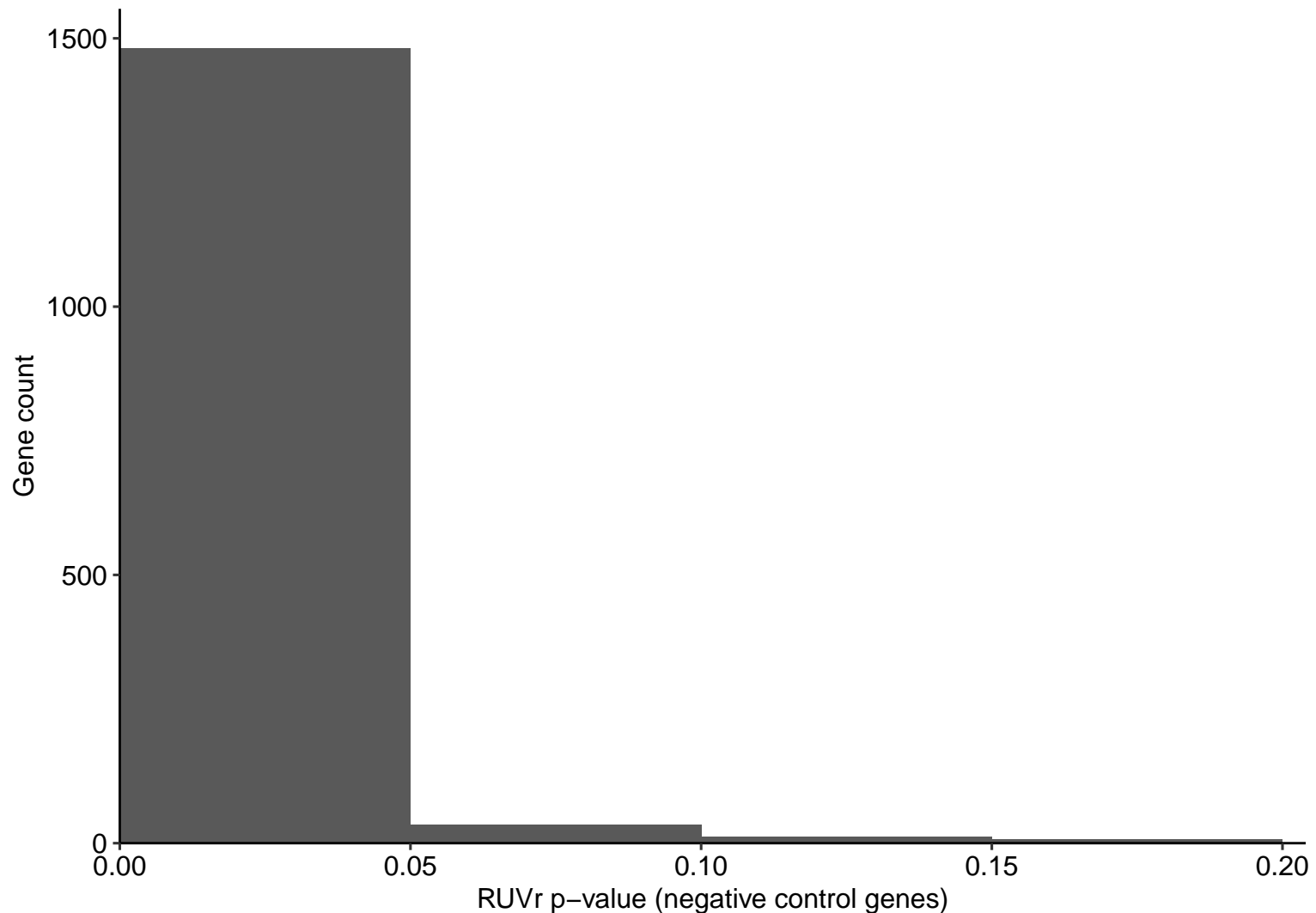


Histogram (k = 1)  
Total number of genes: 1534  
1481 genes have p-value < 0.05  
53 genes have p-value >= 0.05  
1455 genes have BH FDR < 0.05  
79 genes have BH FDR >= 0.05



Histogram (k = 2)

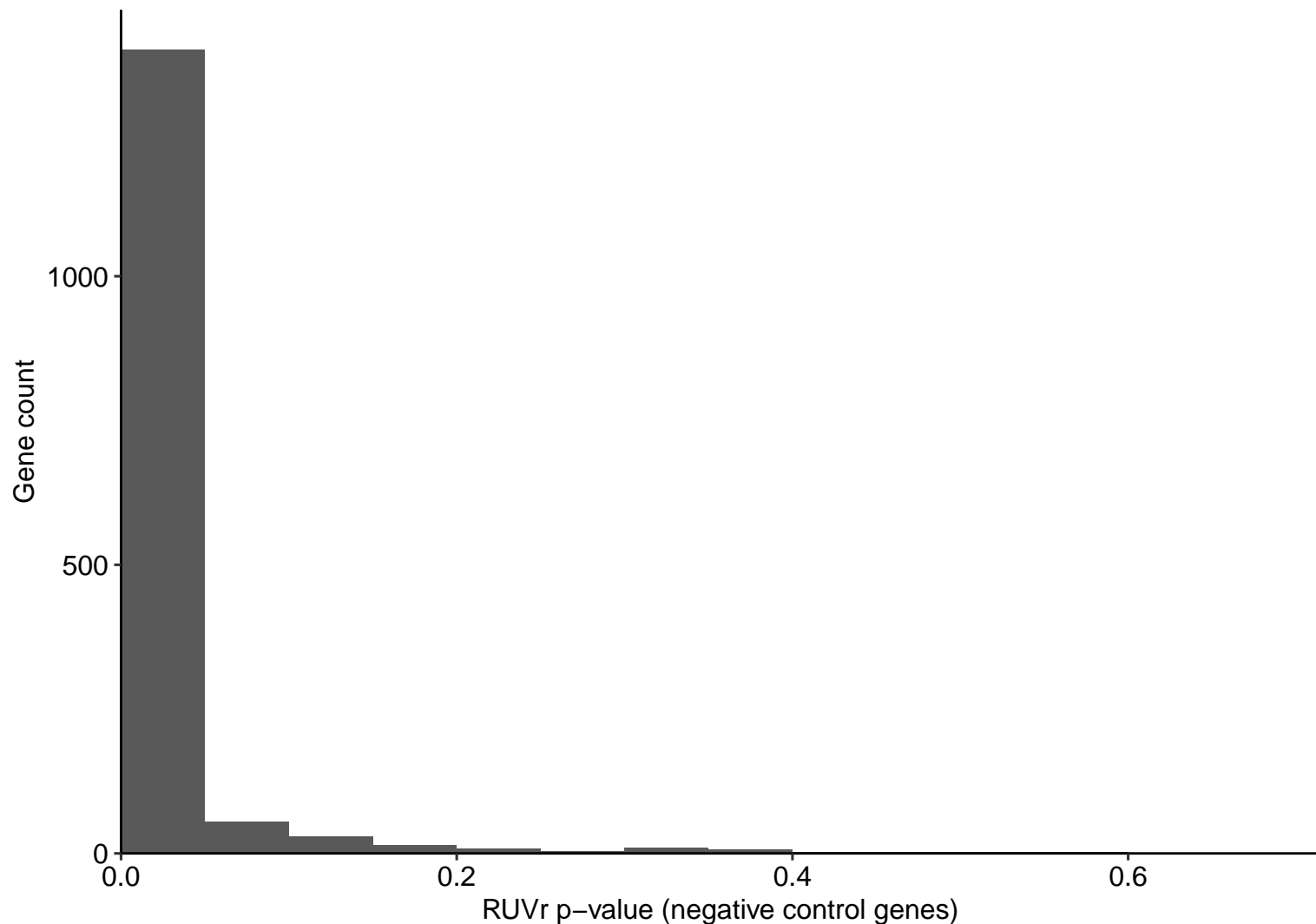
Total number of genes: 1534

1392 genes have p-value < 0.05

142 genes have p-value  $\geq 0.05$

1360 genes have BH FDR < 0.05

174 genes have BH FDR  $\geq 0.05$



Histogram (k = 3)

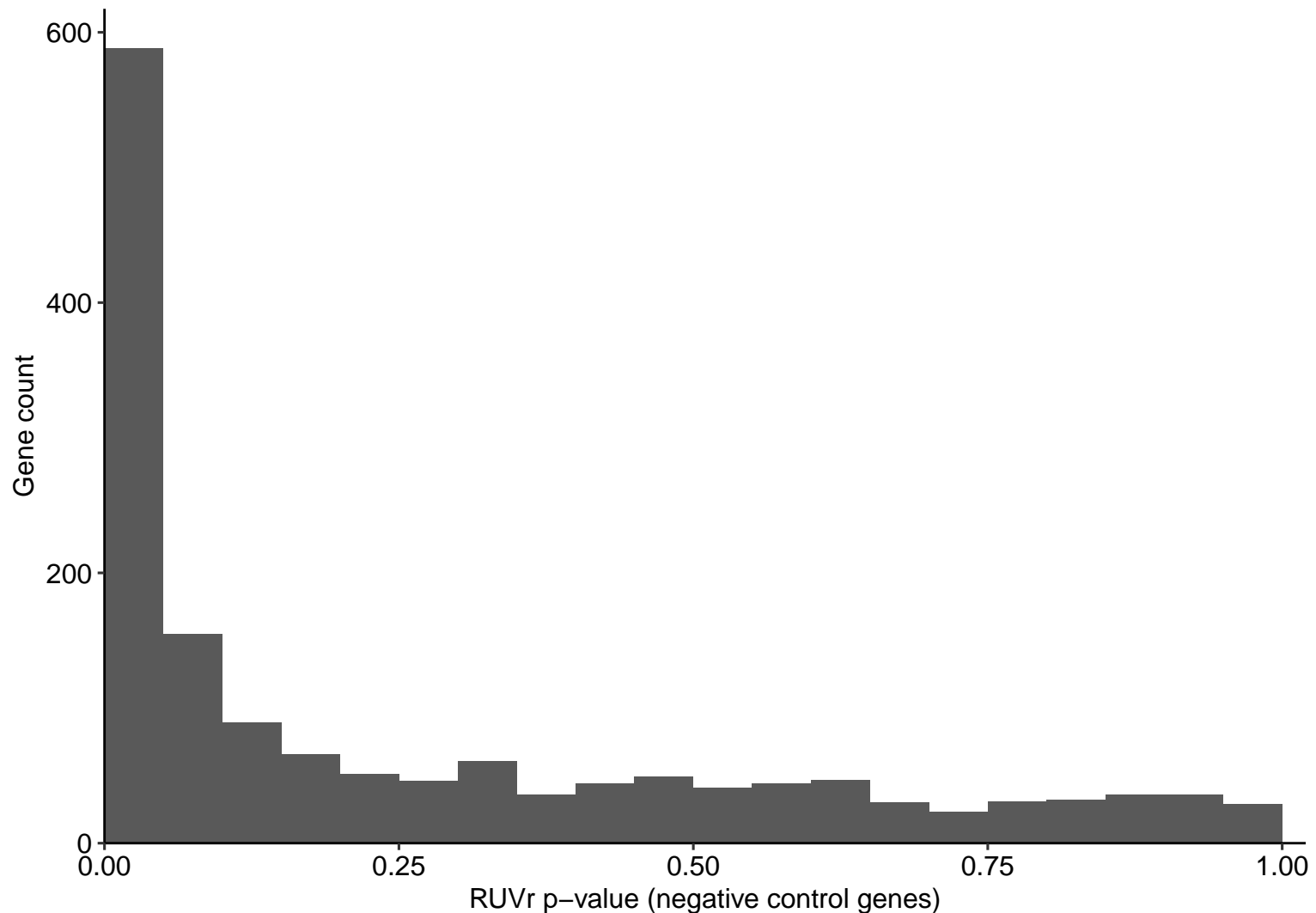
Total number of genes: 1534

588 genes have p-value < 0.05

946 genes have p-value  $\geq 0.05$

381 genes have BH FDR < 0.05

1153 genes have BH FDR  $\geq 0.05$



Histogram (k = 4)

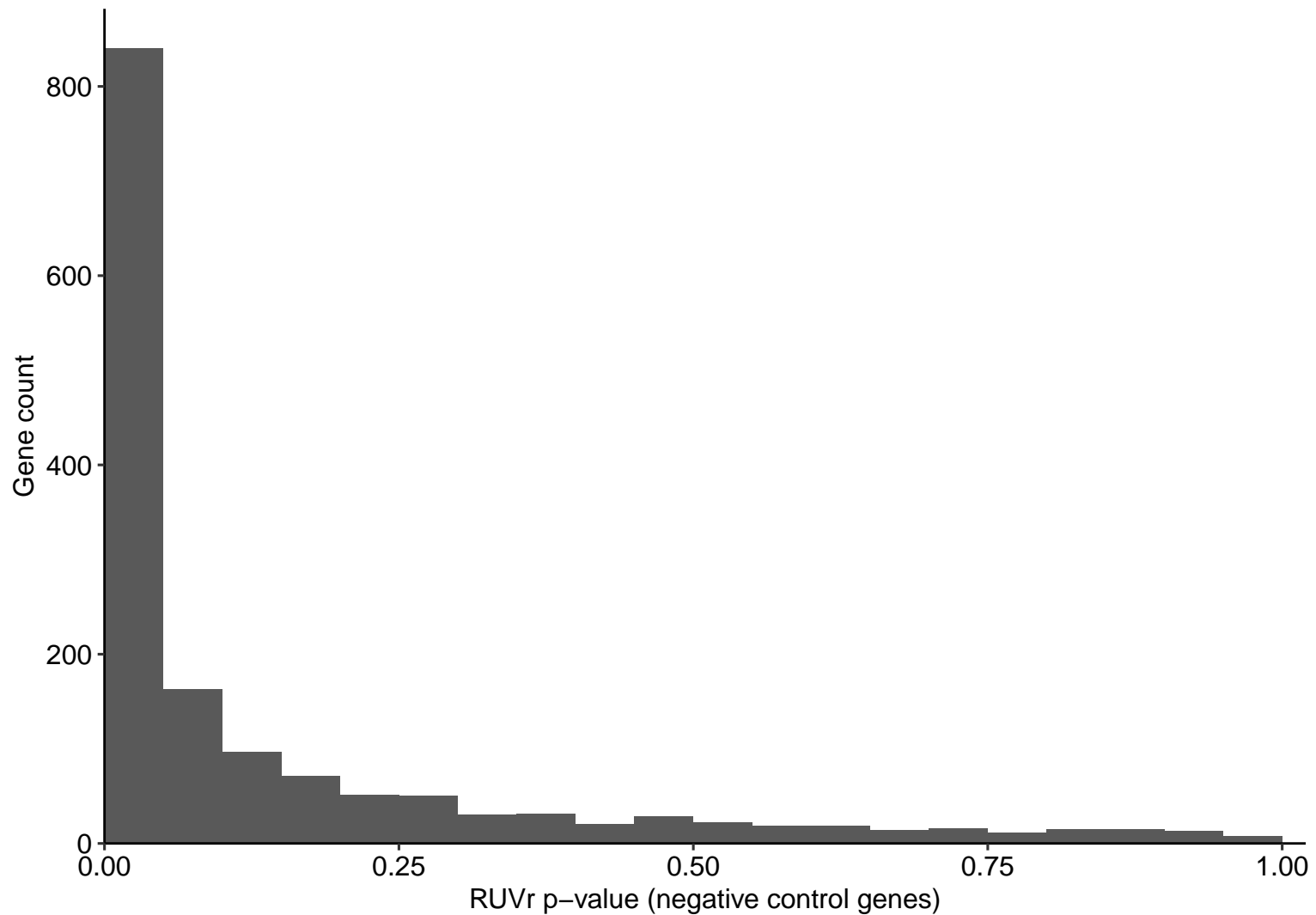
Total number of genes: 1534

840 genes have p-value < 0.05

694 genes have p-value  $\geq 0.05$

589 genes have BH FDR < 0.05

945 genes have BH FDR  $\geq 0.05$



Histogram (k = 5)

Total number of genes: 1534

3 genes have p-value < 0.05

1531 genes have p-value  $\geq 0.05$

0 genes have BH FDR < 0.05

1534 genes have BH FDR  $\geq 0.05$

