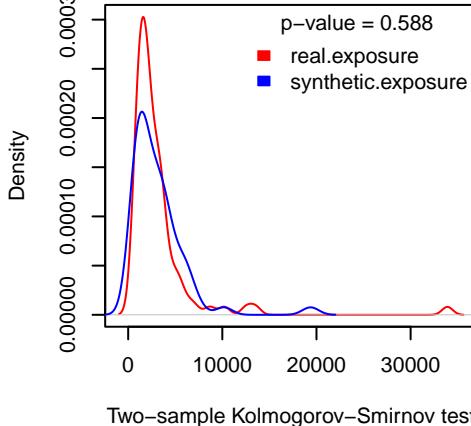
Lymph-BNHL.SBS3.synthetic.exposure  
 N = 3 prob = 0.05  
 mu = 4893  
 size = 8.22



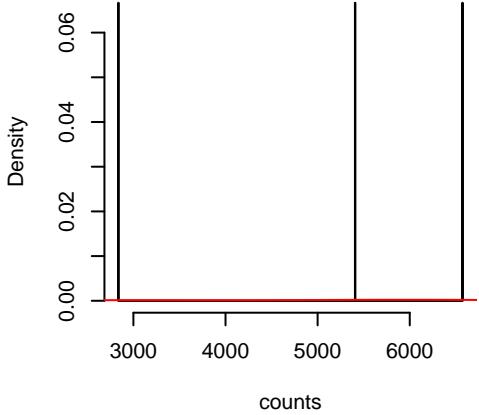
Lymph-BNHL.SBS5.synthetic.exposure  
 N = 60 prob = 1  
 mu = 3114.99  
 size = 1.65



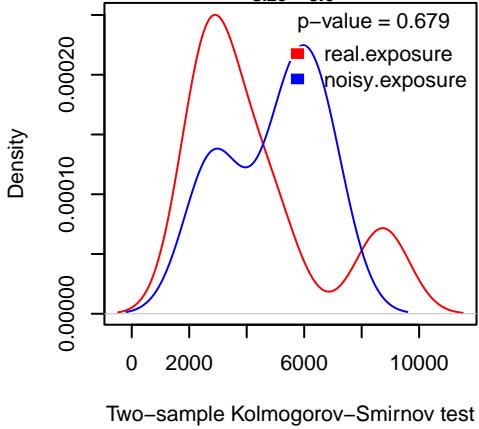
Lymph-BNHL.SBS5.synthetic.exposure  
 N = 60 prob = 1  
 mu = 3114.99  
 size = 1.65



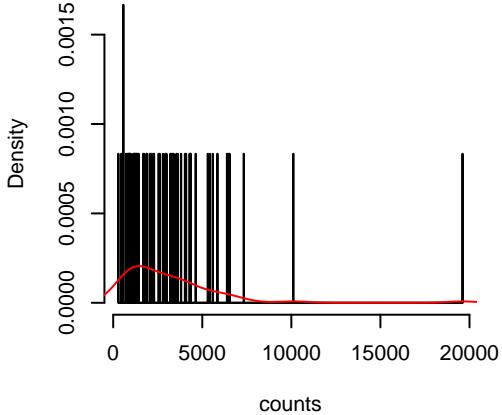
Lymph-BNHL.SBS3.noisy.exposure  
 N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 4939.05  
 size = 8.6



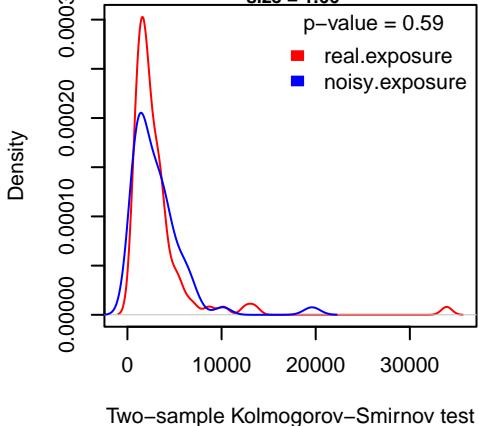
Lymph-BNHL.SBS3.noisy.exposure  
 N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 4939.05  
 size = 8.6



Lymph-BNHL.SBS5.noisy.exposure  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 3131.2  
 size = 1.66



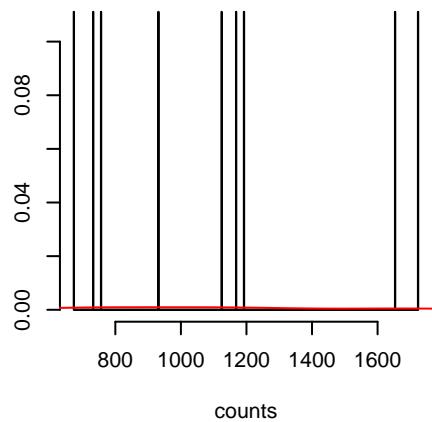
Lymph-BNHL.SBS5.noisy.exposure  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 3131.2  
 size = 1.66



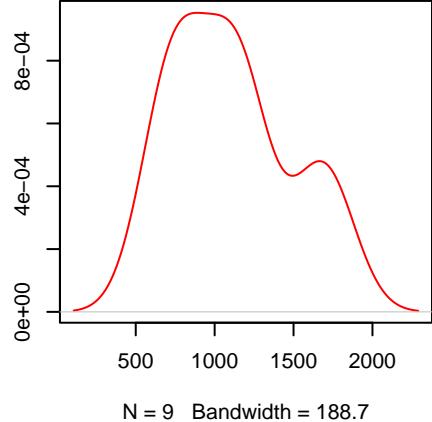
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

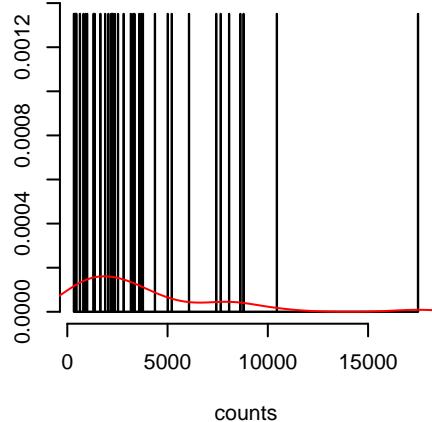
Lymph-BNHL.SBS6.real.exposure  
 N = 9 prob = 0.1023  
 mu = 1106.79  
 size = 9.84



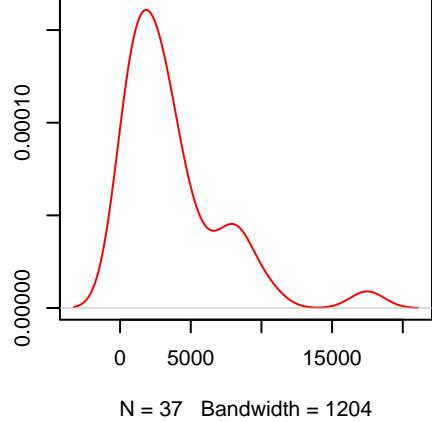
Lymph-BNHL.SBS6.real.exposure  
 N = 9 prob = 0.1023  
 mu = 1106.79  
 size = 9.84



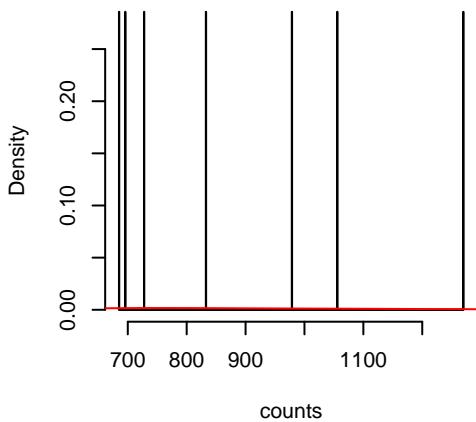
Lymph-BNHL.SBS9.real.exposure  
 N = 37 prob = 0.4205  
 mu = 3729.81  
 size = 1.24



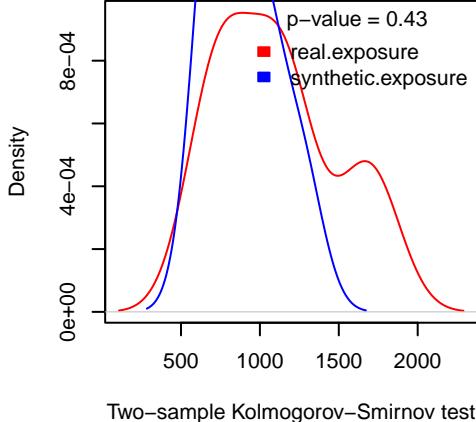
Lymph-BNHL.SBS9.real.exposure  
 N = 37 prob = 0.4205  
 mu = 3729.81  
 size = 1.24



Lymph-BNHL.SBS6.synthetic.exposure  
 N = 7 prob = 0.1167  
 mu = 892.42  
 size = 20.97

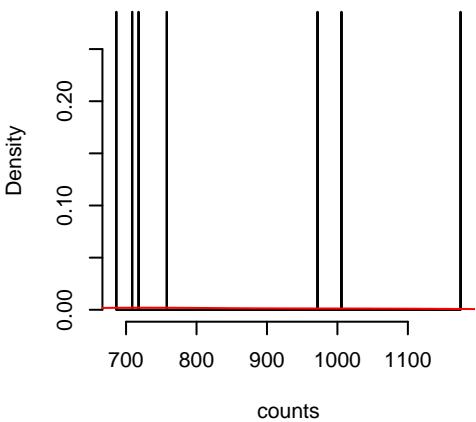


Lymph-BNHL.SBS6.synthetic.exposure  
 N = 7 prob = 0.1167  
 mu = 892.42  
 size = 20.97

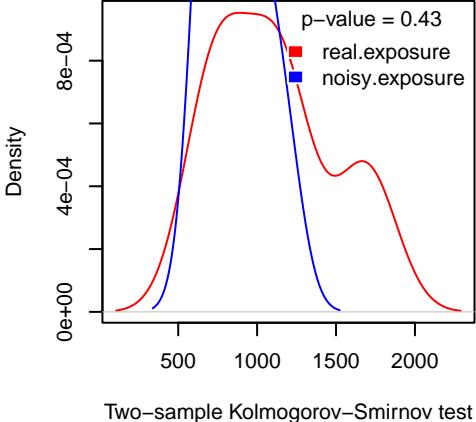


Two-sample Kolmogorov-Smirnov test

Lymph-BNHL.SBS6.noisy.exposure  
 N = 7 prob = 0.1167  
 neg.binom.size = 30  
 mu = 860.57  
 size = 26.02



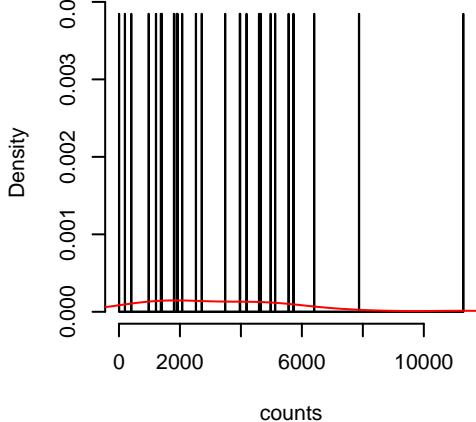
Lymph-BNHL.SBS6.noisy.exposure  
 N = 7 prob = 0.1167  
 neg.binom.size = 30  
 mu = 860.57  
 size = 26.02



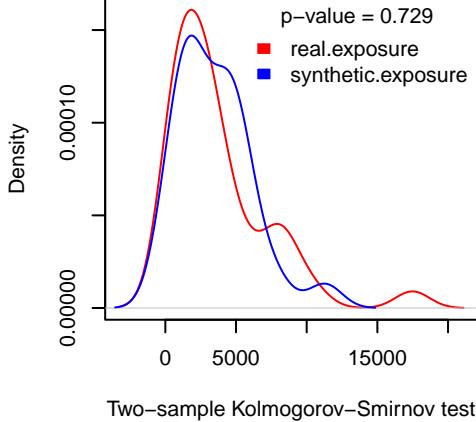
Two-sample Kolmogorov-Smirnov test

Lymph-BNHL.SBS9.synthetic.exposure

N = 26 prob = 0.4333  
 mu = 3475.93  
 size = 1.16



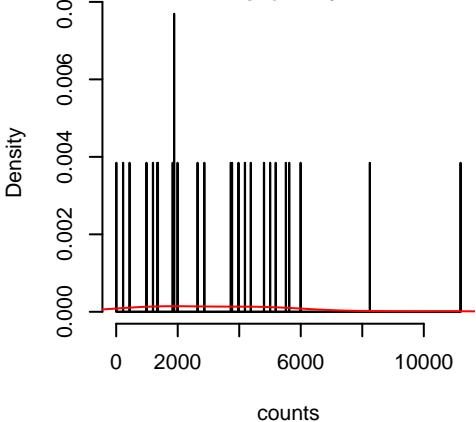
Lymph-BNHL.SBS9.synthetic.exposure  
 N = 26 prob = 0.4333  
 mu = 3475.93  
 size = 1.16



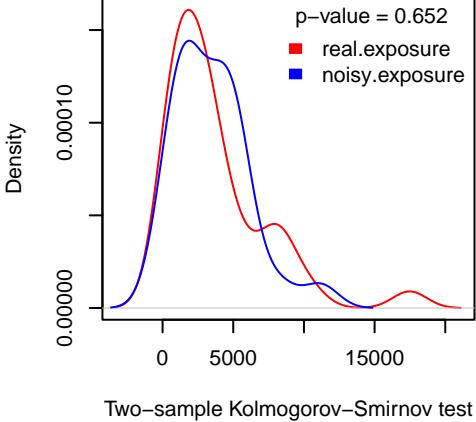
Two-sample Kolmogorov-Smirnov test

Lymph-BNHL.SBS9.noisy.exposure

N = 26 prob = 0.4333  
 neg.binom.size = 30  
 mu = 3470.14  
 size = 1.15



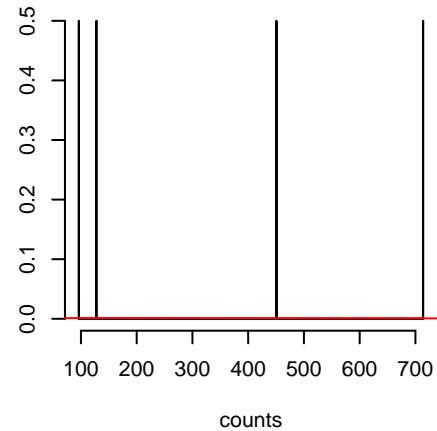
Lymph-BNHL.SBS9.noisy.exposure  
 N = 26 prob = 0.4333  
 neg.binom.size = 30  
 mu = 3470.14  
 size = 1.15



Two-sample Kolmogorov-Smirnov test

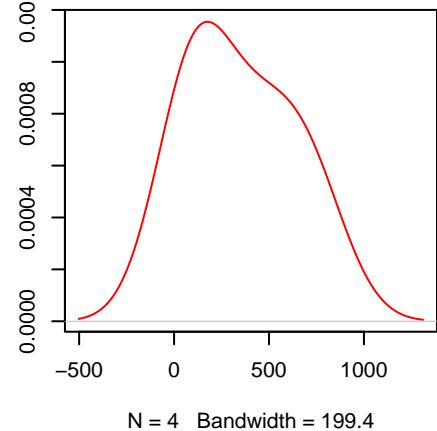
Lymph-BNHL.SBS13.real.exposure

N = 4 prob = 0.0455  
mu = 347.24  
size = 1.69



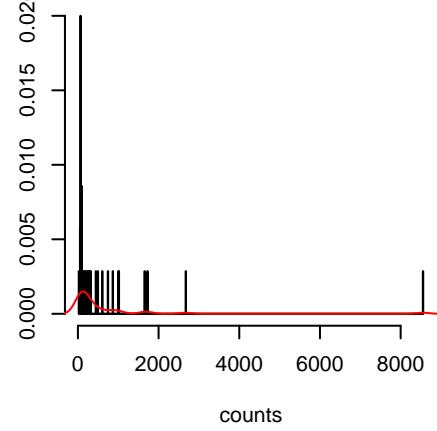
Lymph-BNHL.SBS13.real.exposure

N = 4 prob = 0.0455  
mu = 347.24  
size = 1.69



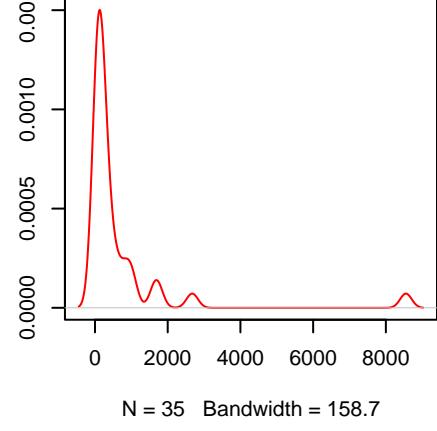
Lymph-BNHL.SBS17a.real.exposure

N = 35 prob = 0.3977  
mu = 658.19  
size = 0.59



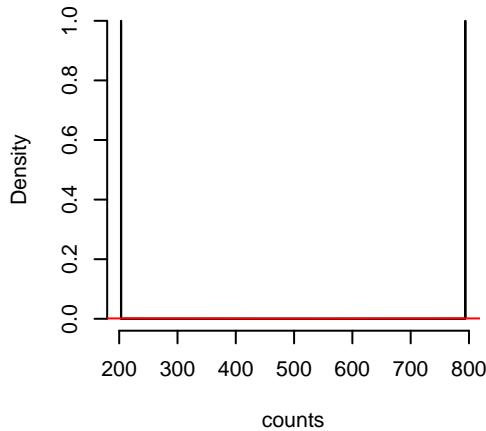
Lymph-BNHL.SBS17a.real.exposure

N = 35 prob = 0.3977  
mu = 658.19  
size = 0.59



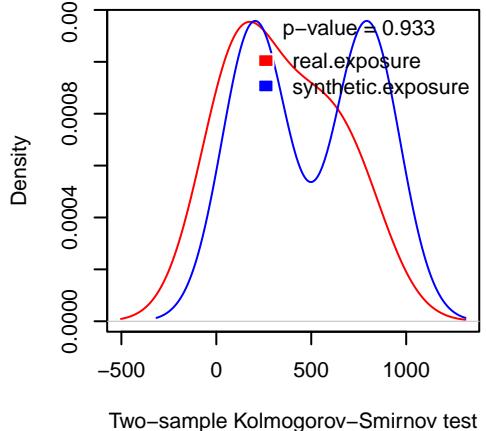
Lymph-BNHL.SBS13.synthetic.exposure

N = 2 prob = 0.0333  
mu = 498.54  
size = 2.48



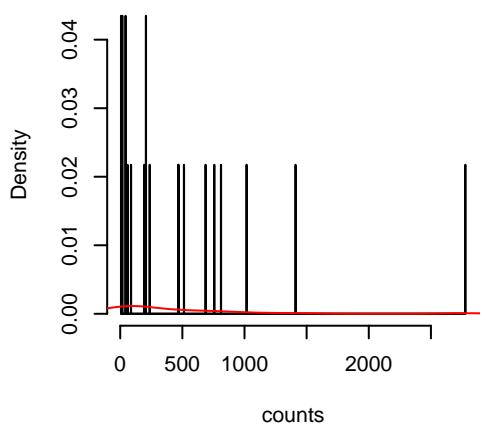
Lymph-BNHL.SBS13.synthetic.exposure

N = 2 prob = 0.0333  
mu = 498.54  
size = 2.48



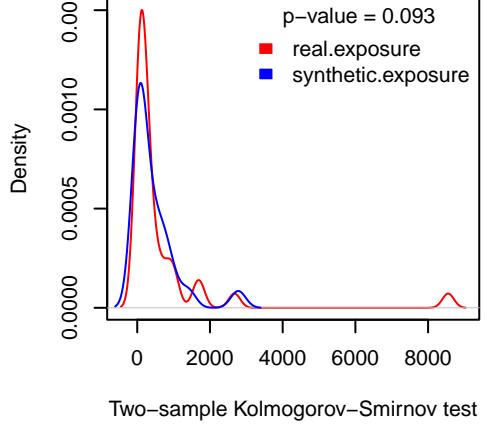
Lymph-BNHL.SBS17a.synthetic.exposure

N = 23 prob = 0.3833  
mu = 437.87  
size = 0.53



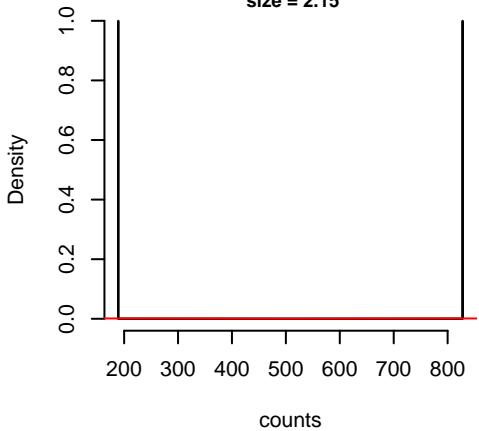
Lymph-BNHL.SBS17a.synthetic.exposure

N = 23 prob = 0.3833  
mu = 437.87  
size = 0.53



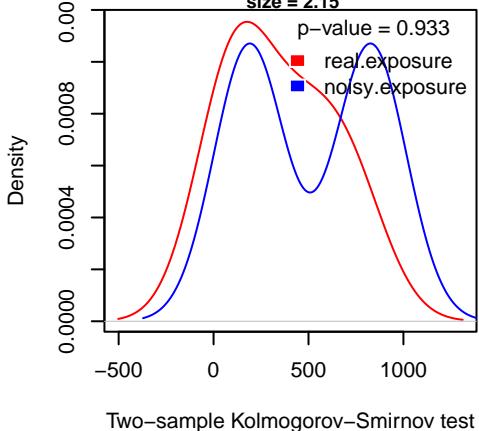
Lymph-BNHL.SBS13.noisy.exposure

N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 508.58  
size = 2.15



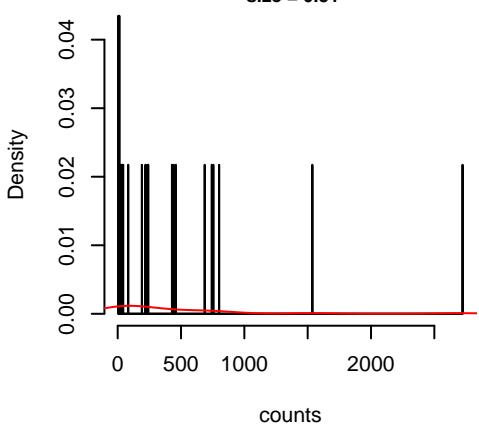
Lymph-BNHL.SBS13.noisy.exposure

N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 508.58  
size = 2.15



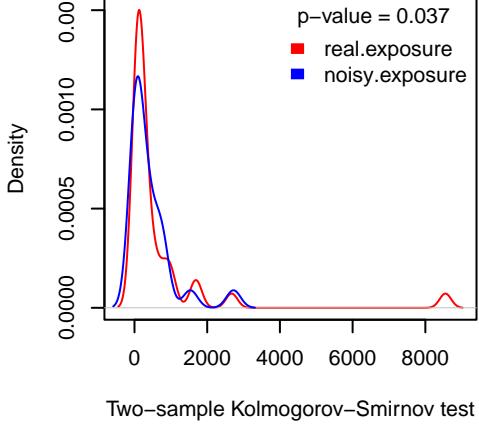
Lymph-BNHL.SBS17a.noisy.exposure

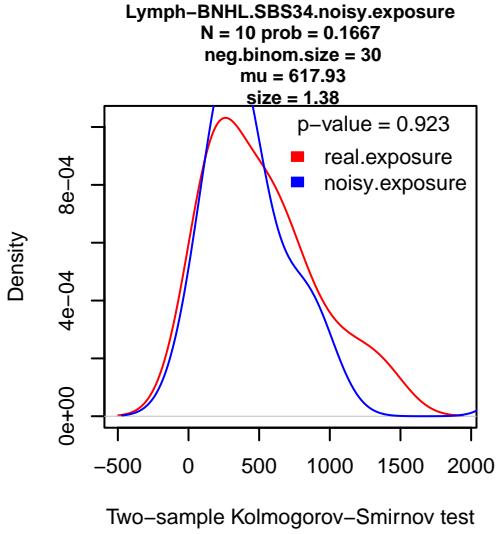
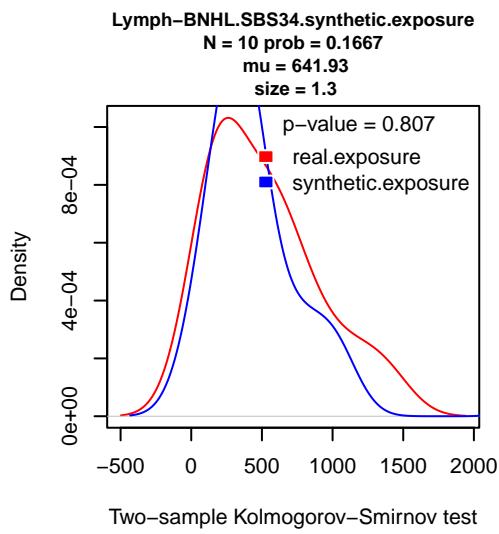
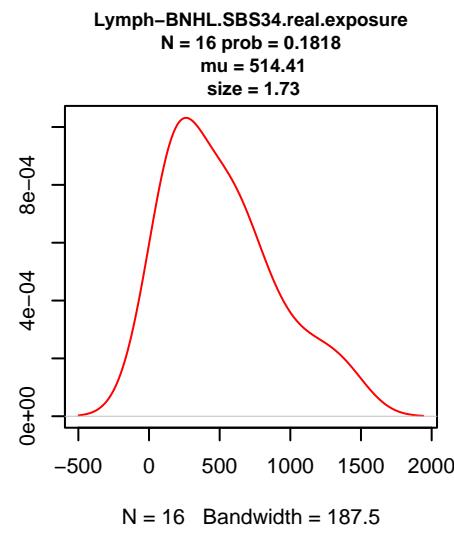
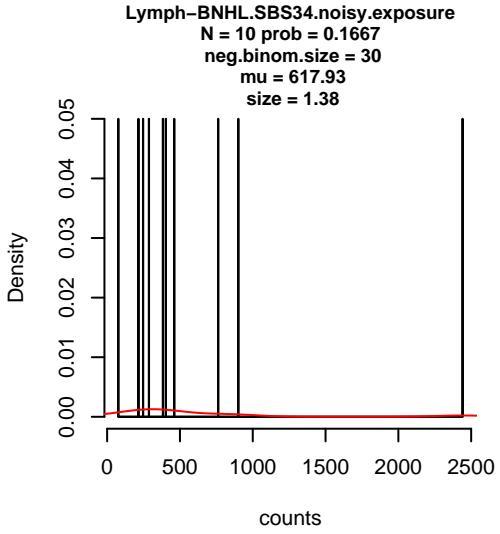
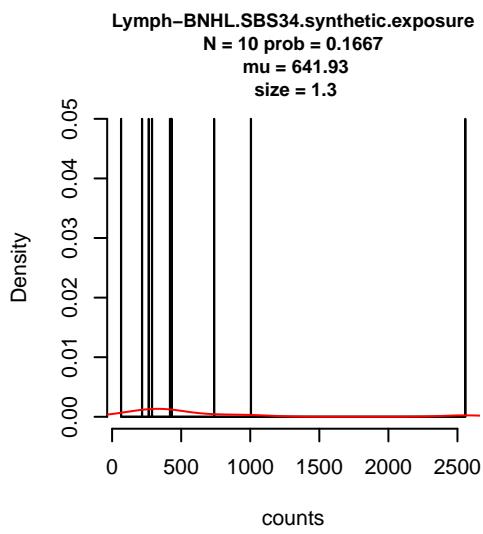
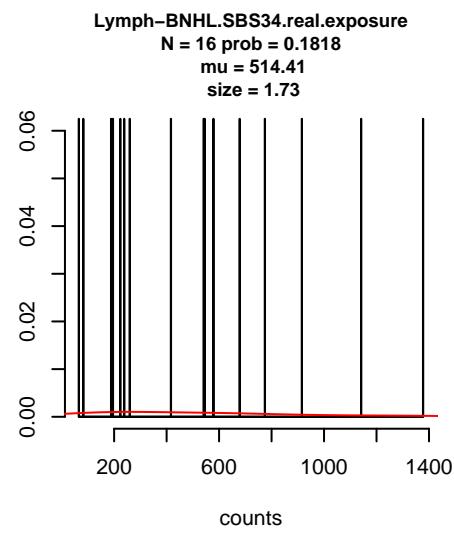
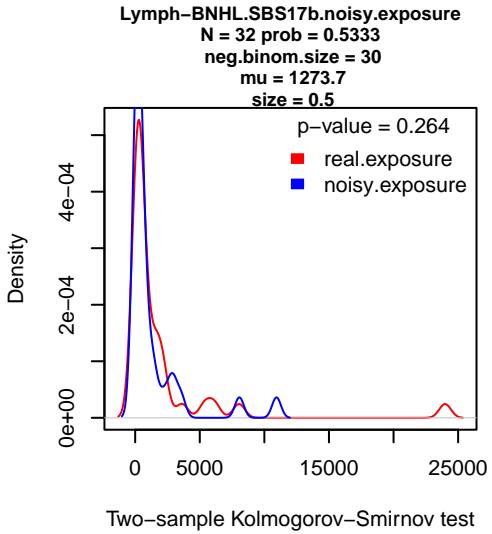
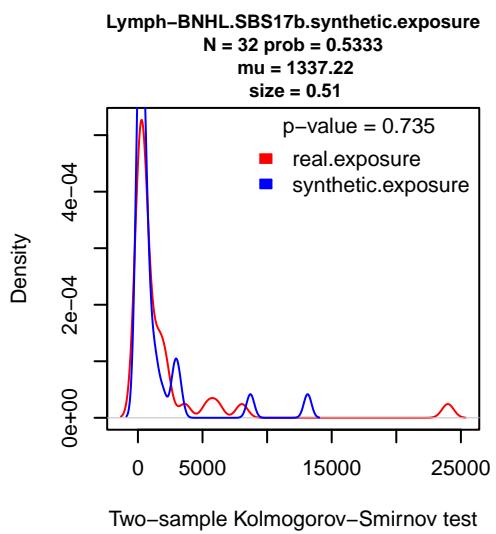
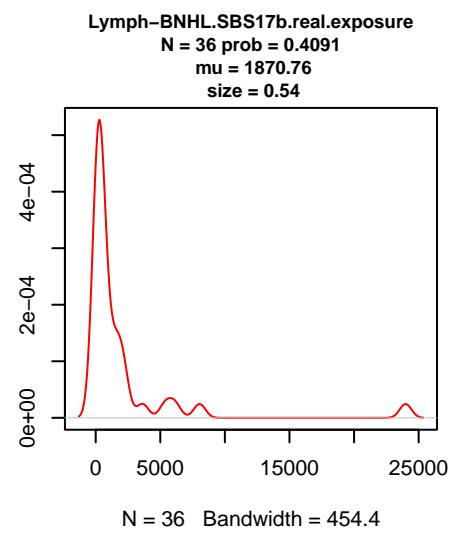
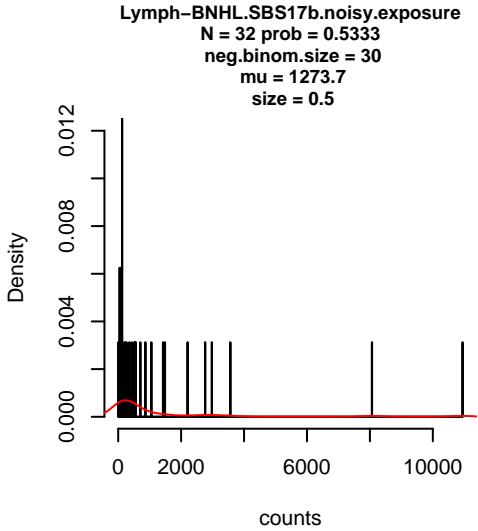
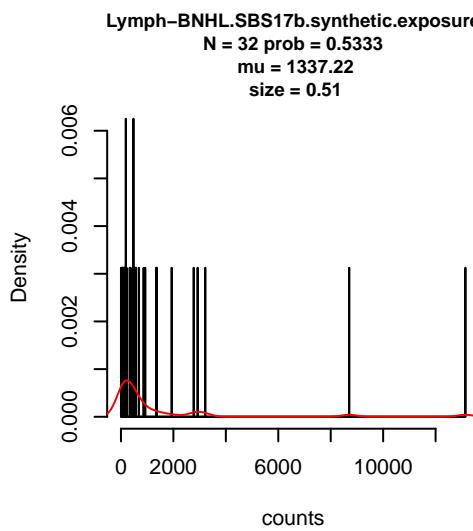
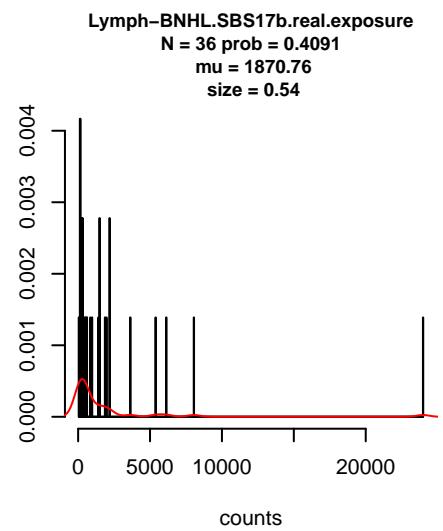
N = 23 prob = 0.3833  
neg.binom.size = 30  
mu = 423.17  
size = 0.51



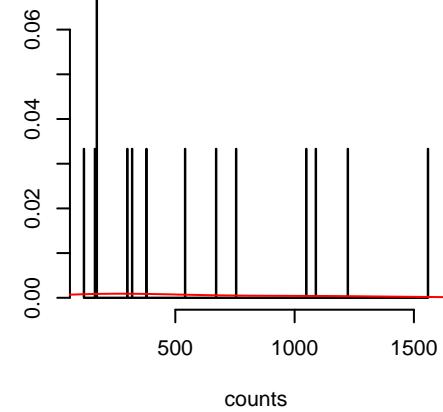
Lymph-BNHL.SBS17a.noisy.exposure

N = 23 prob = 0.3833  
neg.binom.size = 30  
mu = 423.17  
size = 0.51

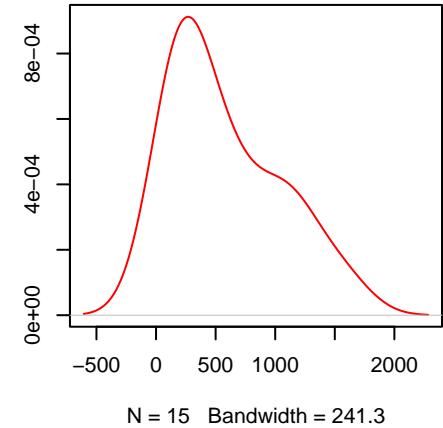




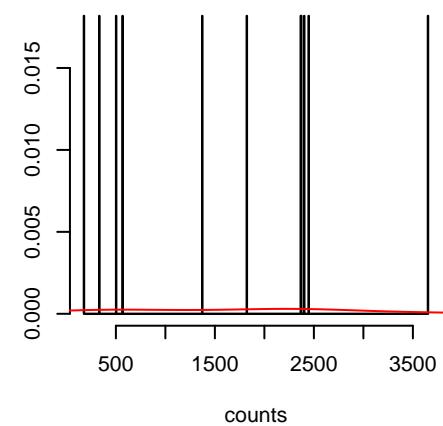
Lymph-BNHL.SBS36.real.exposure  
N = 15 prob = 0.1705  
mu = 578.91  
size = 1.69



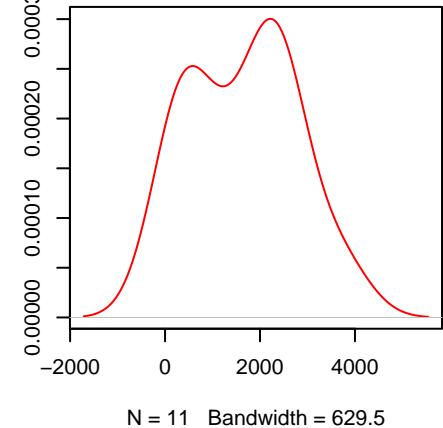
Lymph-BNHL.SBS36.real.exposure  
N = 15 prob = 0.1705  
mu = 578.91  
size = 1.69



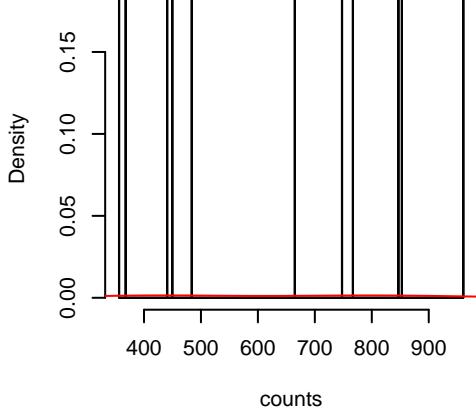
Lymph-BNHL.SBS36.real.exposure  
N = 11 prob = 0.125  
mu = 1638.41  
size = 1.59



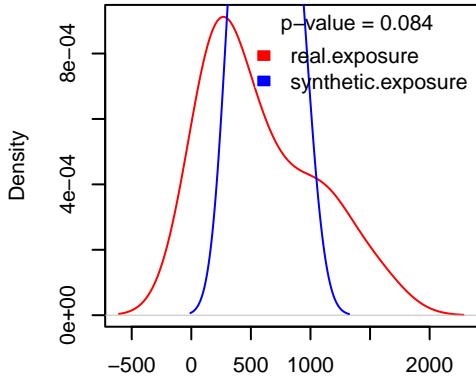
Lymph-BNHL.SBS36.real.exposure  
N = 11 prob = 0.125  
mu = 1638.41  
size = 1.59



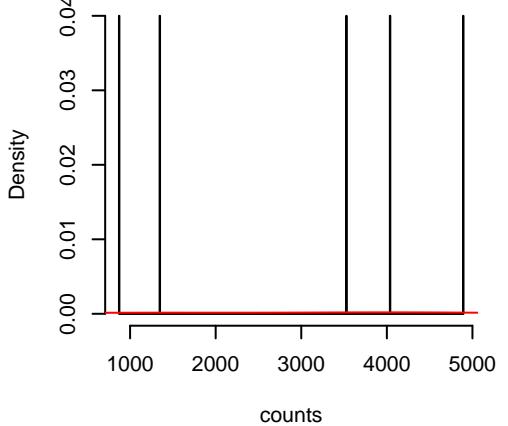
Lymph-BNHL.SBS36.synthetic.exposure  
N = 11 prob = 0.1833  
mu = 630.84  
size = 8.92



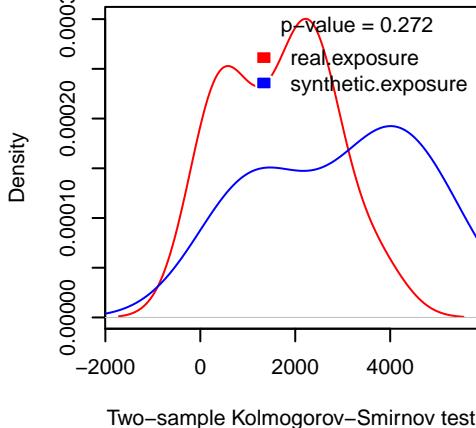
Lymph-BNHL.SBS36.synthetic.exposure  
N = 11 prob = 0.1833  
mu = 630.84  
size = 8.92



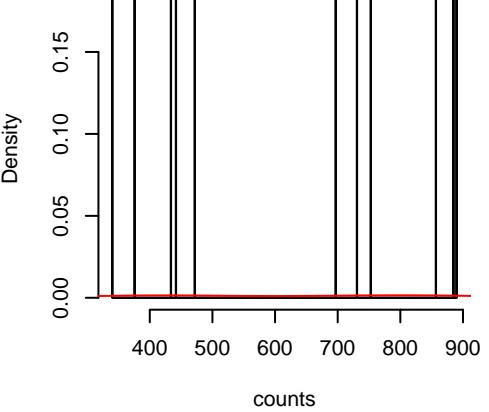
Lymph-BNHL.SBS37.synthetic.exposure  
N = 5 prob = 0.0833  
mu = 2936.69  
size = 2.71



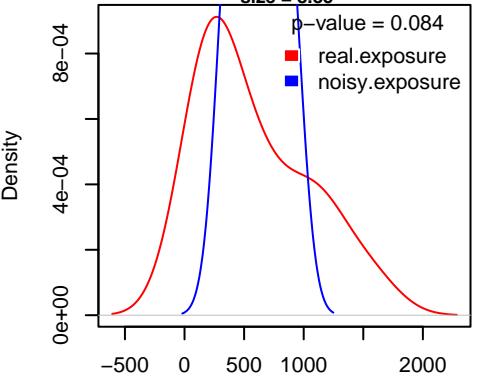
Lymph-BNHL.SBS37.synthetic.exposure  
N = 5 prob = 0.0833  
mu = 2936.69  
size = 2.71



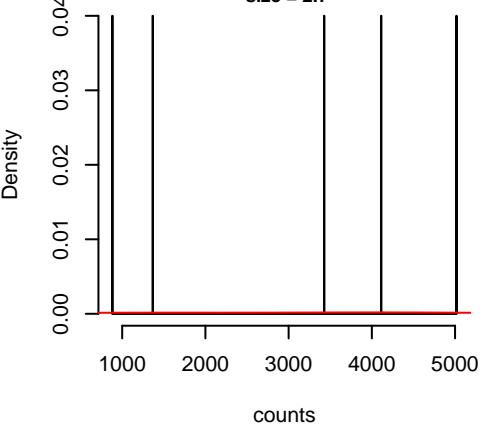
Lymph-BNHL.SBS36.noisy.exposure  
N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 625.19  
size = 8.85



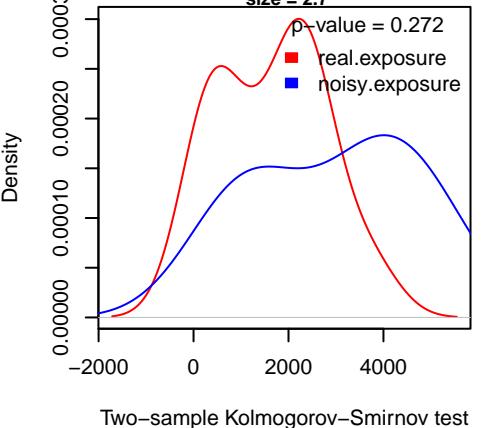
Lymph-BNHL.SBS36.noisy.exposure  
N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 625.19  
size = 8.85



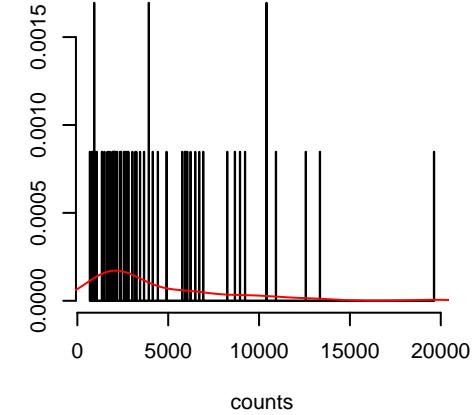
Lymph-BNHL.SBS37.noisy.exposure  
N = 5 prob = 0.0833  
neg.binom.size = 30  
mu = 2962.11  
size = 2.7



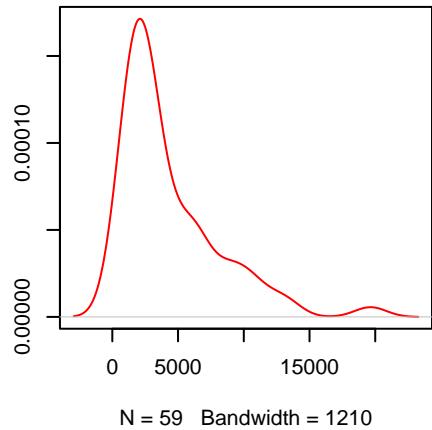
Lymph-BNHL.SBS37.noisy.exposure  
N = 5 prob = 0.0833  
neg.binom.size = 30  
mu = 2962.11  
size = 2.7



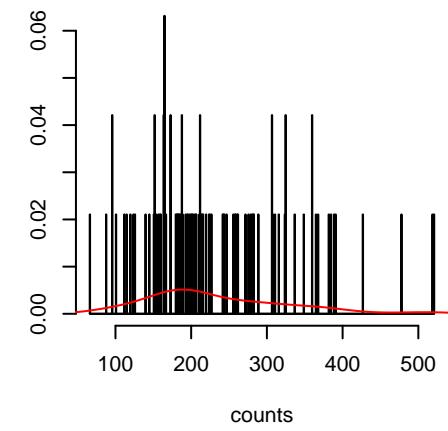
Lymph-BNHL.SBS40.real.exposure  
 N = 59 prob = 0.6705  
 mu = 4332.76  
 size = 1.68



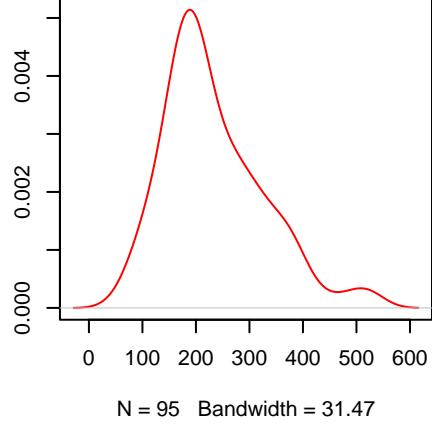
Lymph-BNHL.SBS40.real.exposure  
 N = 59 prob = 0.6705  
 mu = 4332.76  
 size = 1.68



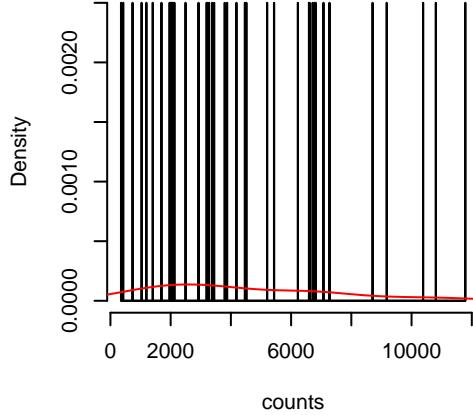
Lymph-CLL.SBS1.real.exposure  
 N = 95 prob = 1  
 mu = 233.27  
 size = 6.77



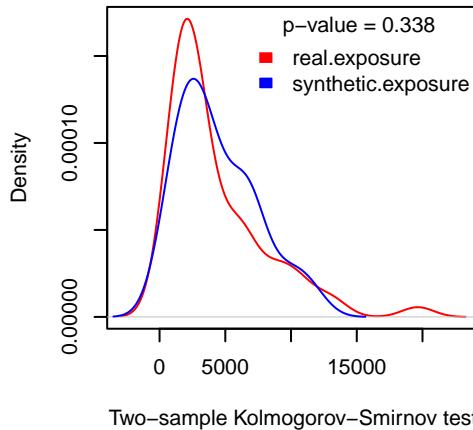
Lymph-CLL.SBS1.real.exposure  
 N = 95 prob = 1  
 mu = 233.27  
 size = 6.77



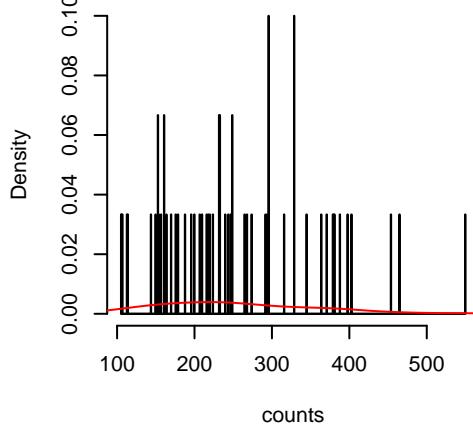
Lymph-BNHL.SBS40.synthetic.exposure  
 N = 40 prob = 0.6667  
 mu = 4434.37  
 size = 1.94



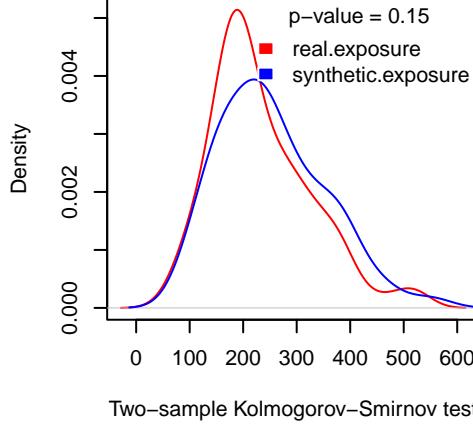
Lymph-BNHL.SBS40.synthetic.exposure  
 N = 40 prob = 0.6667  
 mu = 4434.37  
 size = 1.94



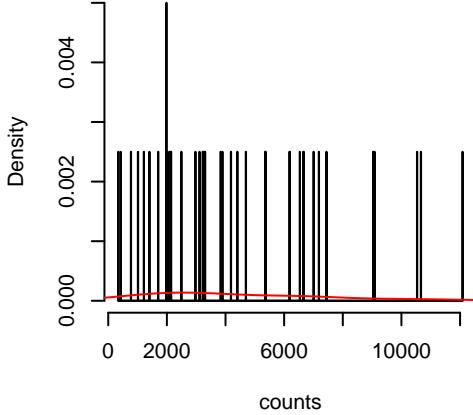
Lymph-CLL.SBS1.synthetic.exposure  
 N = 60 prob = 1  
 mu = 253.6  
 size = 6.94



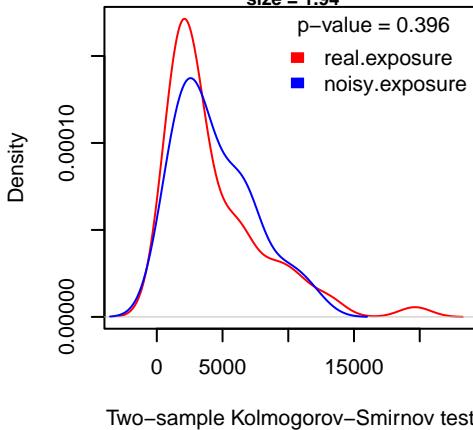
Lymph-CLL.SBS1.synthetic.exposure  
 N = 60 prob = 1  
 mu = 253.6  
 size = 6.94



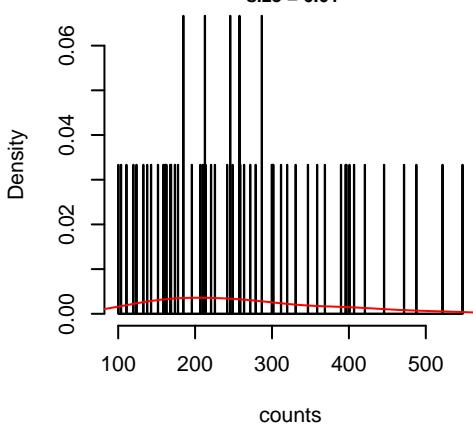
Lymph-BNHL.SBS40.noisy.exposure  
 N = 40 prob = 0.6667  
 neg.binom.size = 30  
 mu = 4446.76  
 size = 1.94



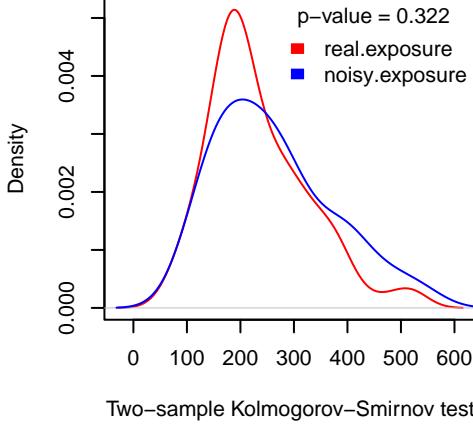
Lymph-BNHL.SBS40.noisy.exposure  
 N = 40 prob = 0.6667  
 neg.binom.size = 30  
 mu = 4446.76  
 size = 1.94



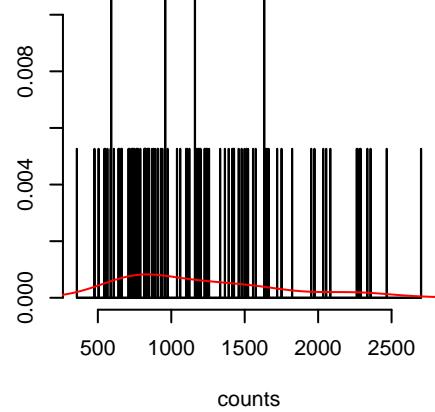
Lymph-CLL.SBS1.noisy.exposure  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 261.94  
 size = 6.01



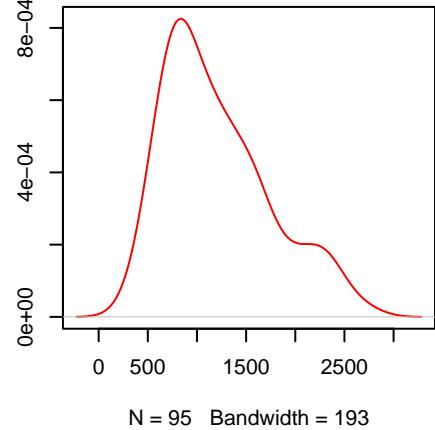
Lymph-CLL.SBS1.noisy.exposure  
 N = 60 prob = 1  
 neg.binom.size = 30  
 mu = 261.94  
 size = 6.01



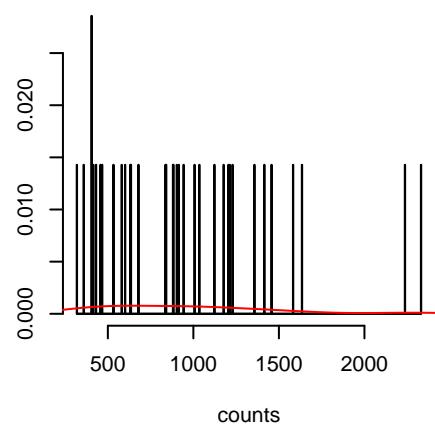
Lymph-CLL.SBS5.real.exposure  
N = 95 prob = 1  
mu = 1205.82  
size = 5.4



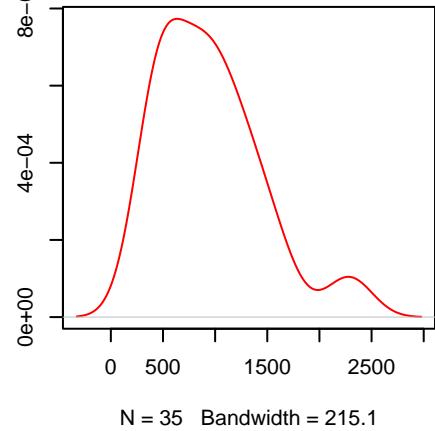
Lymph-CLL.SBS5.real.exposure  
N = 95 prob = 1  
mu = 1205.82  
size = 5.4



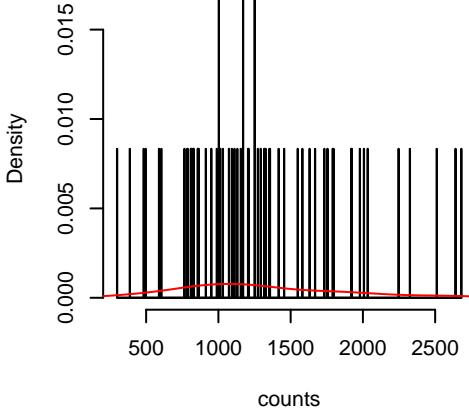
Lymph-CLL.SBS9.real.exposure  
N = 35 prob = 0.3684  
mu = 946.66  
size = 3.97



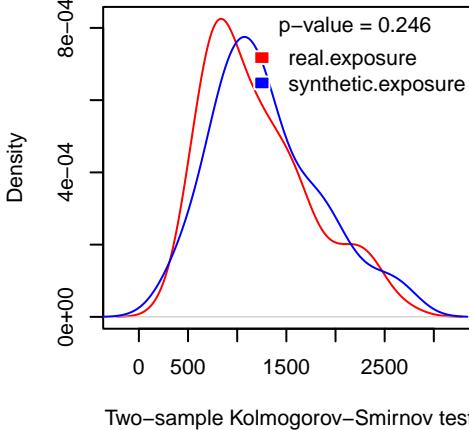
Lymph-CLL.SBS9.real.exposure  
N = 35 prob = 0.3684  
mu = 946.66  
size = 3.97



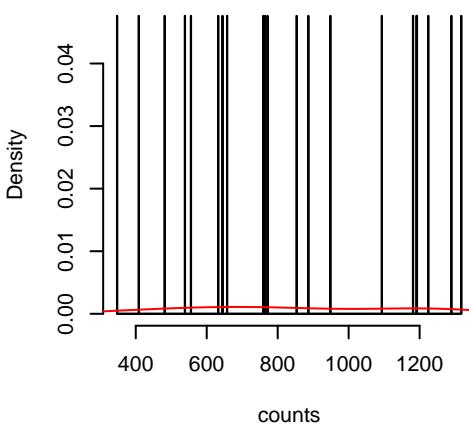
Lymph-CLL.SBS5.synthetic.exposure  
N = 60 prob = 1  
mu = 1289.43  
size = 5.37



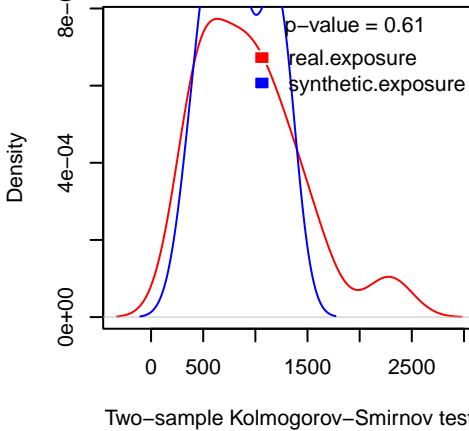
Lymph-CLL.SBS5.synthetic.exposure  
N = 60 prob = 1  
mu = 1289.43  
size = 5.37



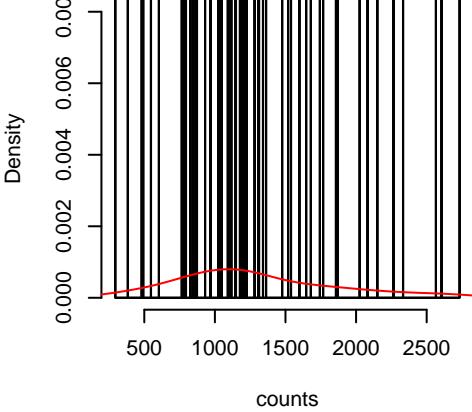
Lymph-CLL.SBS9.synthetic.exposure  
N = 21 prob = 0.35  
mu = 845.21  
size = 7.43



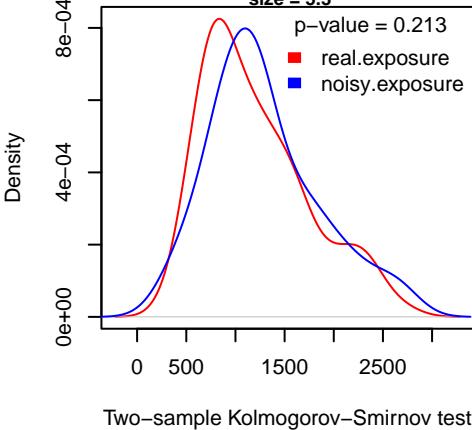
Lymph-CLL.SBS9.synthetic.exposure  
N = 21 prob = 0.35  
mu = 845.21  
size = 7.43



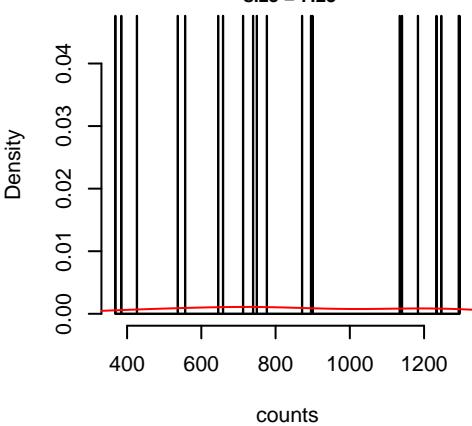
Lymph-CLL.SBS5.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 1289.84  
size = 5.3



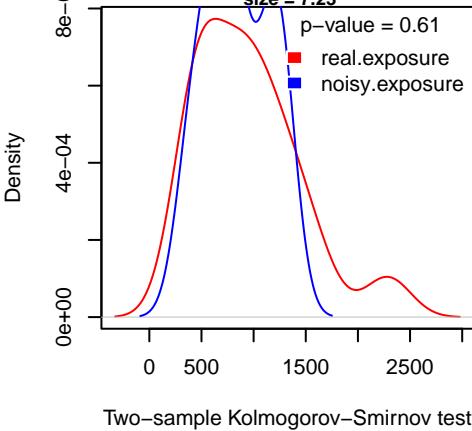
Lymph-CLL.SBS5.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 1289.84  
size = 5.3



Lymph-CLL.SBS9.noisy.exposure  
N = 21 prob = 0.35  
neg.binom.size = 30  
mu = 845.69  
size = 7.23



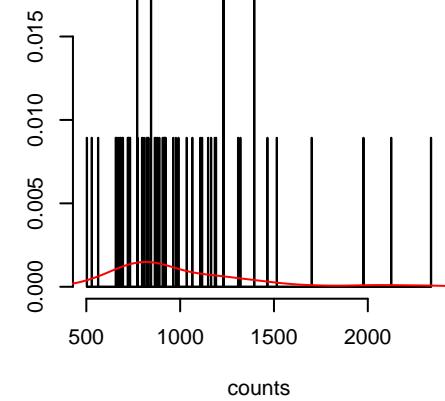
Lymph-CLL.SBS9.noisy.exposure  
N = 21 prob = 0.35  
neg.binom.size = 30  
mu = 845.69  
size = 7.23



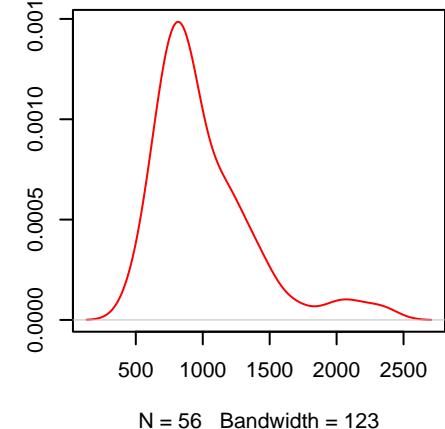
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

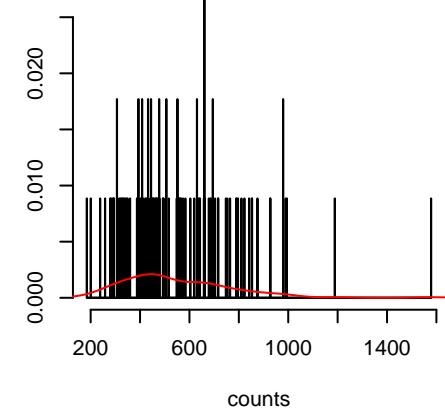
Lymph-CLL.SBS40.real.exposure  
N = 56 prob = 0.5895  
mu = 1006.6  
size = 8.85



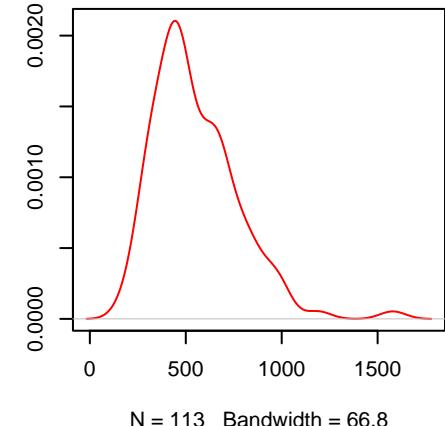
Lymph-CLL.SBS40.real.exposure  
N = 56 prob = 0.5895  
mu = 1006.6  
size = 8.85



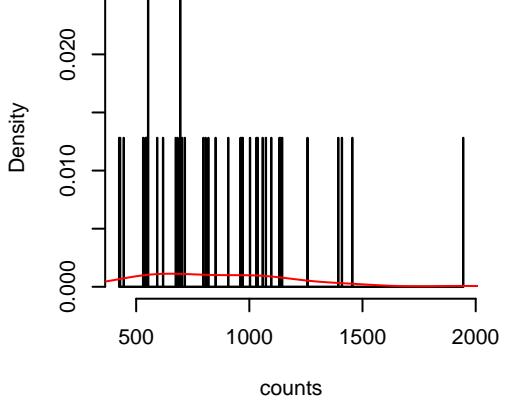
Ovary-AdenoCA.SBS1.real.exposure  
N = 113 prob = 1  
mu = 551.91  
size = 6.93



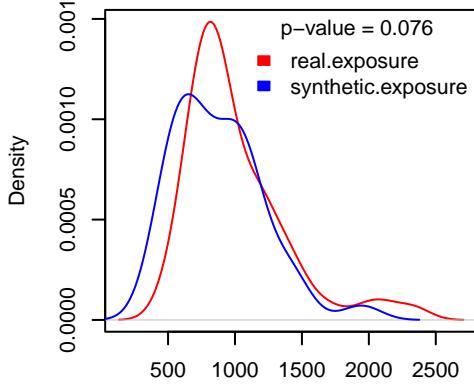
Ovary-AdenoCA.SBS1.real.exposure  
N = 113 prob = 1  
mu = 551.91  
size = 6.93



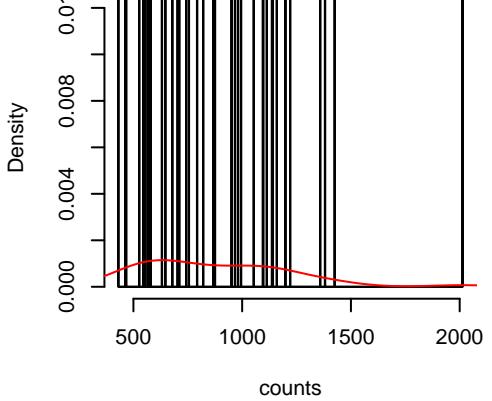
Lymph-CLL.SBS40.synthetic.exposure  
N = 39 prob = 0.65  
mu = 877.45  
size = 7.72



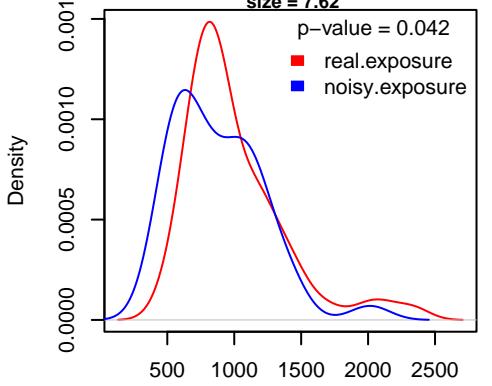
Lymph-CLL.SBS40.synthetic.exposure  
N = 39 prob = 0.65  
mu = 877.45  
size = 7.72



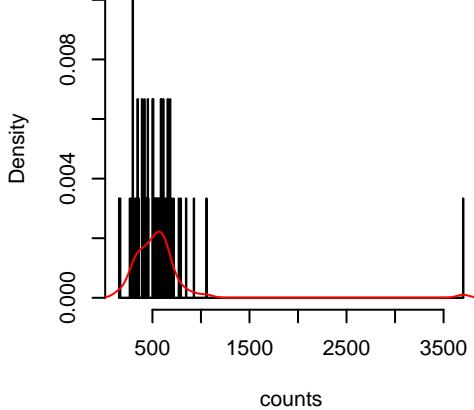
Lymph-CLL.SBS40.noisy.exposure  
N = 39 prob = 0.65  
neg.binom.size = 30  
mu = 880.75  
size = 7.62



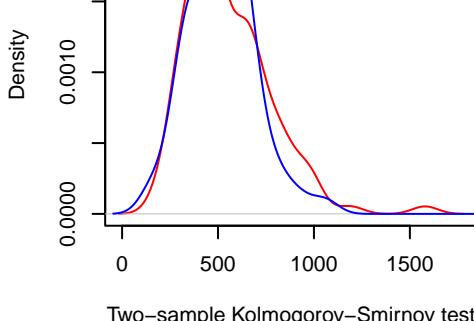
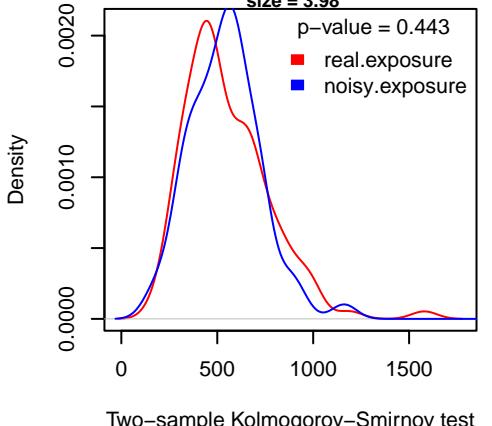
Lymph-CLL.SBS40.noisy.exposure  
N = 39 prob = 0.65  
neg.binom.size = 30  
mu = 880.75  
size = 7.62



Ovary-AdenoCA.SBS1.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 601.81  
size = 3.98



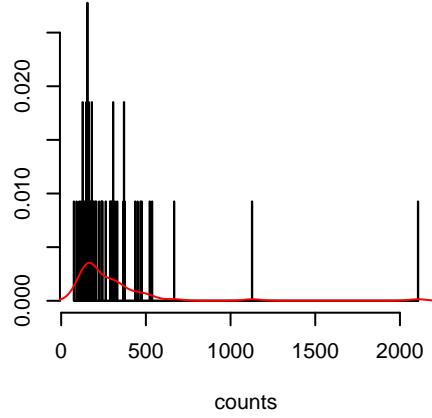
Ovary-AdenoCA.SBS1.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 601.81  
size = 3.98



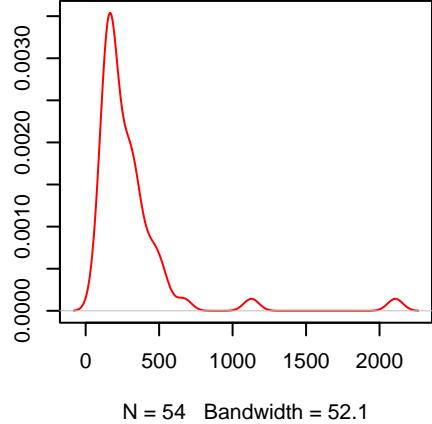
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

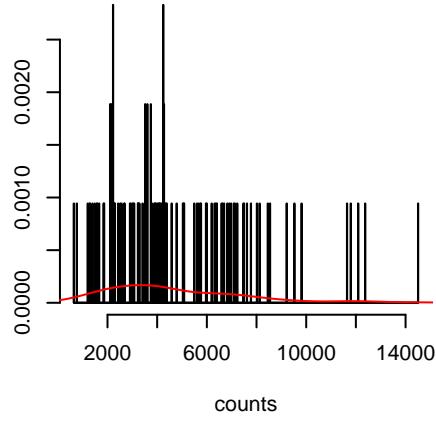
Ovary-AdenoCA.SBS2.real.exposure  
 N = 54 prob = 0.4779  
 mu = 303.96  
 size = 2.32



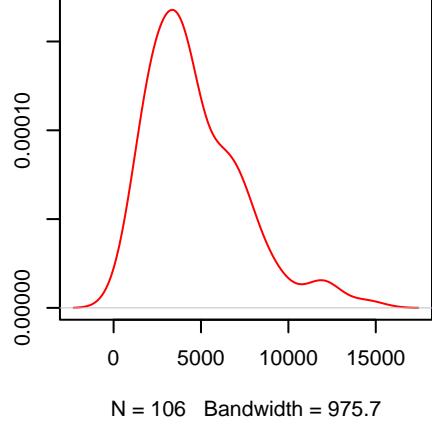
Ovary-AdenoCA.SBS2.real.exposure  
 N = 54 prob = 0.4779  
 mu = 303.96  
 size = 2.32



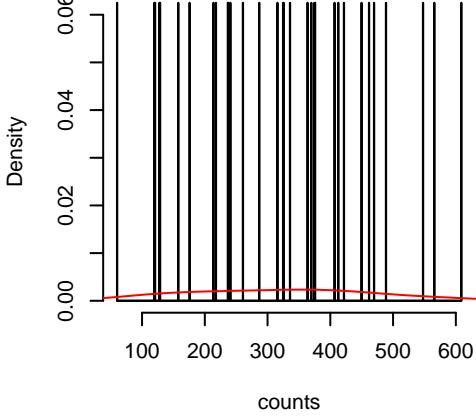
Ovary-AdenoCA.SBS3.real.exposure  
 N = 106 prob = 0.9381  
 mu = 4693.13  
 size = 3.08



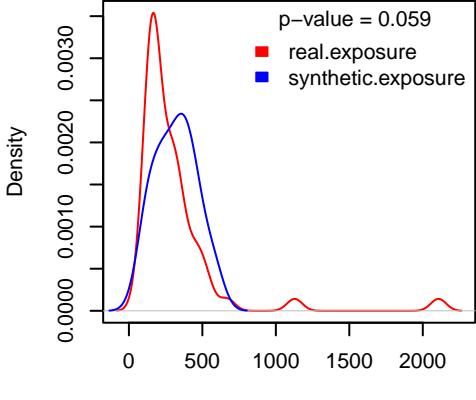
Ovary-AdenoCA.SBS3.real.exposure  
 N = 106 prob = 0.9381  
 mu = 4693.13  
 size = 3.08



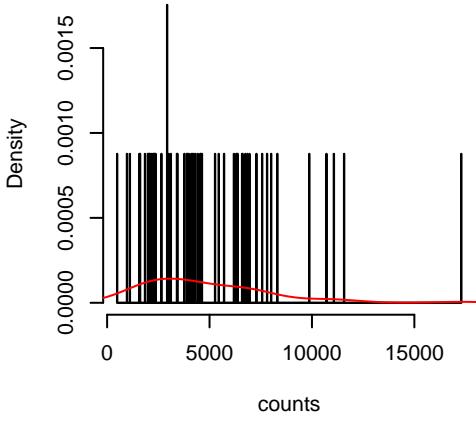
Ovary-AdenoCA.SBS2.synthetic.exposure  
 N = 32 prob = 0.5333  
 mu = 319.11  
 size = 4.3



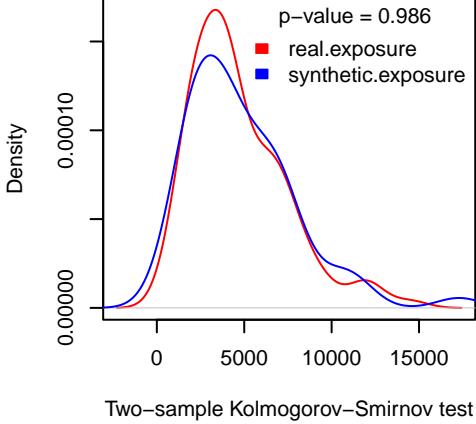
Ovary-AdenoCA.SBS2.synthetic.exposure  
 N = 32 prob = 0.5333  
 mu = 319.11  
 size = 4.3



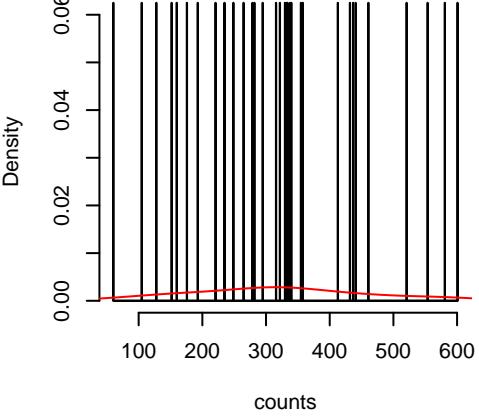
Ovary-AdenoCA.SBS3.synthetic.exposure  
 N = 57 prob = 0.95  
 mu = 4849.01  
 size = 2.61



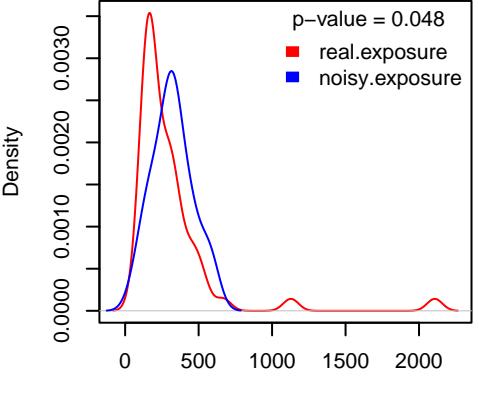
Ovary-AdenoCA.SBS3.synthetic.exposure  
 N = 57 prob = 0.95  
 mu = 4849.01  
 size = 2.61



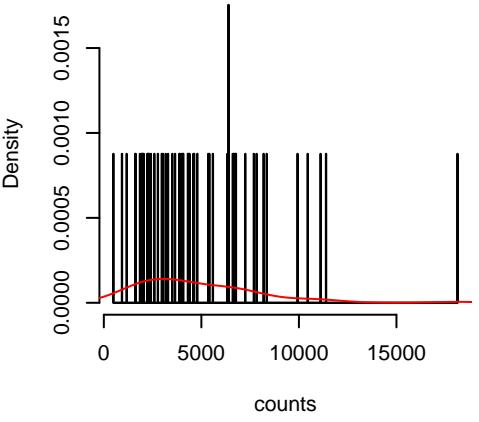
Ovary-AdenoCA.SBS2.noisy.exposure  
 N = 32 prob = 0.5333  
 neg.binom.size = 30  
 mu = 320.83  
 size = 4.78



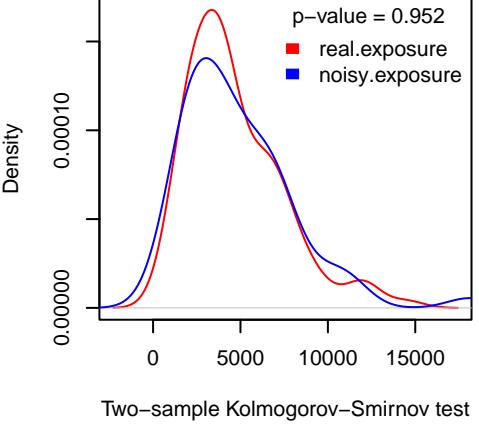
Ovary-AdenoCA.SBS2.noisy.exposure  
 N = 32 prob = 0.5333  
 neg.binom.size = 30  
 mu = 320.83  
 size = 4.78



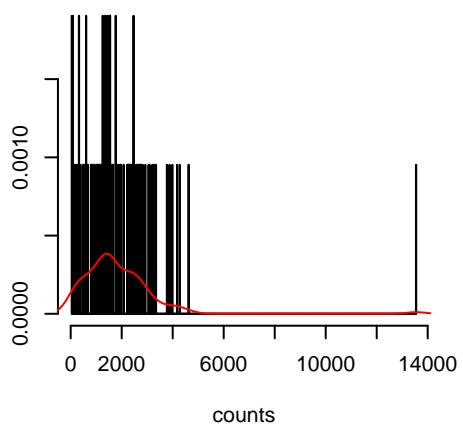
Ovary-AdenoCA.SBS3.noisy.exposure  
 N = 57 prob = 0.95  
 neg.binom.size = 30  
 mu = 4853.69  
 size = 2.57



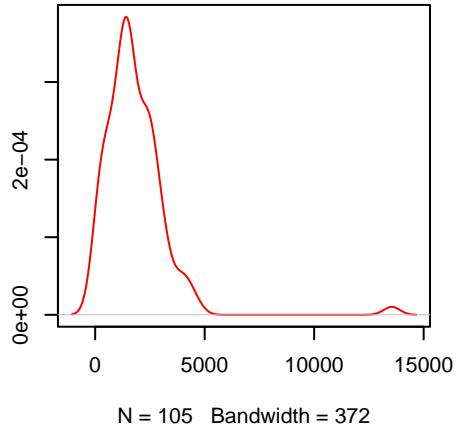
Ovary-AdenoCA.SBS3.noisy.exposure  
 N = 57 prob = 0.95  
 neg.binom.size = 30  
 mu = 4853.69  
 size = 2.57



Ovary-AdenoCA.SBS5.real.exposure  
N = 105 prob = 0.9292  
mu = 1821.64  
size = 1.66

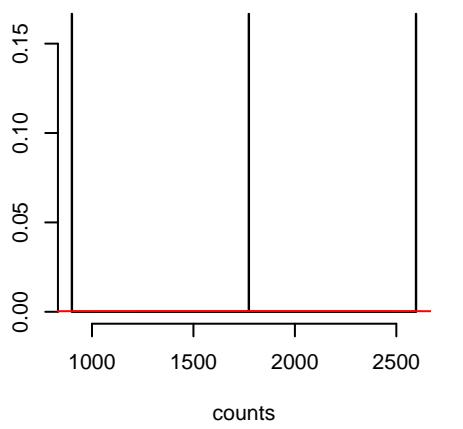


Ovary-AdenoCA.SBS5.real.exposure  
N = 105 prob = 0.9292  
mu = 1821.64  
size = 1.66

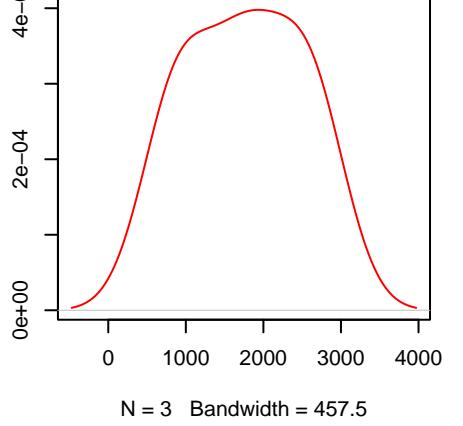


N = 105 Bandwidth = 372

Ovary-AdenoCA.SBS8.real.exposure  
N = 3 prob = 0.0265  
mu = 1757.65  
size = 5.77

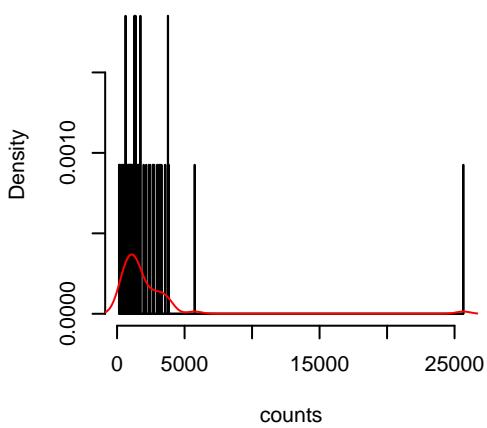


Ovary-AdenoCA.SBS8.real.exposure  
N = 3 prob = 0.0265  
mu = 1757.65  
size = 5.77

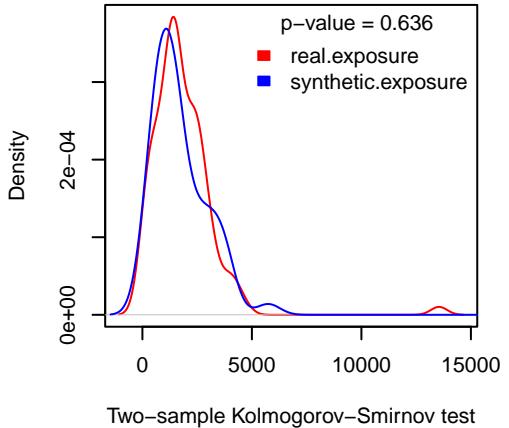


N = 3 Bandwidth = 457.5

Ovary-AdenoCA.SBS5.synthetic.exposure  
N = 54 prob = 0.9  
mu = 2151.35  
size = 1.27

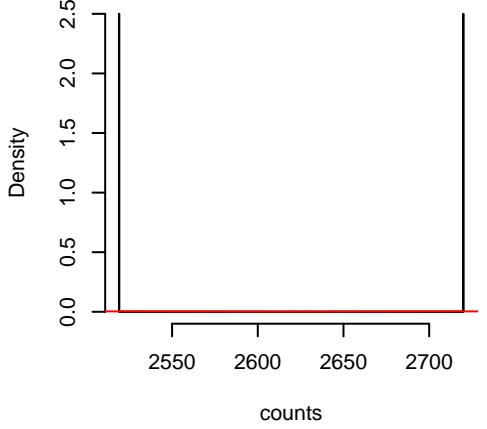


Ovary-AdenoCA.SBS5.synthetic.exposure  
N = 54 prob = 0.9  
mu = 2151.35  
size = 1.27

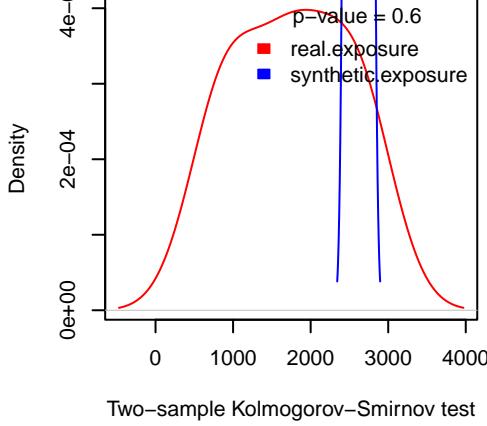


Two-sample Kolmogorov-Smirnov test

Ovary-AdenoCA.SBS8.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 2619.5  
size = 917.26

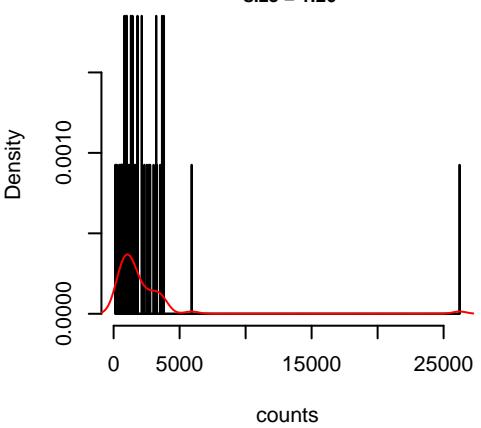


Ovary-AdenoCA.SBS8.synthetic.exposure  
N = 2 prob = 0.0333  
mu = 2619.5  
size = 917.26

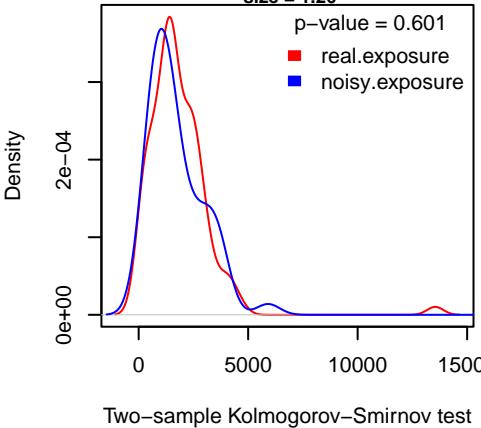


Two-sample Kolmogorov-Smirnov test

Ovary-AdenoCA.SBS5.noisy.exposure  
N = 54 prob = 0.9  
neg.binom.size = 30  
mu = 2165.52  
size = 1.26

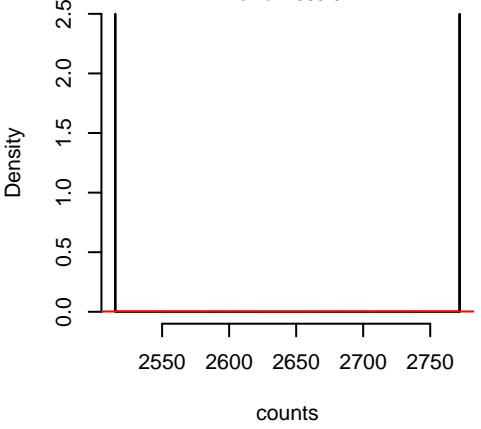


Ovary-AdenoCA.SBS5.noisy.exposure  
N = 54 prob = 0.9  
neg.binom.size = 30  
mu = 2165.52  
size = 1.26

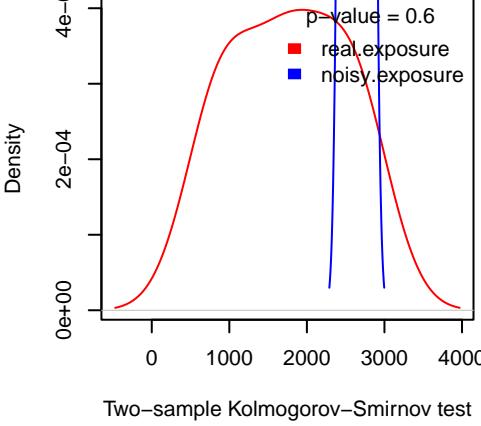


Two-sample Kolmogorov-Smirnov test

Ovary-AdenoCA.SBS8.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 2643.47  
size = 503.6

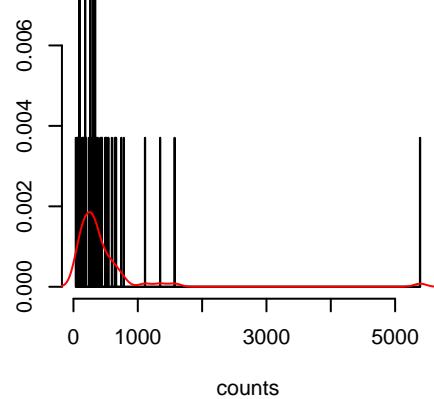


Ovary-AdenoCA.SBS8.noisy.exposure  
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 2643.47  
size = 503.6

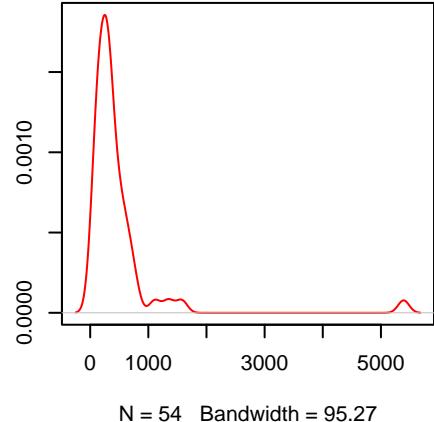


Two-sample Kolmogorov-Smirnov test

Ovary–AdenoCA.SBS13.real.exposure  
N = 54 prob = 0.4779  
mu = 468.63  
size = 1.26

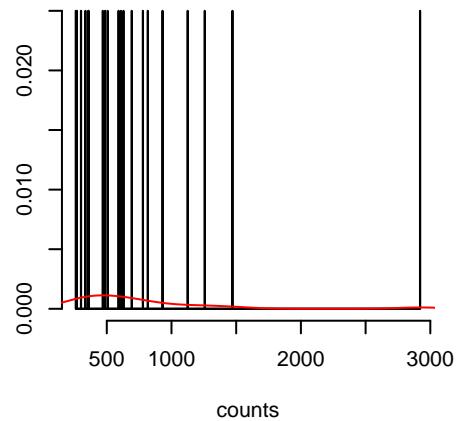


Ovary–AdenoCA.SBS13.real.exposure  
N = 54 prob = 0.4779  
mu = 468.63  
size = 1.26



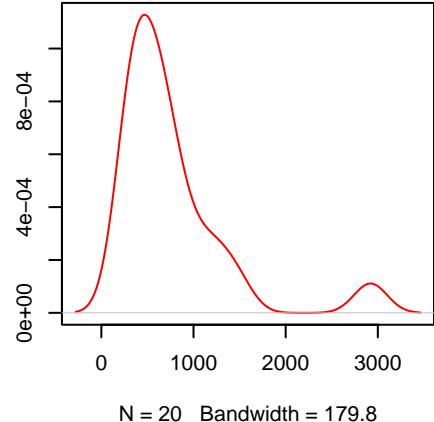
N = 54 Bandwidth = 95.27

Ovary–AdenoCA.SBS18.real.exposure  
N = 20 prob = 0.177  
mu = 758.84  
size = 2.54



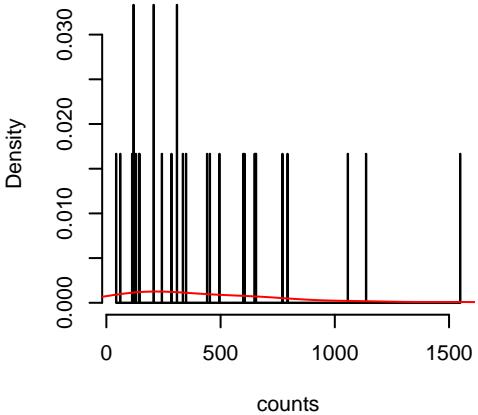
counts

Ovary–AdenoCA.SBS18.real.exposure  
N = 20 prob = 0.177  
mu = 758.84  
size = 2.54

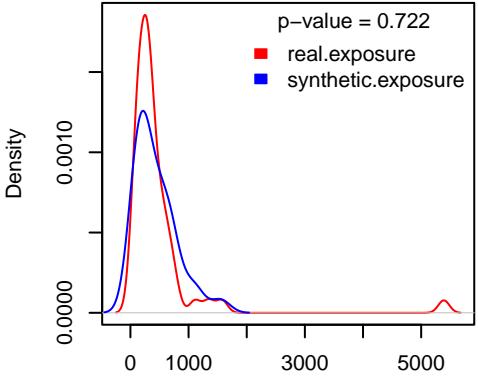


N = 20 Bandwidth = 179.8

Ovary–AdenoCA.SBS13.synthetic.exposure  
N = 30 prob = 0.5  
mu = 436.74  
size = 1.6

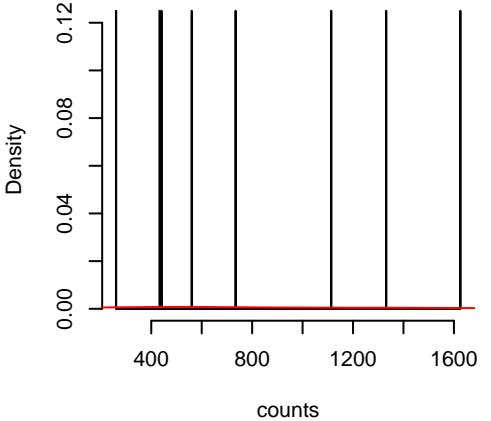


Ovary–AdenoCA.SBS13.synthetic.exposure  
N = 30 prob = 0.5  
mu = 436.74  
size = 1.6



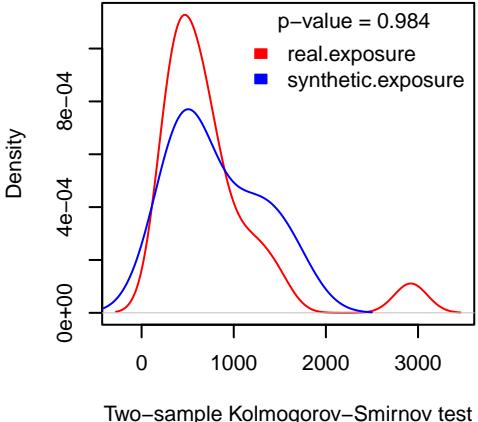
Two-sample Kolmogorov–Smirnov test

Ovary–AdenoCA.SBS18.synthetic.exposure  
N = 8 prob = 0.1333  
mu = 812.79  
size = 3.14



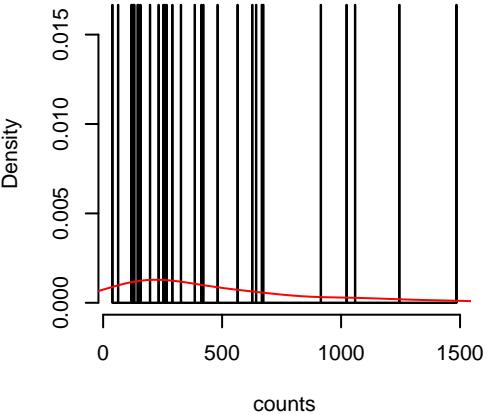
counts

Ovary–AdenoCA.SBS18.synthetic.exposure  
N = 8 prob = 0.1333  
mu = 812.79  
size = 3.14

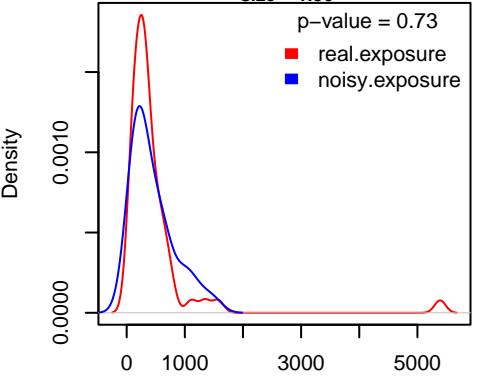


Two-sample Kolmogorov–Smirnov test

Ovary–AdenoCA.SBS13.noisy.exposure  
N = 30 prob = 0.5  
neg.binom.size = 30  
mu = 449.72  
size = 1.56

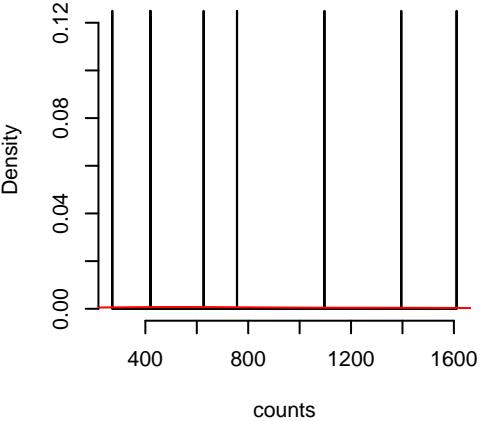


Ovary–AdenoCA.SBS13.noisy.exposure  
N = 30 prob = 0.5  
neg.binom.size = 30  
mu = 449.72  
size = 1.56



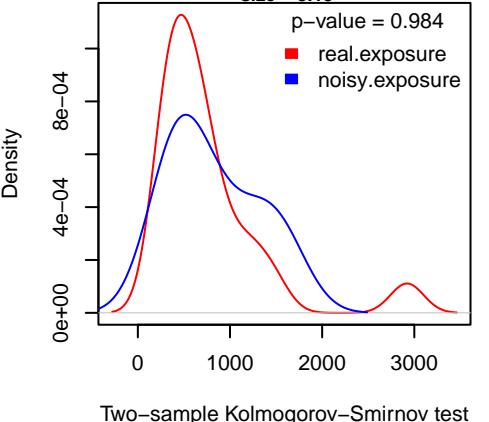
Two-sample Kolmogorov–Smirnov test

Ovary–AdenoCA.SBS18.noisy.exposure  
N = 8 prob = 0.1333  
neg.binom.size = 30  
mu = 825.04  
size = 3.15



counts

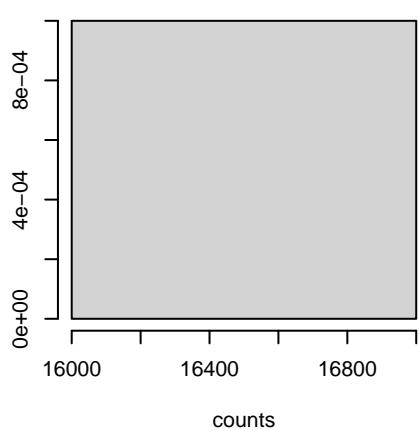
Ovary–AdenoCA.SBS18.noisy.exposure  
N = 8 prob = 0.1333  
neg.binom.size = 30  
mu = 825.04  
size = 3.15



Two-sample Kolmogorov–Smirnov test

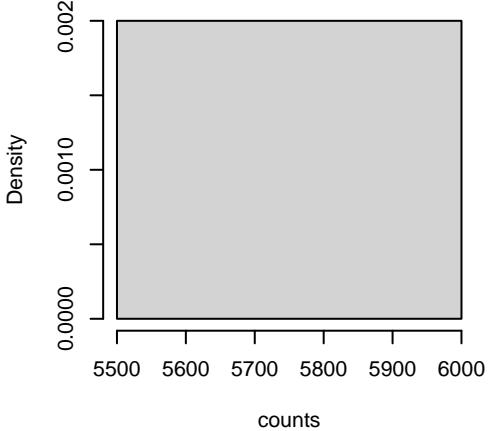
Ovary-AdenoCA.SBS26.real.exposure

N = 1 prob = 0.0088  
mu = 16961  
size = 0.7



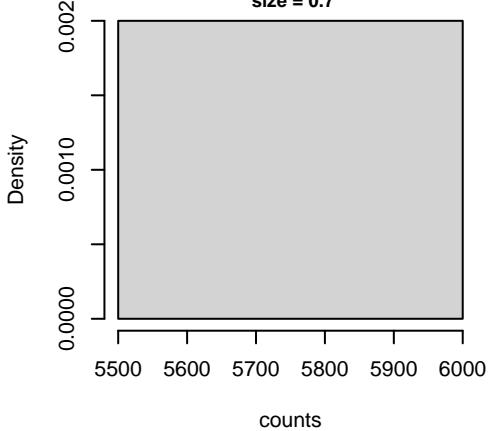
Ovary-AdenoCA.SBS26.synthetic.exposure

N = 1 prob = 0.0167  
mu = 5735  
size = 0.7



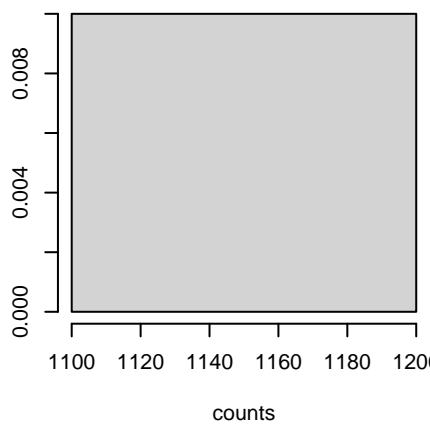
Ovary-AdenoCA.SBS26.noisy.exposure

N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 5621  
size = 0.7



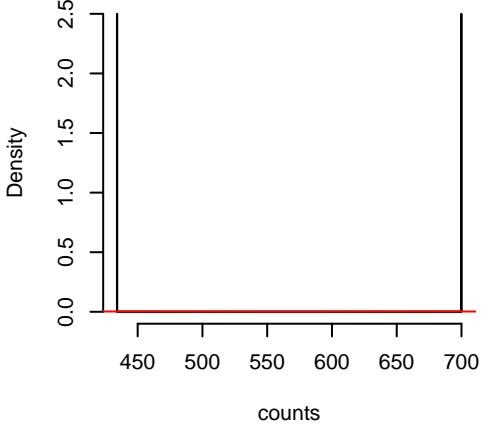
Ovary-AdenoCA.SBS39.real.exposure

N = 1 prob = 0.0088  
mu = 1189  
size = 1.48



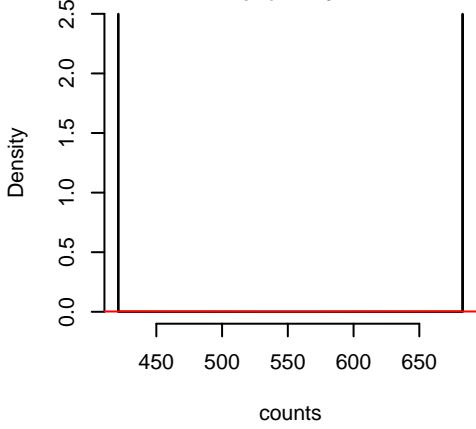
Ovary-AdenoCA.SBS39.synthetic.exposure

N = 2 prob = 0.0333  
mu = 567.08  
size = 18.42

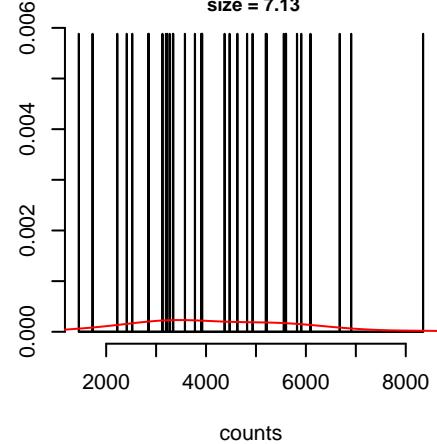


Ovary-AdenoCA.SBS39.noisy.exposure

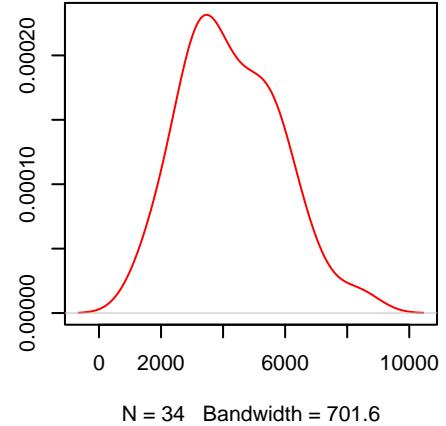
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 551.96  
size = 17.97



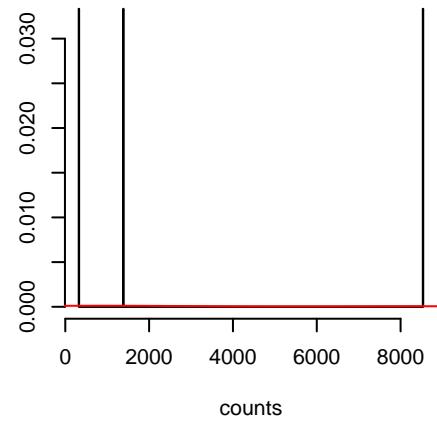
Ovary–AdenoCA.SBS40.real.exposure  
N = 34 prob = 0.3009  
mu = 4258.27  
size = 7.13



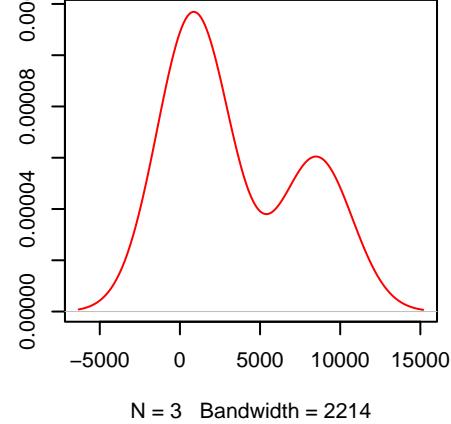
Ovary–AdenoCA.SBS40.real.exposure  
N = 34 prob = 0.3009  
mu = 4258.27  
size = 7.13



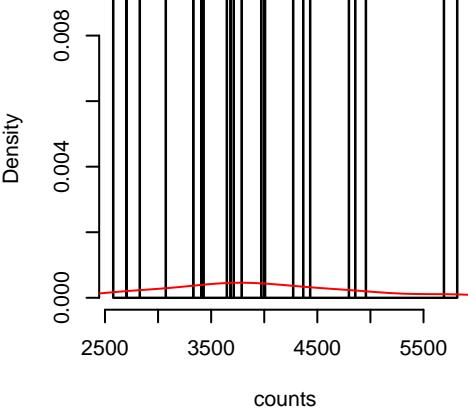
Ovary–AdenoCA.SBS41.real.exposure  
N = 3 prob = 0.0265  
mu = 3414.14  
size = 0.77



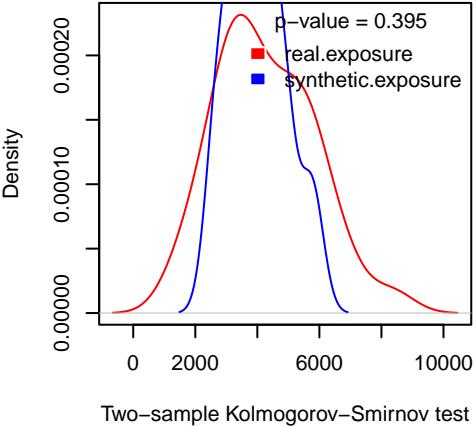
Ovary–AdenoCA.SBS41.real.exposure  
N = 3 prob = 0.0265  
mu = 3414.14  
size = 0.77



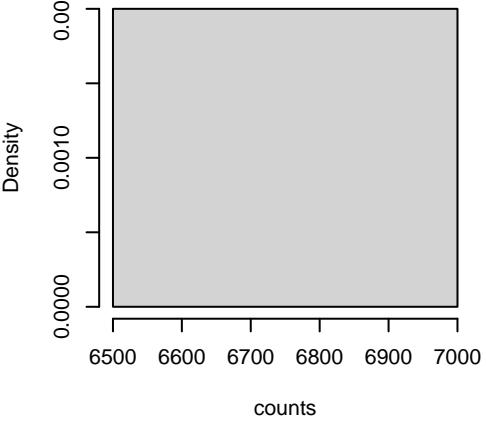
Ovary–AdenoCA.SBS40.synthetic.exposure  
N = 22 prob = 0.3667  
mu = 3971.7  
size = 21.76



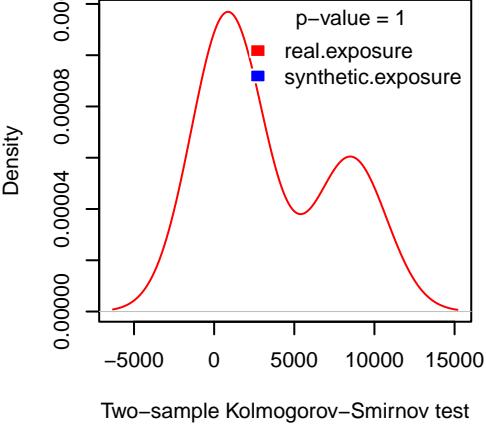
Ovary–AdenoCA.SBS40.synthetic.exposure  
N = 22 prob = 0.3667  
mu = 3971.7  
size = 21.76



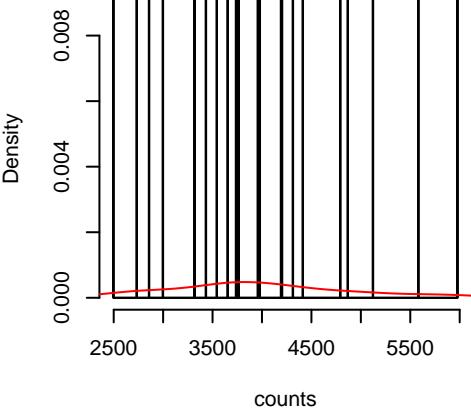
Ovary–AdenoCA.SBS41.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 6734  
size = 1.09



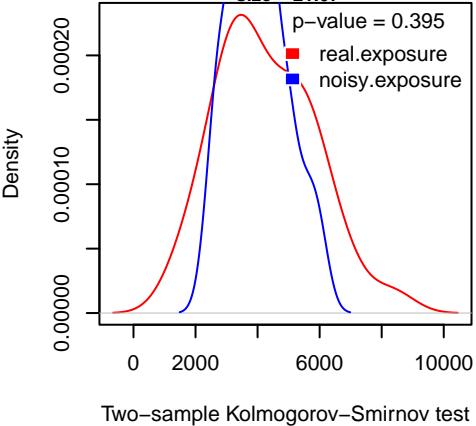
Ovary–AdenoCA.SBS41.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 6734  
size = 1.09



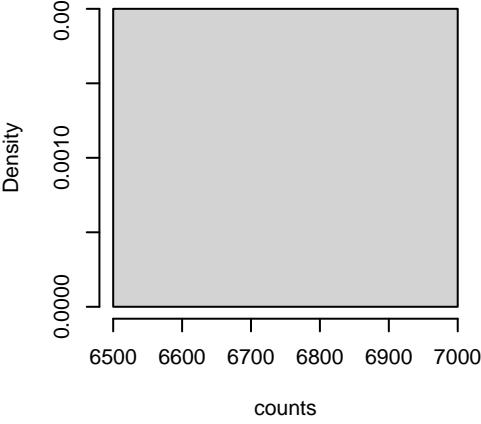
Ovary–AdenoCA.SBS40.noisy.exposure  
N = 22 prob = 0.3667  
neg.binom.size = 30  
mu = 3985.48  
size = 21.07



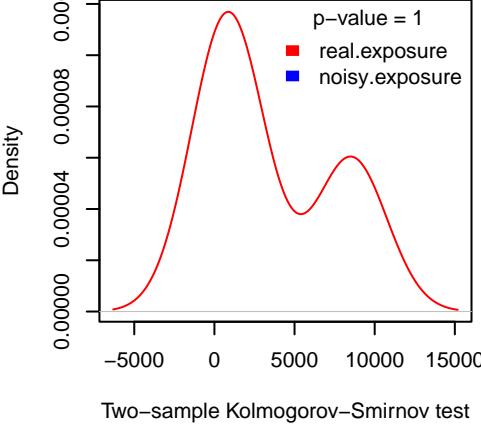
Ovary–AdenoCA.SBS40.noisy.exposure  
N = 22 prob = 0.3667  
neg.binom.size = 30  
mu = 3985.48  
size = 21.07



Ovary–AdenoCA.SBS41.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 6607  
size = 1.09

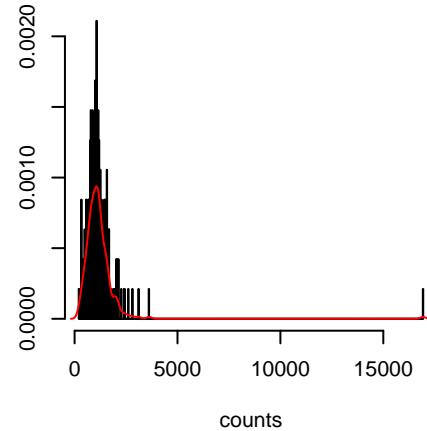


Ovary–AdenoCA.SBS41.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 6607  
size = 1.09

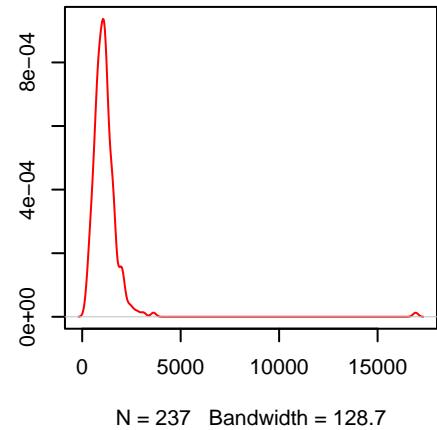


**Panc–AdenoCA.SBS1.real.exposure**

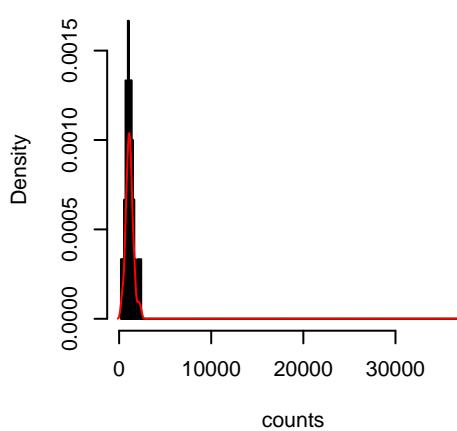
N = 237 prob = 1  
mu = 1193.21  
size = 3.66

**Panc–AdenoCA.SBS1.real.exposure**

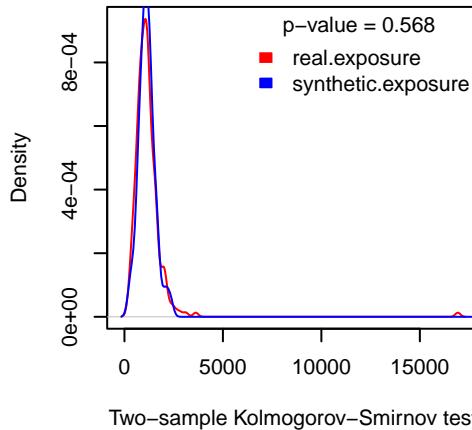
N = 237 prob = 1  
mu = 1193.21  
size = 3.66

**Panc–AdenoCA.SBS1.synthetic.exposure**

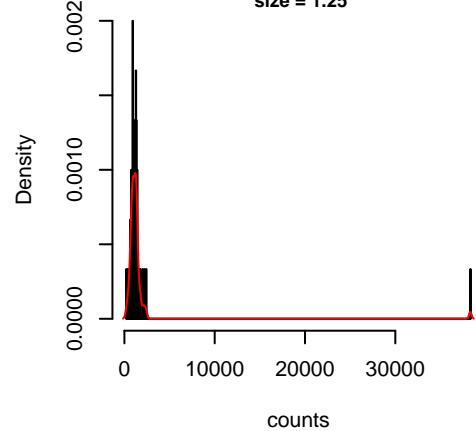
N = 60 prob = 1  
mu = 1744.56  
size = 1.27

**Panc–AdenoCA.SBS1.synthetic.exposure**

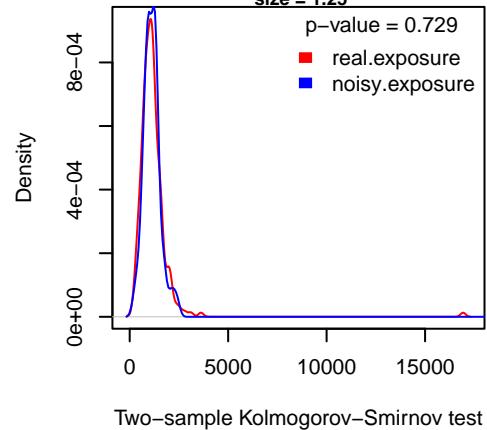
N = 60 prob = 1  
mu = 1744.56  
size = 1.27

**Panc–AdenoCA.SBS1.noisy.exposure**

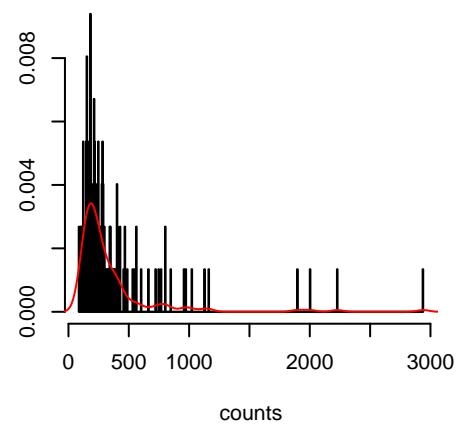
N = 60 prob = 1  
neg.binom.size = 30  
mu = 1748.28  
size = 1.25

**Panc–AdenoCA.SBS1.noisy.exposure**

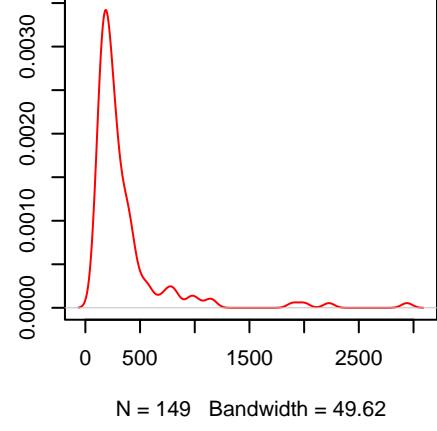
N = 60 prob = 1  
neg.binom.size = 30  
mu = 1748.28  
size = 1.25

**Panc–AdenoCA.SBS2.real.exposure**

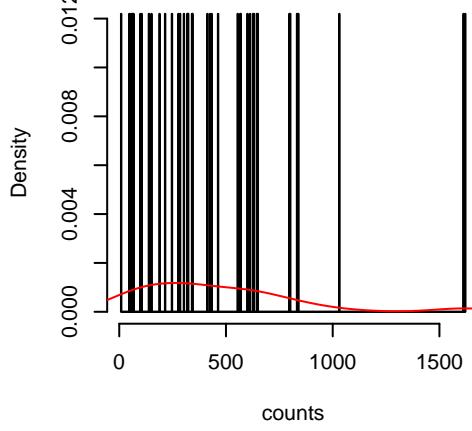
N = 149 prob = 0.6287  
mu = 353.73  
size = 1.94

**Panc–AdenoCA.SBS2.real.exposure**

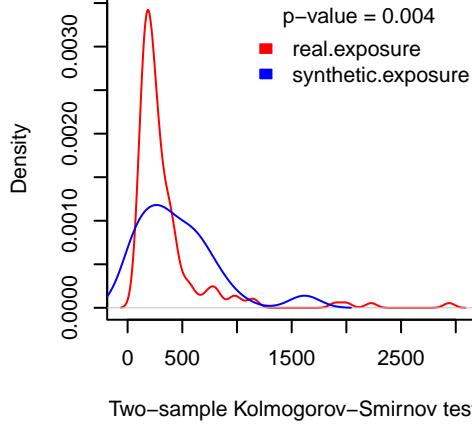
N = 149 prob = 0.6287  
mu = 353.73  
size = 1.94

**Panc–AdenoCA.SBS2.synthetic.exposure**

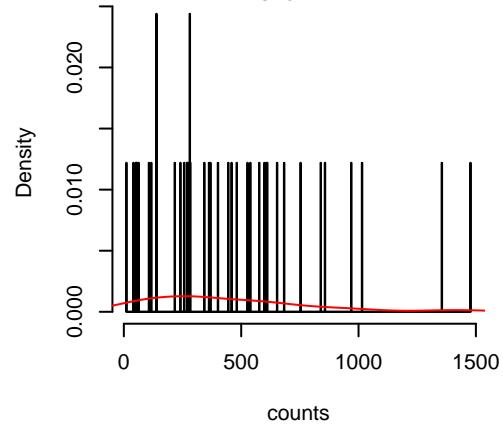
N = 41 prob = 0.6833  
mu = 456.28  
size = 1.38

**Panc–AdenoCA.SBS2.synthetic.exposure**

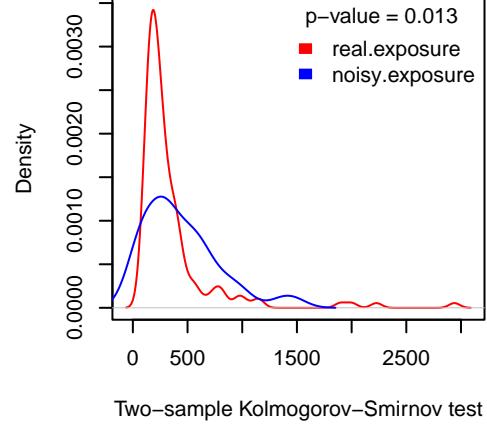
N = 41 prob = 0.6833  
mu = 456.28  
size = 1.38

**Panc–AdenoCA.SBS2.noisy.exposure**

N = 41 prob = 0.6833  
neg.binom.size = 30  
mu = 441.34  
size = 1.4

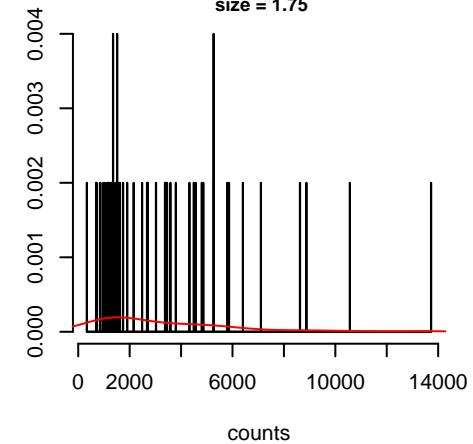
**Panc–AdenoCA.SBS2.noisy.exposure**

N = 41 prob = 0.6833  
neg.binom.size = 30  
mu = 441.34  
size = 1.4



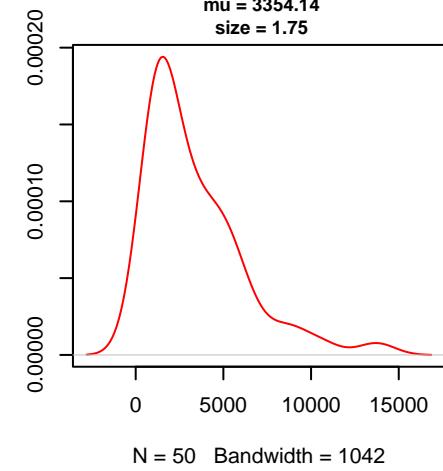
## Panc-AdenoCA.SBS3.real.exposure

N = 50 prob = 0.211  
mu = 3354.14  
size = 1.75



## Panc-AdenoCA.SBS3.real.exposure

N = 50 prob = 0.211  
mu = 3354.14  
size = 1.75

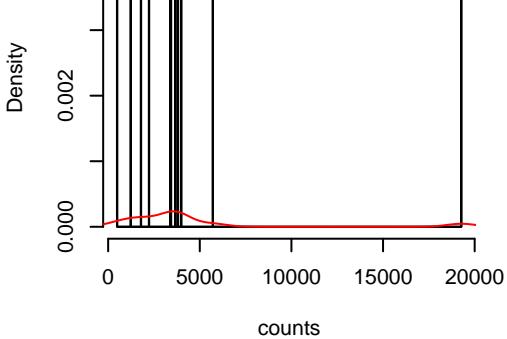


## Panc-AdenoCA.SBS3.synthetic.exposure

N = 11 prob = 0.1833  
mu = 4458.82  
size = 1.4

## Panc-AdenoCA.SBS3.synthetic.exposure

N = 11 prob = 0.1833  
mu = 4458.82  
size = 1.4

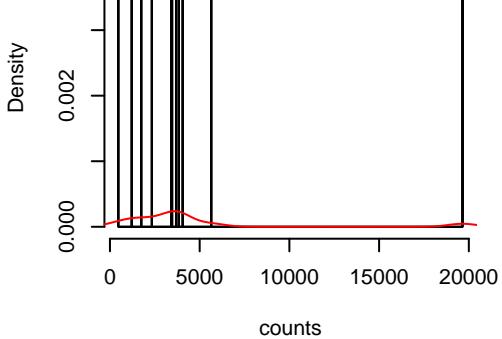


## Panc-AdenoCA.SBS3.noisy.exposure

N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 4502.64  
size = 1.37

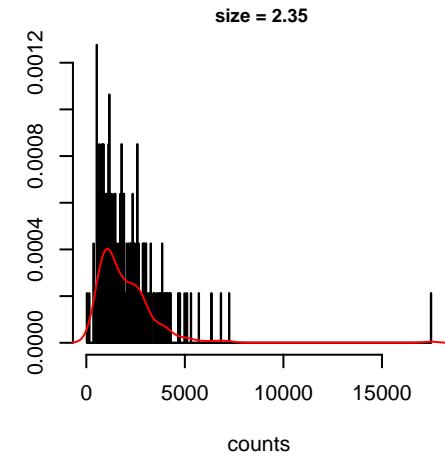
## Panc-AdenoCA.SBS3.noisy.exposure

N = 11 prob = 0.1833  
neg.binom.size = 30  
mu = 4502.64  
size = 1.37



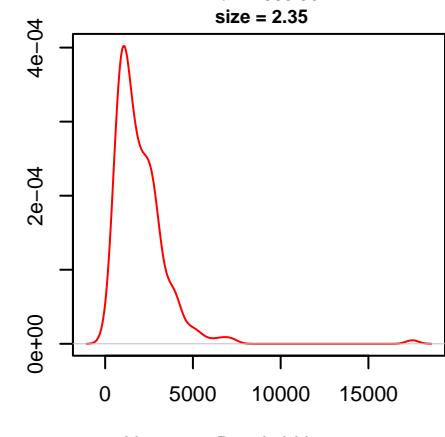
## Panc-AdenoCA.SBS5.real.exposure

N = 235 prob = 0.9916  
mu = 2003.38  
size = 2.35



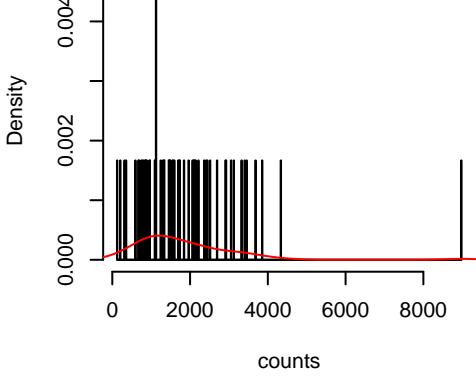
## Panc-AdenoCA.SBS5.real.exposure

N = 235 prob = 0.9916  
mu = 2003.38  
size = 2.35



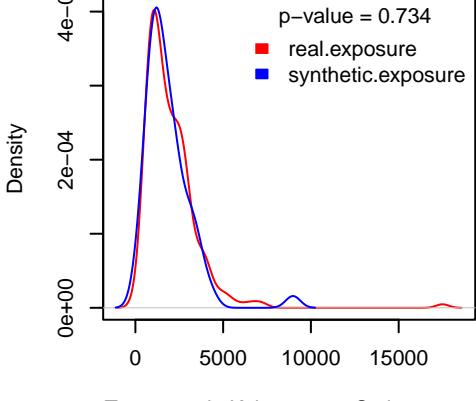
## Panc-AdenoCA.SBS5.synthetic.exposure

N = 60 prob = 1  
mu = 1839.22  
size = 2.28



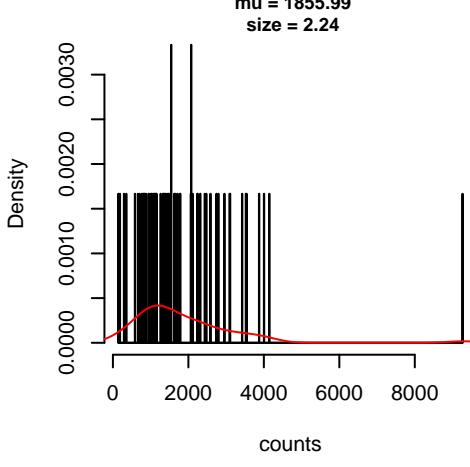
## Panc-AdenoCA.SBS5.synthetic.exposure

N = 60 prob = 1  
mu = 1839.22  
size = 2.28



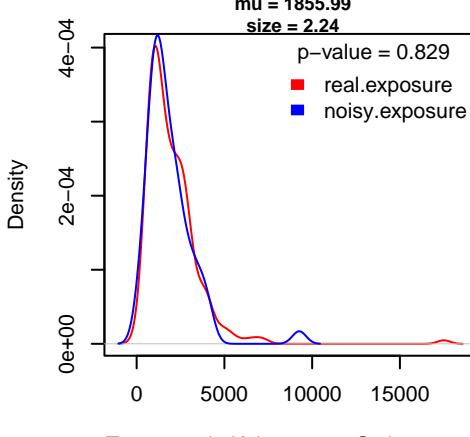
## Panc-AdenoCA.SBS5.noisy.exposure

N = 60 prob = 1  
neg.binom.size = 30  
mu = 1855.99  
size = 2.24



## Panc-AdenoCA.SBS5.noisy.exposure

N = 60 prob = 1  
neg.binom.size = 30  
mu = 1855.99  
size = 2.24

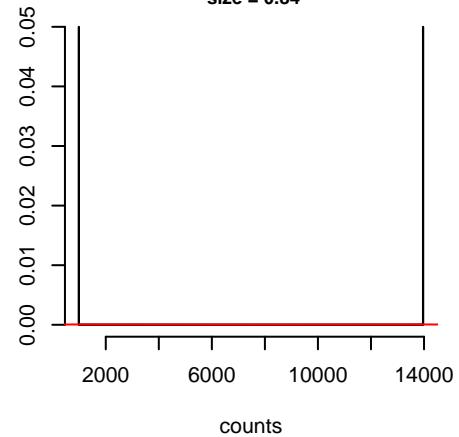


Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

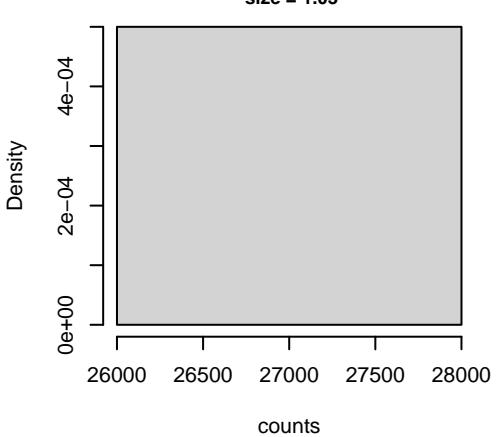
Panc–AdenoCA.SBS6.real.exposure

N = 2 prob = 0.0084  
mu = 7477.49  
size = 0.84



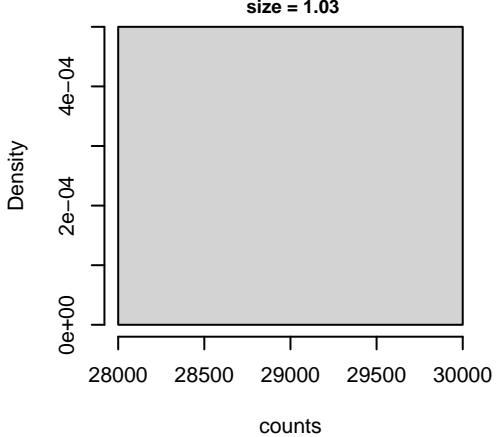
Panc–AdenoCA.SBS6.synthetic.exposure

N = 1 prob = 0.0167  
mu = 27156  
size = 1.03



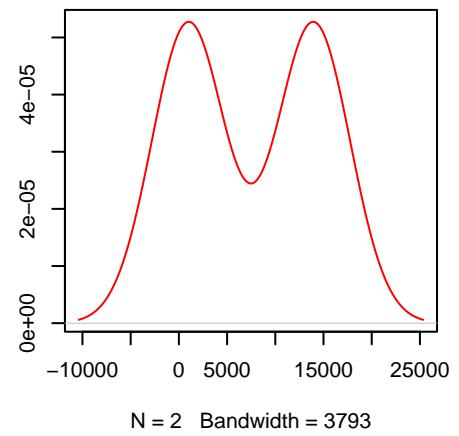
Panc–AdenoCA.SBS6.noisy.exposure

N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 28377  
size = 1.03



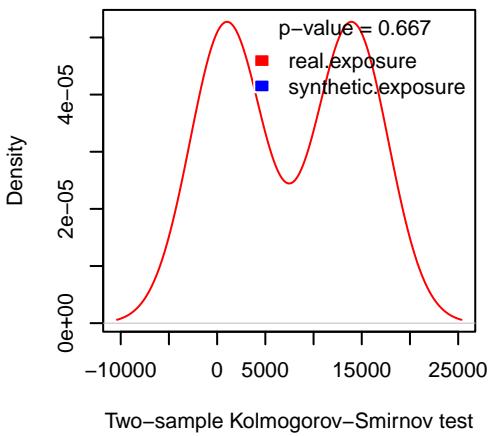
Panc–AdenoCA.SBS6.real.exposure

N = 2 prob = 0.0084  
mu = 7477.49  
size = 0.84



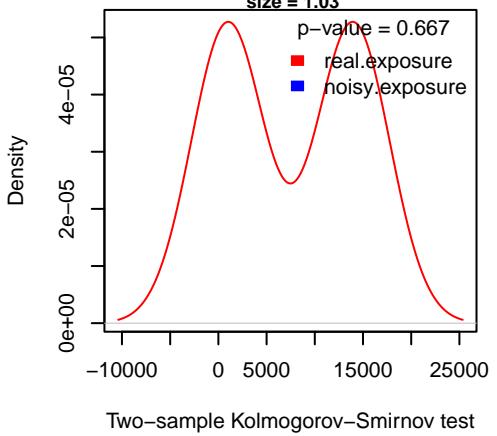
Panc–AdenoCA.SBS6.synthetic.exposure

N = 1 prob = 0.0167  
mu = 27156  
size = 1.03



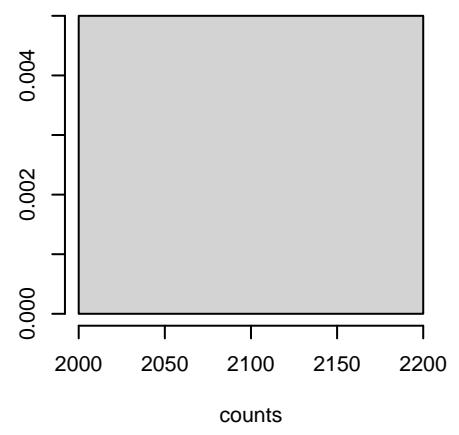
Panc–AdenoCA.SBS6.noisy.exposure

N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 28377  
size = 1.03



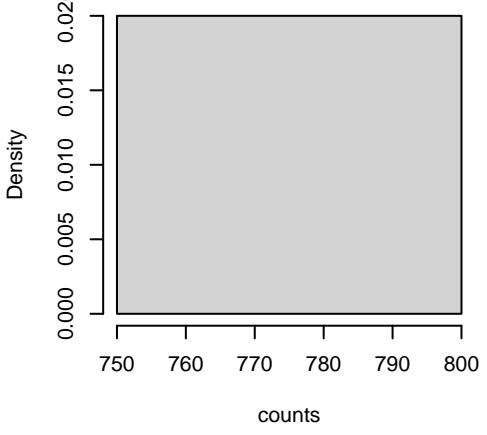
Panc–AdenoCA.SBS8.real.exposure

N = 1 prob = 0.0042  
mu = 2078  
size = 1.86



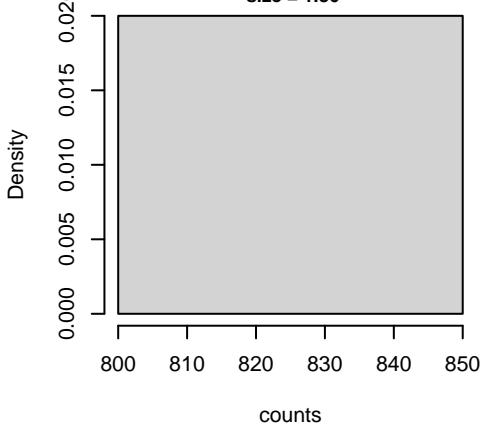
Panc–AdenoCA.SBS8.synthetic.exposure

N = 1 prob = 0.0167  
mu = 755  
size = 1.86

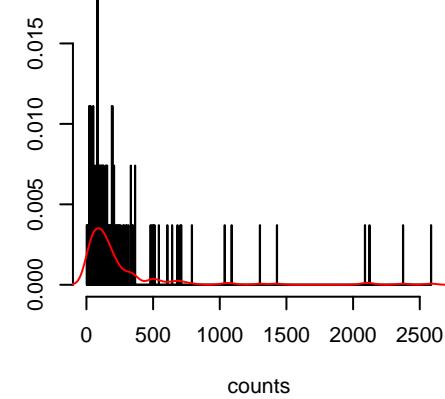


Panc–AdenoCA.SBS8.noisy.exposure

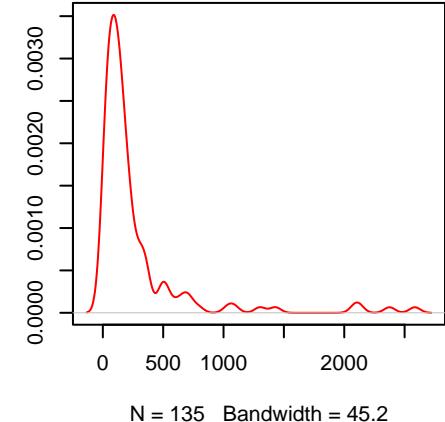
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 830  
size = 1.86



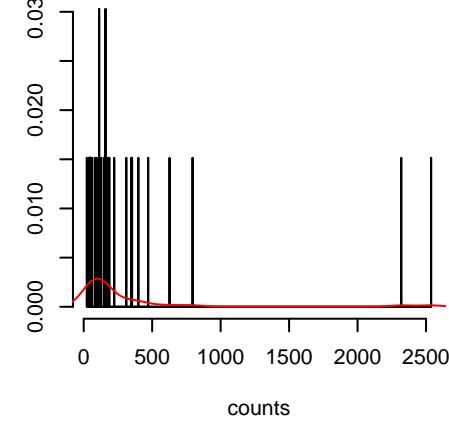
Panc–AdenoCA.SBS13.real.exposure  
 N = 135 prob = 0.5696  
 mu = 270.11  
 size = 0.83



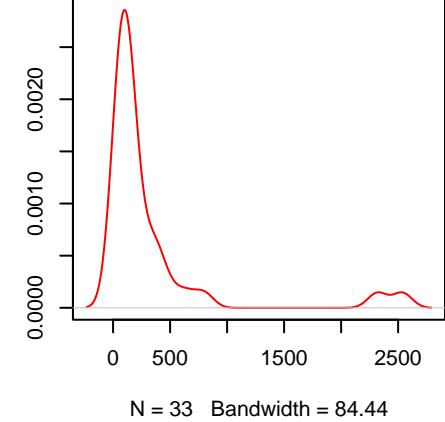
Panc–AdenoCA.SBS13.real.exposure  
 N = 135 prob = 0.5696  
 mu = 270.11  
 size = 0.83



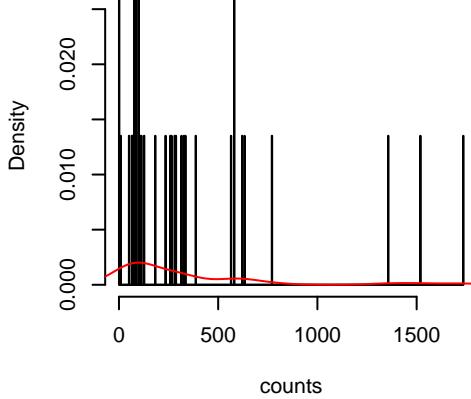
Panc–AdenoCA.SBS17a.real.exposure  
 N = 33 prob = 0.1392  
 mu = 322.32  
 size = 0.78



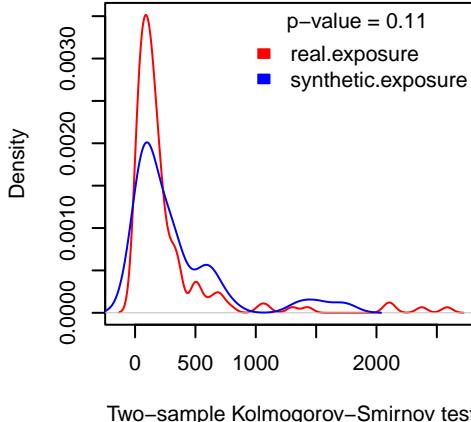
Panc–AdenoCA.SBS17a.real.exposure  
 N = 33 prob = 0.1392  
 mu = 322.32  
 size = 0.78



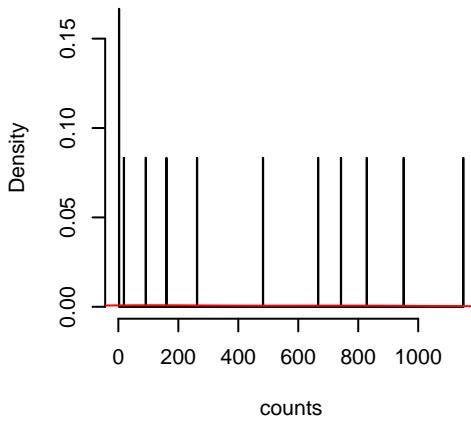
Panc–AdenoCA.SBS13.synthetic.exposure  
 N = 37 prob = 0.6167  
 mu = 339.9  
 size = 0.76



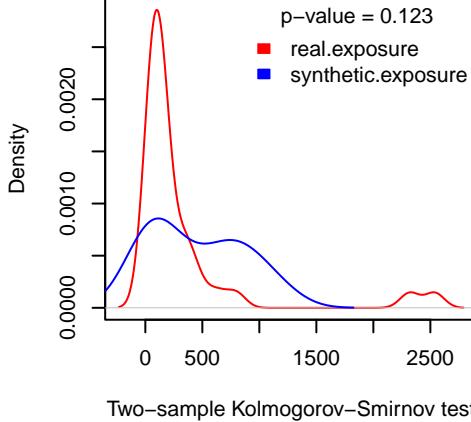
Panc–AdenoCA.SBS13.synthetic.exposure  
 N = 37 prob = 0.6167  
 mu = 339.9  
 size = 0.76



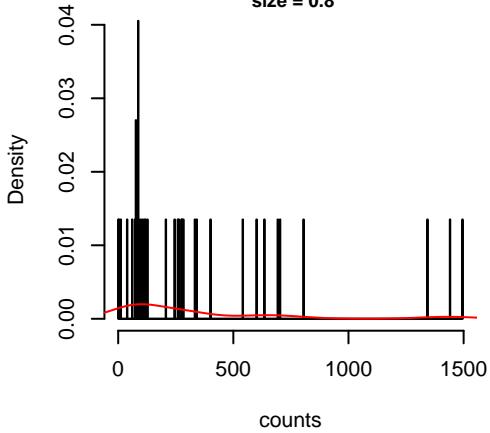
Panc–AdenoCA.SBS17a.synthetic.exposure  
 N = 12 prob = 0.2  
 mu = 446.98  
 size = 0.55



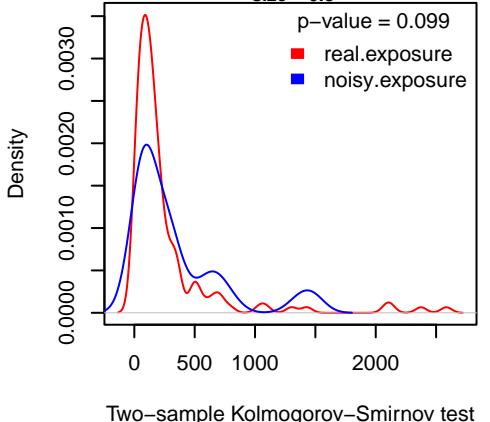
Panc–AdenoCA.SBS17a.synthetic.exposure  
 N = 12 prob = 0.2  
 mu = 446.98  
 size = 0.55



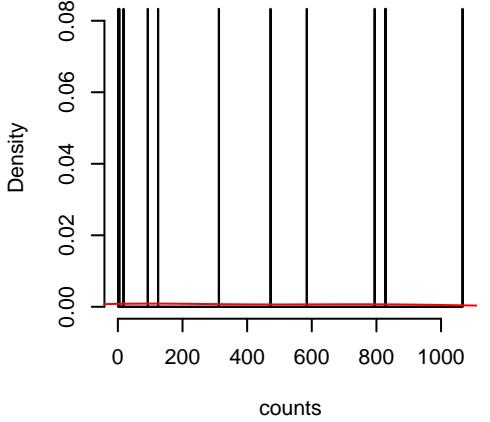
Panc–AdenoCA.SBS13.noisy.exposure  
 N = 37 prob = 0.6167  
 neg.binom.size = 30  
 mu = 337.72  
 size = 0.8



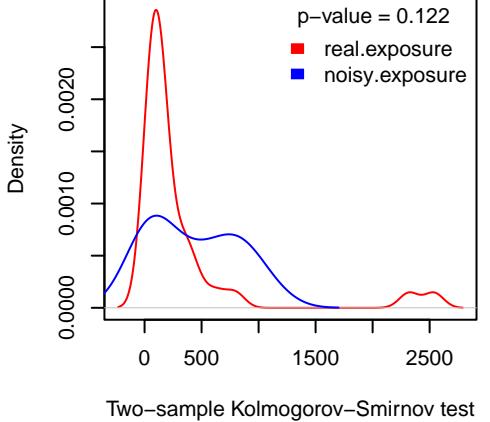
Panc–AdenoCA.SBS13.noisy.exposure  
 N = 37 prob = 0.6167  
 neg.binom.size = 30  
 mu = 337.72  
 size = 0.8



Panc–AdenoCA.SBS17a.noisy.exposure  
 N = 12 prob = 0.2  
 neg.binom.size = 30  
 mu = 427.8  
 size = 0.56

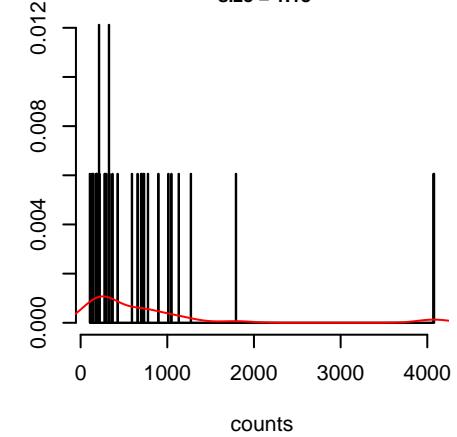


Panc–AdenoCA.SBS17a.noisy.exposure  
 N = 12 prob = 0.2  
 neg.binom.size = 30  
 mu = 427.8  
 size = 0.56



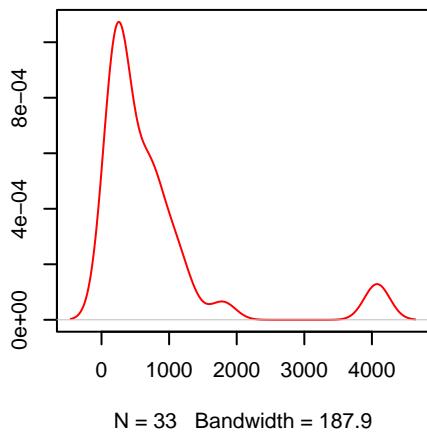
### Panc–AdenoCA.SBS17b.real.exposure

N = 33 prob = 0.1392  
mu = 744.63  
size = 1.18



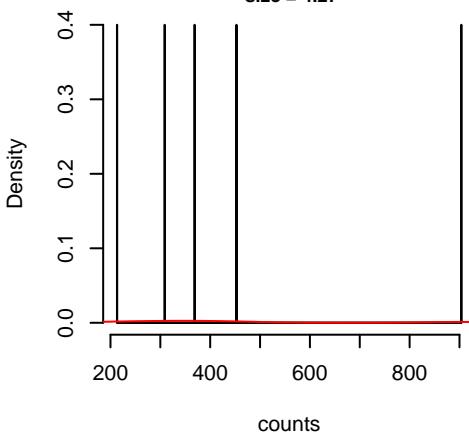
### Panc–AdenoCA.SBS17b.real.exposure

N = 33 prob = 0.1392  
mu = 744.63  
size = 1.18



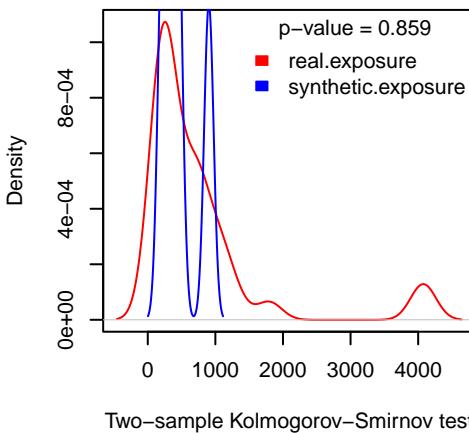
### Panc–AdenoCA.SBS17b.synthetic.exposure

N = 5 prob = 0.0833  
mu = 449.56  
size = 4.27



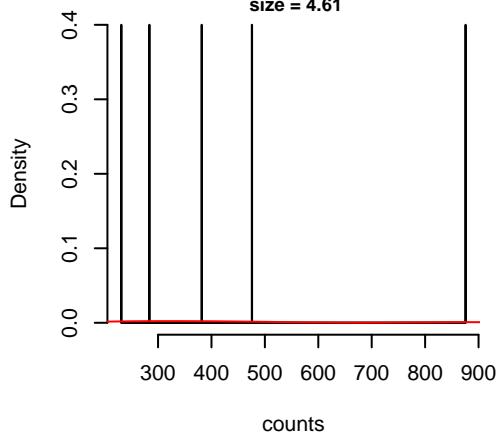
### Panc–AdenoCA.SBS17b.synthetic.exposure

N = 5 prob = 0.0833  
mu = 449.56  
size = 4.27



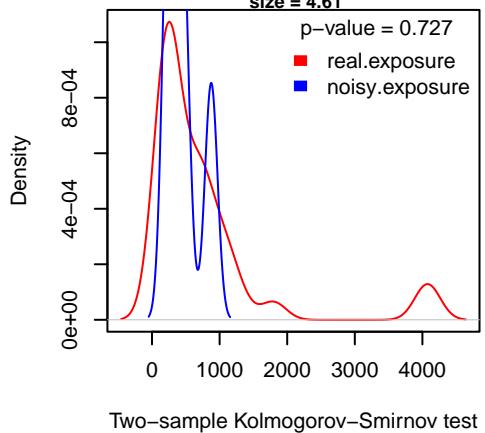
### Panc–AdenoCA.SBS17b.noisy.exposure

N = 5 prob = 0.0833  
neg.binom.size = 30  
mu = 449.84  
size = 4.61



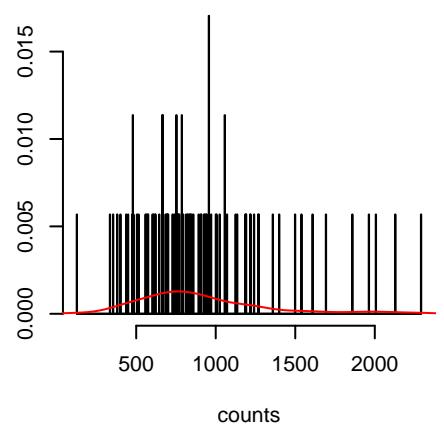
### Panc–AdenoCA.SBS17b.noisy.exposure

N = 5 prob = 0.0833  
neg.binom.size = 30  
mu = 449.84  
size = 4.61



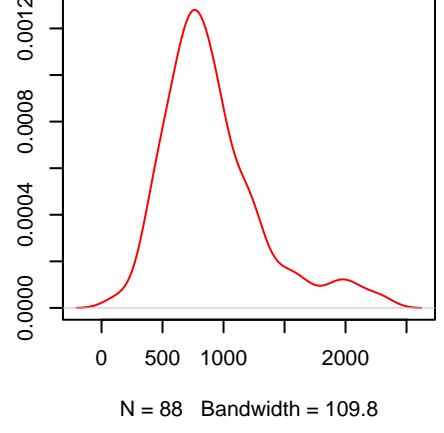
### Panc–AdenoCA.SBS18.real.exposure

N = 88 prob = 0.3713  
mu = 908.51  
size = 5.29



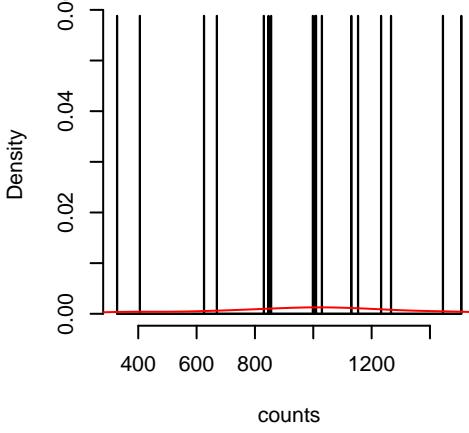
### Panc–AdenoCA.SBS18.real.exposure

N = 88 prob = 0.3713  
mu = 908.51  
size = 5.29



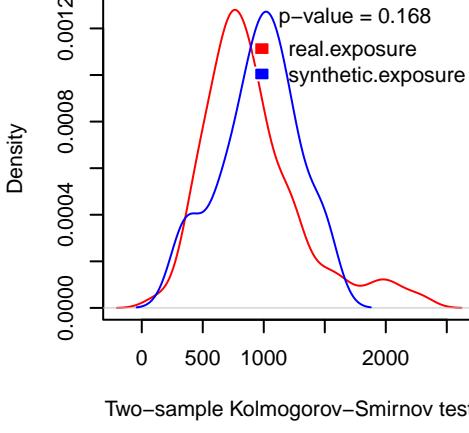
### Panc–AdenoCA.SBS18.synthetic.exposure

N = 17 prob = 0.2833  
mu = 961.63  
size = 7.37



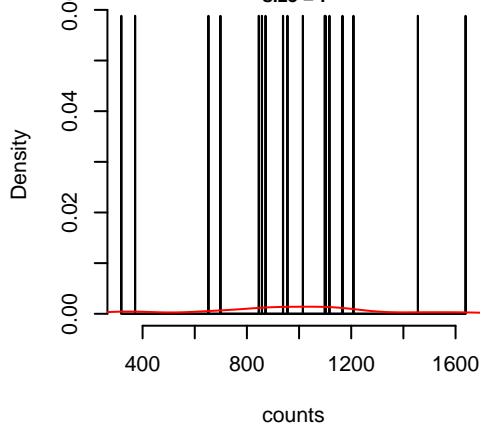
### Panc–AdenoCA.SBS18.synthetic.exposure

N = 17 prob = 0.2833  
mu = 961.63  
size = 7.37



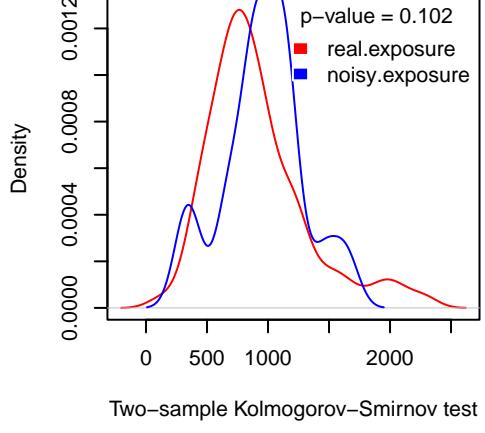
### Panc–AdenoCA.SBS18.noisy.exposure

N = 17 prob = 0.2833  
neg.binom.size = 30  
mu = 959.87  
size = 7

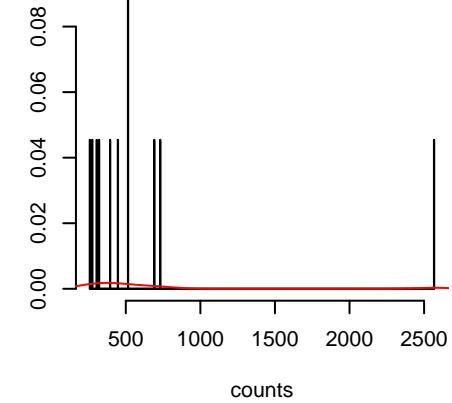


### Panc–AdenoCA.SBS18.noisy.exposure

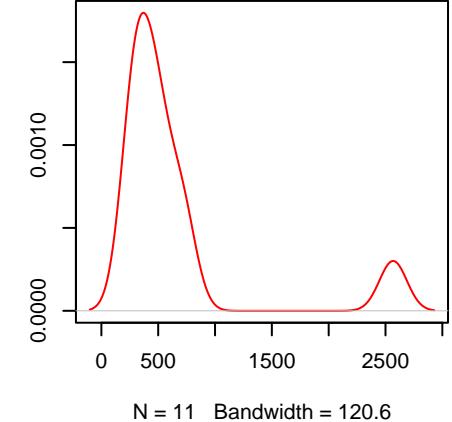
N = 17 prob = 0.2833  
neg.binom.size = 30  
mu = 959.87  
size = 7



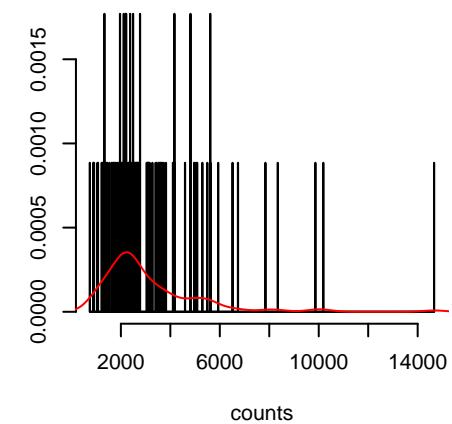
Panc-AdenoCA.SBS30.real.exposure  
N = 11 prob = 0.0464  
mu = 638.4  
size = 2.1



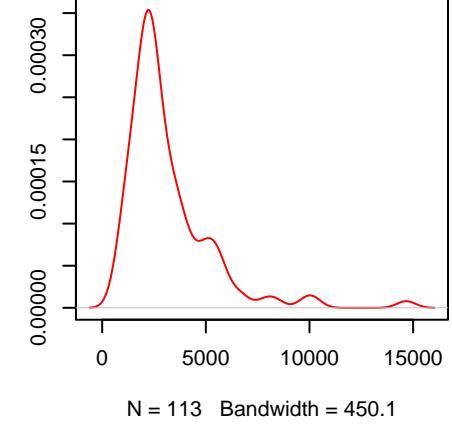
Panc-AdenoCA.SBS30.real.exposure  
N = 11 prob = 0.0464  
mu = 638.4  
size = 2.1



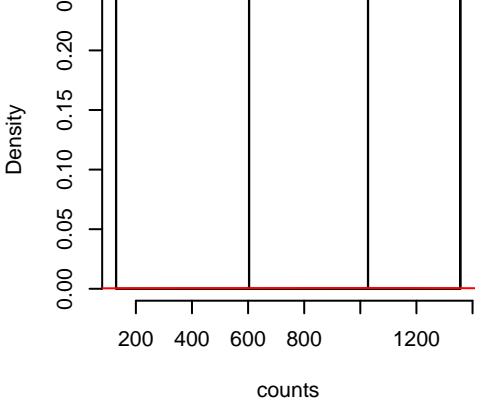
Panc-AdenoCA.SBS40.real.exposure  
N = 113 prob = 0.4768  
mu = 3154.4  
size = 3.29



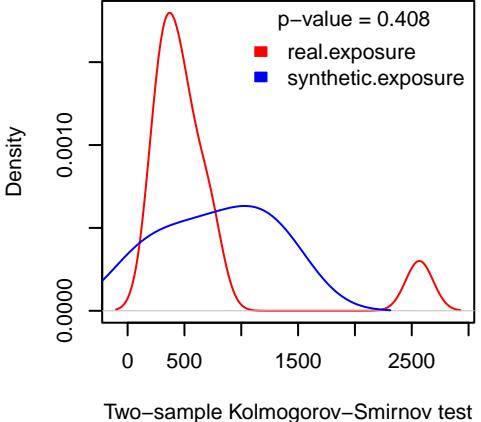
Panc-AdenoCA.SBS40.real.exposure  
N = 113 prob = 0.4768  
mu = 3154.4  
size = 3.29



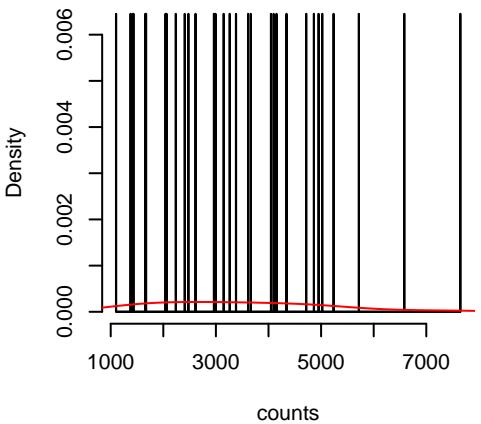
Panc-AdenoCA.SBS30.synthetic.exposure  
N = 4 prob = 0.0667  
mu = 779.45  
size = 1.79



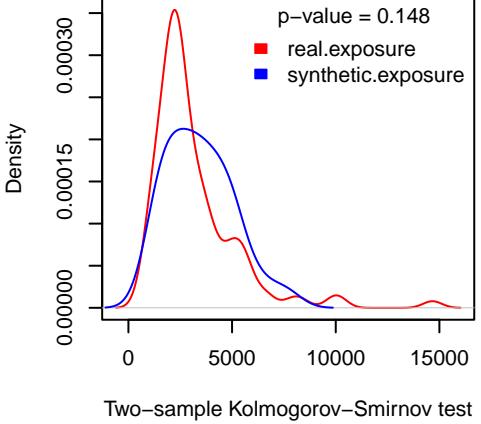
Panc-AdenoCA.SBS30.synthetic.exposure  
N = 4 prob = 0.0667  
mu = 779.45  
size = 1.79



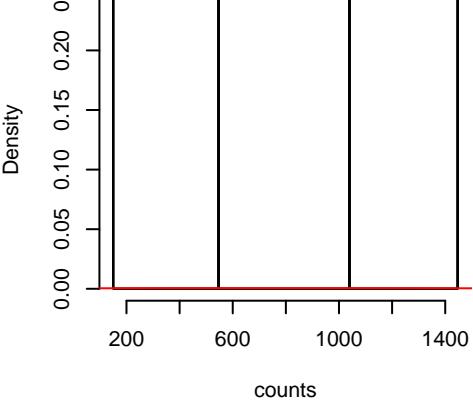
Panc-AdenoCA.SBS40.synthetic.exposure  
N = 31 prob = 0.5167  
mu = 3448.17  
size = 4.52



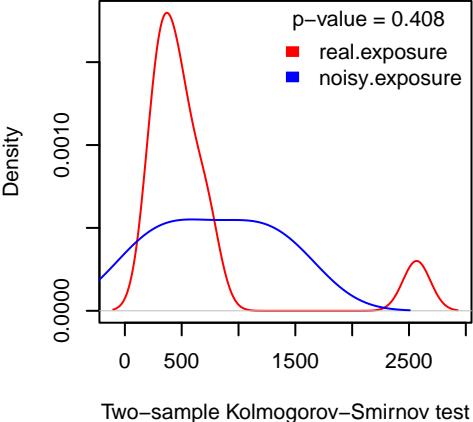
Panc-AdenoCA.SBS40.synthetic.exposure  
N = 31 prob = 0.5167  
mu = 3448.17  
size = 4.52



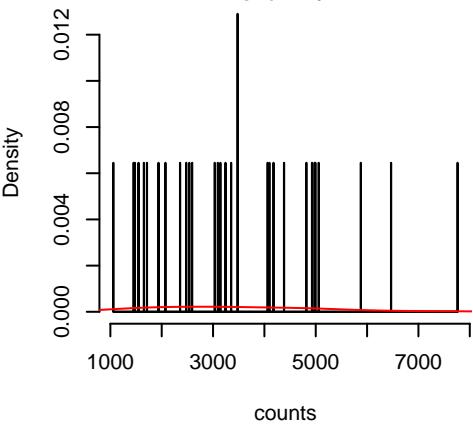
Panc-AdenoCA.SBS30.noisy.exposure  
N = 4 prob = 0.0667  
neg.binom.size = 30  
mu = 795.96  
size = 1.85



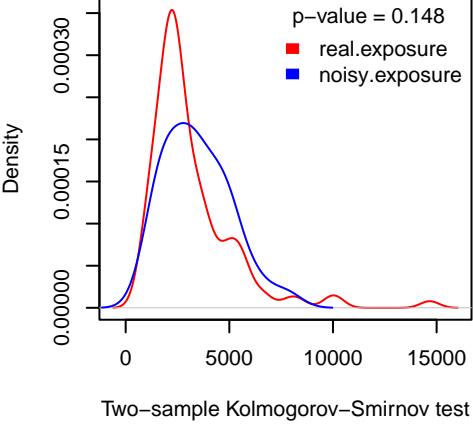
Panc-AdenoCA.SBS30.noisy.exposure  
N = 4 prob = 0.0667  
neg.binom.size = 30  
mu = 795.96  
size = 1.85



Panc-AdenoCA.SBS40.noisy.exposure  
N = 31 prob = 0.5167  
neg.binom.size = 30  
mu = 3461.17  
size = 4.62



Panc-AdenoCA.SBS40.noisy.exposure  
N = 31 prob = 0.5167  
neg.binom.size = 30  
mu = 3461.17  
size = 4.62

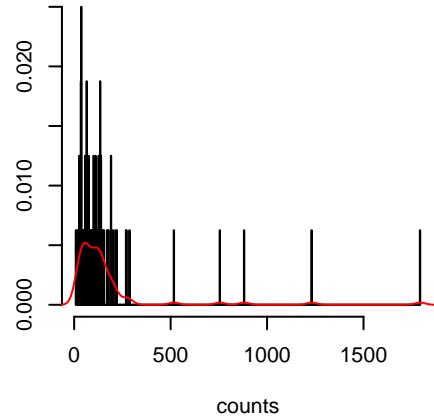


N = 113 Bandwidth = 450.1

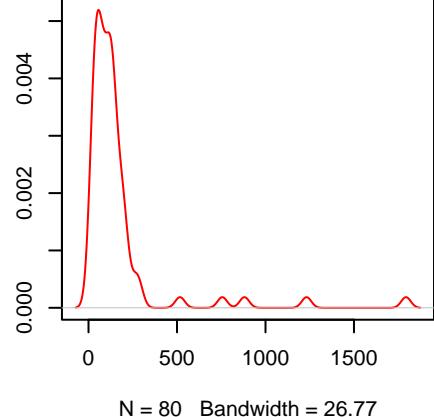
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

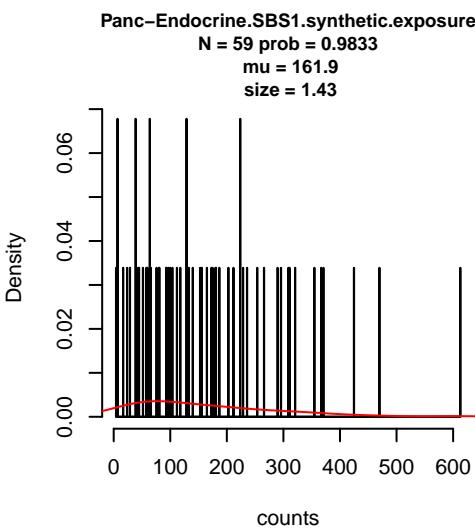
Panc-Endocrine.SBS1.real.exposure  
N = 80 prob = 0.9639  
mu = 164.72  
size = 1.13



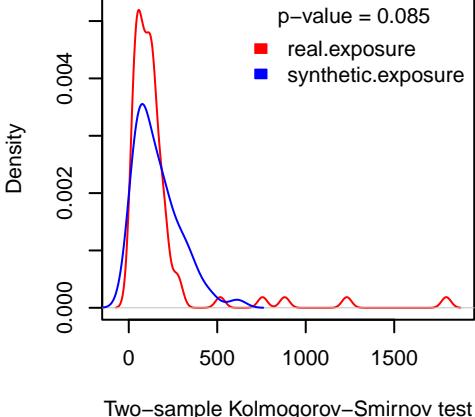
Panc-Endocrine.SBS1.real.exposure  
N = 80 prob = 0.9639  
mu = 164.72  
size = 1.13



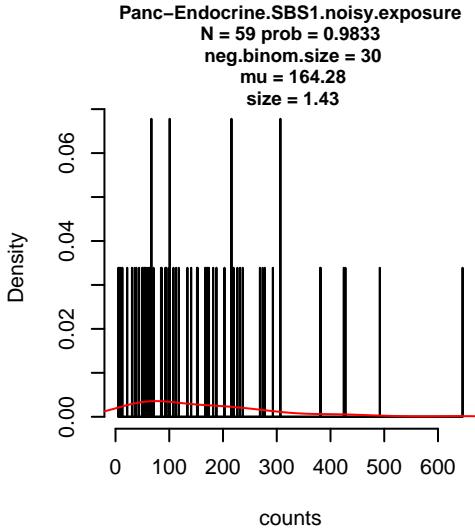
Panc-Endocrine.SBS1.synthetic.exposure  
N = 59 prob = 0.9833  
mu = 161.9  
size = 1.43



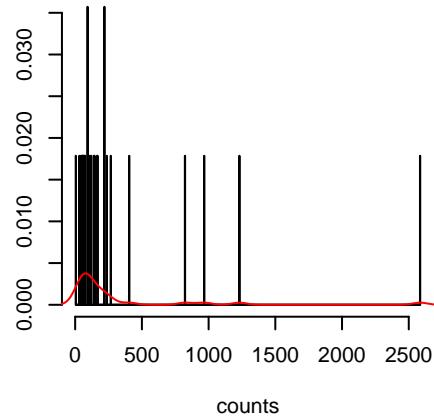
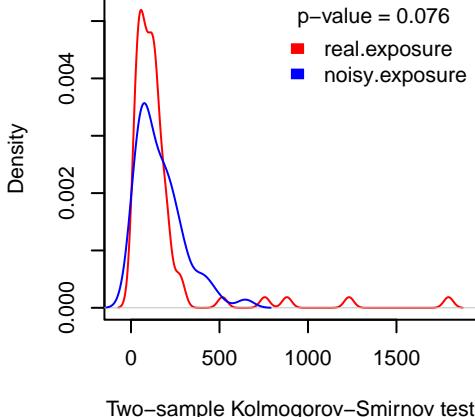
Panc-Endocrine.SBS1.synthetic.exposure  
N = 59 prob = 0.9833  
mu = 161.9  
size = 1.43



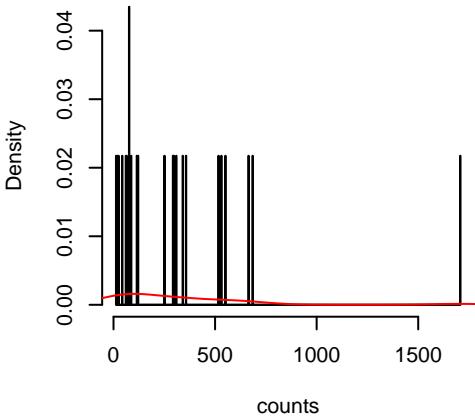
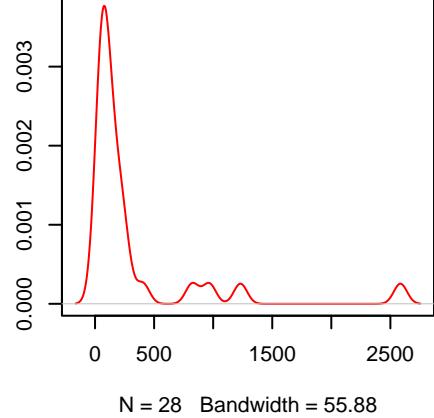
Panc-Endocrine.SBS1.noisy.exposure  
N = 59 prob = 0.9833  
neg.binom.size = 30  
mu = 164.28  
size = 1.43



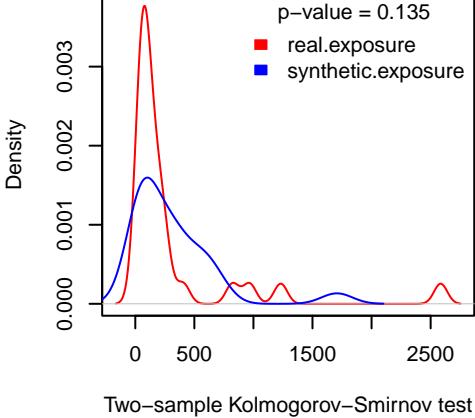
Panc-Endocrine.SBS1.noisy.exposure  
N = 59 prob = 0.9833  
neg.binom.size = 30  
mu = 164.28  
size = 1.43



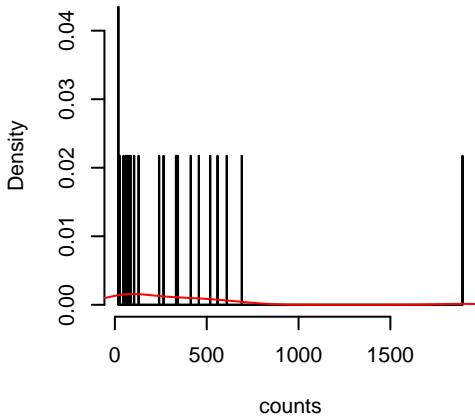
Panc-Endocrine.SBS2.real.exposure  
N = 28 prob = 0.3373  
mu = 305.29  
size = 0.71



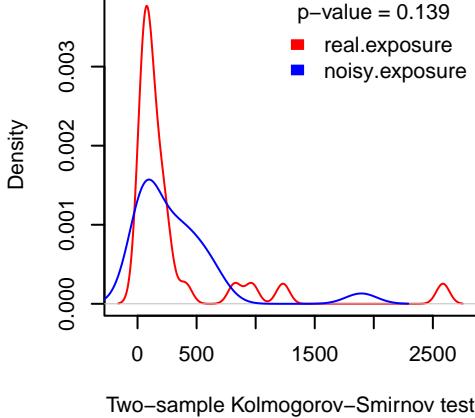
Panc-Endocrine.SBS2.synthetic.exposure  
N = 23 prob = 0.3833  
mu = 313.61  
size = 0.9



Panc-Endocrine.SBS2.noisy.exposure  
N = 23 prob = 0.3833  
neg.binom.size = 30  
mu = 320.35  
size = 0.89

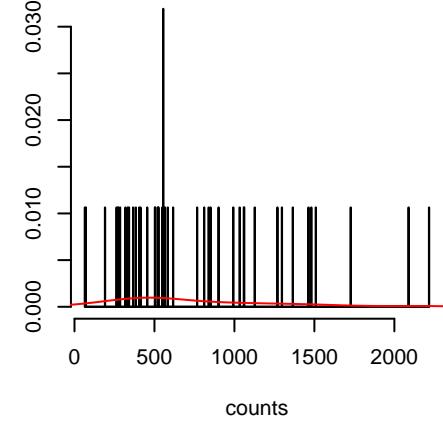


Panc-Endocrine.SBS2.noisy.exposure  
N = 23 prob = 0.3833  
neg.binom.size = 30  
mu = 320.35  
size = 0.89

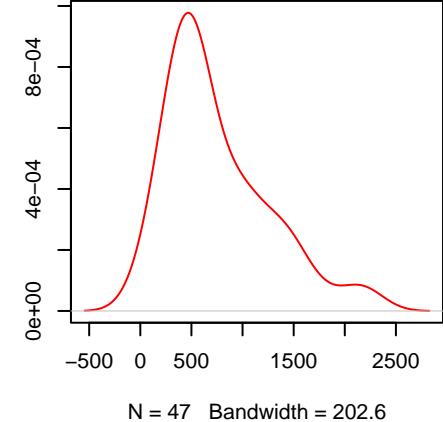


p-value = 0.139  
■ real.exposure  
■ noisy.exposure

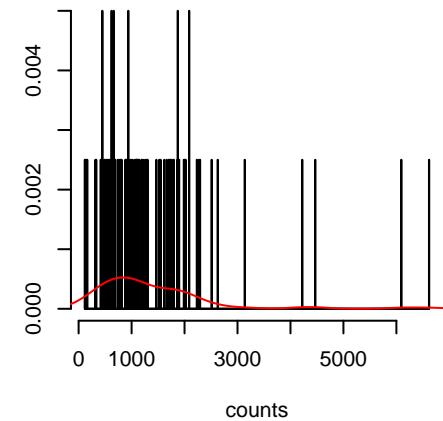
Panc-Endocrine.SBS3.real.exposure  
N = 47 prob = 0.5663  
mu = 753.77  
size = 2.26



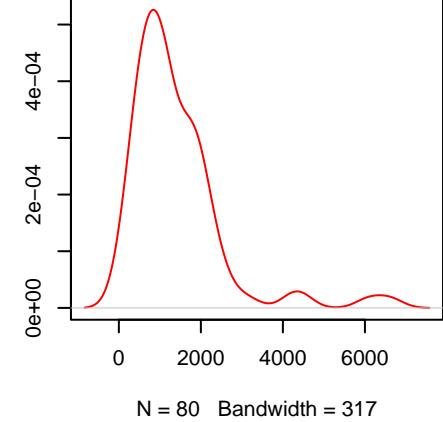
Panc-Endocrine.SBS3.real.exposure  
N = 47 prob = 0.5663  
mu = 753.77  
size = 2.26



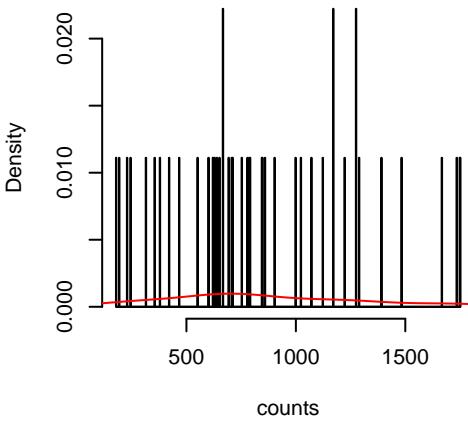
Panc-Endocrine.SBS5.real.exposure  
N = 80 prob = 0.9639  
mu = 1387.3  
size = 1.95



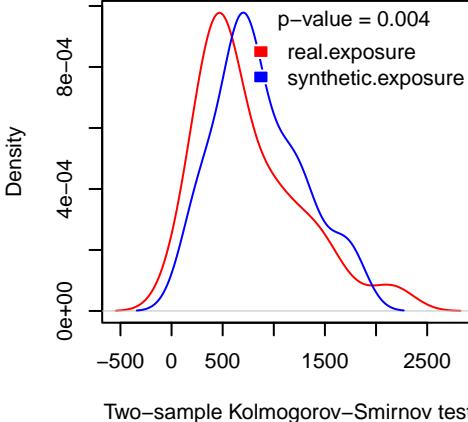
Panc-Endocrine.SBS5.real.exposure  
N = 80 prob = 0.9639  
mu = 1387.3  
size = 1.95



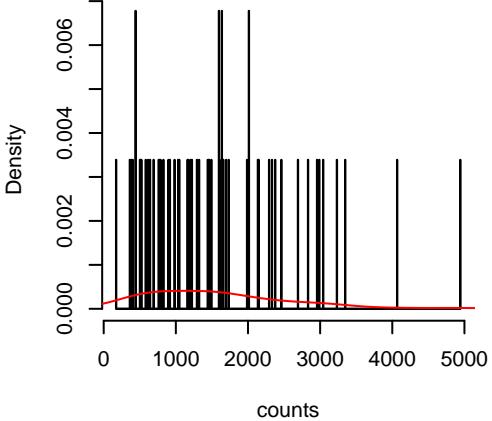
Panc-Endocrine.SBS3.synthetic.exposure  
N = 45 prob = 0.75  
mu = 856.13  
size = 3.64



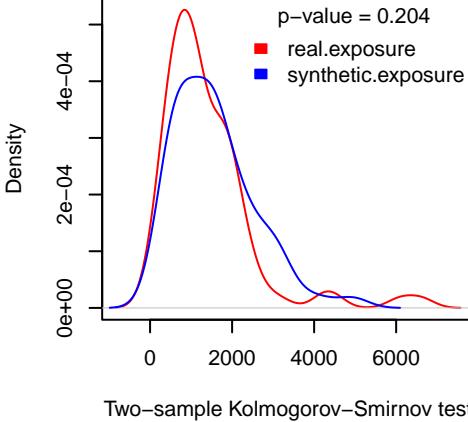
Panc-Endocrine.SBS3.synthetic.exposure  
N = 45 prob = 0.75  
mu = 856.13  
size = 3.64



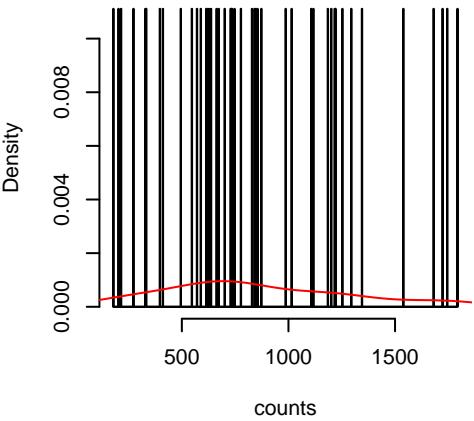
Panc-Endocrine.SBS5.synthetic.exposure  
N = 59 prob = 0.9833  
mu = 1563.64  
size = 2.51



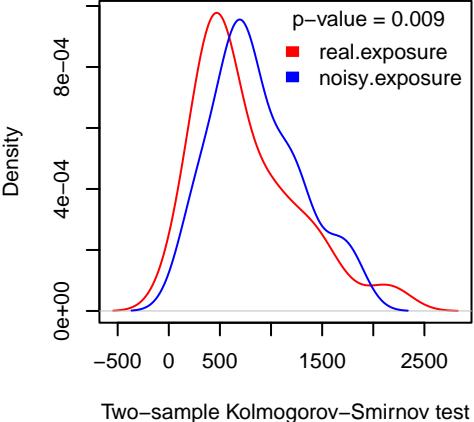
Panc-Endocrine.SBS5.synthetic.exposure  
N = 59 prob = 0.9833  
mu = 1563.64  
size = 2.51



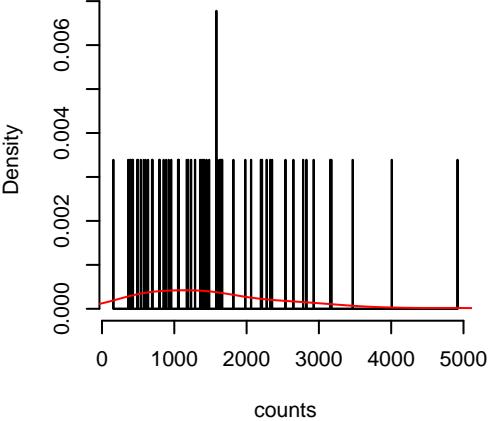
Panc-Endocrine.SBS3.noisy.exposure  
N = 45 prob = 0.75  
neg.binom.size = 30  
mu = 855.05  
size = 3.65



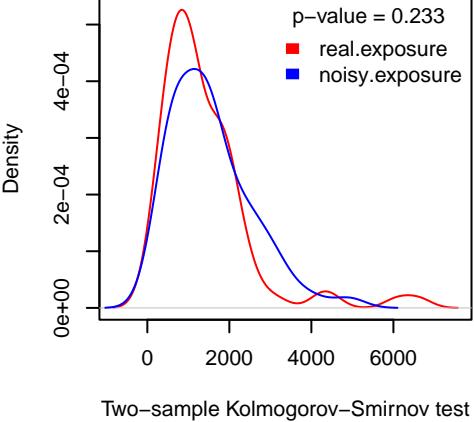
Panc-Endocrine.SBS3.noisy.exposure  
N = 45 prob = 0.75  
neg.binom.size = 30  
mu = 855.05  
size = 3.65



Panc-Endocrine.SBS5.noisy.exposure  
N = 59 prob = 0.9833  
neg.binom.size = 30  
mu = 1547.02  
size = 2.47



Panc-Endocrine.SBS5.noisy.exposure  
N = 59 prob = 0.9833  
neg.binom.size = 30  
mu = 1547.02  
size = 2.47

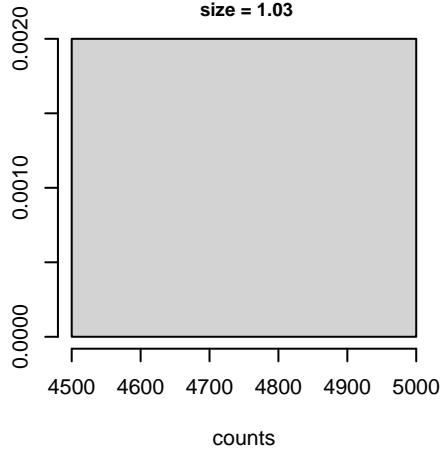


Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

Panc-Endocrine.SBS6.real.exposure

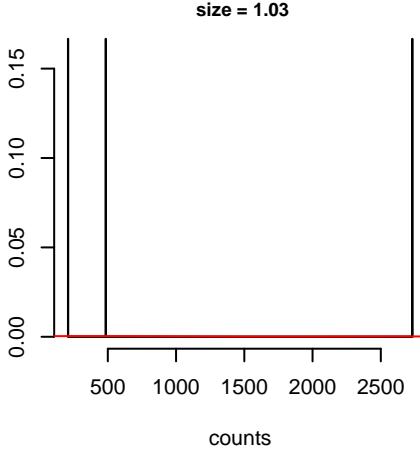
N = 1 prob = 0.012  
 mu = 4768  
 size = 1.03



Panc-Endocrine.SBS6.synthetic.exposure

N = 3 prob = 0.05  
 mu = 1141.09  
 size = 1.03

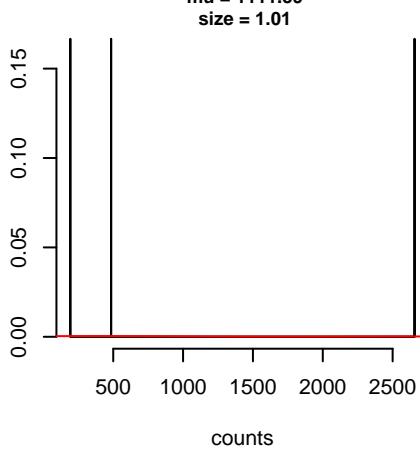
Density



Panc-Endocrine.SBS6.noisy.exposure

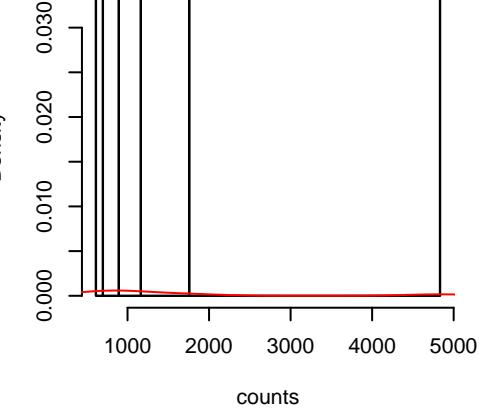
N = 3 prob = 0.05  
 neg.binom.size = 30  
 mu = 1111.59  
 size = 1.01

Density



Panc-Endocrine.SBS8.real.exposure

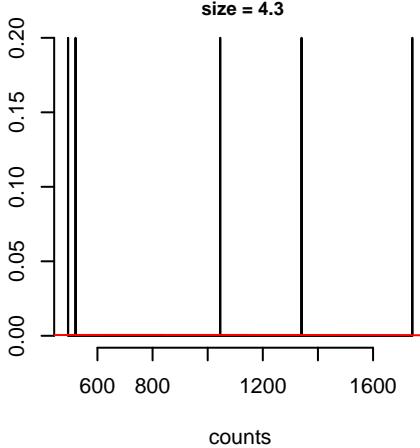
N = 6 prob = 0.0723  
 mu = 1659.59  
 size = 1.91



Panc-Endocrine.SBS8.synthetic.exposure

N = 5 prob = 0.0833  
 mu = 1028.86  
 size = 4.3

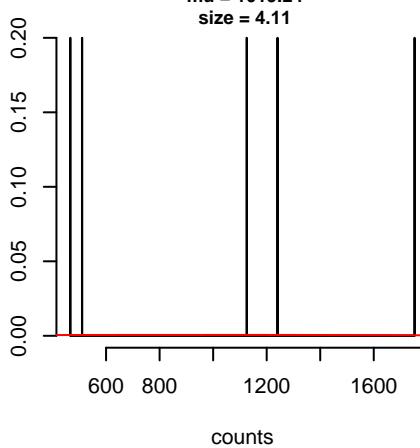
Density



Panc-Endocrine.SBS8.noisy.exposure

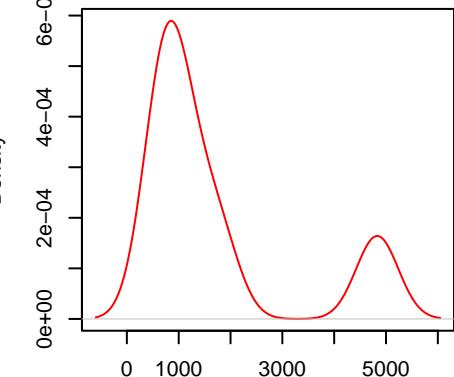
N = 5 prob = 0.0833  
 neg.binom.size = 30  
 mu = 1019.24  
 size = 4.11

Density



Panc-Endocrine.SBS8.real.exposure

N = 6 prob = 0.0723  
 mu = 1659.59  
 size = 1.91

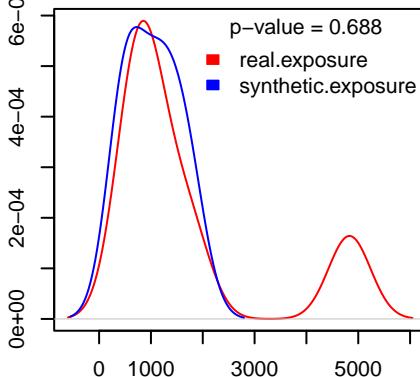


N = 6 Bandwidth = 405.1

Panc-Endocrine.SBS8.synthetic.exposure

N = 5 prob = 0.0833  
 mu = 1028.86  
 size = 4.3

Density

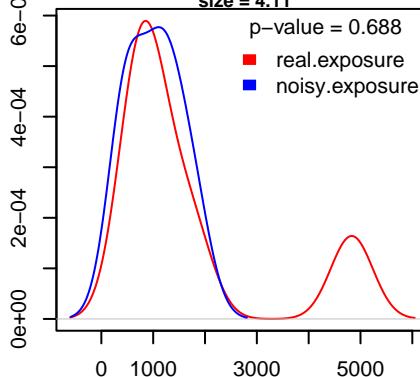


Two-sample Kolmogorov-Smirnov test

Panc-Endocrine.SBS8.noisy.exposure

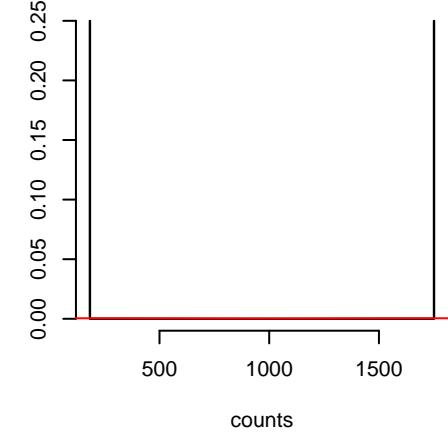
N = 5 prob = 0.0833  
 neg.binom.size = 30  
 mu = 1019.24  
 size = 4.11

Density

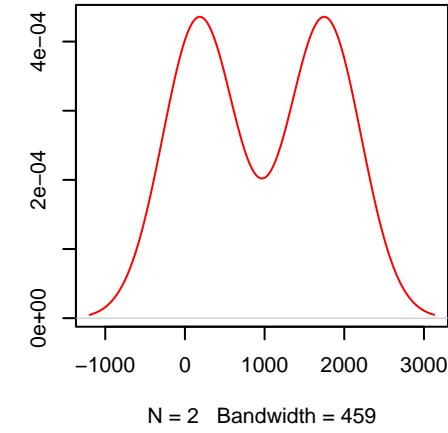


Two-sample Kolmogorov-Smirnov test

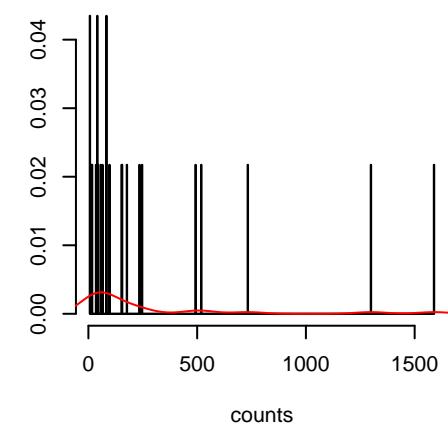
Panc-Endocrine.SBS9.real.exposure  
 N = 2 prob = 0.0241  
 mu = 967.08  
 size = 1.07



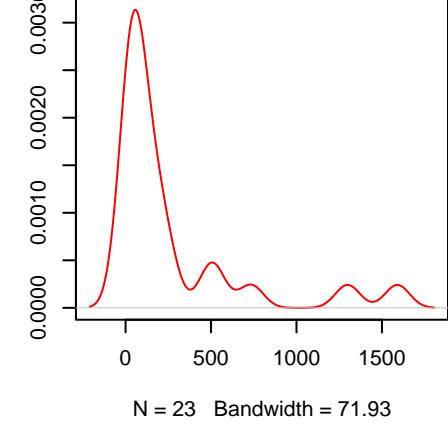
Panc-Endocrine.SBS9.real.exposure  
 N = 2 prob = 0.0241  
 mu = 967.08  
 size = 1.07



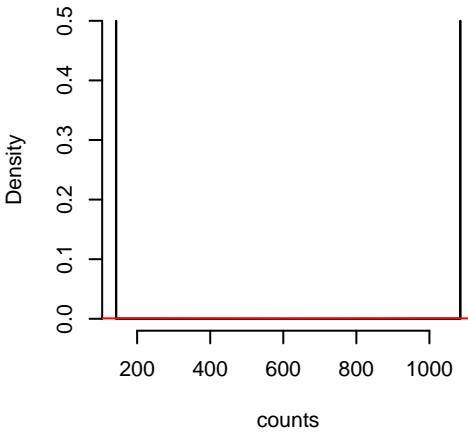
Panc-Endocrine.SBS13.real.exposure  
 N = 23 prob = 0.2771  
 mu = 269.75  
 size = 0.62



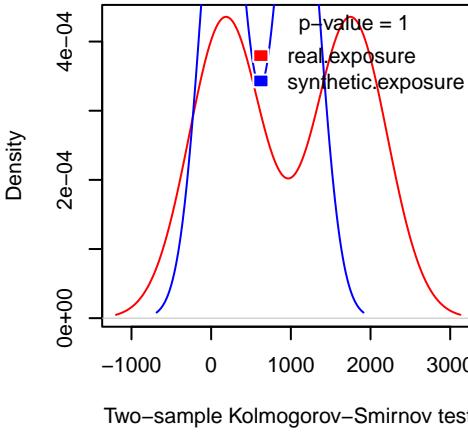
Panc-Endocrine.SBS13.real.exposure  
 N = 23 prob = 0.2771  
 mu = 269.75  
 size = 0.62



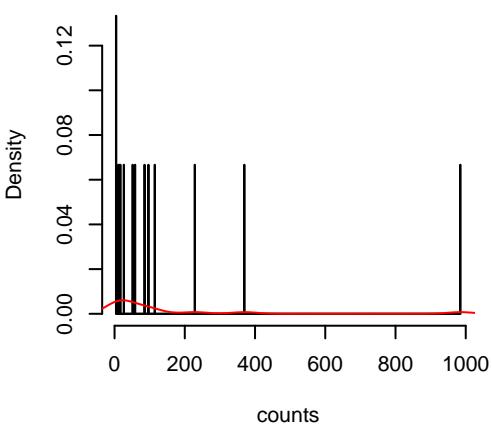
Panc-Endocrine.SBS9.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 613.58  
 size = 1.26



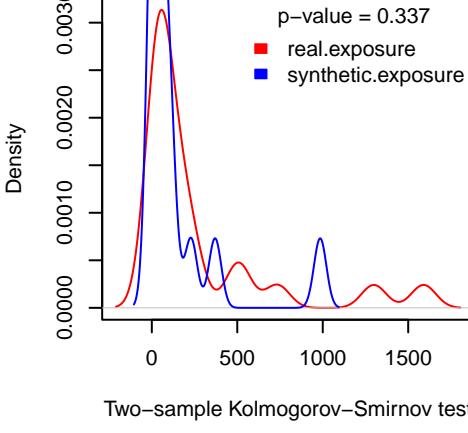
Panc-Endocrine.SBS9.synthetic.exposure  
 N = 2 prob = 0.0333  
 mu = 613.58  
 size = 1.26



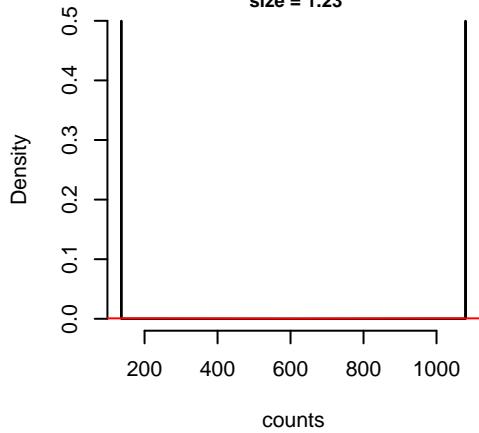
Panc-Endocrine.SBS13.synthetic.exposure  
 N = 15 prob = 0.25  
 mu = 138.47  
 size = 0.52



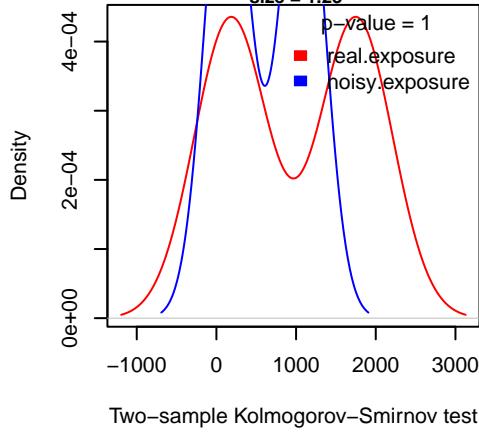
Panc-Endocrine.SBS13.synthetic.exposure  
 N = 15 prob = 0.25  
 mu = 138.47  
 size = 0.52



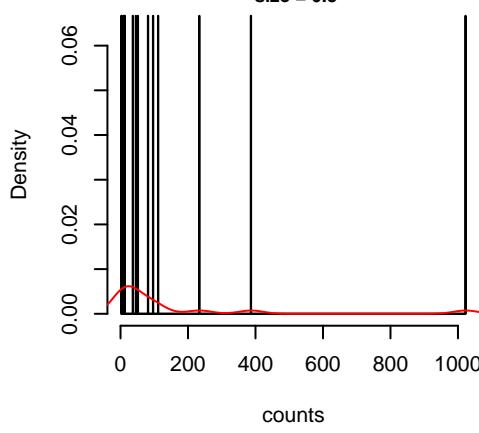
Panc-Endocrine.SBS9.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 608.1  
 size = 1.23



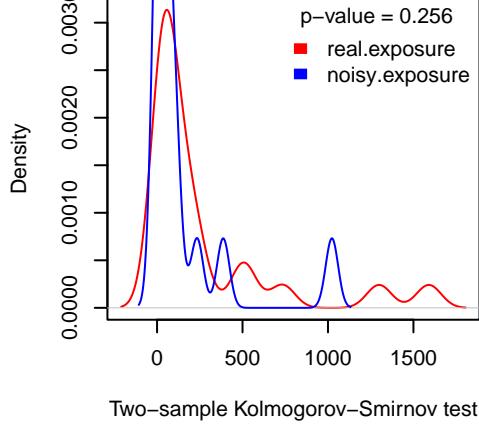
Panc-Endocrine.SBS9.noisy.exposure  
 N = 2 prob = 0.0333  
 neg.binom.size = 30  
 mu = 608.1  
 size = 1.23



Panc-Endocrine.SBS13.noisy.exposure  
 N = 15 prob = 0.25  
 neg.binom.size = 30  
 mu = 141.44  
 size = 0.5



Panc-Endocrine.SBS13.noisy.exposure  
 N = 15 prob = 0.25  
 neg.binom.size = 30  
 mu = 141.44  
 size = 0.5

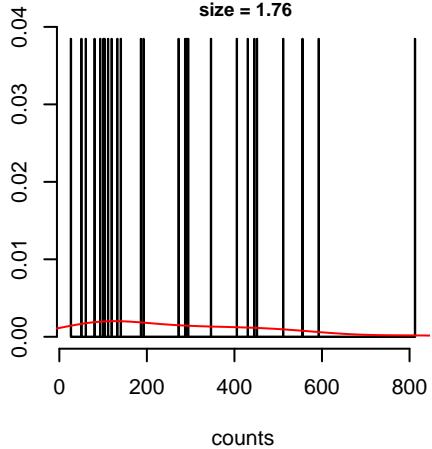


Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

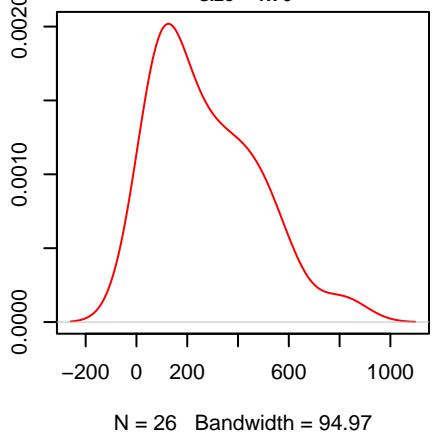
### Panc–Endocrine.SBS30.real.exposure

N = 26 prob = 0.3133  
mu = 273.4  
size = 1.76



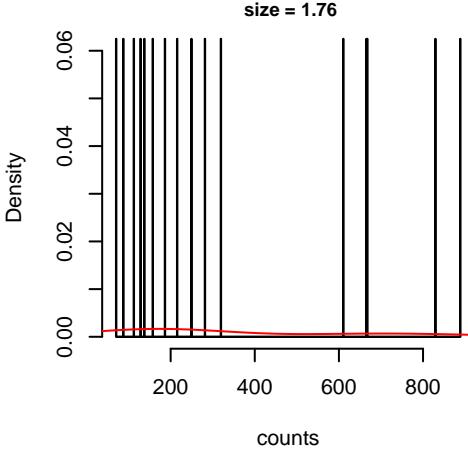
### Panc–Endocrine.SBS30.real.exposure

N = 26 prob = 0.3133  
mu = 273.4  
size = 1.76



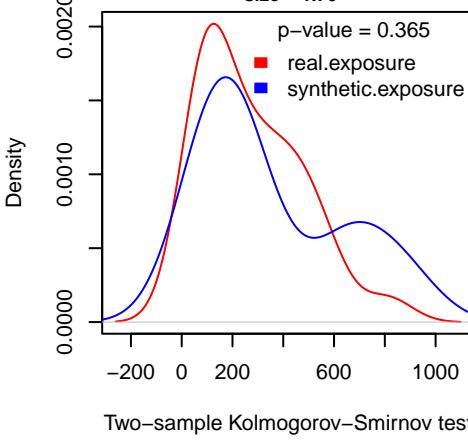
### Panc–Endocrine.SBS30.synthetic.exposure

N = 16 prob = 0.2667  
mu = 350.96  
size = 1.76



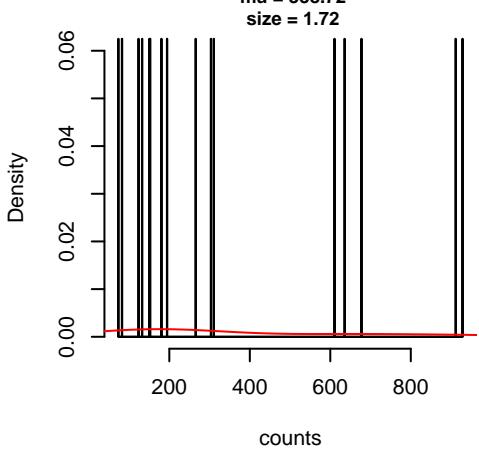
### Panc–Endocrine.SBS30.synthetic.exposure

N = 16 prob = 0.2667  
mu = 350.96  
size = 1.76



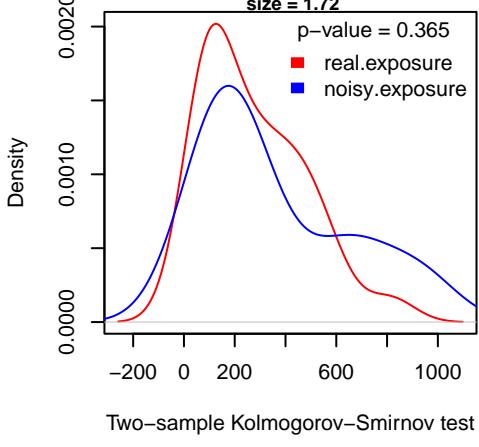
### Panc–Endocrine.SBS30.noisy.exposure

N = 16 prob = 0.2667  
neg.binom.size = 30  
mu = 358.72  
size = 1.72



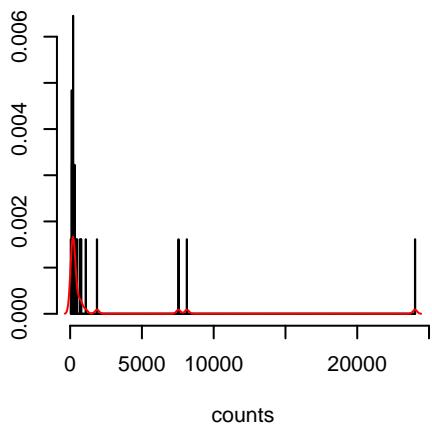
### Panc–Endocrine.SBS30.noisy.exposure

N = 16 prob = 0.2667  
neg.binom.size = 30  
mu = 358.72  
size = 1.72



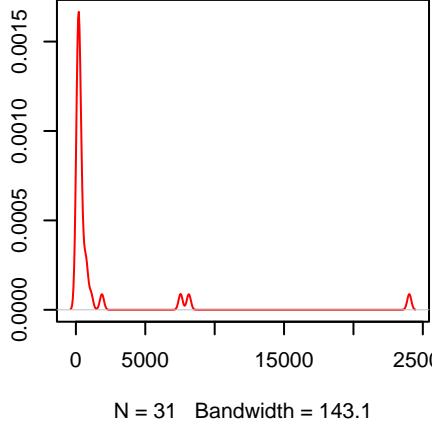
### Panc–Endocrine.SBS36.real.exposure

N = 31 prob = 0.3735  
mu = 1609.36  
size = 0.44



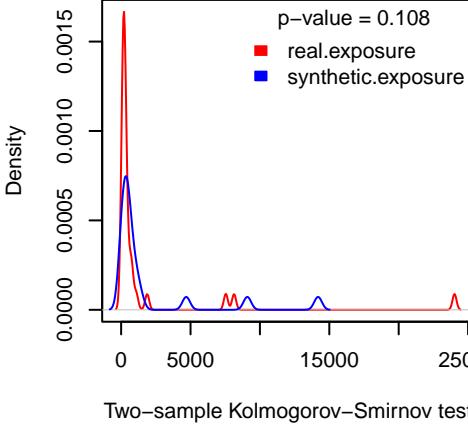
### Panc–Endocrine.SBS36.real.exposure

N = 31 prob = 0.3735  
mu = 1609.36  
size = 0.44



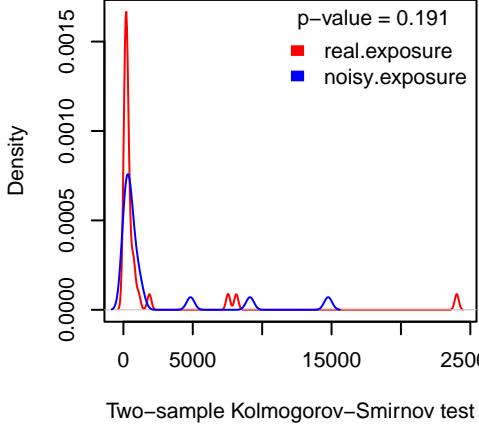
### Panc–Endocrine.SBS36.synthetic.exposure

N = 20 prob = 0.3333  
mu = 1807.21  
size = 0.47



### Panc–Endocrine.SBS36.noisy.exposure

N = 20 prob = 0.3333  
neg.binom.size = 30  
mu = 1825.14  
size = 0.46



Density

Density

Density

Density

p-value = 0.108  
■ real.exposure  
■ synthetic.exposure

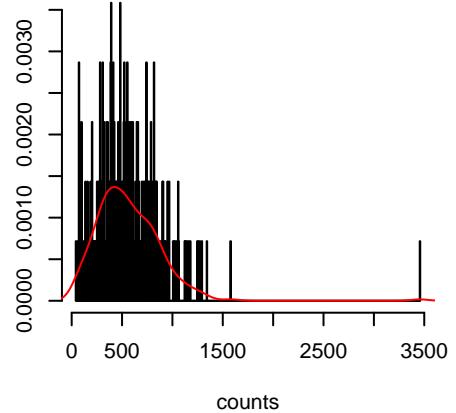
p-value = 0.191  
■ real.exposure  
■ noisy.exposure

Two-sample Kolmogorov–Smirnov test

Two-sample Kolmogorov–Smirnov test

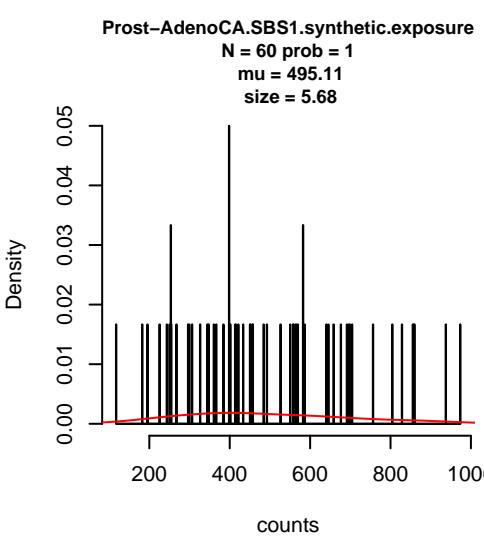
Prost-AdenoCA.SBS1.real.exposure

N = 279 prob = 1  
mu = 564.05  
size = 3.05



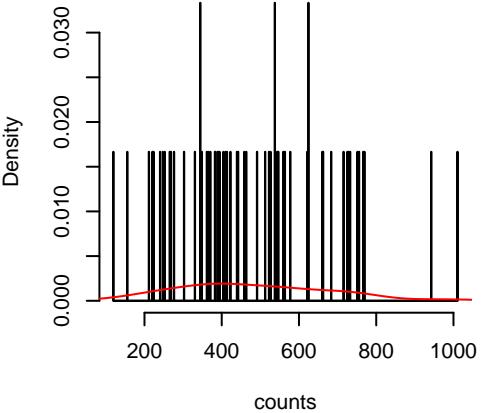
Prost-AdenoCA.SBS1.synthetic.exposure

N = 60 prob = 1  
mu = 495.11  
size = 5.68



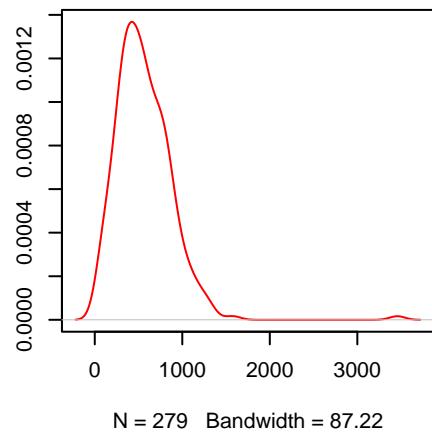
Prost-AdenoCA.SBS1.noisy.exposure

N = 60 prob = 1  
neg.binom.size = 30  
mu = 481.88  
size = 5.96



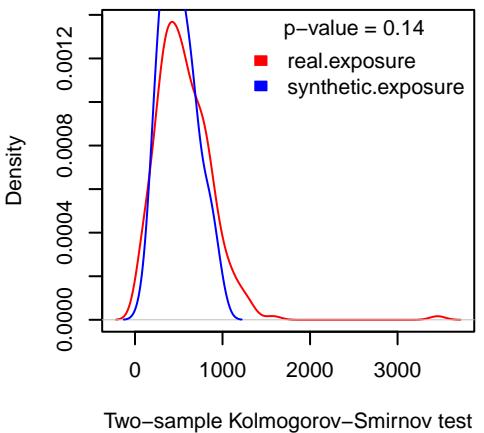
Prost-AdenoCA.SBS1.real.exposure

N = 279 prob = 1  
mu = 564.05  
size = 3.05



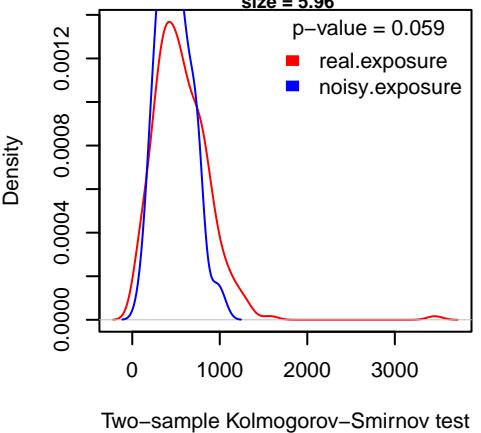
Prost-AdenoCA.SBS1.synthetic.exposure

N = 60 prob = 1  
mu = 495.11  
size = 5.68



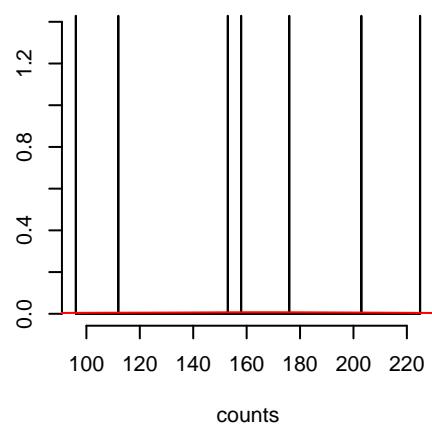
Prost-AdenoCA.SBS1.noisy.exposure

N = 60 prob = 1  
neg.binom.size = 30  
mu = 481.88  
size = 5.96



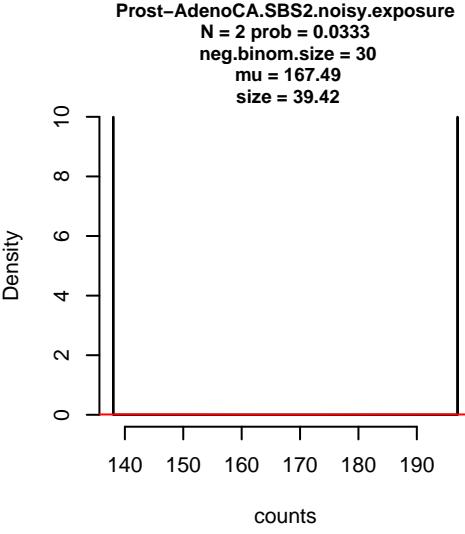
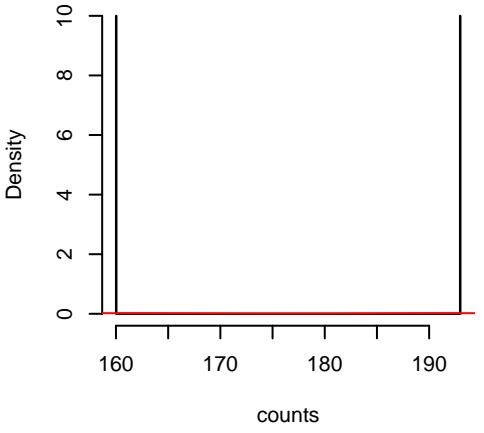
Prost-AdenoCA.SBS2.real.exposure

N = 7 prob = 0.0251  
mu = 160.42  
size = 14.44



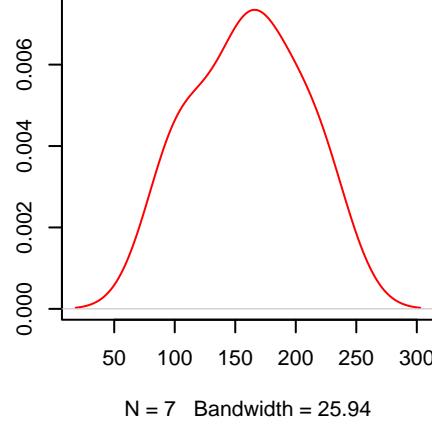
Prost-AdenoCA.SBS2.synthetic.exposure

N = 2 prob = 0.0333  
mu = 176.5  
size = 323.83



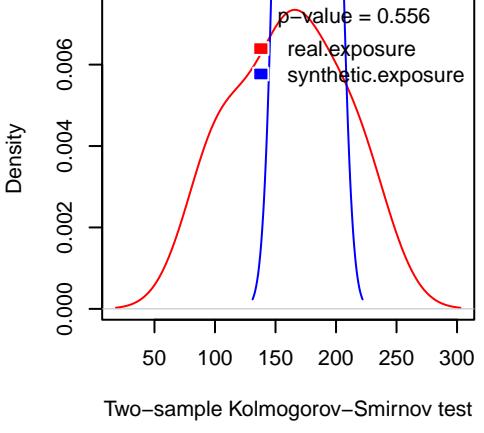
Prost-AdenoCA.SBS2.real.exposure

N = 7 prob = 0.0251  
mu = 160.42  
size = 14.44



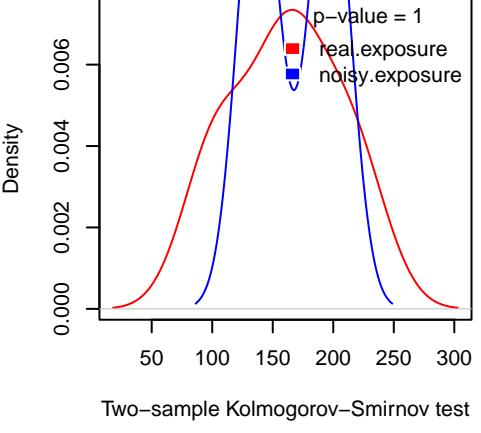
Prost-AdenoCA.SBS2.synthetic.exposure

N = 2 prob = 0.0333  
mu = 176.5  
size = 323.83

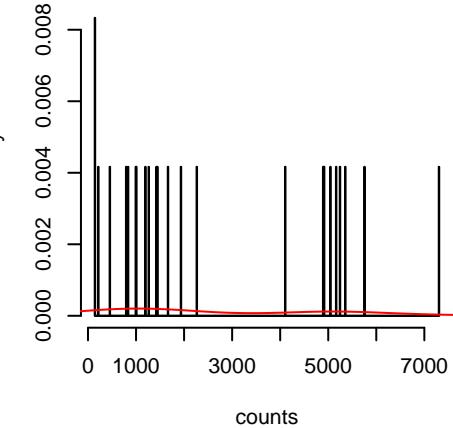


Prost-AdenoCA.SBS2.noisy.exposure

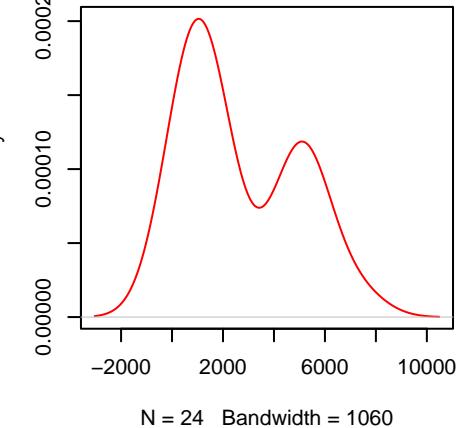
N = 2 prob = 0.0333  
neg.binom.size = 30  
mu = 167.49  
size = 39.42



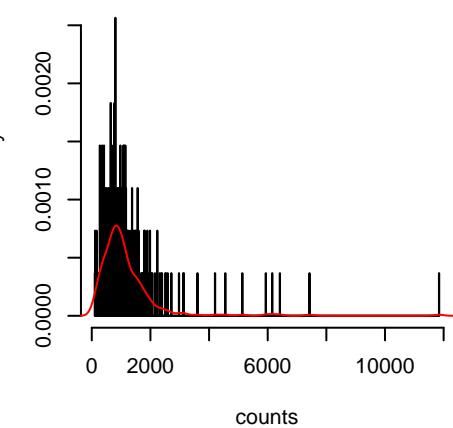
**Prost-AdenoCA.SBS3.real.exposure**  
 N = 24 prob = 0.086  
 mu = 2647.71  
 size = 1.15



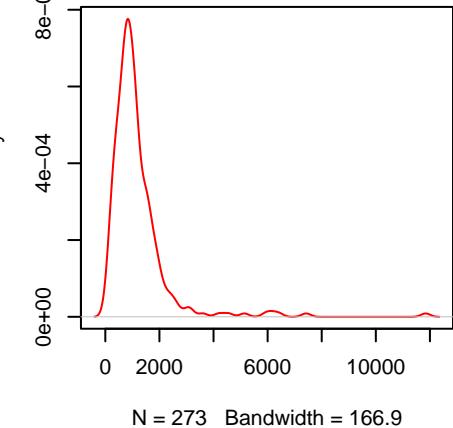
**Prost-AdenoCA.SBS3.real.exposure**  
 N = 24 prob = 0.086  
 mu = 2647.71  
 size = 1.15



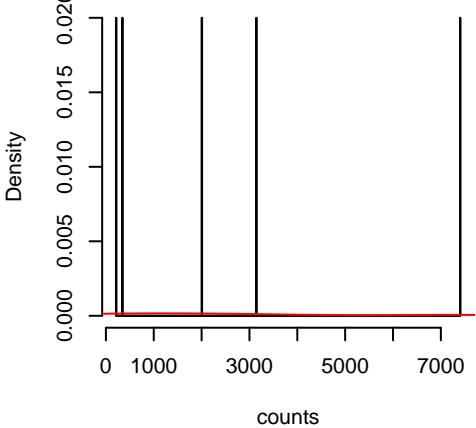
**Prost-AdenoCA.SBS5.real.exposure**  
 N = 273 prob = 0.9785  
 mu = 1187.71  
 size = 2.02



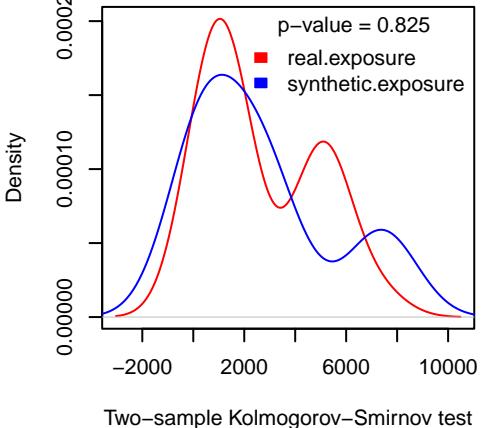
**Prost-AdenoCA.SBS5.real.exposure**  
 N = 273 prob = 0.9785  
 mu = 1187.71  
 size = 2.02



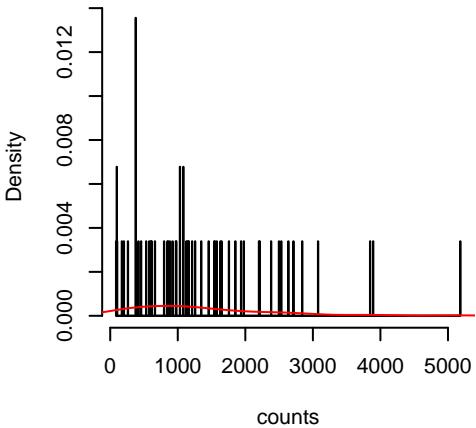
**Prost-AdenoCA.SBS3.synthetic.exposure**  
 N = 5 prob = 0.0833  
 mu = 2624.5  
 size = 0.83



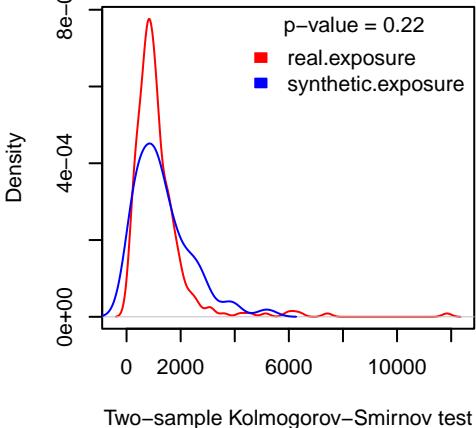
**Prost-AdenoCA.SBS3.synthetic.exposure**  
 N = 5 prob = 0.0833  
 mu = 2624.5  
 size = 0.83



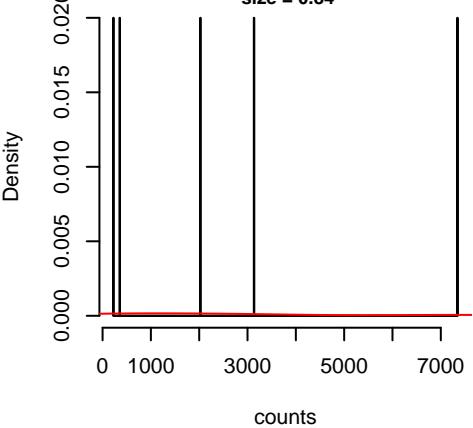
**Prost-AdenoCA.SBS5.synthetic.exposure**  
 N = 59 prob = 0.9833  
 mu = 1336.48  
 size = 1.55



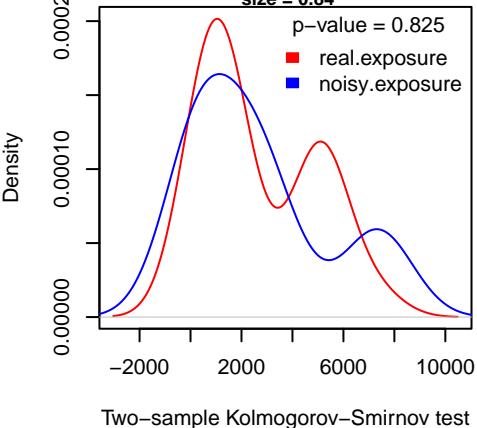
**Prost-AdenoCA.SBS5.synthetic.exposure**  
 N = 59 prob = 0.9833  
 mu = 1336.48  
 size = 1.55



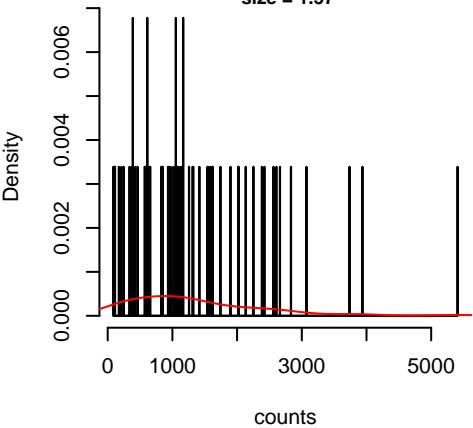
**Prost-AdenoCA.SBS3.noisy.exposure**  
 N = 5 prob = 0.0833  
 neg.binom.size = 30  
 mu = 2615.93  
 size = 0.84



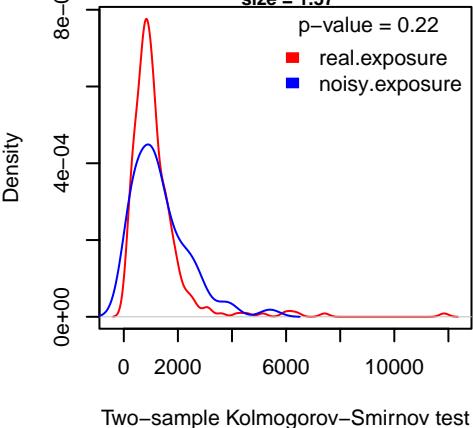
**Prost-AdenoCA.SBS3.noisy.exposure**  
 N = 5 prob = 0.0833  
 neg.binom.size = 30  
 mu = 2615.93  
 size = 0.84



**Prost-AdenoCA.SBS5.noisy.exposure**  
 N = 59 prob = 0.9833  
 neg.binom.size = 30  
 mu = 1344.12  
 size = 1.57

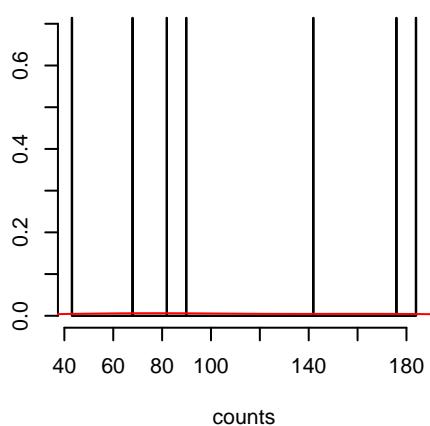


**Prost-AdenoCA.SBS5.noisy.exposure**  
 N = 59 prob = 0.9833  
 neg.binom.size = 30  
 mu = 1344.12  
 size = 1.57



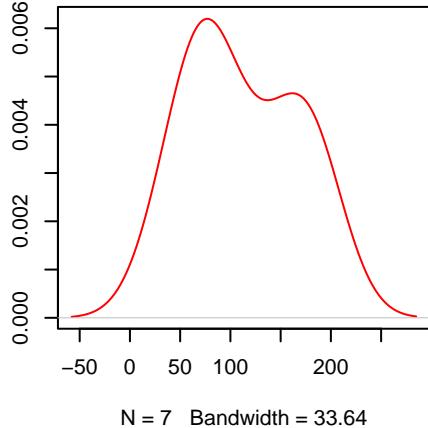
Prost-AdenoCA.SBS13.real.exposure

N = 7 prob = 0.0251  
mu = 112.15  
size = 4.69



Prost-AdenoCA.SBS13.real.exposure

N = 7 prob = 0.0251  
mu = 112.15  
size = 4.69



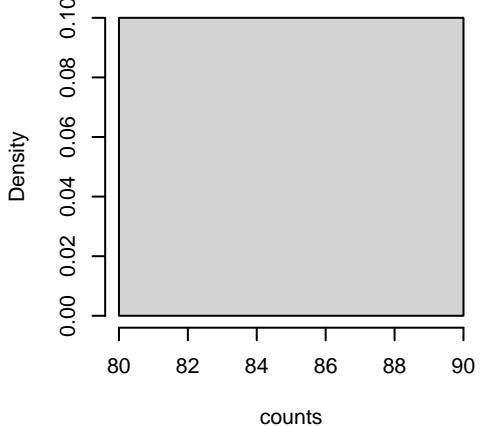
N = 7 Bandwidth = 33.64

Prost-AdenoCA.SBS13.synthetic.exposure

N = 1 prob = 0.0167  
mu = 89  
size = 0.5

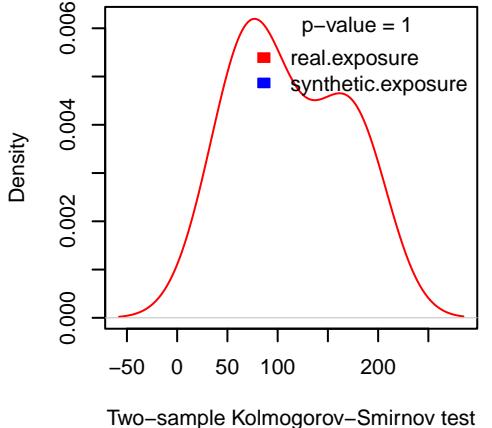
Prost-AdenoCA.SBS13.synthetic.exposure

N = 1 prob = 0.0167  
mu = 89  
size = 0.5



Prost-AdenoCA.SBS13.synthetic.exposure

N = 1 prob = 0.0167  
mu = 89  
size = 0.5



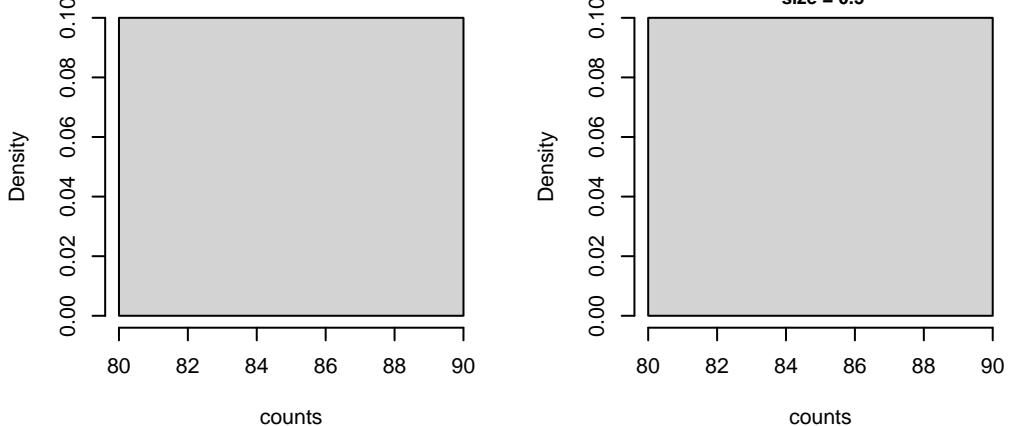
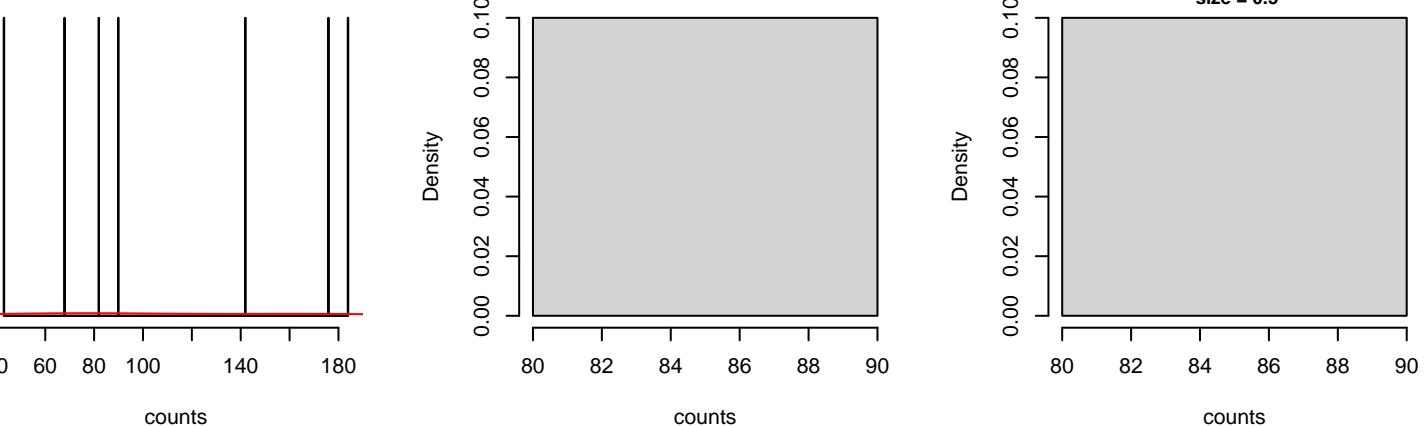
Two-sample Kolmogorov-Smirnov test

Prost-AdenoCA.SBS18.real.exposure

N = 100 prob = 0.3584  
mu = 504.8  
size = 2.76

Prost-AdenoCA.SBS18.synthetic.exposure

N = 18 prob = 0.3  
mu = 573.8  
size = 2.5

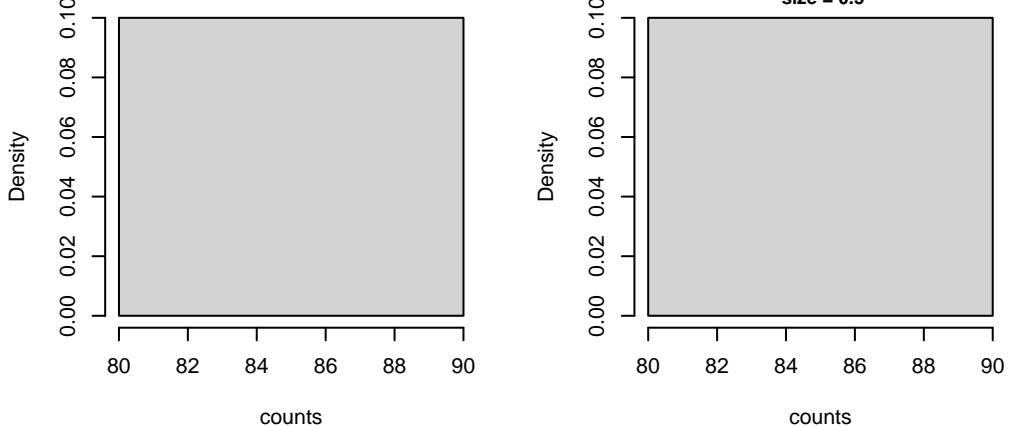
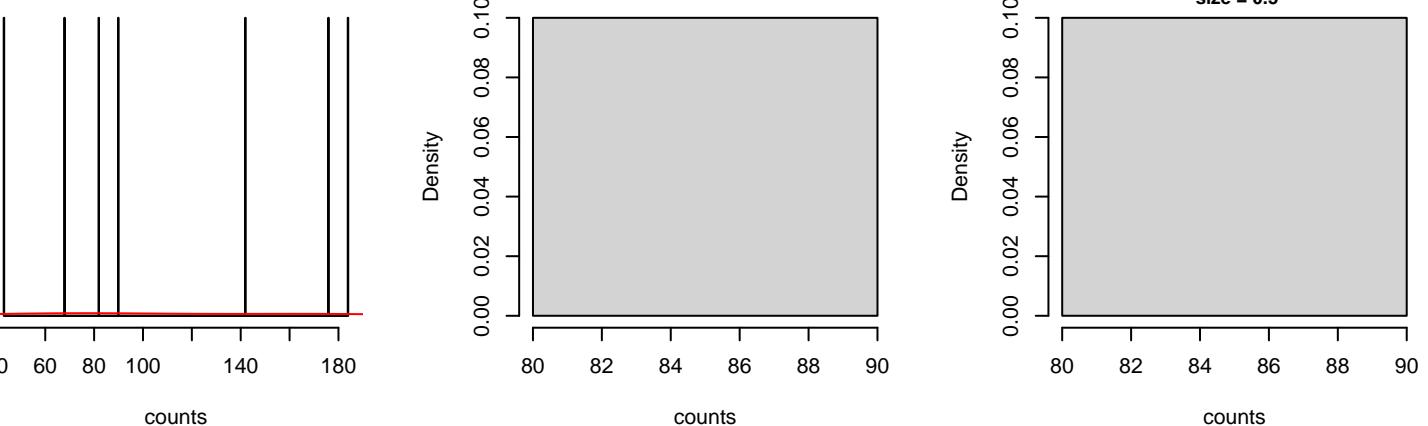


Prost-AdenoCA.SBS18.real.exposure

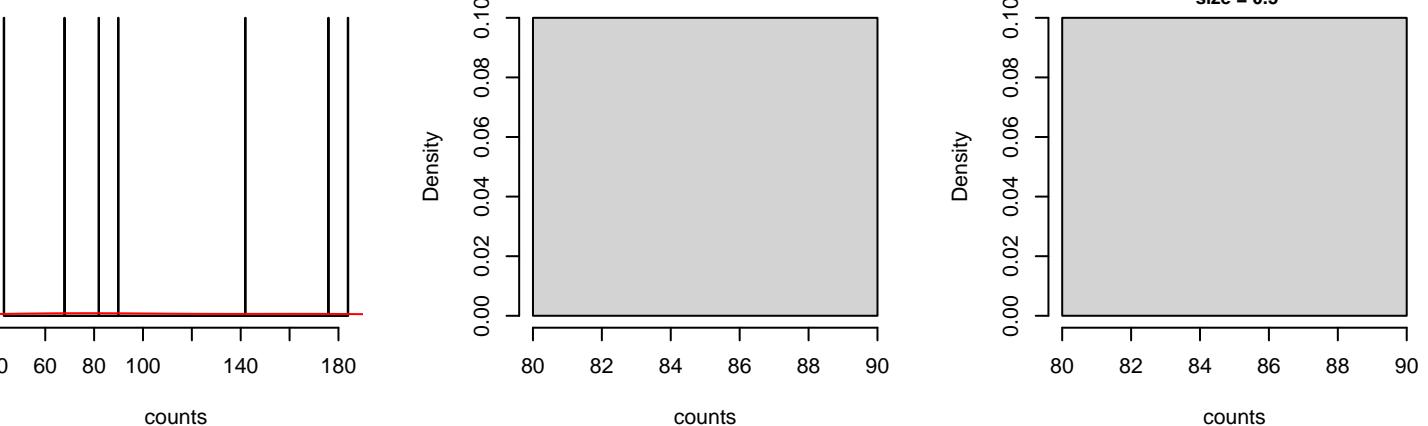
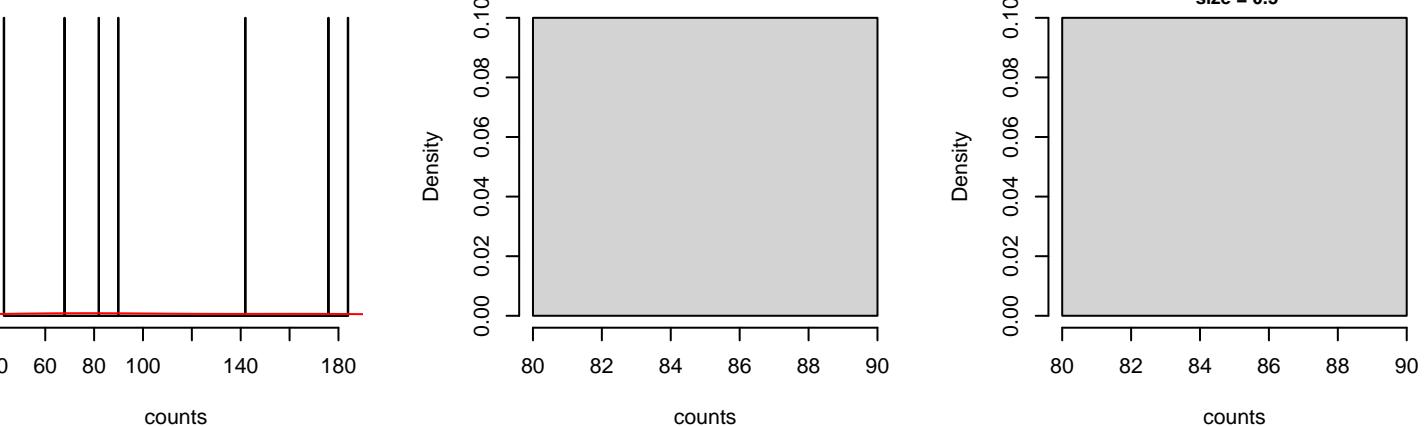
N = 100 prob = 0.3584  
mu = 504.8  
size = 2.76

Prost-AdenoCA.SBS18.synthetic.exposure

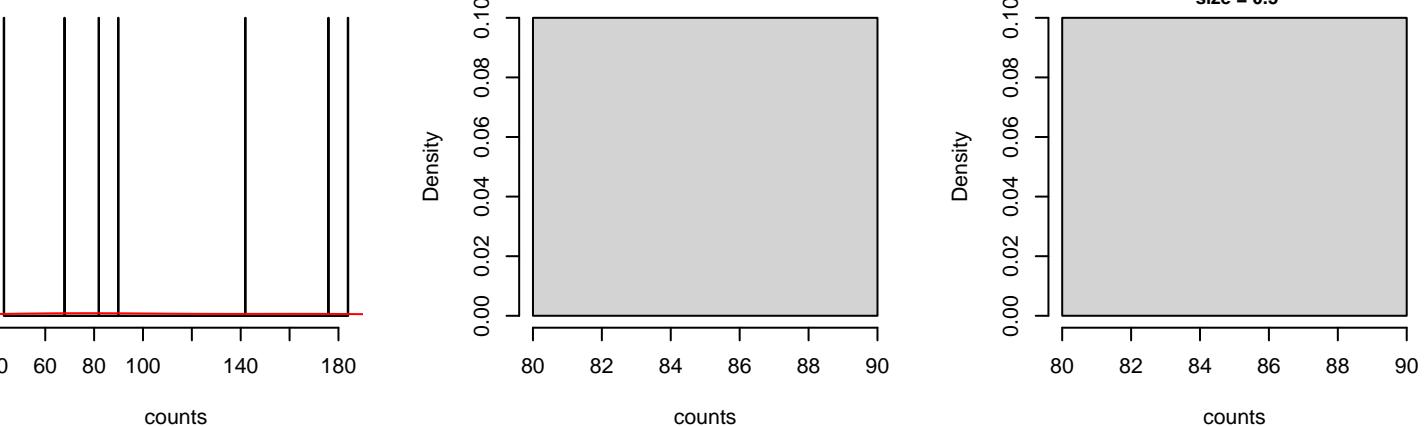
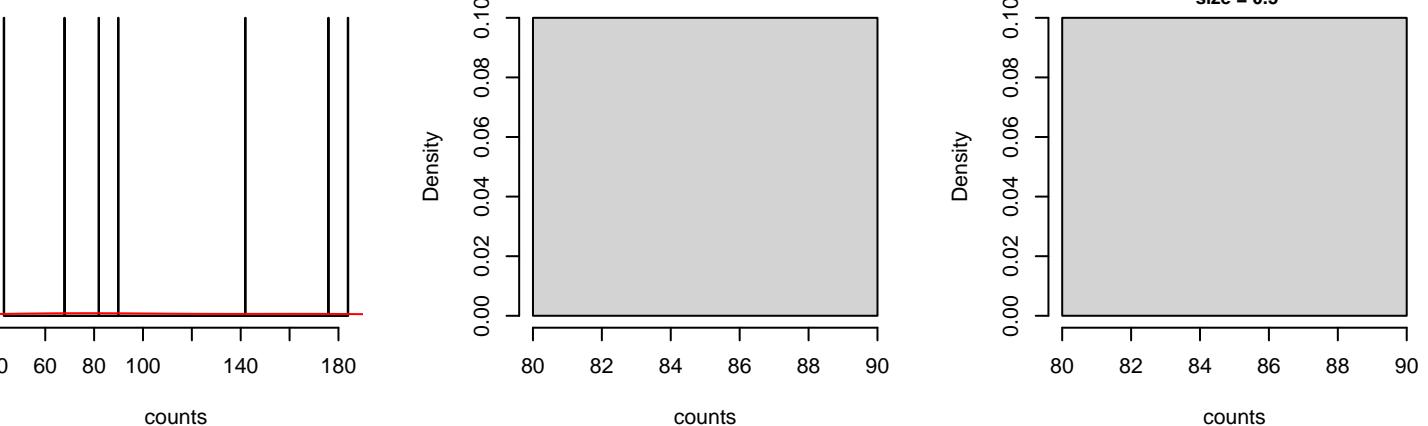
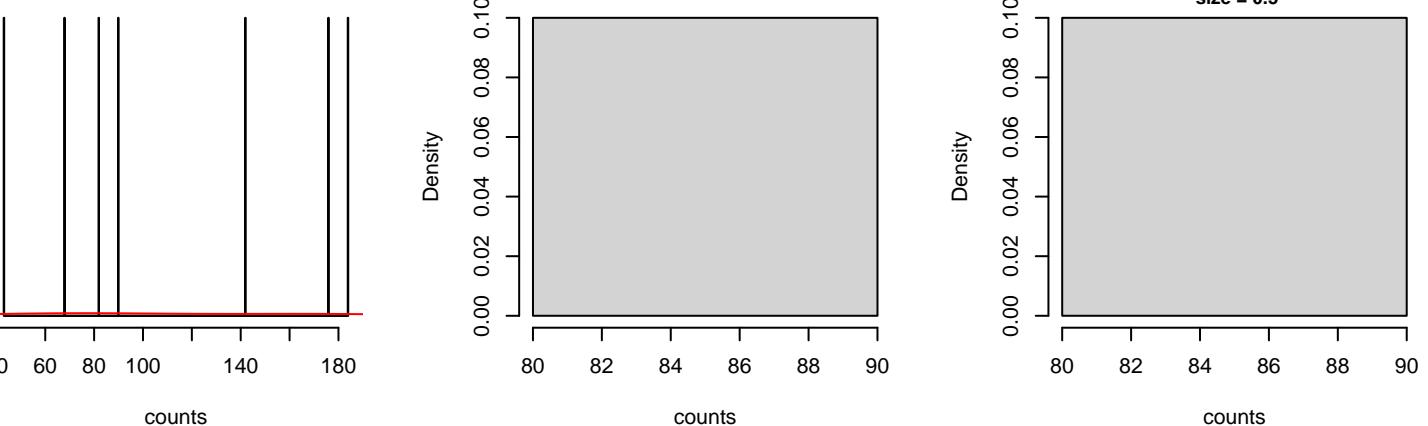
N = 18 prob = 0.3  
mu = 573.8  
size = 2.5



Two-sample Kolmogorov-Smirnov test

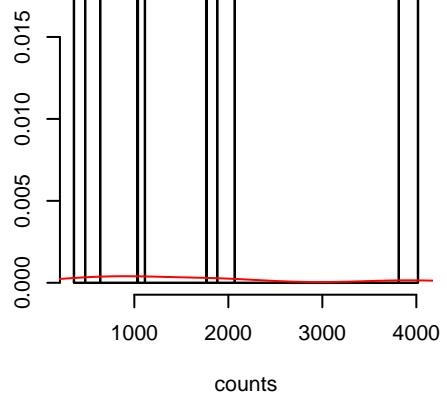


Two-sample Kolmogorov-Smirnov test

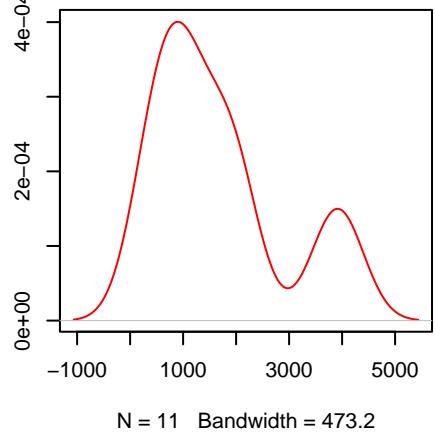


Two-sample Kolmogorov-Smirnov test

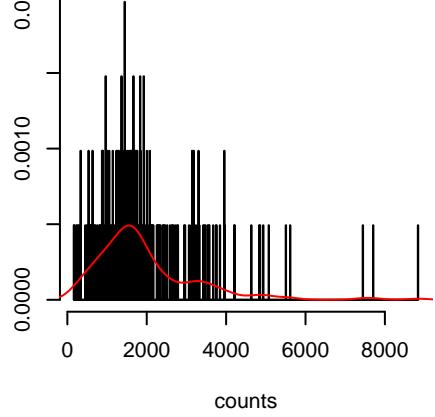
Prost-AdenoCA.SBS37.real.exposure  
N = 11 prob = 0.0394  
mu = 1655.23  
size = 2.03



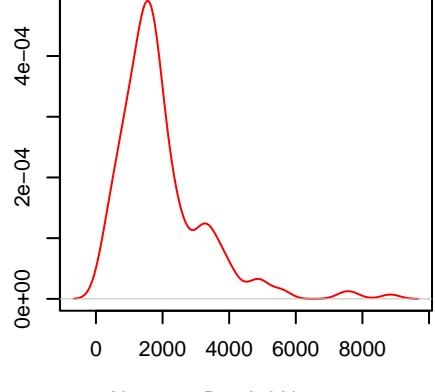
Prost-AdenoCA.SBS37.real.exposure  
N = 11 prob = 0.0394  
mu = 1655.23  
size = 2.03



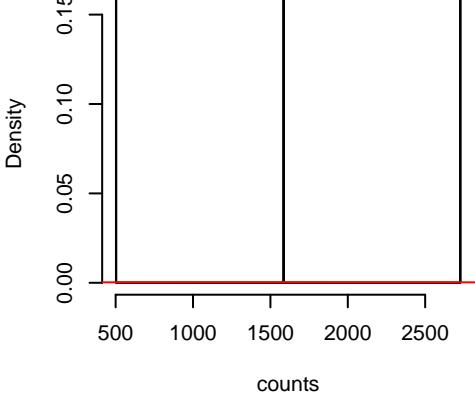
Prost-AdenoCA.SBS40.real.exposure  
N = 203 prob = 0.7276  
mu = 1955.65  
size = 2.59



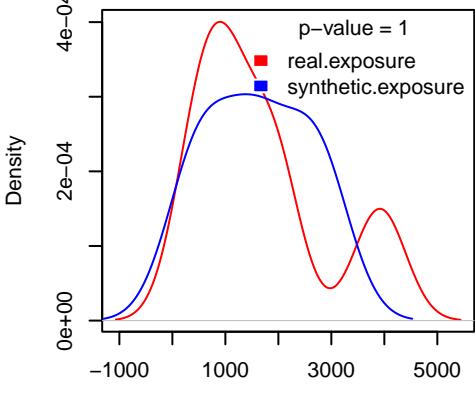
Prost-AdenoCA.SBS40.real.exposure  
N = 203 prob = 0.7276  
mu = 1955.65  
size = 2.59



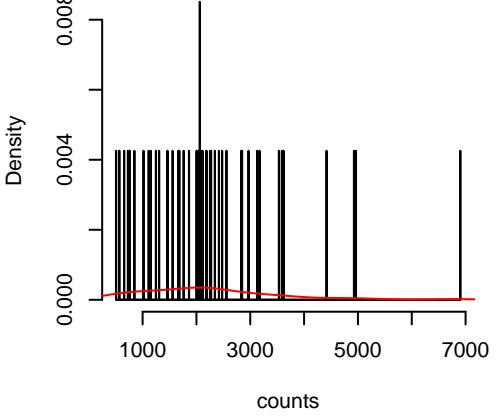
Prost-AdenoCA.SBS37.synthetic.exposure  
N = 3 prob = 0.05  
mu = 1604.87  
size = 2.49



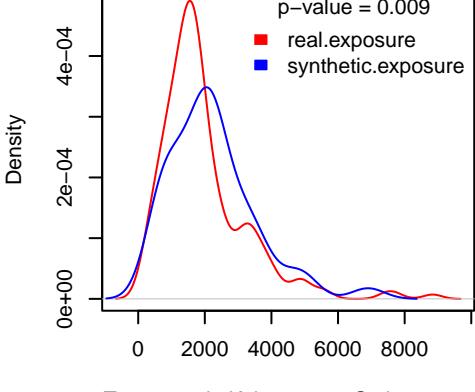
Prost-AdenoCA.SBS37.synthetic.exposure  
N = 3 prob = 0.05  
mu = 1604.87  
size = 2.49



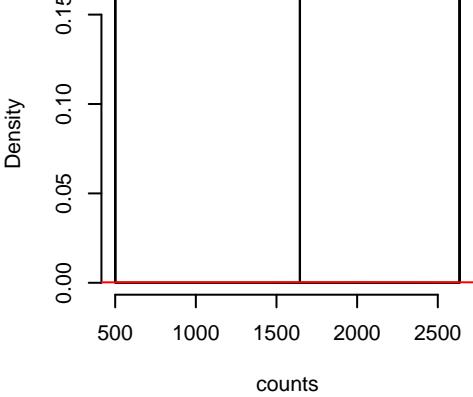
Prost-AdenoCA.SBS40.synthetic.exposure  
N = 47 prob = 0.7833  
mu = 2230.54  
size = 3.04



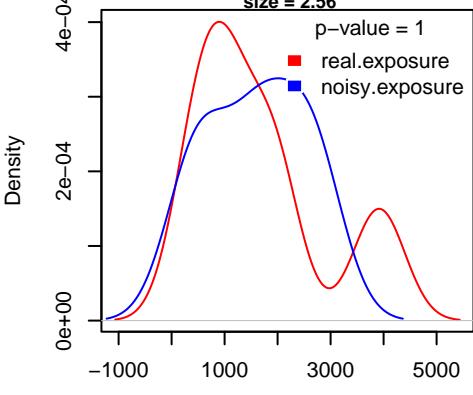
Prost-AdenoCA.SBS40.synthetic.exposure  
N = 47 prob = 0.7833  
mu = 2230.54  
size = 3.04



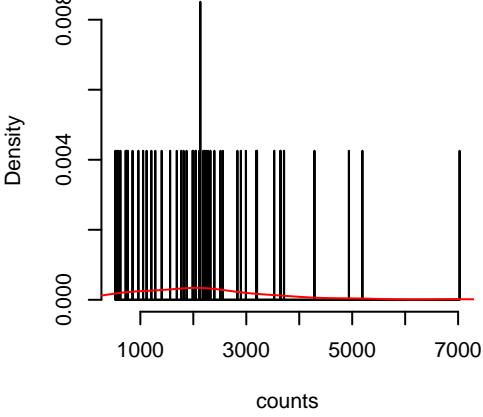
Prost-AdenoCA.SBS37.noisy.exposure  
N = 3 prob = 0.05  
neg.binom.size = 30  
mu = 1594.12  
size = 2.56



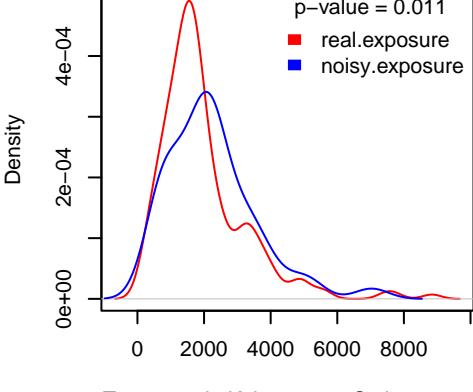
Prost-AdenoCA.SBS37.noisy.exposure  
N = 3 prob = 0.05  
neg.binom.size = 30  
mu = 1594.12  
size = 2.56



Prost-AdenoCA.SBS40.noisy.exposure  
N = 47 prob = 0.7833  
neg.binom.size = 30  
mu = 2242.06  
size = 2.97



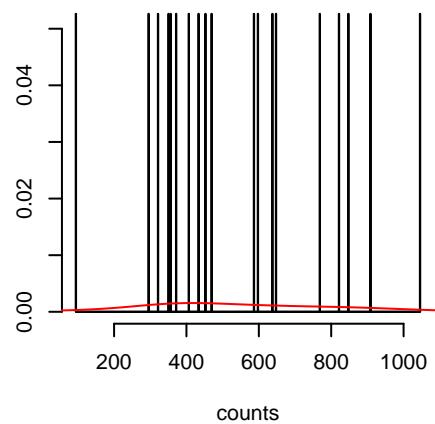
Prost-AdenoCA.SBS40.noisy.exposure  
N = 47 prob = 0.7833  
neg.binom.size = 30  
mu = 2242.06  
size = 2.97



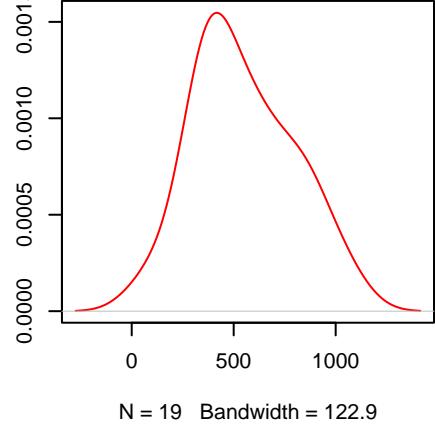
Two-sample Kolmogorov-Smirnov test

Two-sample Kolmogorov-Smirnov test

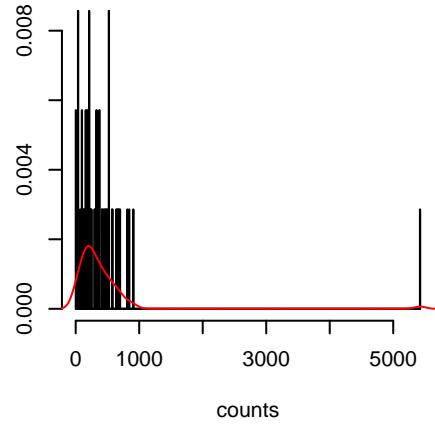
Prost-AdenoCA.SBS41.real.exposure  
N = 19 prob = 0.0681  
mu = 548.47  
size = 4.43



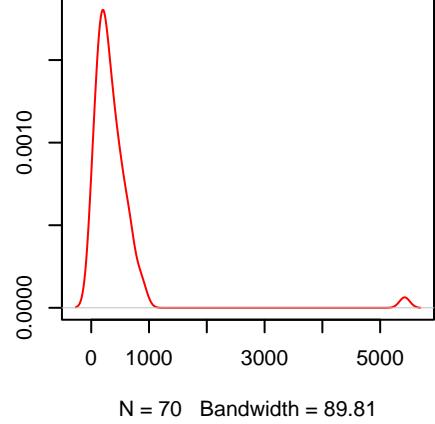
Prost-AdenoCA.SBS41.real.exposure  
N = 19 prob = 0.0681  
mu = 548.47  
size = 4.43



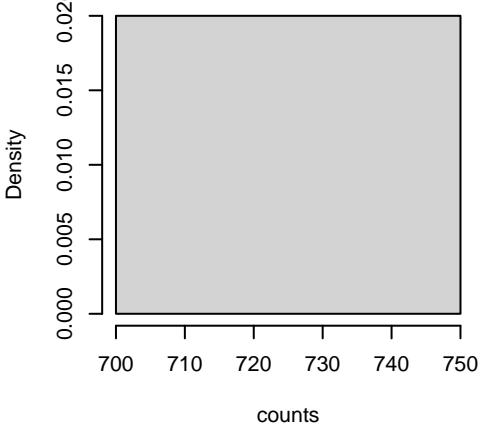
Skin-Melanoma.SBS1.real.exposure  
N = 70 prob = 0.6604  
mu = 392.85  
size = 1.04



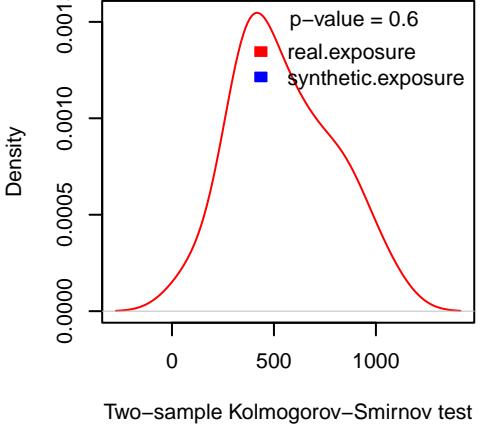
Skin-Melanoma.SBS1.real.exposure  
N = 70 prob = 0.6604  
mu = 392.85  
size = 1.04



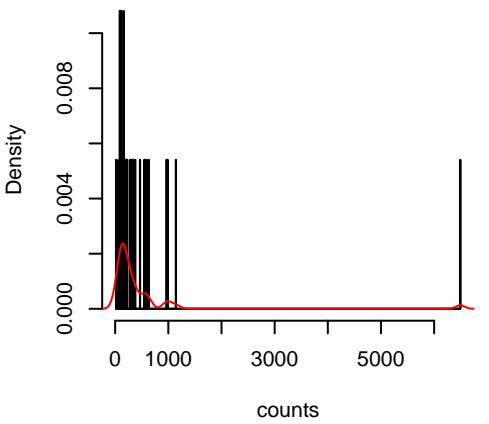
Prost-AdenoCA.SBS41.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 750  
size = 1.09



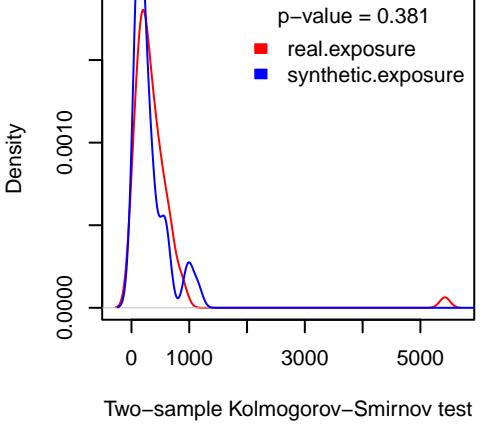
Prost-AdenoCA.SBS41.synthetic.exposure  
N = 1 prob = 0.0167  
mu = 750  
size = 1.09



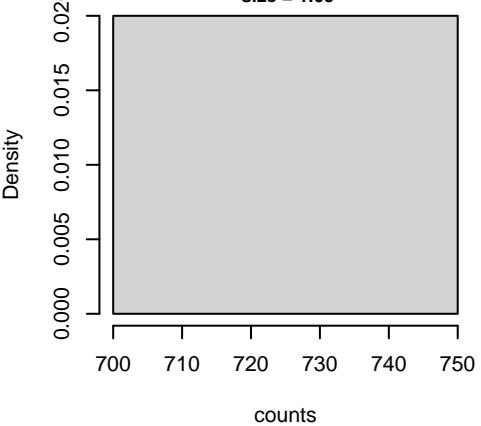
Skin-Melanoma.SBS1.synthetic.exposure  
N = 37 prob = 0.6167  
mu = 469.07  
size = 0.82



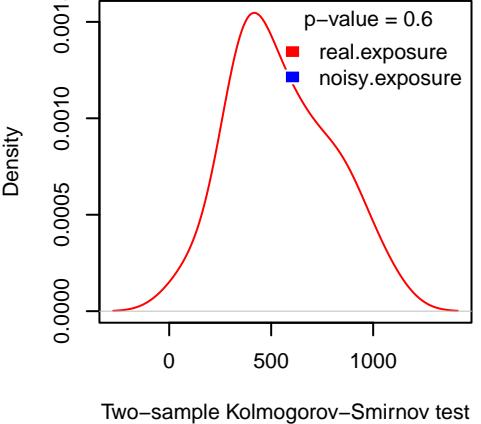
Skin-Melanoma.SBS1.synthetic.exposure  
N = 37 prob = 0.6167  
mu = 469.07  
size = 0.82



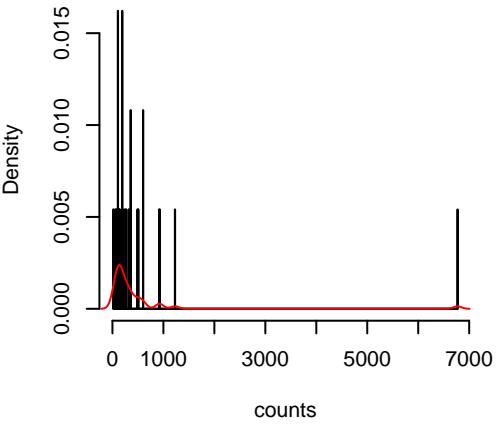
Prost-AdenoCA.SBS41.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 726  
size = 1.09



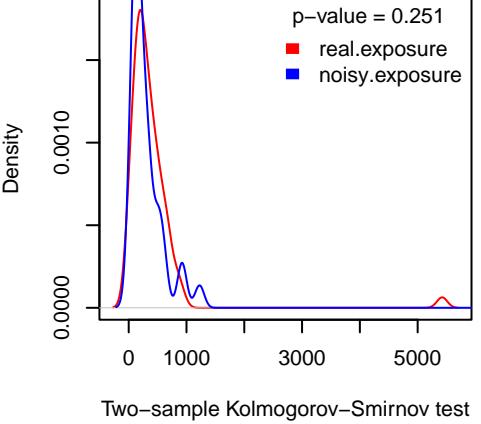
Prost-AdenoCA.SBS41.noisy.exposure  
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 726  
size = 1.09



Skin-Melanoma.SBS1.noisy.exposure  
N = 37 prob = 0.6167  
neg.binom.size = 30  
mu = 471.88  
size = 0.79

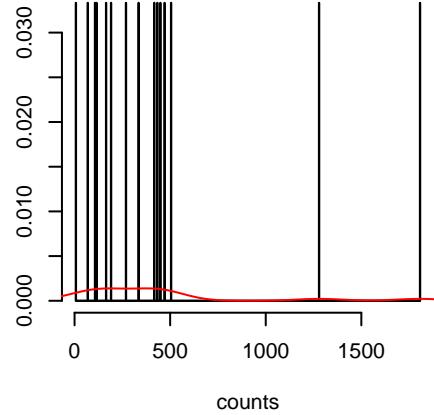


Skin-Melanoma.SBS1.noisy.exposure  
N = 37 prob = 0.6167  
neg.binom.size = 30  
mu = 471.88  
size = 0.79



## Skin-Melanoma.SBS2.real.exposure

N = 15 prob = 0.1415  
mu = 441.77  
size = 0.99

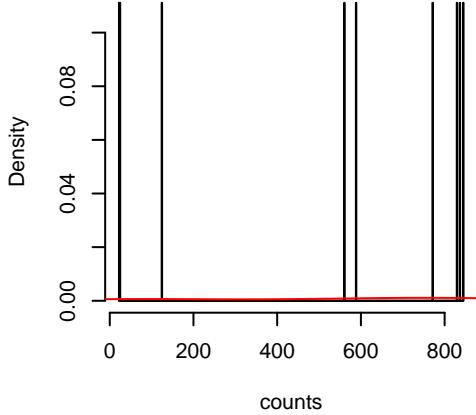


## Skin-Melanoma.SBS2.synthetic.exposure

N = 9 prob = 0.15  
mu = 511.78  
size = 0.96

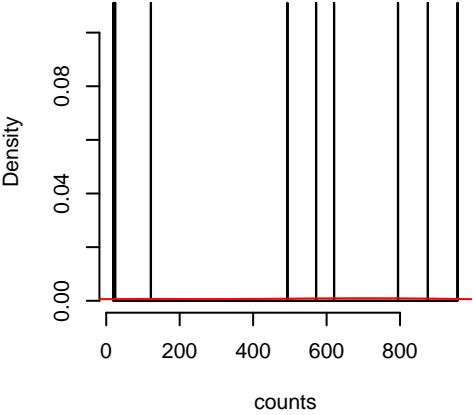
## Skin-Melanoma.SBS2.synthetic.exposure

N = 9 prob = 0.15  
mu = 511.78  
size = 0.96



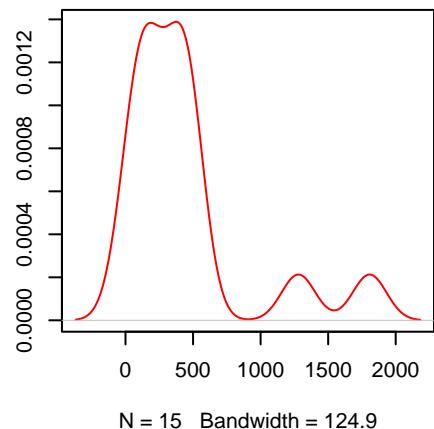
## Skin-Melanoma.SBS2.noisy.exposure

N = 9 prob = 0.15  
neg.binom.size = 30  
mu = 497.9  
size = 0.94



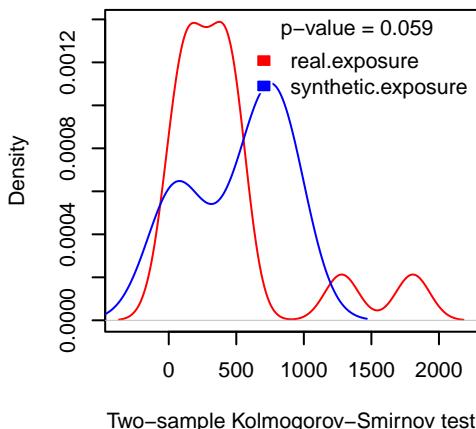
## Skin-Melanoma.SBS2.real.exposure

N = 15 prob = 0.1415  
mu = 441.77  
size = 0.99



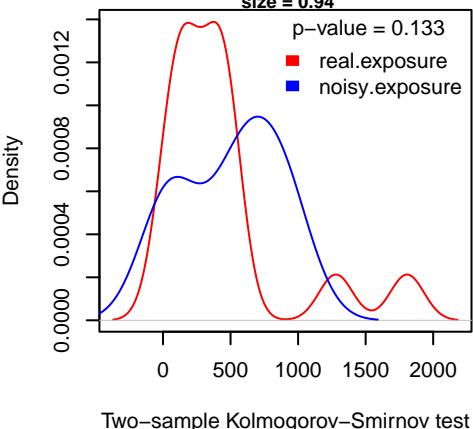
## Skin-Melanoma.SBS2.synthetic.exposure

N = 9 prob = 0.15  
mu = 511.78  
size = 0.96



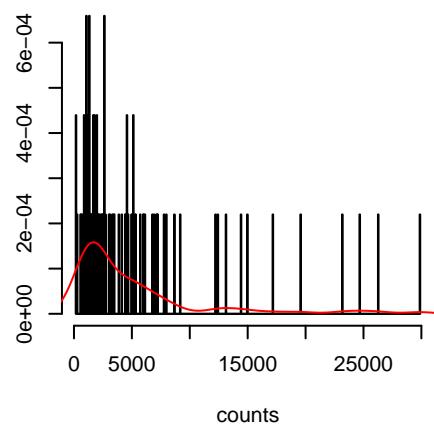
## Skin-Melanoma.SBS2.noisy.exposure

N = 9 prob = 0.15  
neg.binom.size = 30  
mu = 497.9  
size = 0.94



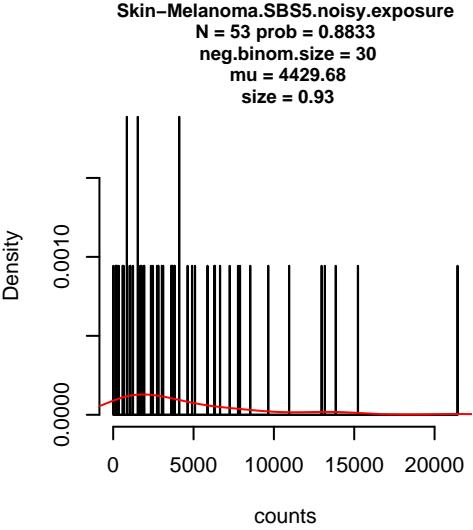
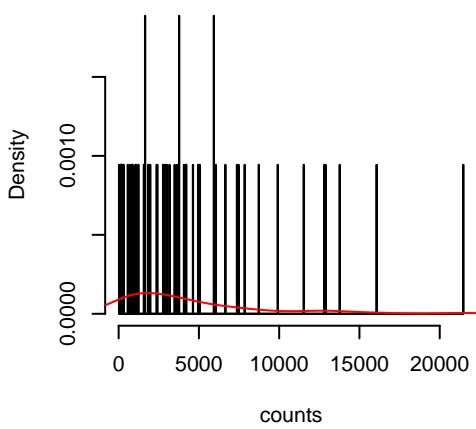
## Skin-Melanoma.SBS5.real.exposure

N = 91 prob = 0.8585  
mu = 4997.89  
size = 1.04



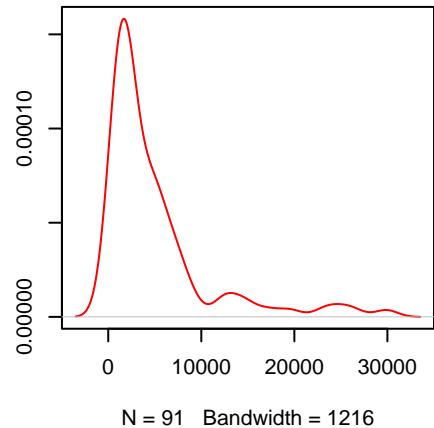
## Skin-Melanoma.SBS5.synthetic.exposure

N = 53 prob = 0.8833  
mu = 4454.14  
size = 0.93



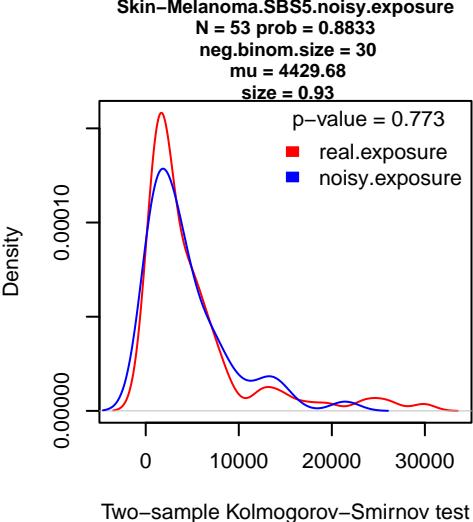
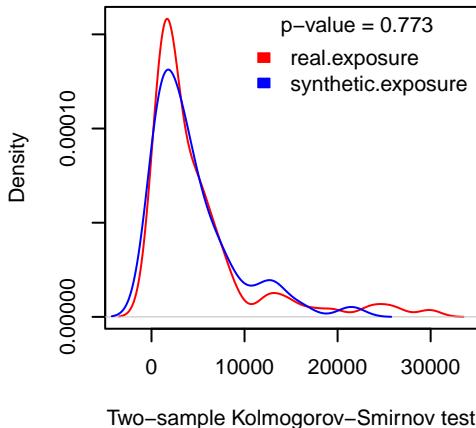
## Skin-Melanoma.SBS5.real.exposure

N = 91 prob = 0.8585  
mu = 4997.89  
size = 1.04

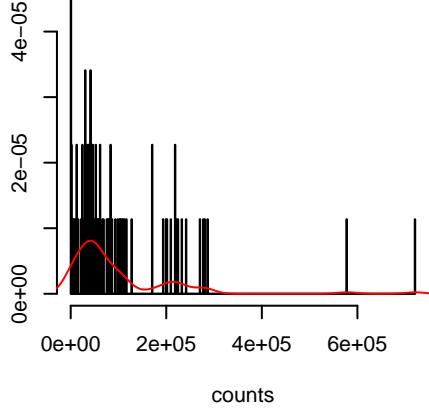


## Skin-Melanoma.SBS5.synthetic.exposure

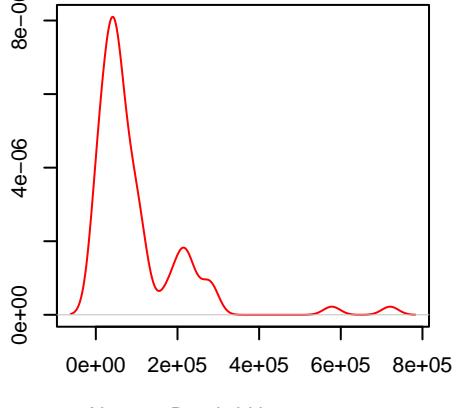
N = 53 prob = 0.8833  
mu = 4454.14  
size = 0.93



Skin-Melanoma.SBS7a.real.exposure  
N = 88 prob = 0.8302  
mu = 95299.19  
size = 0.79

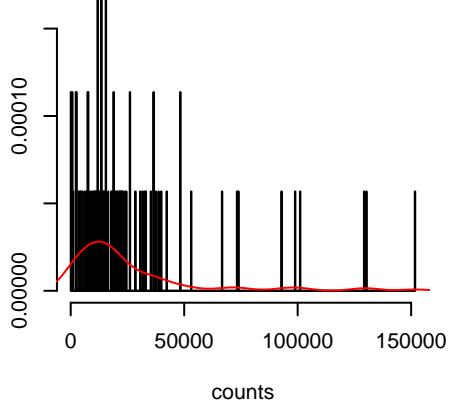


Skin-Melanoma.SBS7a.real.exposure  
N = 88 prob = 0.8302  
mu = 95299.19  
size = 0.79

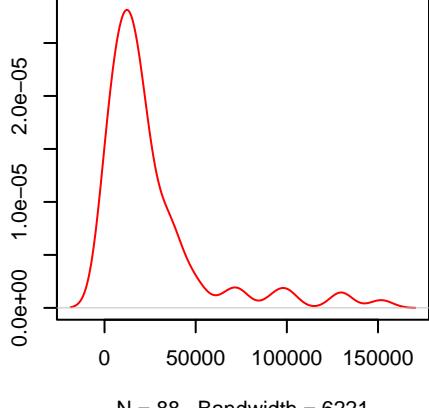


N = 88 Bandwidth = 2.053e+04

Skin-Melanoma.SBS7b.real.exposure  
N = 88 prob = 0.8302  
mu = 25757.84  
size = 0.9

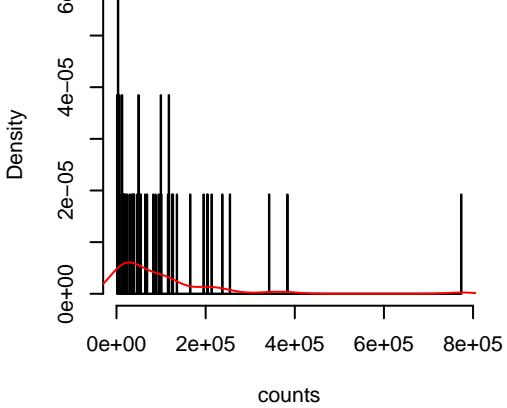


Skin-Melanoma.SBS7b.real.exposure  
N = 88 prob = 0.8302  
mu = 25757.84  
size = 0.9

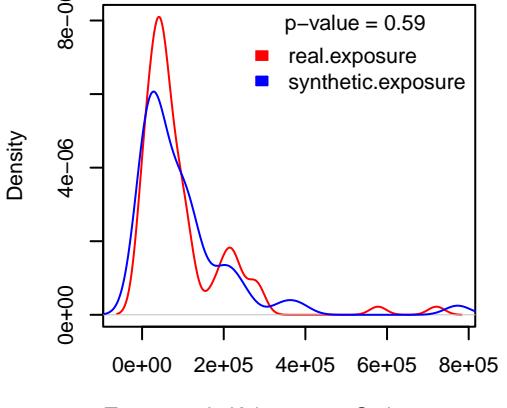


N = 88 Bandwidth = 6221

Skin-Melanoma.SBS7a.synthetic.exposure  
N = 52 prob = 0.8667  
mu = 99061.19  
size = 0.75

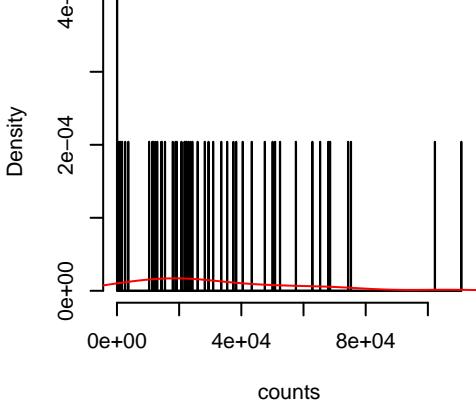


Skin-Melanoma.SBS7a.synthetic.exposure  
N = 52 prob = 0.8667  
mu = 99061.19  
size = 0.75

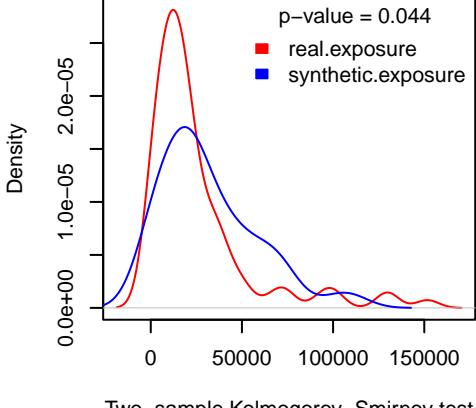


Two-sample Kolmogorov-Smirnov test

Skin-Melanoma.SBS7b.synthetic.exposure  
N = 49 prob = 0.8167  
mu = 31765.97  
size = 0.78

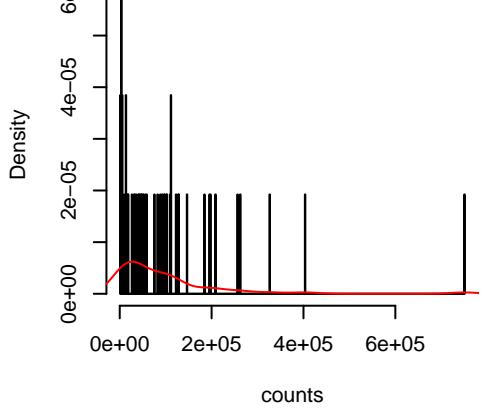


Skin-Melanoma.SBS7b.synthetic.exposure  
N = 49 prob = 0.8167  
mu = 31765.97  
size = 0.78

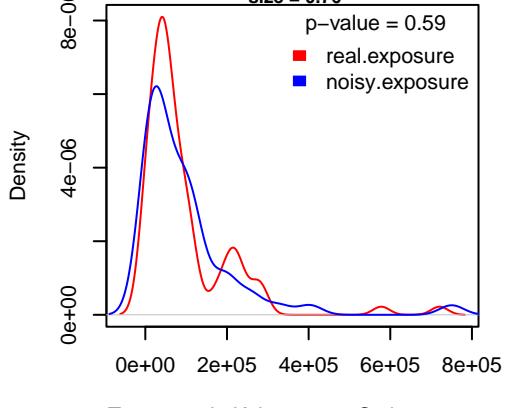


Two-sample Kolmogorov-Smirnov test

Skin-Melanoma.SBS7a.noisy.exposure  
N = 52 prob = 0.8667  
neg.binom.size = 30  
mu = 97610.54  
size = 0.76

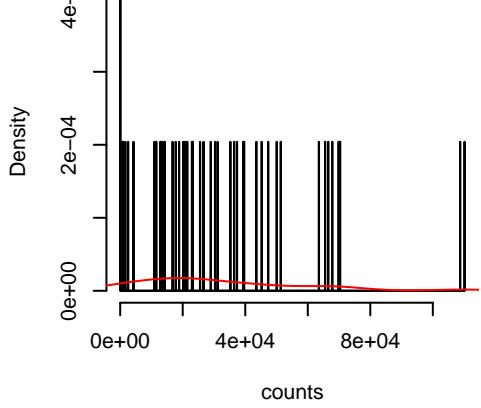


Skin-Melanoma.SBS7a.noisy.exposure  
N = 52 prob = 0.8667  
neg.binom.size = 30  
mu = 97610.54  
size = 0.76

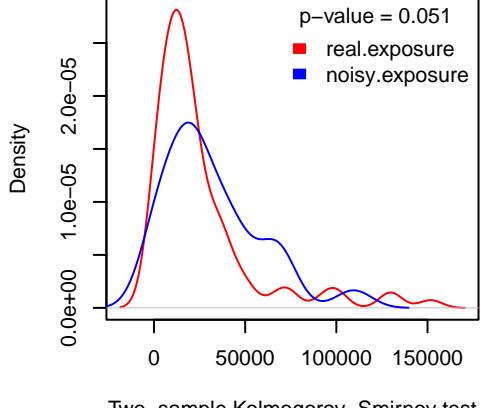


Two-sample Kolmogorov-Smirnov test

Skin-Melanoma.SBS7b.noisy.exposure  
N = 49 prob = 0.8167  
neg.binom.size = 30  
mu = 31977.09  
size = 0.78

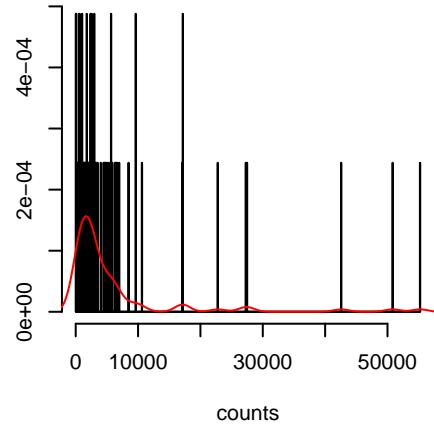


Skin-Melanoma.SBS7b.noisy.exposure  
N = 49 prob = 0.8167  
neg.binom.size = 30  
mu = 31977.09  
size = 0.78

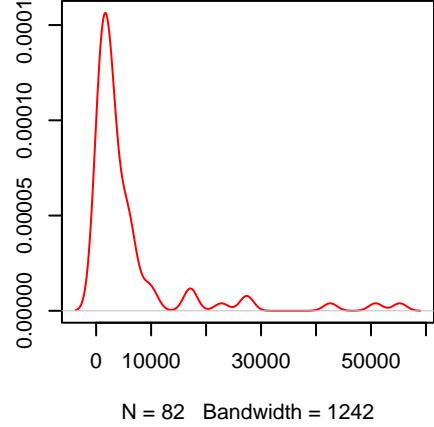


Two-sample Kolmogorov-Smirnov test

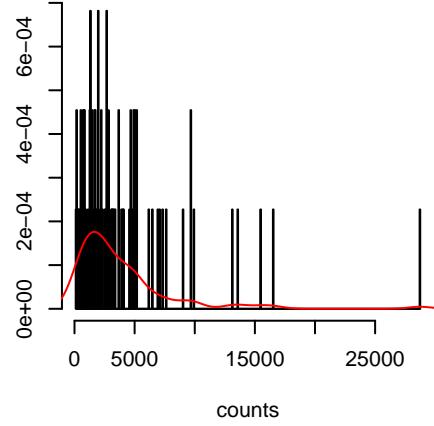
**Skin-Melanoma.SBS7c.real.exposure**  
 $N = 82$  prob = 0.7736  
 $\mu = 5994.68$   
size = 0.65



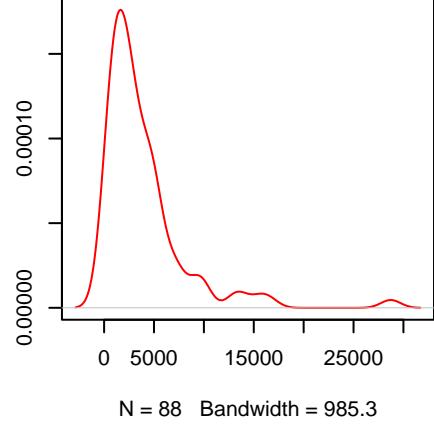
**Skin-Melanoma.SBS7c.real.exposure**  
 $N = 82$  prob = 0.7736  
 $\mu = 5994.68$   
size = 0.65



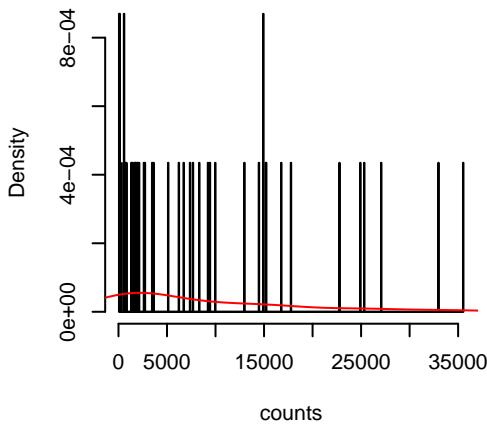
**Skin-Melanoma.SBS7d.real.exposure**  
 $N = 88$  prob = 0.8302  
 $\mu = 3893.78$   
size = 1.17



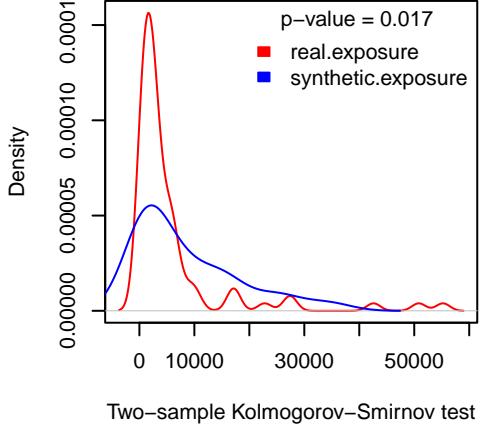
**Skin-Melanoma.SBS7d.real.exposure**  
 $N = 88$  prob = 0.8302  
 $\mu = 3893.78$   
size = 1.17



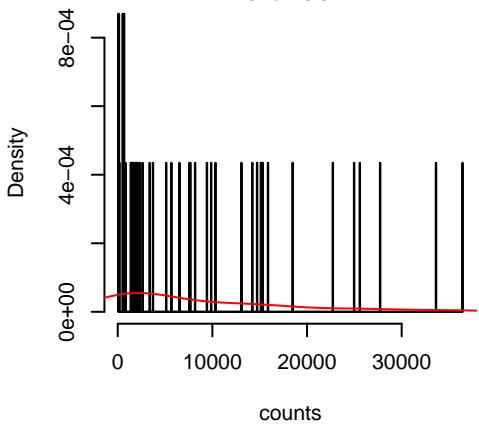
**Skin-Melanoma.SBS7c.synthetic.exposure**  
 $N = 46$  prob = 0.7667  
 $\mu = 8521.36$   
size = 0.65



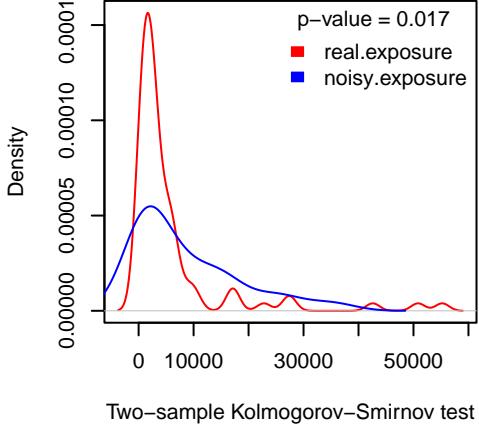
**Skin-Melanoma.SBS7c.synthetic.exposure**  
 $N = 46$  prob = 0.7667  
 $\mu = 8521.36$   
size = 0.65



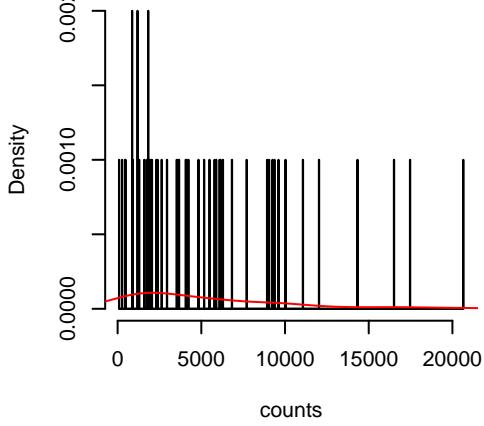
**Skin-Melanoma.SBS7c.noisy.exposure**  
 $N = 46$  prob = 0.7667  
neg.binom.size = 30  
 $\mu = 8563.21$   
size = 0.64



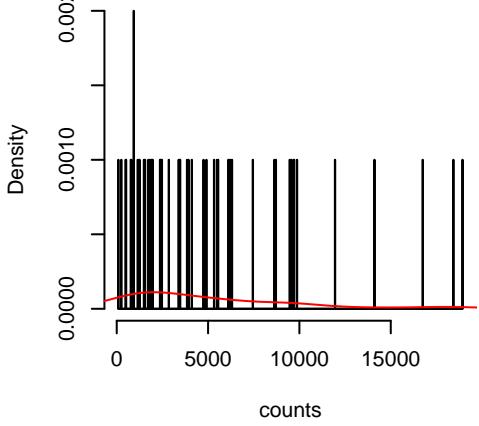
**Skin-Melanoma.SBS7c.noisy.exposure**  
 $N = 46$  prob = 0.7667  
neg.binom.size = 30  
 $\mu = 8563.21$   
size = 0.64



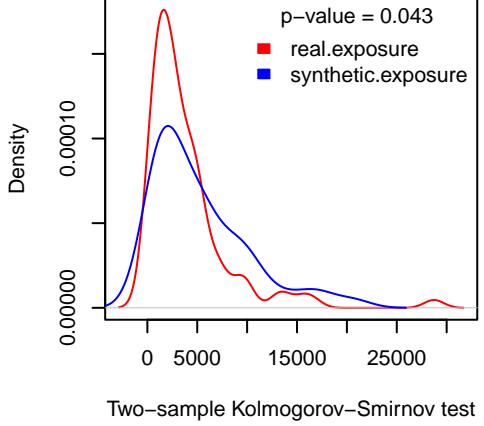
**Skin-Melanoma.SBS7d.synthetic.exposure**  
 $N = 50$  prob = 0.8333  
 $\mu = 5268.22$   
size = 1.16



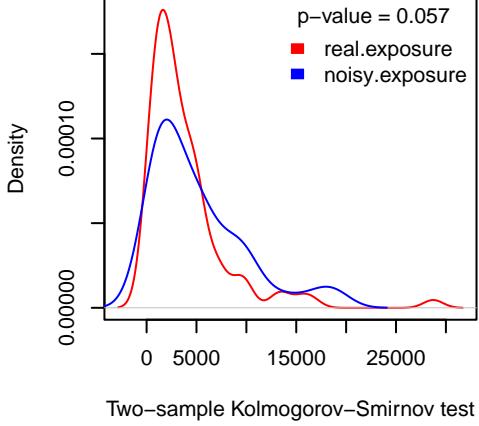
**Skin-Melanoma.SBS7d.noisy.exposure**  
 $N = 50$  prob = 0.8333  
neg.binom.size = 30  
 $\mu = 5139.16$   
size = 1.15



**Skin-Melanoma.SBS7d.real.exposure**  
 $N = 88$  prob = 0.8302  
 $\mu = 3893.78$   
size = 1.17

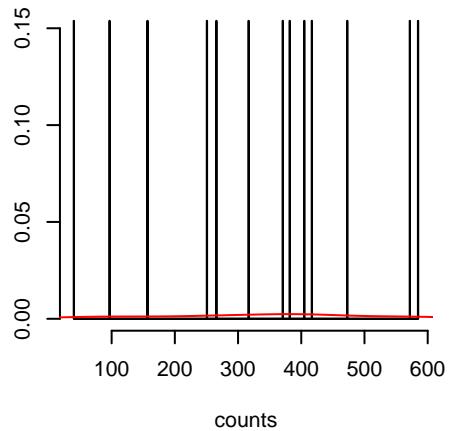


**Skin-Melanoma.SBS7d.noisy.exposure**  
 $N = 50$  prob = 0.8333  
neg.binom.size = 30  
 $\mu = 5139.16$   
size = 1.15



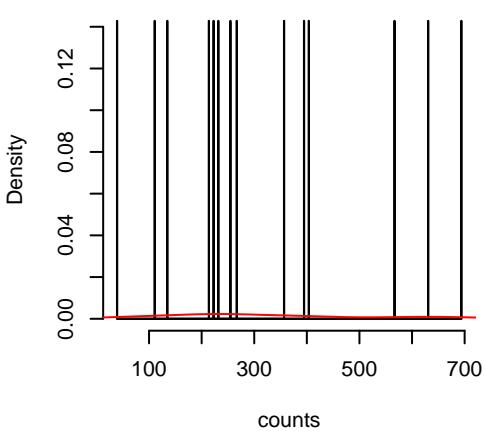
Skin-Melanoma.SBS13.real.exposure

N = 13 prob = 0.1226  
mu = 333.32  
size = 2.75



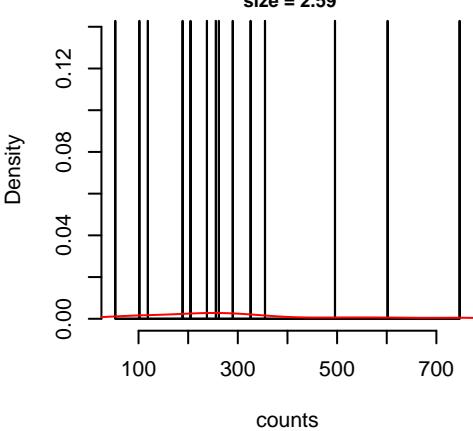
Skin-Melanoma.SBS13.synthetic.exposure

N = 14 prob = 0.2333  
mu = 323.08  
size = 2.46



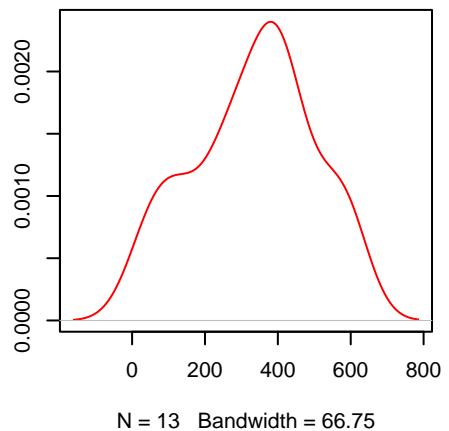
Skin-Melanoma.SBS13.noisy.exposure

N = 14 prob = 0.2333  
neg.binom.size = 30  
mu = 302.85  
size = 2.59



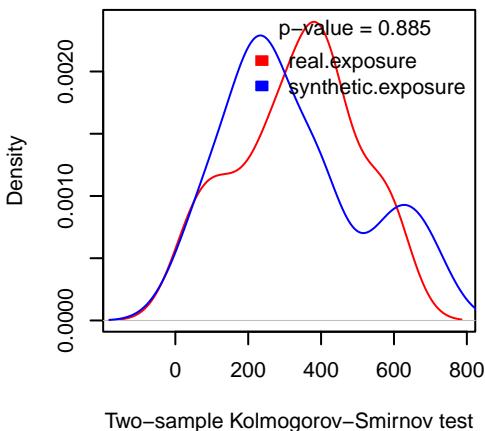
Skin-Melanoma.SBS13.real.exposure

N = 13 prob = 0.1226  
mu = 333.32  
size = 2.75



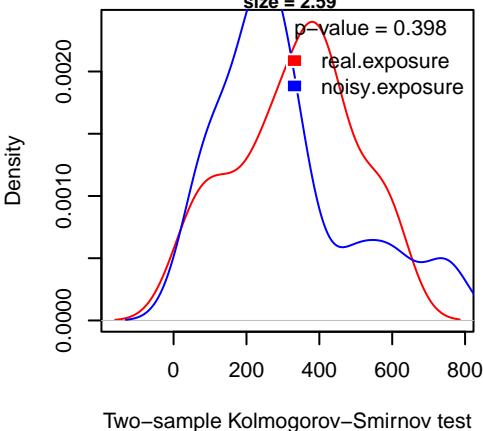
Skin-Melanoma.SBS13.synthetic.exposure

N = 14 prob = 0.2333  
mu = 323.08  
size = 2.46



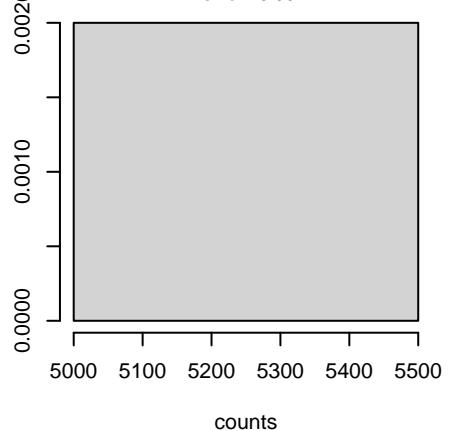
Skin-Melanoma.SBS13.noisy.exposure

N = 14 prob = 0.2333  
neg.binom.size = 30  
mu = 302.85  
size = 2.59



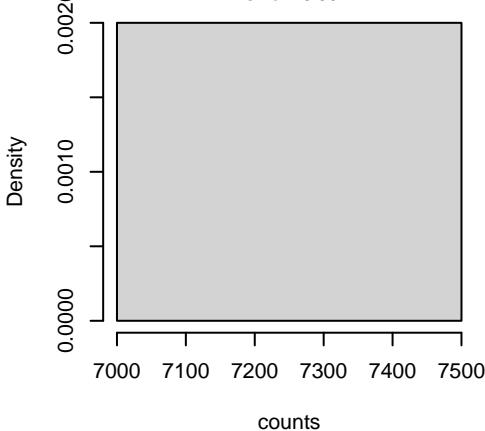
Skin-Melanoma.SBS17b.real.exposure

N = 1 prob = 0.0094  
mu = 5155  
size = 0.56



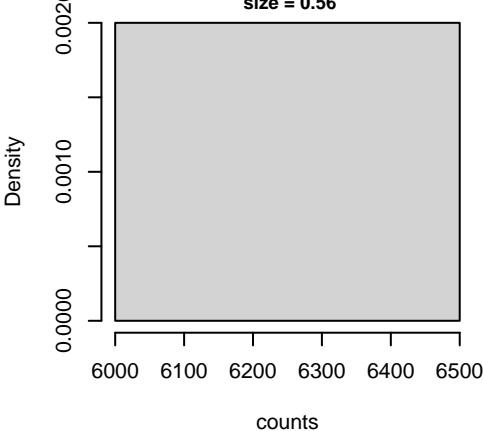
Skin-Melanoma.SBS17b.synthetic.exposure

N = 1 prob = 0.0167  
mu = 7065  
size = 0.56

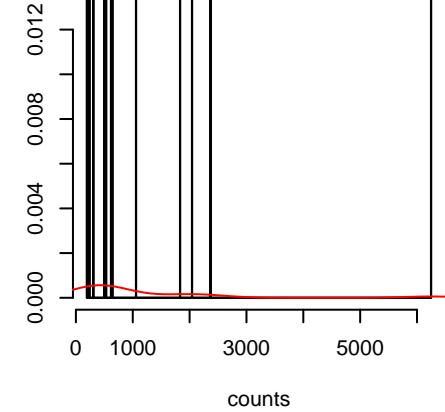


Skin-Melanoma.SBS17b.noisy.exposure

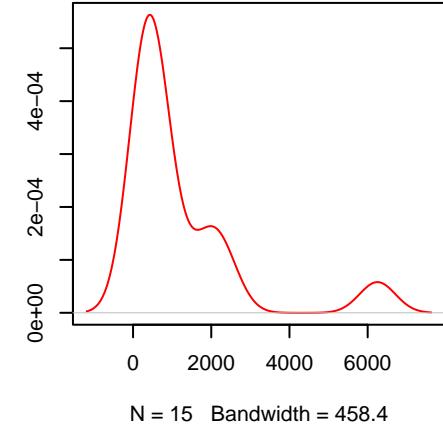
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 6292  
size = 0.56



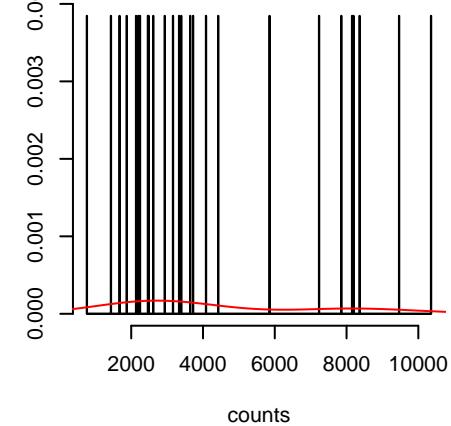
**Skin-Melanoma.SBS38.real.exposure**  
 $N = 15$  prob = 0.1415  
 $\mu = 1169.06$   
size = 1.02



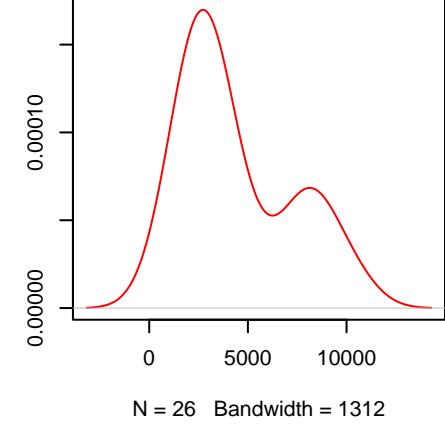
**Skin-Melanoma.SBS38.real.exposure**  
 $N = 15$  prob = 0.1415  
 $\mu = 1169.06$   
size = 1.02



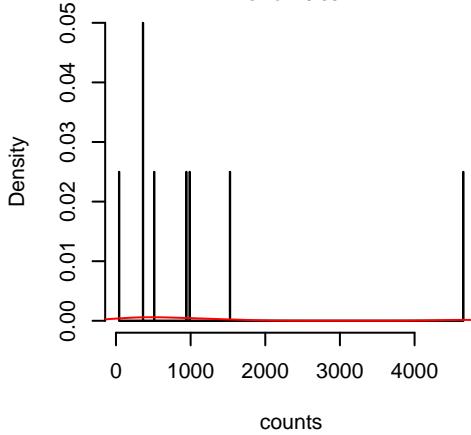
**Skin-Melanoma.SBS40.real.exposure**  
 $N = 26$  prob = 0.2453  
 $\mu = 4389.35$   
size = 2.65



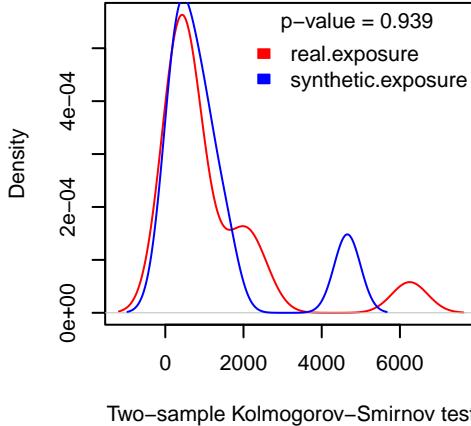
**Skin-Melanoma.SBS40.real.exposure**  
 $N = 26$  prob = 0.2453  
 $\mu = 4389.35$   
size = 2.65



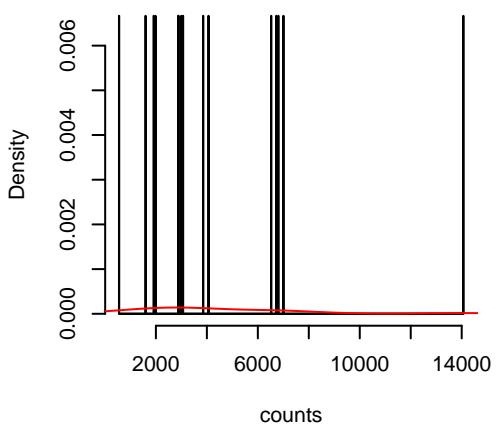
**Skin-Melanoma.SBS38.synthetic.exposure**  
 $N = 8$  prob = 0.1333  
 $\mu = 1174.41$   
size = 0.88



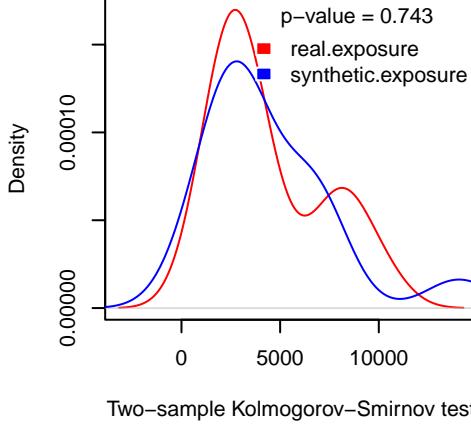
**Skin-Melanoma.SBS38.synthetic.exposure**  
 $N = 8$  prob = 0.1333  
 $\mu = 1174.41$   
size = 0.88



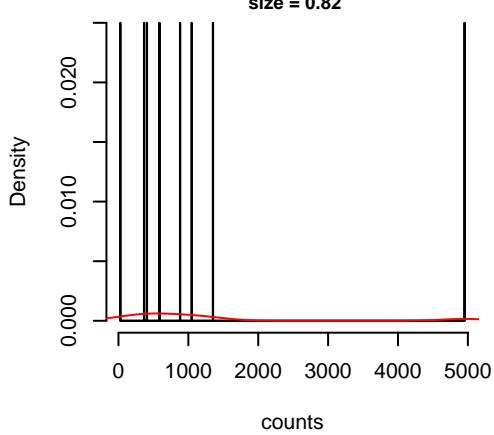
**Skin-Melanoma.SBS40.synthetic.exposure**  
 $N = 15$  prob = 0.25  
 $\mu = 4460.94$   
size = 2.1



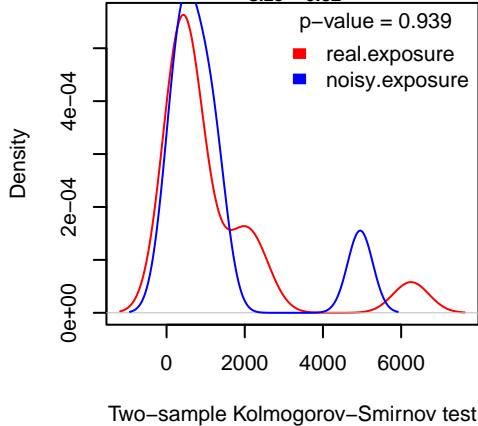
**Skin-Melanoma.SBS40.synthetic.exposure**  
 $N = 15$  prob = 0.25  
 $\mu = 4460.94$   
size = 2.1



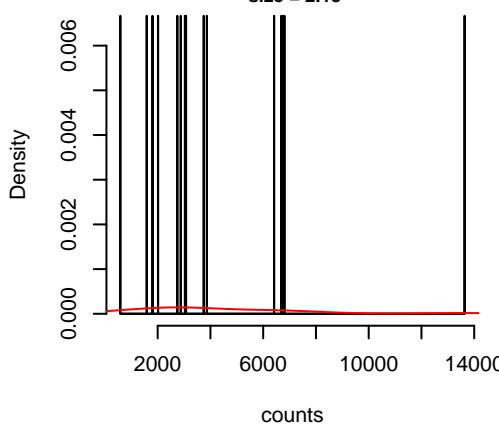
**Skin-Melanoma.SBS38.noisy.exposure**  
 $N = 8$  prob = 0.1333  
neg.binom.size = 30  
 $\mu = 1203.26$   
size = 0.82



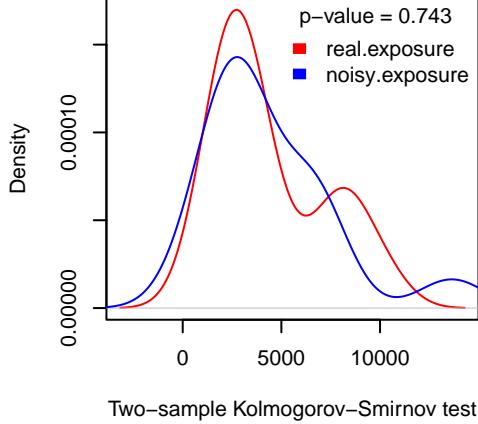
**Skin-Melanoma.SBS38.noisy.exposure**  
 $N = 8$  prob = 0.1333  
neg.binom.size = 30  
 $\mu = 1203.26$   
size = 0.82

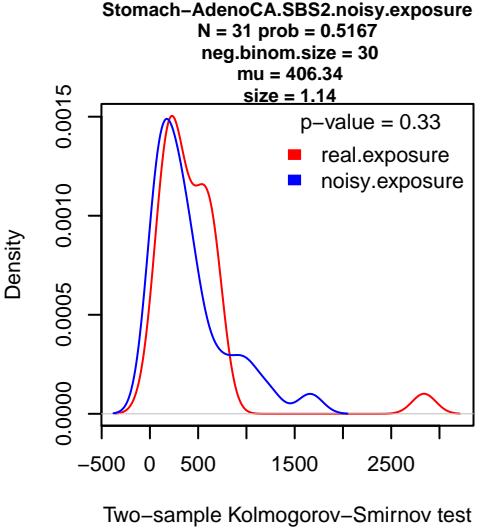
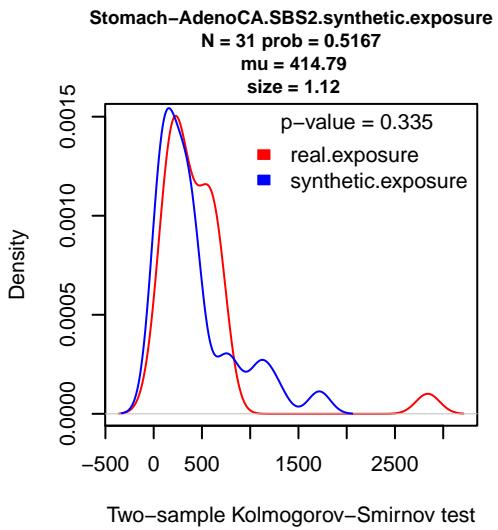
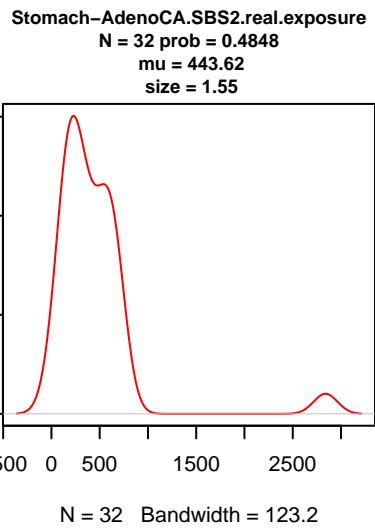
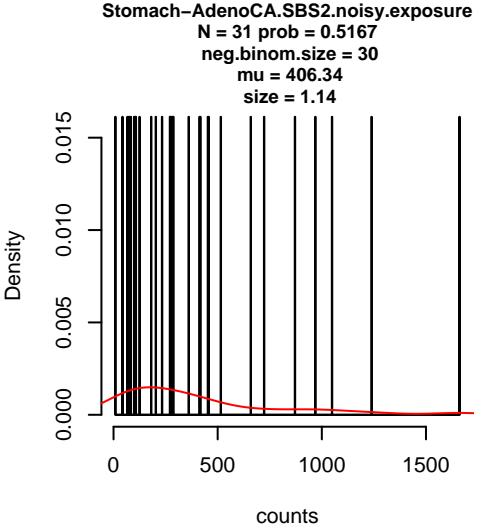
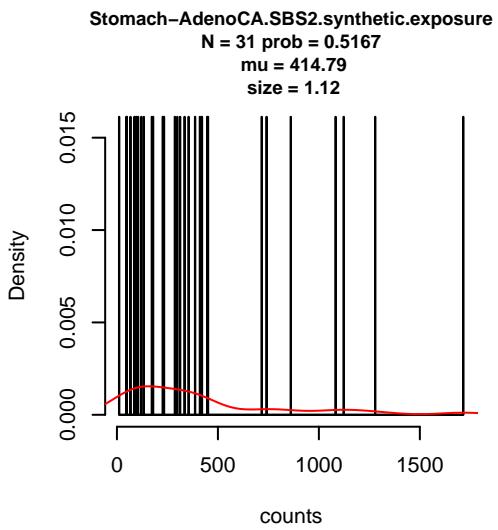
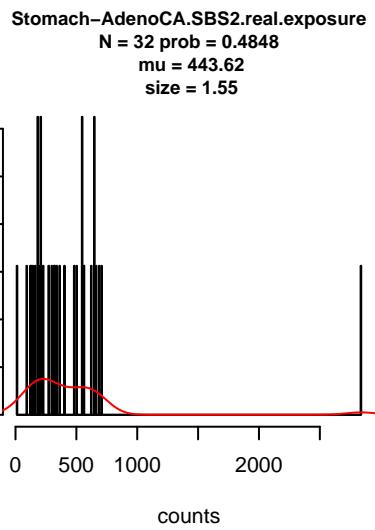
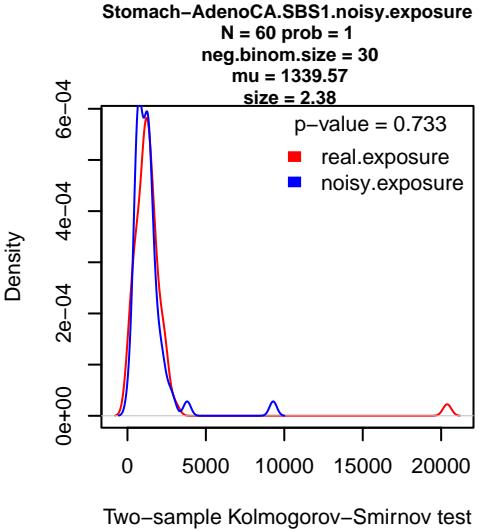
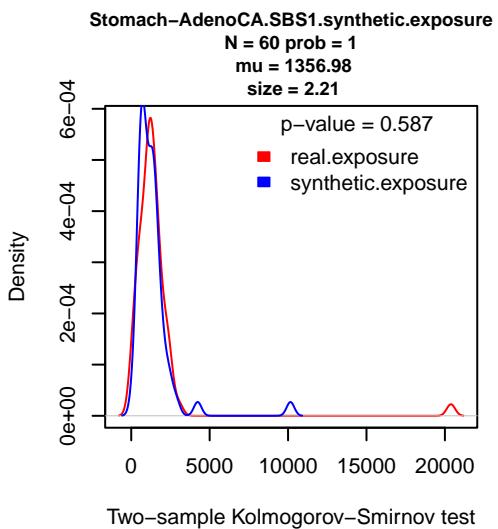
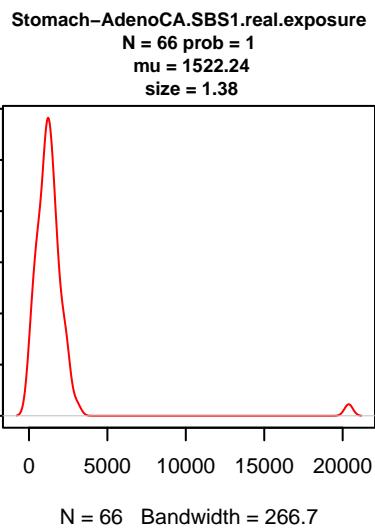
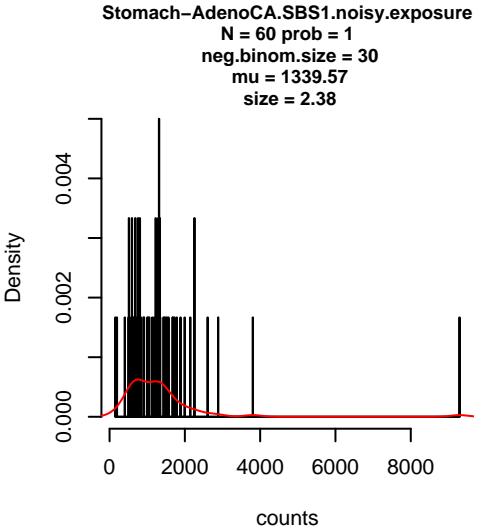
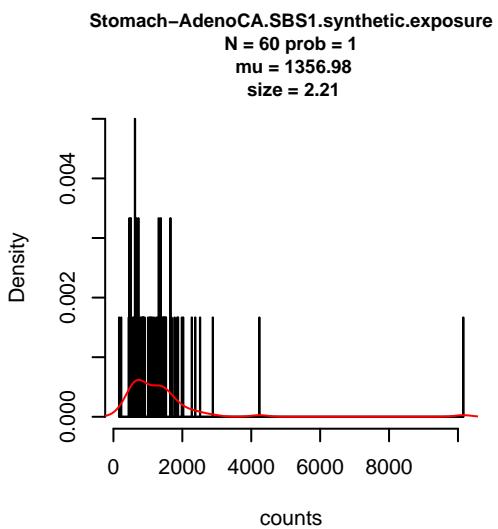
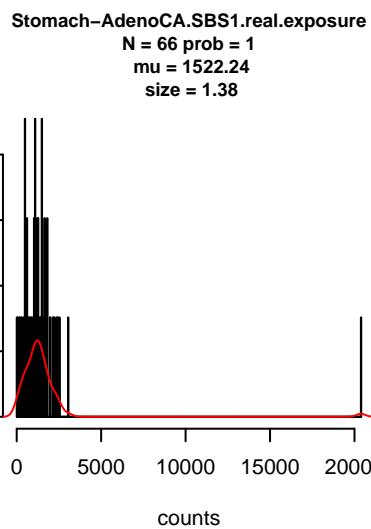


**Skin-Melanoma.SBS40.noisy.exposure**  
 $N = 15$  prob = 0.25  
neg.binom.size = 30  
 $\mu = 4374.65$   
size = 2.15



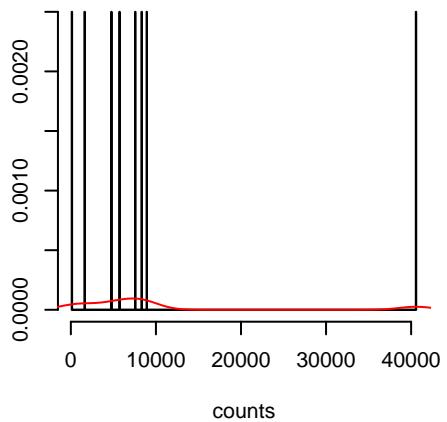
**Skin-Melanoma.SBS40.noisy.exposure**  
 $N = 15$  prob = 0.25  
neg.binom.size = 30  
 $\mu = 4374.65$   
size = 2.15



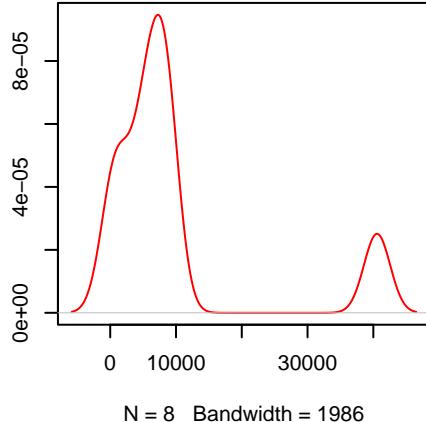


**Stomach–AdenoCA.SBS3.real.exposure**

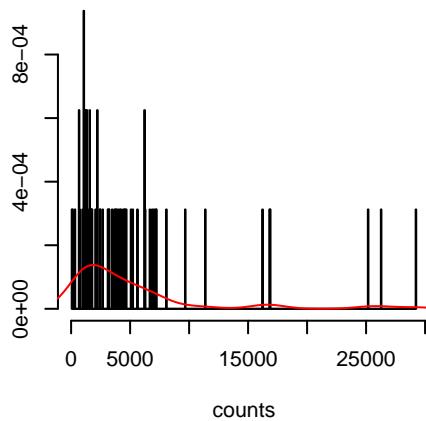
N = 8 prob = 0.1212  
mu = 9709.04  
size = 0.73

**Stomach–AdenoCA.SBS3.real.exposure**

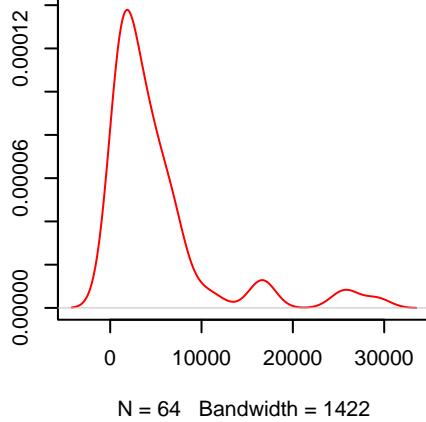
N = 8 prob = 0.1212  
mu = 9709.04  
size = 0.73

**Stomach–AdenoCA.SBS5.real.exposure**

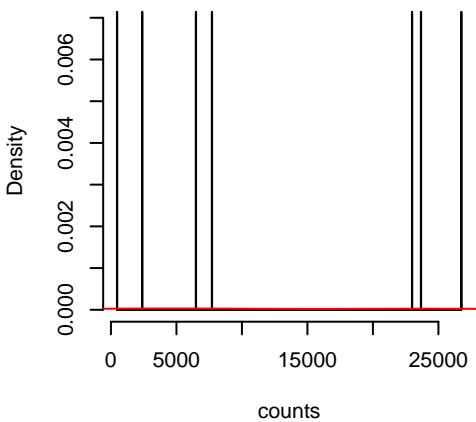
N = 64 prob = 0.9697  
mu = 5088.38  
size = 1.01

**Stomach–AdenoCA.SBS5.real.exposure**

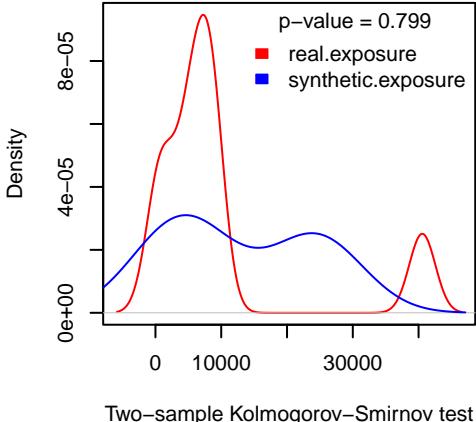
N = 64 prob = 0.9697  
mu = 5088.38  
size = 1.01

**Stomach–AdenoCA.SBS3.synthetic.exposure**

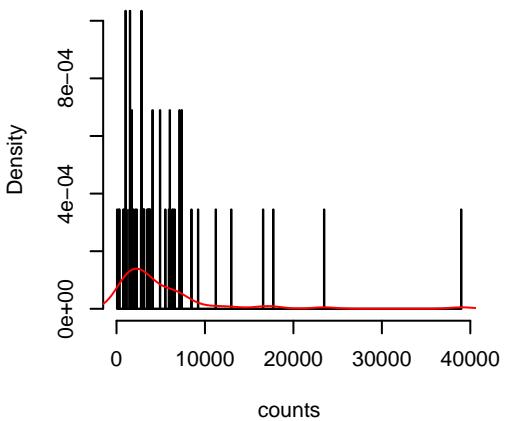
N = 7 prob = 0.1167  
mu = 12928.36  
size = 0.95

**Stomach–AdenoCA.SBS3.synthetic.exposure**

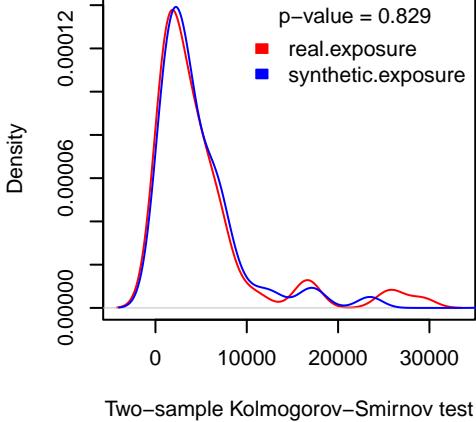
N = 7 prob = 0.1167  
mu = 12928.36  
size = 0.95

**Stomach–AdenoCA.SBS5.synthetic.exposure**

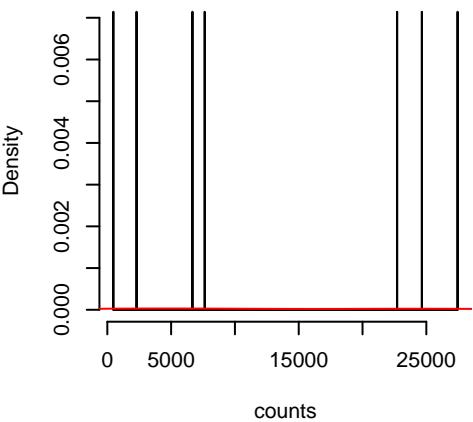
N = 58 prob = 0.9667  
mu = 5181.34  
size = 1.11

**Stomach–AdenoCA.SBS5.synthetic.exposure**

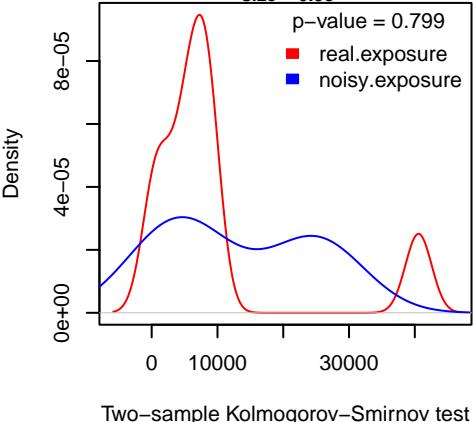
N = 58 prob = 0.9667  
mu = 5181.34  
size = 1.11

**Stomach–AdenoCA.SBS3.noisy.exposure**

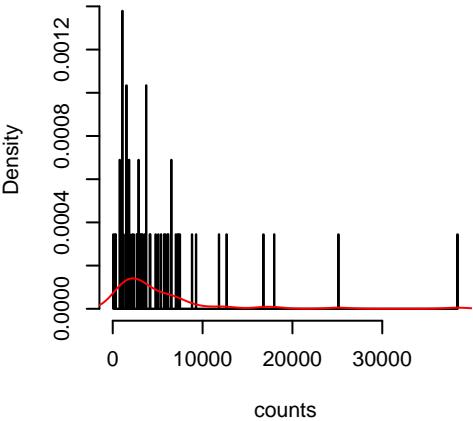
N = 7 prob = 0.1167  
neg.binom.size = 30  
mu = 13132.35  
size = 0.93

**Stomach–AdenoCA.SBS3.noisy.exposure**

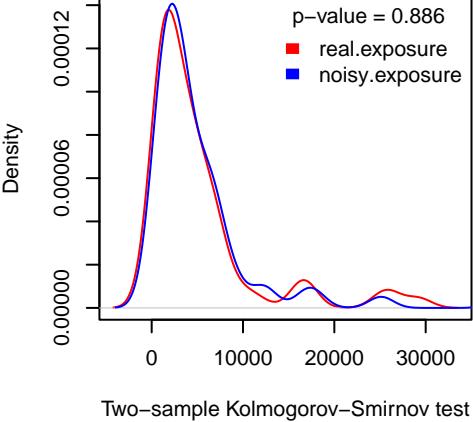
N = 7 prob = 0.1167  
neg.binom.size = 30  
mu = 13132.35  
size = 0.93

**Stomach–AdenoCA.SBS5.noisy.exposure**

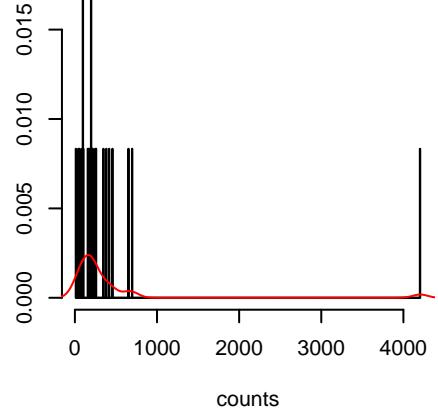
N = 58 prob = 0.9667  
neg.binom.size = 30  
mu = 5216.31  
size = 1.11

**Stomach–AdenoCA.SBS5.noisy.exposure**

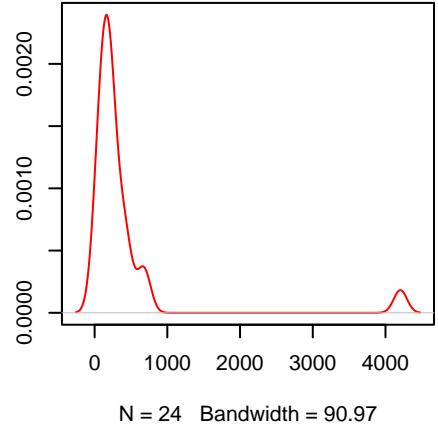
N = 58 prob = 0.9667  
neg.binom.size = 30  
mu = 5216.31  
size = 1.11



**Stomach–AdenoCA.SBS13.real.exposure**  
N = 24 prob = 0.3636  
mu = 404.43  
size = 0.83

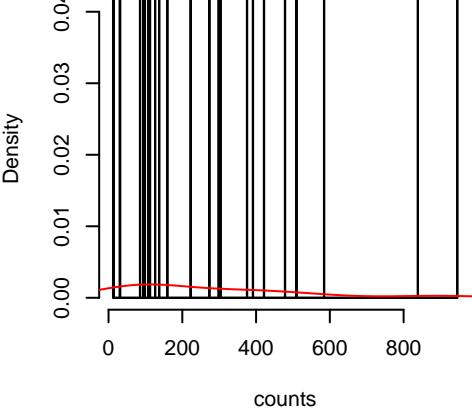


**Stomach–AdenoCA.SBS13.real.exposure**  
N = 24 prob = 0.3636  
mu = 404.43  
size = 0.83

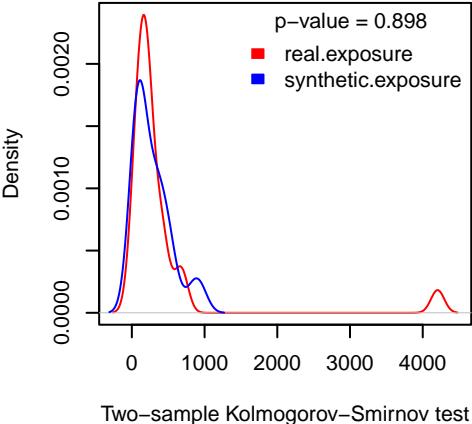


N = 24 Bandwidth = 90.97

**Stomach–AdenoCA.SBS13.synthetic.exposure**  
N = 24 prob = 0.4  
mu = 277.65  
size = 1.11

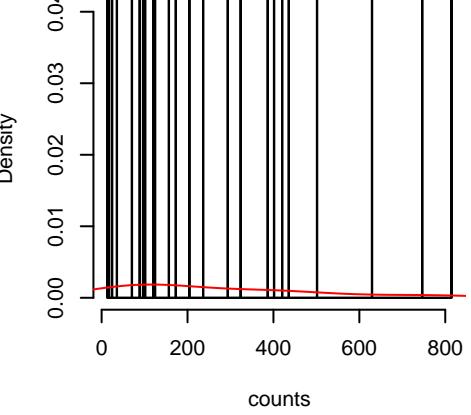


**Stomach–AdenoCA.SBS13.synthetic.exposure**  
N = 24 prob = 0.4  
mu = 277.65  
size = 1.11

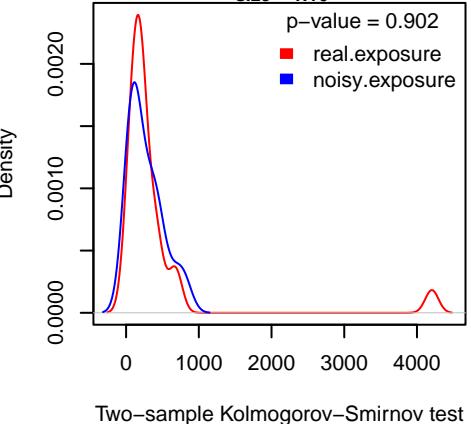


Two-sample Kolmogorov–Smirnov test

**Stomach–AdenoCA.SBS13.noisy.exposure**  
N = 24 prob = 0.4  
neg.binom.size = 30  
mu = 267.79  
size = 1.16

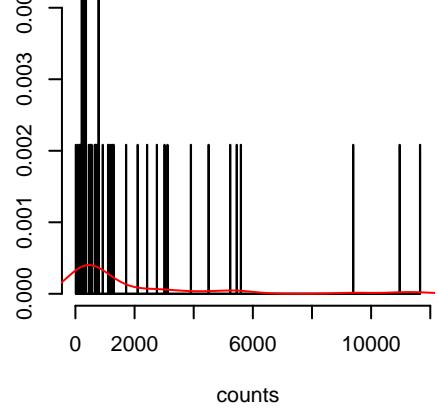


**Stomach–AdenoCA.SBS13.noisy.exposure**  
N = 24 prob = 0.4  
neg.binom.size = 30  
mu = 267.79  
size = 1.16

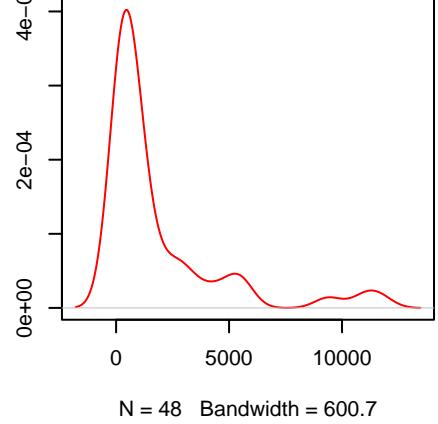


Two-sample Kolmogorov–Smirnov test

**Stomach–AdenoCA.SBS17a.real.exposure**  
N = 48 prob = 0.7273  
mu = 1854.48  
size = 0.67

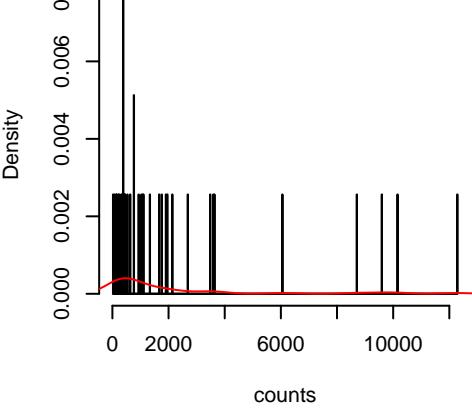


**Stomach–AdenoCA.SBS17a.real.exposure**  
N = 48 prob = 0.7273  
mu = 1854.48  
size = 0.67

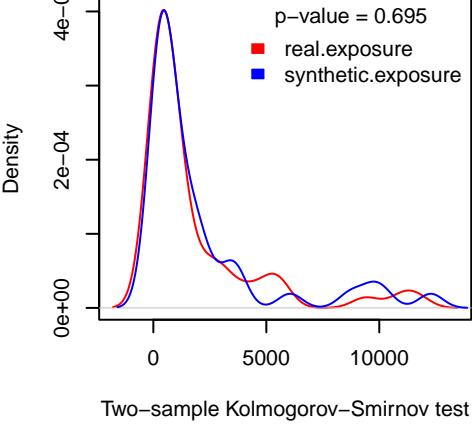


N = 48 Bandwidth = 600.7

**Stomach–AdenoCA.SBS17a.synthetic.exposure**  
N = 39 prob = 0.65  
mu = 2111.93  
size = 0.68

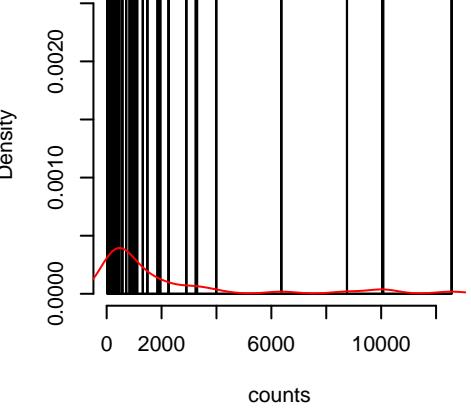


**Stomach–AdenoCA.SBS17a.synthetic.exposure**  
N = 39 prob = 0.65  
mu = 2111.93  
size = 0.68

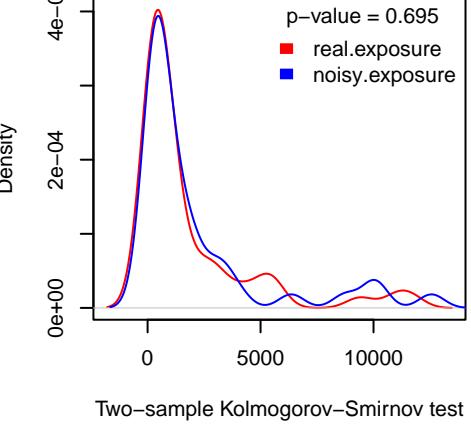


Two-sample Kolmogorov–Smirnov test

**Stomach–AdenoCA.SBS17a.noisy.exposure**  
N = 39 prob = 0.65  
neg.binom.size = 30  
mu = 2132.17  
size = 0.67



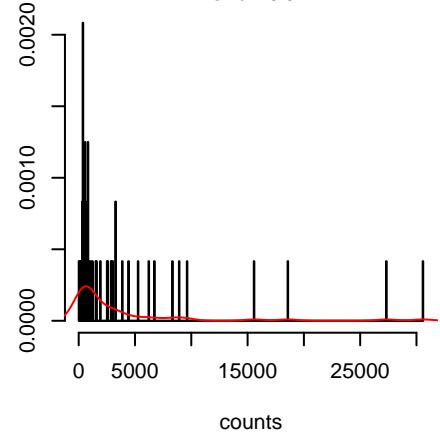
**Stomach–AdenoCA.SBS17a.noisy.exposure**  
N = 39 prob = 0.65  
neg.binom.size = 30  
mu = 2132.17  
size = 0.67



Two-sample Kolmogorov–Smirnov test

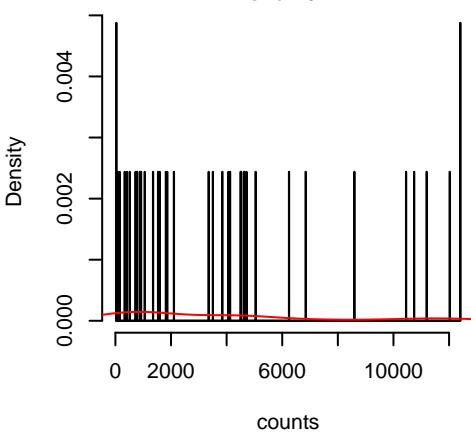
## Stomach-AdenoCA.SBS17b.real.exposure

N = 48 prob = 0.7273  
mu = 3861.71  
size = 0.6



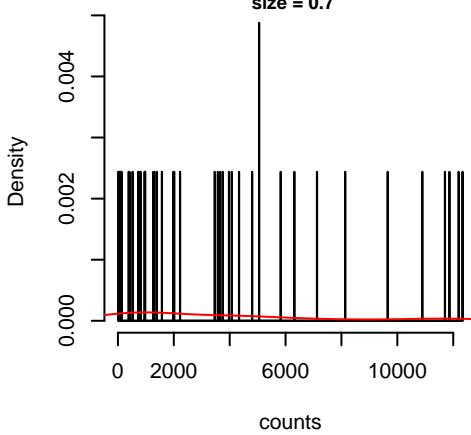
## Stomach-AdenoCA.SBS17b.synthetic.exposure

N = 41 prob = 0.6833  
mu = 3777.85  
size = 0.7



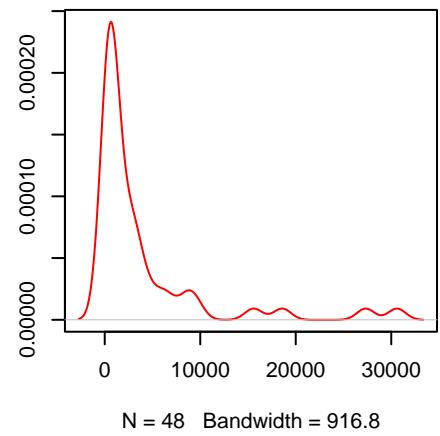
## Stomach-AdenoCA.SBS17b.noisy.exposure

N = 41 prob = 0.6833  
neg.binom.size = 30  
mu = 3794.61  
size = 0.7



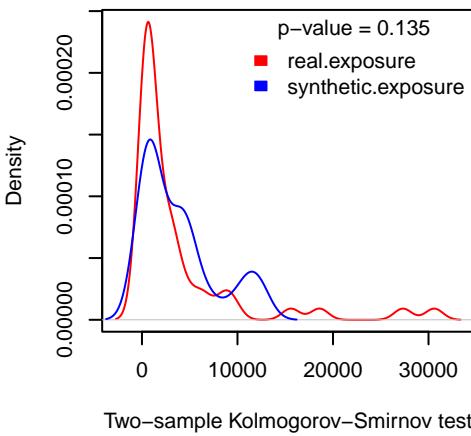
## Stomach-AdenoCA.SBS17b.real.exposure

N = 48 prob = 0.7273  
mu = 3861.71  
size = 0.6



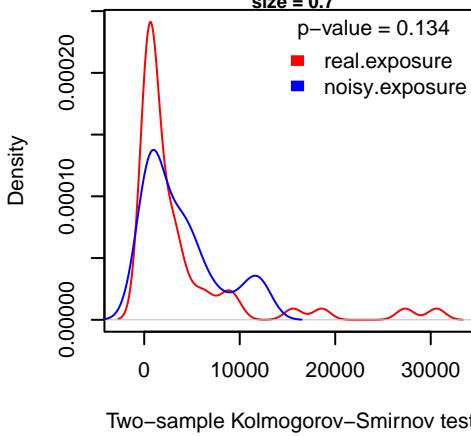
## Stomach-AdenoCA.SBS17b.synthetic.exposure

N = 41 prob = 0.6833  
mu = 3777.85  
size = 0.7



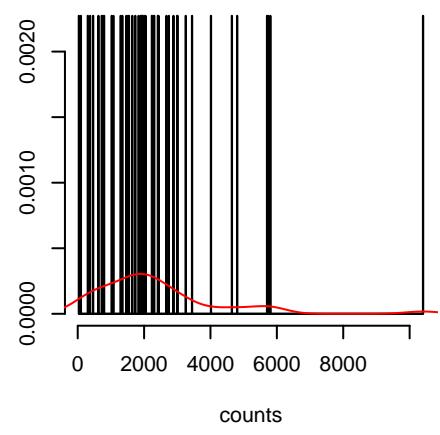
## Stomach-AdenoCA.SBS17b.noisy.exposure

N = 41 prob = 0.6833  
neg.binom.size = 30  
mu = 3794.61  
size = 0.7



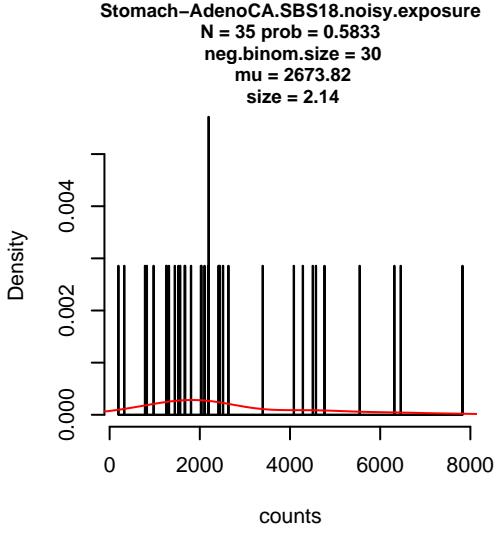
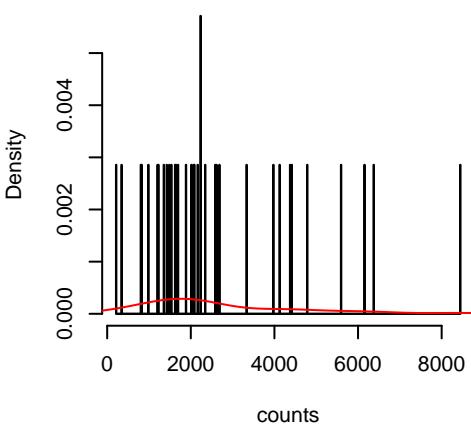
## Stomach-AdenoCA.SBS18.real.exposure

N = 44 prob = 0.6667  
mu = 2369.15  
size = 1.49



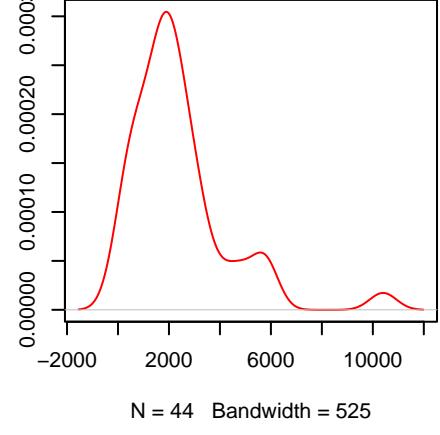
## Stomach-AdenoCA.SBS18.synthetic.exposure

N = 35 prob = 0.5833  
mu = 2654.55  
size = 2.14



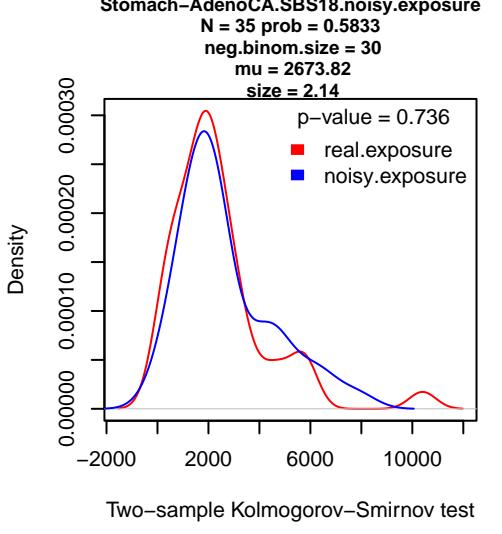
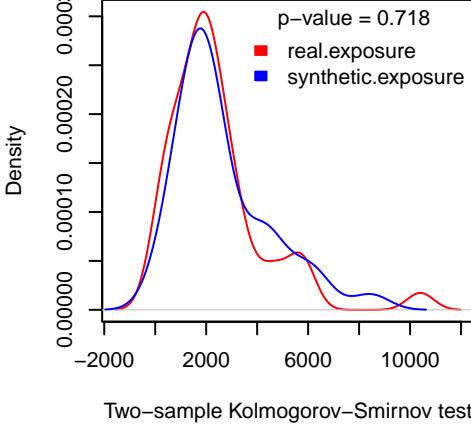
## Stomach-AdenoCA.SBS18.real.exposure

N = 44 prob = 0.6667  
mu = 2369.15  
size = 1.49

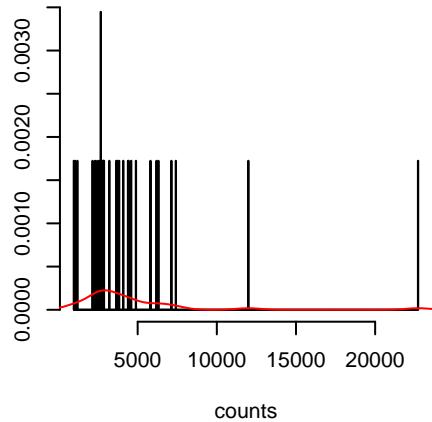


## Stomach-AdenoCA.SBS18.synthetic.exposure

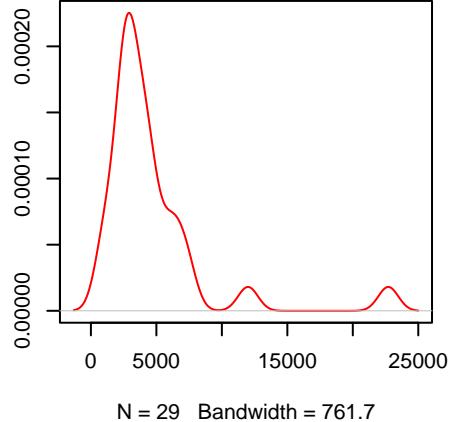
N = 35 prob = 0.5833  
mu = 2654.55  
size = 2.14



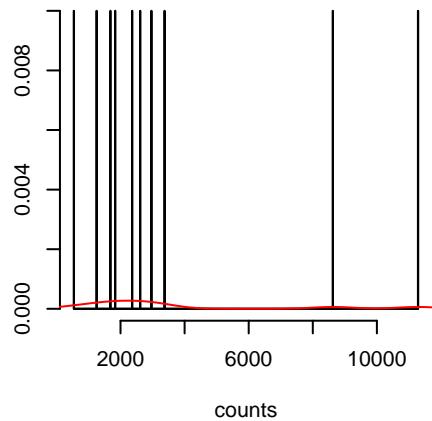
**Stomach–AdenoCA.SBS40.real.exposure**  
N = 29 prob = 0.4394  
mu = 4610.77  
size = 2.24



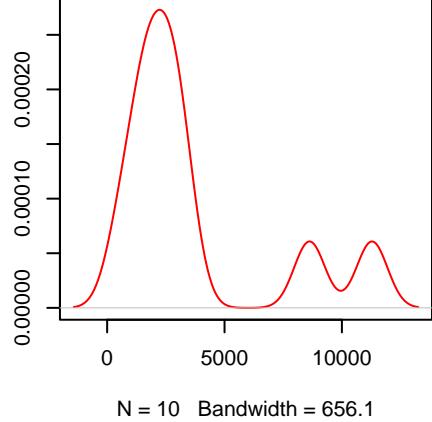
**Stomach–AdenoCA.SBS40.real.exposure**  
N = 29 prob = 0.4394  
mu = 4610.77  
size = 2.24



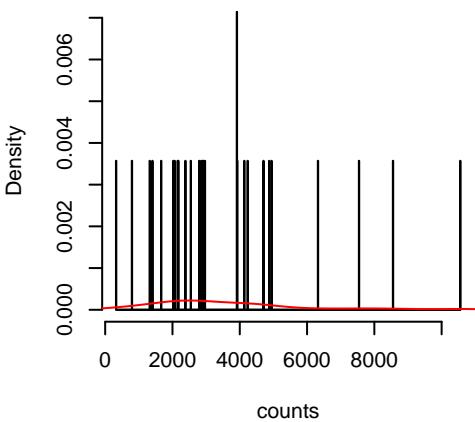
**Stomach–AdenoCA.SBS41.real.exposure**  
N = 10 prob = 0.1515  
mu = 3655.46  
size = 1.57



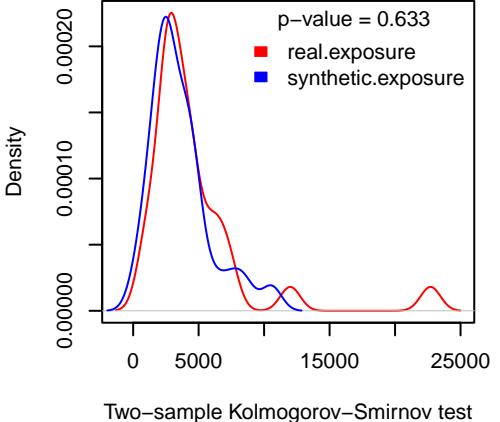
**Stomach–AdenoCA.SBS41.real.exposure**  
N = 10 prob = 0.1515  
mu = 3655.46  
size = 1.57



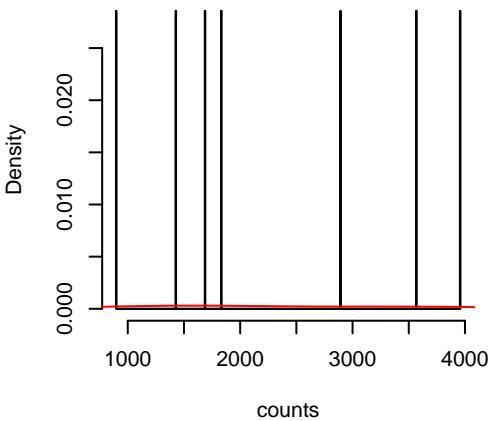
**Stomach–AdenoCA.SBS40.synthetic.exposure**  
N = 28 prob = 0.4667  
mu = 3604.87  
size = 2.5



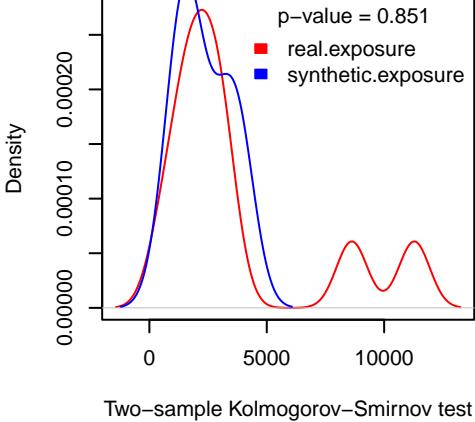
**Stomach–AdenoCA.SBS40.synthetic.exposure**  
N = 28 prob = 0.4667  
mu = 3604.87  
size = 2.5



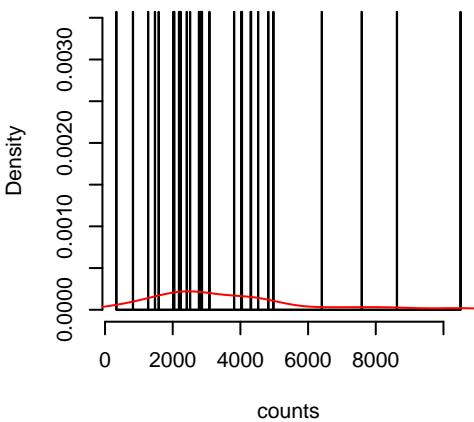
**Stomach–AdenoCA.SBS41.synthetic.exposure**  
N = 7 prob = 0.1167  
mu = 2323.89  
size = 4.47



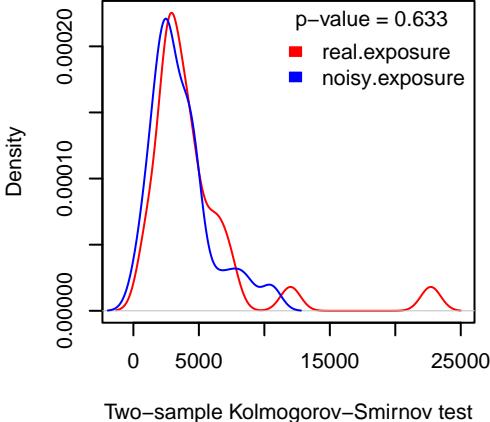
**Stomach–AdenoCA.SBS41.synthetic.exposure**  
N = 7 prob = 0.1167  
mu = 2323.89  
size = 4.47



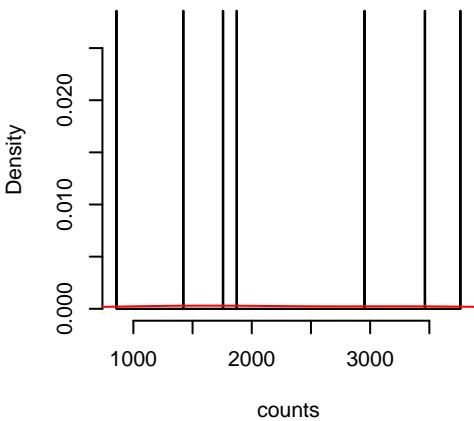
**Stomach–AdenoCA.SBS40.noisy.exposure**  
N = 28 prob = 0.4667  
neg.binom.size = 30  
mu = 3617.6  
size = 2.5



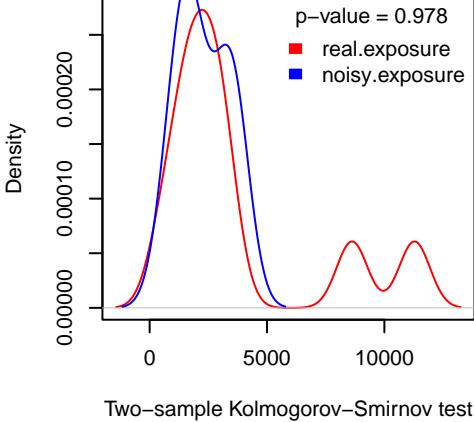
**Stomach–AdenoCA.SBS40.noisy.exposure**  
N = 28 prob = 0.4667  
neg.binom.size = 30  
mu = 3617.6  
size = 2.5



**Stomach–AdenoCA.SBS41.noisy.exposure**  
N = 7 prob = 0.1167  
neg.binom.size = 30  
mu = 2298.81  
size = 4.62

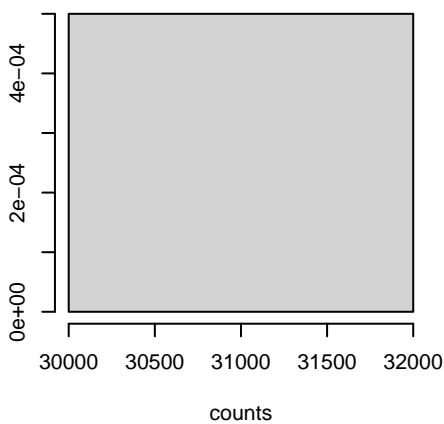


**Stomach–AdenoCA.SBS41.noisy.exposure**  
N = 7 prob = 0.1167  
neg.binom.size = 30  
mu = 2298.81  
size = 4.62

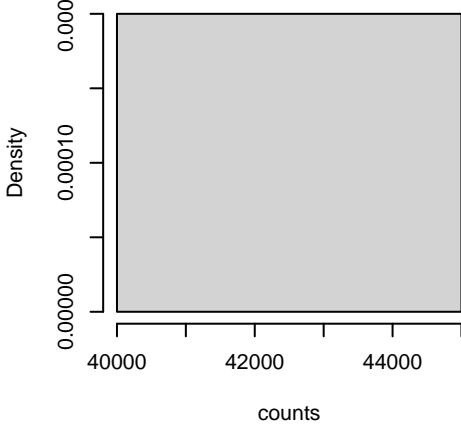


**Stomach–AdenoCA.SBS44.real.exposure**

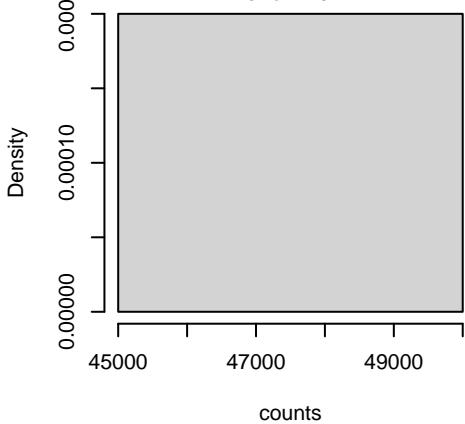
N = 1 prob = 0.0152  
mu = 31034  
size = 1.87

**Stomach–AdenoCA.SBS44.synthetic.exposure**

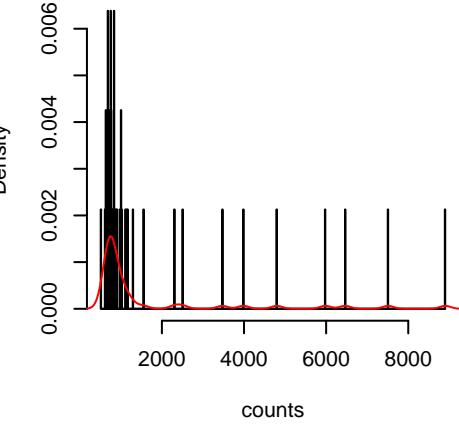
N = 1 prob = 0.0167  
mu = 44645  
size = 1.87

**Stomach–AdenoCA.SBS44.noisy.exposure**

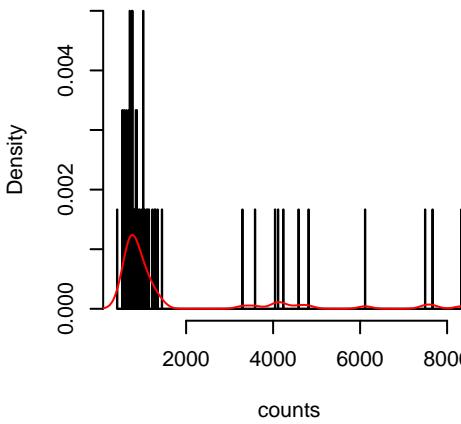
N = 1 prob = 0.0167  
neg.binom.size = 30  
mu = 45096  
size = 1.87

**Uterus–AdenoCA.SBS1.real.exposure**

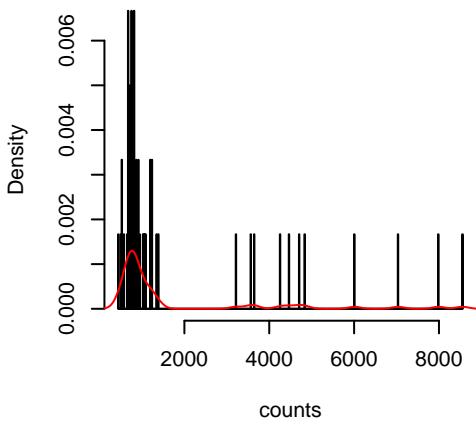
N = 47 prob = 1  
mu = 1650.66  
size = 1.47

**Uterus–AdenoCA.SBS1.synthetic.exposure**

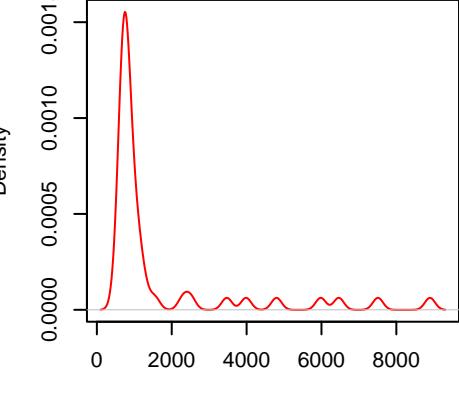
N = 60 prob = 1  
mu = 1665.43  
size = 1.48

**Uterus–AdenoCA.SBS1.noisy.exposure**

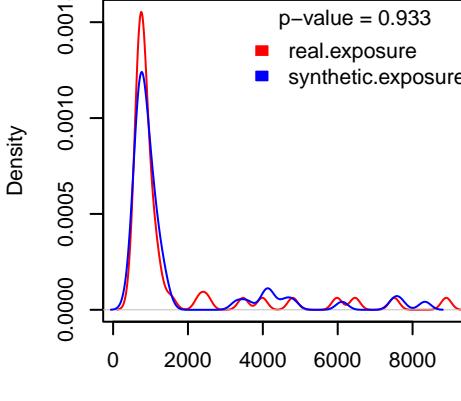
N = 60 prob = 1  
neg.binom.size = 30  
mu = 1659.62  
size = 1.47

**Uterus–AdenoCA.SBS1.real.exposure**

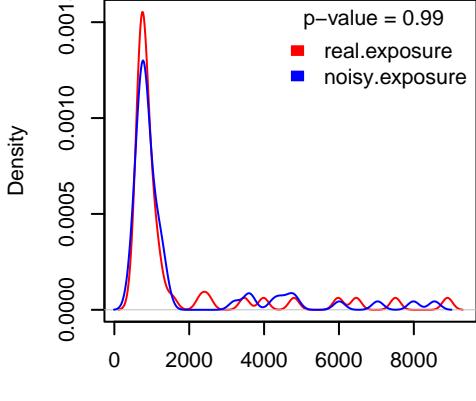
N = 47 prob = 1  
mu = 1650.66  
size = 1.47

**Uterus–AdenoCA.SBS1.synthetic.exposure**

N = 60 prob = 1  
mu = 1665.43  
size = 1.48

**Uterus–AdenoCA.SBS1.noisy.exposure**

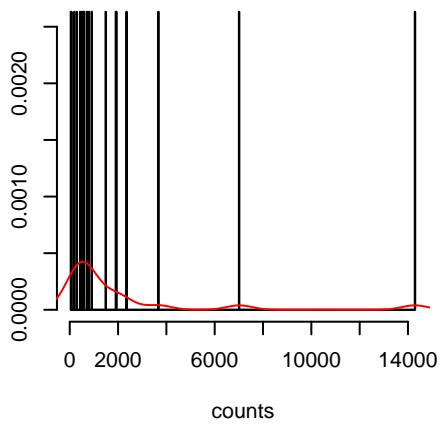
N = 60 prob = 1  
neg.binom.size = 30  
mu = 1659.62  
size = 1.47



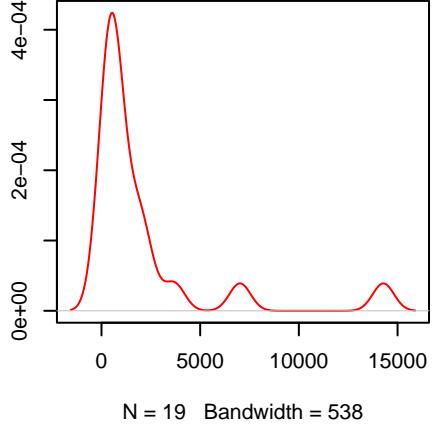
Two-sample Kolmogorov–Smirnov test

Two-sample Kolmogorov–Smirnov test

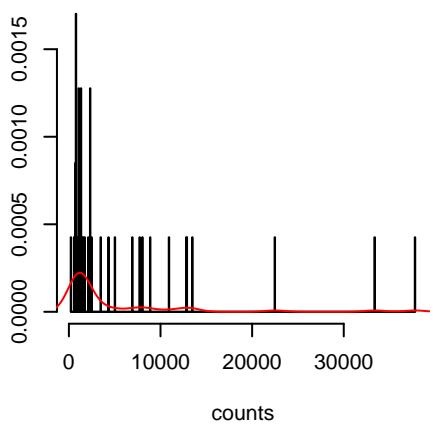
Uterus-AdenoCA.SBS2.real.exposure  
N = 19 prob = 0.4043  
mu = 2029.27  
size = 0.68



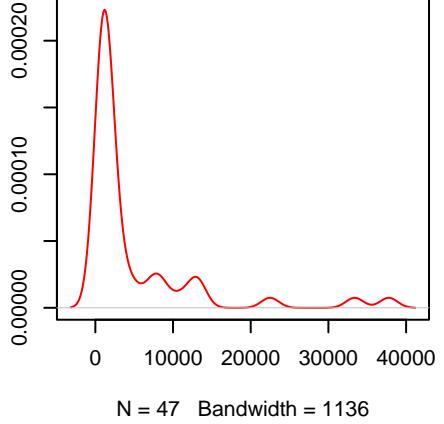
Uterus-AdenoCA.SBS2.real.exposure  
N = 19 prob = 0.4043  
mu = 2029.27  
size = 0.68



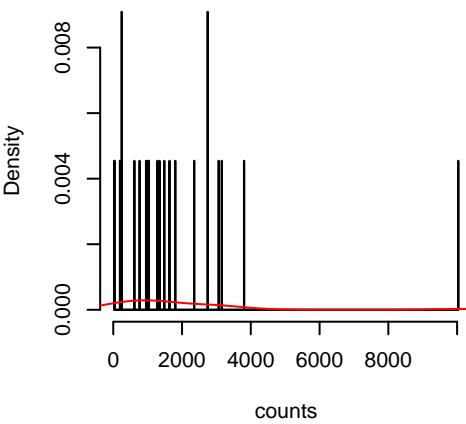
Uterus-AdenoCA.SBS5.real.exposure  
N = 47 prob = 1  
mu = 4871.42  
size = 0.74



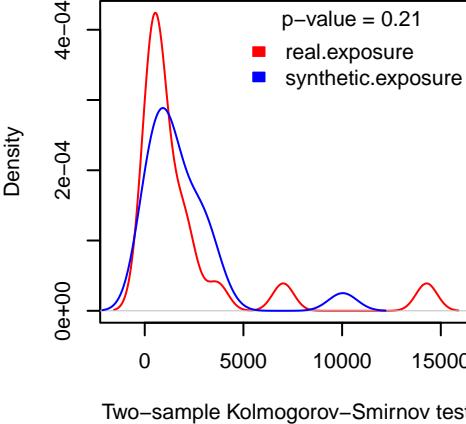
Uterus-AdenoCA.SBS5.real.exposure  
N = 47 prob = 1  
mu = 4871.42  
size = 0.74



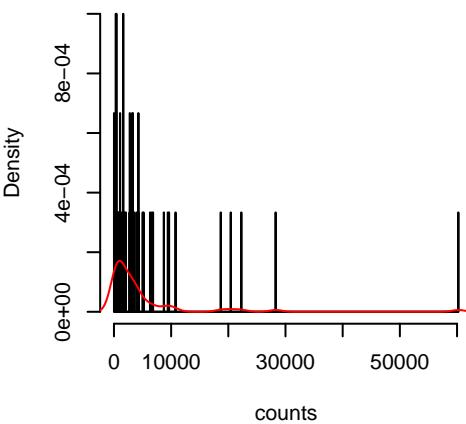
Uterus-AdenoCA.SBS2.synthetic.exposure  
N = 22 prob = 0.3667  
mu = 1845.23  
size = 0.86



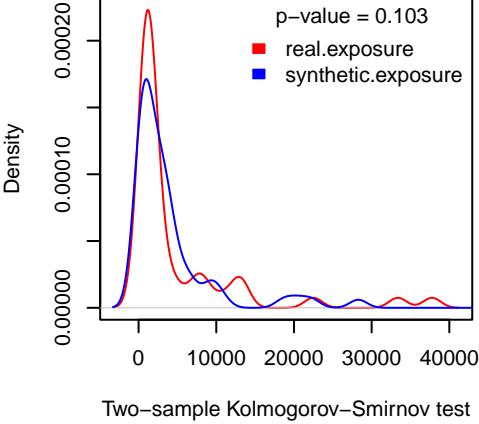
Uterus-AdenoCA.SBS2.synthetic.exposure  
N = 22 prob = 0.3667  
mu = 1845.23  
size = 0.86



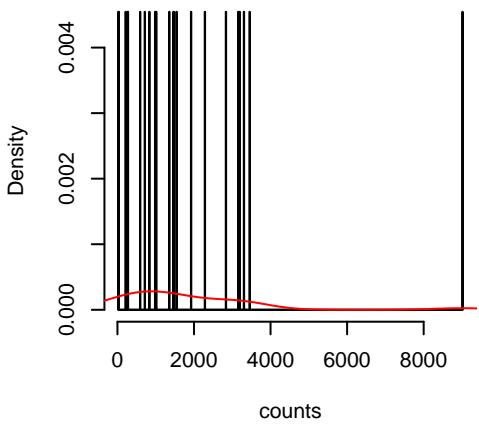
Uterus-AdenoCA.SBS5.synthetic.exposure  
N = 60 prob = 1  
mu = 4924.75  
size = 0.6



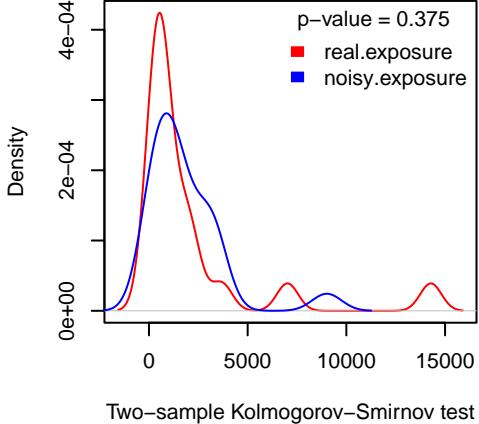
Uterus-AdenoCA.SBS5.synthetic.exposure  
N = 60 prob = 1  
mu = 4924.75  
size = 0.6



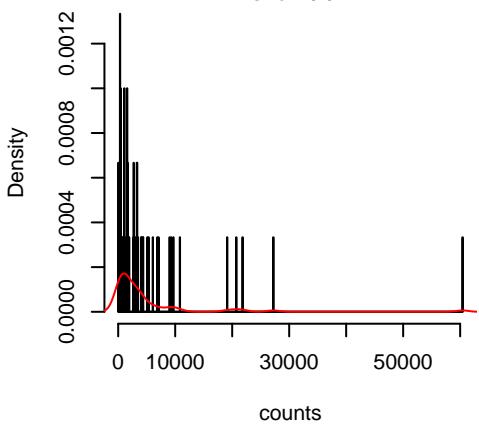
Uterus-AdenoCA.SBS2.noisy.exposure  
N = 22 prob = 0.3667  
neg.binom.size = 30  
mu = 1816.57  
size = 0.89



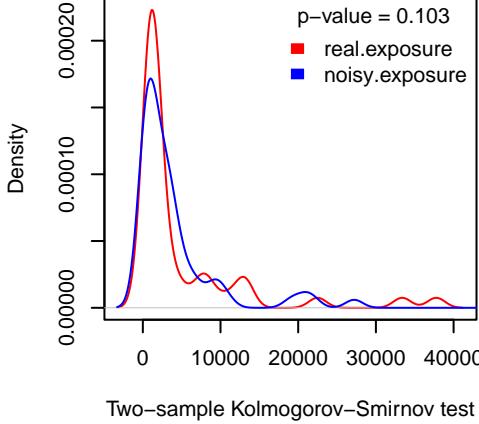
Uterus-AdenoCA.SBS2.noisy.exposure  
N = 22 prob = 0.3667  
neg.binom.size = 30  
mu = 1816.57  
size = 0.89



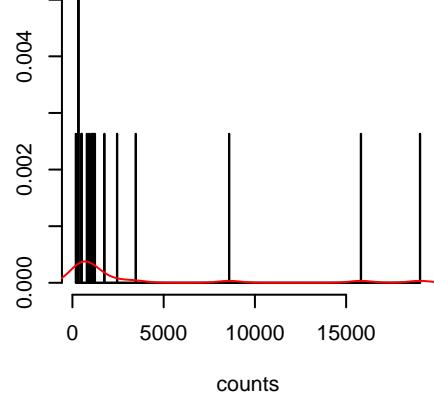
Uterus-AdenoCA.SBS5.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 4923.21  
size = 0.6



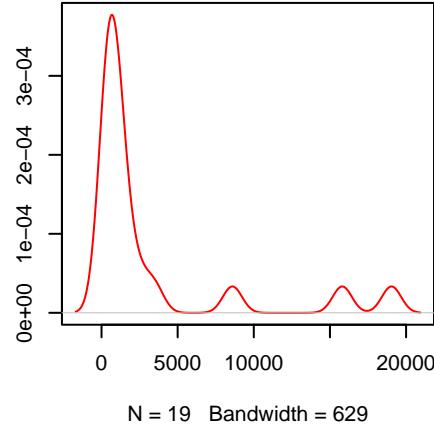
Uterus-AdenoCA.SBS5.noisy.exposure  
N = 60 prob = 1  
neg.binom.size = 30  
mu = 4923.21  
size = 0.6



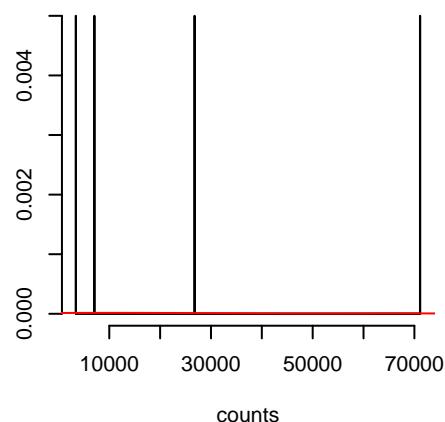
Uterus–AdenoCA.SBS13.real.exposure  
N = 19 prob = 0.4043  
mu = 3149.25  
size = 0.63



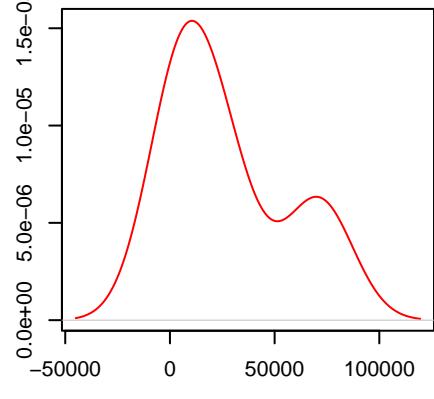
Uterus–AdenoCA.SBS13.real.exposure  
N = 19 prob = 0.4043  
mu = 3149.25  
size = 0.63



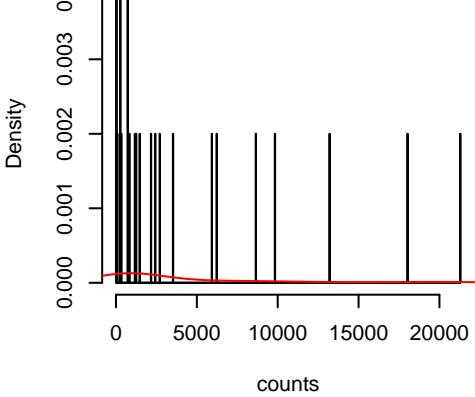
Uterus–AdenoCA.SBS26.real.exposure  
N = 4 prob = 0.0851  
mu = 27098.78  
size = 0.94



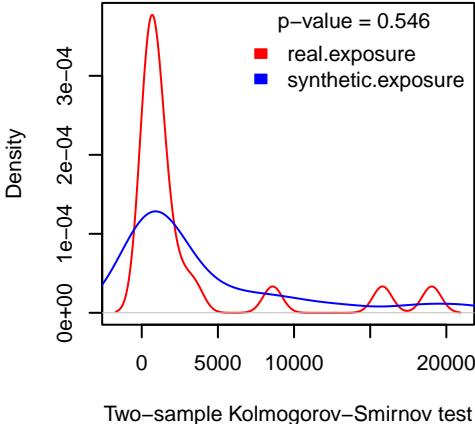
Uterus–AdenoCA.SBS26.real.exposure  
N = 4 prob = 0.0851  
mu = 27098.78  
size = 0.94



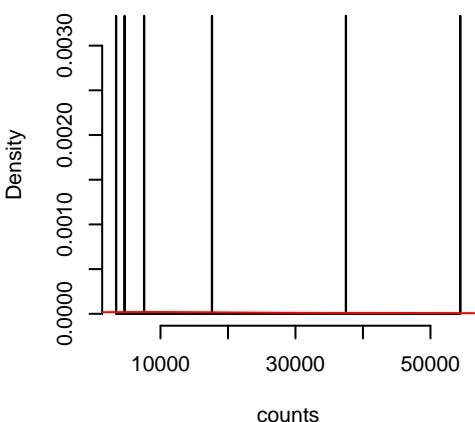
Uterus–AdenoCA.SBS13.synthetic.exposure  
N = 25 prob = 0.4167  
mu = 4058.07  
size = 0.45



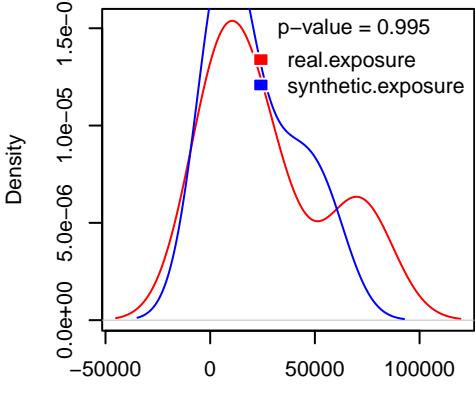
Uterus–AdenoCA.SBS13.synthetic.exposure  
N = 25 prob = 0.4167  
mu = 4058.07  
size = 0.45



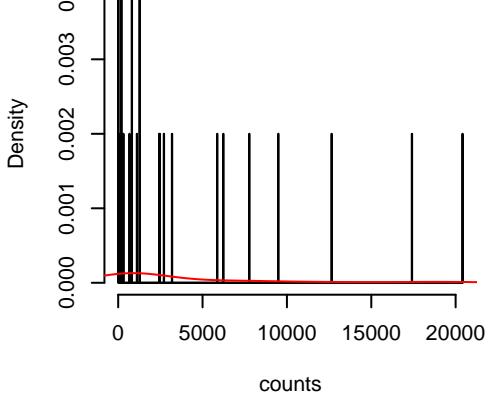
Uterus–AdenoCA.SBS26.synthetic.exposure  
N = 6 prob = 0.1  
mu = 20864.29  
size = 1.16



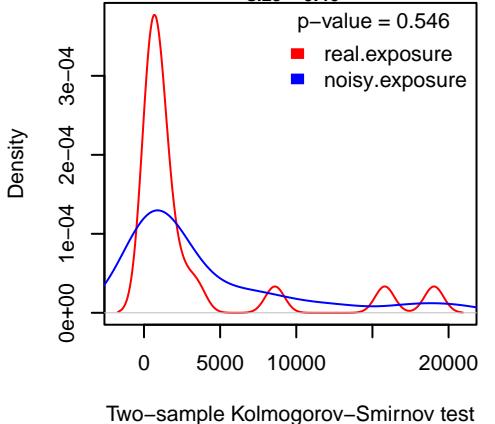
Uterus–AdenoCA.SBS26.synthetic.exposure  
N = 6 prob = 0.1  
mu = 20864.29  
size = 1.16



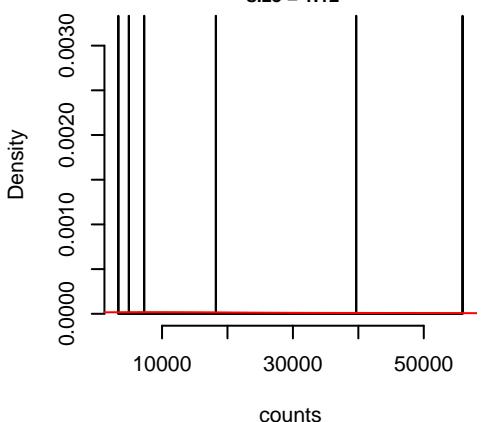
Uterus–AdenoCA.SBS13.noisy.exposure  
N = 25 prob = 0.4167  
neg.binom.size = 30  
mu = 3904.84  
size = 0.46



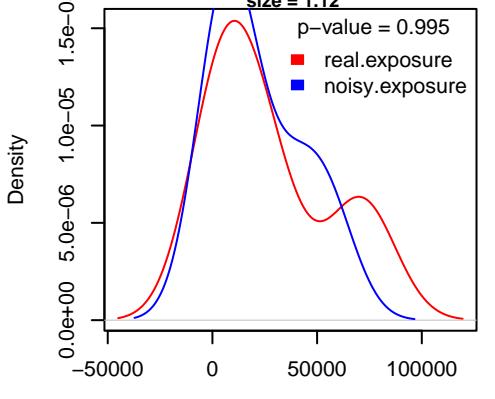
Uterus–AdenoCA.SBS13.noisy.exposure  
N = 25 prob = 0.4167  
neg.binom.size = 30  
mu = 3904.84  
size = 0.46



Uterus–AdenoCA.SBS26.noisy.exposure  
N = 6 prob = 0.1  
neg.binom.size = 30  
mu = 21560.49  
size = 1.12

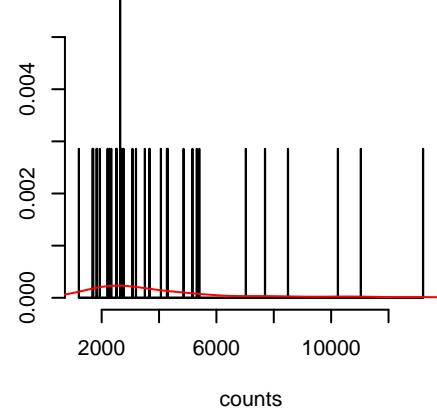


Uterus–AdenoCA.SBS26.noisy.exposure  
N = 6 prob = 0.1  
neg.binom.size = 30  
mu = 21560.49  
size = 1.12



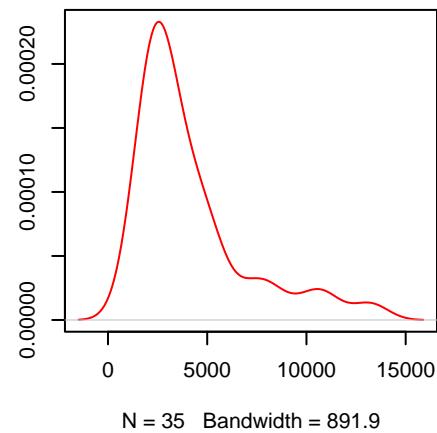
## Uterus-AdenoCA.SBS40.real.exposure

N = 35 prob = 0.7447  
mu = 4170.46  
size = 2.92



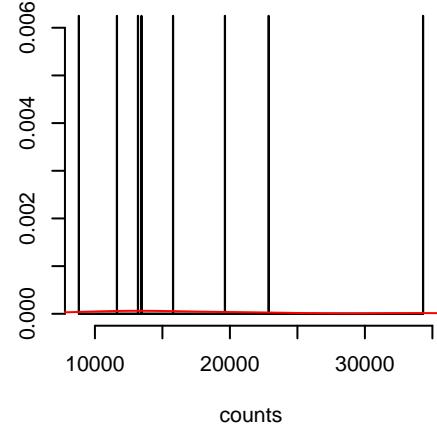
## Uterus-AdenoCA.SBS40.synthetic.exposure

N = 35 prob = 0.7447  
mu = 4170.46  
size = 2.92



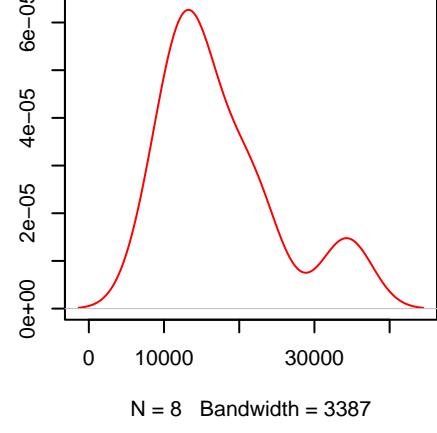
## Uterus-AdenoCA.SBS40.noisy.exposure

N = 42 prob = 0.7  
neg.binom.size = 30  
mu = 3496.3  
size = 2.9



## Uterus-AdenoCA.SBS44.real.exposure

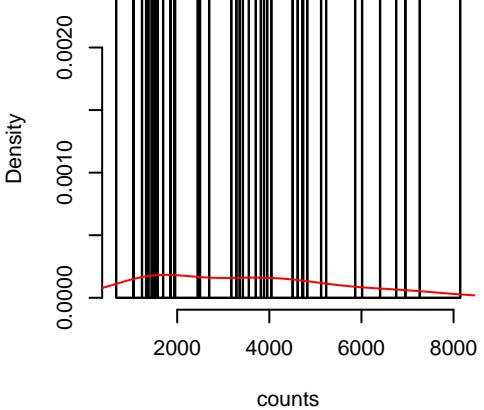
N = 8 prob = 0.1702  
mu = 17462.51  
size = 6.14



## Uterus-AdenoCA.SBS44.synthetic.exposure

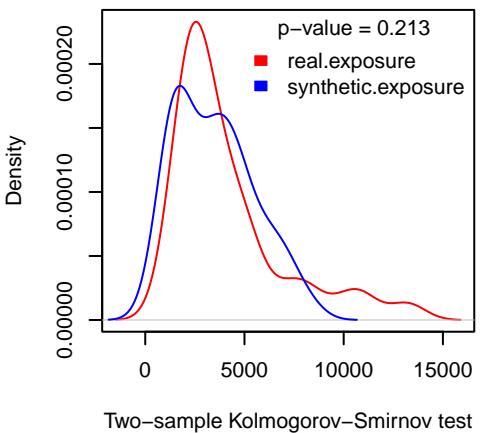
## Uterus-AdenoCA.SBS40.synthetic.exposure

N = 42 prob = 0.7  
mu = 3494.64  
size = 2.97



## Uterus-AdenoCA.SBS44.noisy.exposure

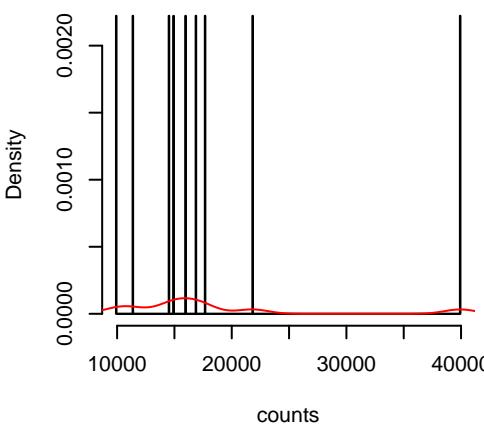
N = 42 prob = 0.7  
neg.binom.size = 30  
mu = 3496.3  
size = 2.9



## Two-sample Kolmogorov-Smirnov test

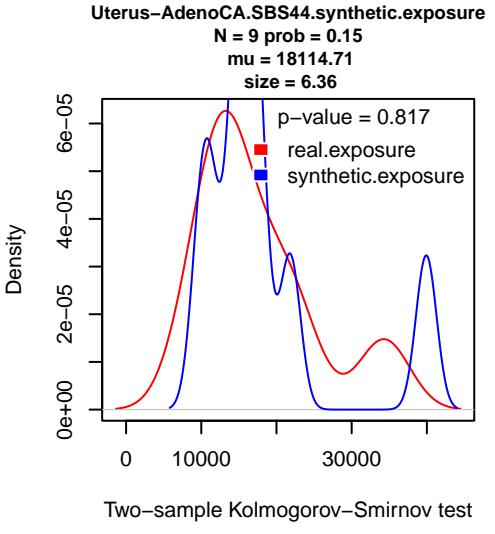
## Uterus-AdenoCA.SBS44.noisy.exposure

N = 9 prob = 0.15  
neg.binom.size = 30  
mu = 18340.14  
size = 6.2



## Uterus-AdenoCA.SBS44.real.exposure

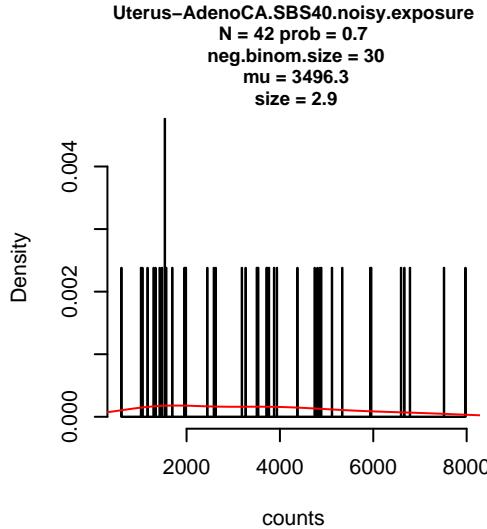
N = 8 prob = 0.1702  
mu = 17462.51  
size = 6.14



## Two-sample Kolmogorov-Smirnov test

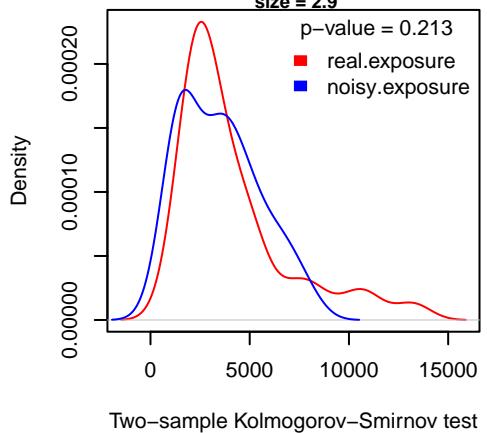
## Uterus-AdenoCA.SBS44.synthetic.exposure

N = 9 prob = 0.15  
mu = 18114.71  
size = 6.36



## Uterus-AdenoCA.SBS44.noisy.exposure

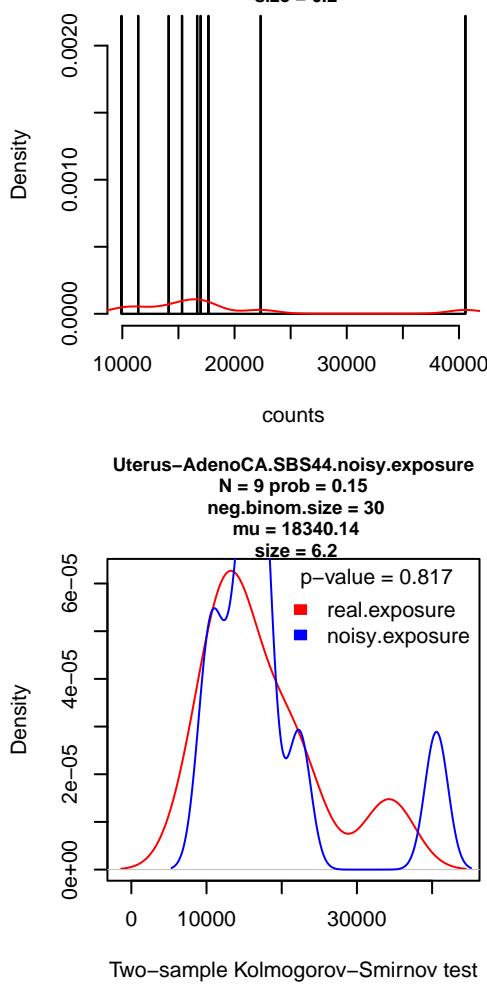
N = 9 prob = 0.15  
neg.binom.size = 30  
mu = 18340.14  
size = 6.2



## Two-sample Kolmogorov-Smirnov test

## Uterus-AdenoCA.SBS44.noisy.exposure

N = 9 prob = 0.15  
neg.binom.size = 30  
mu = 18340.14  
size = 6.2



## Two-sample Kolmogorov-Smirnov test