

Histogram (k = 1)

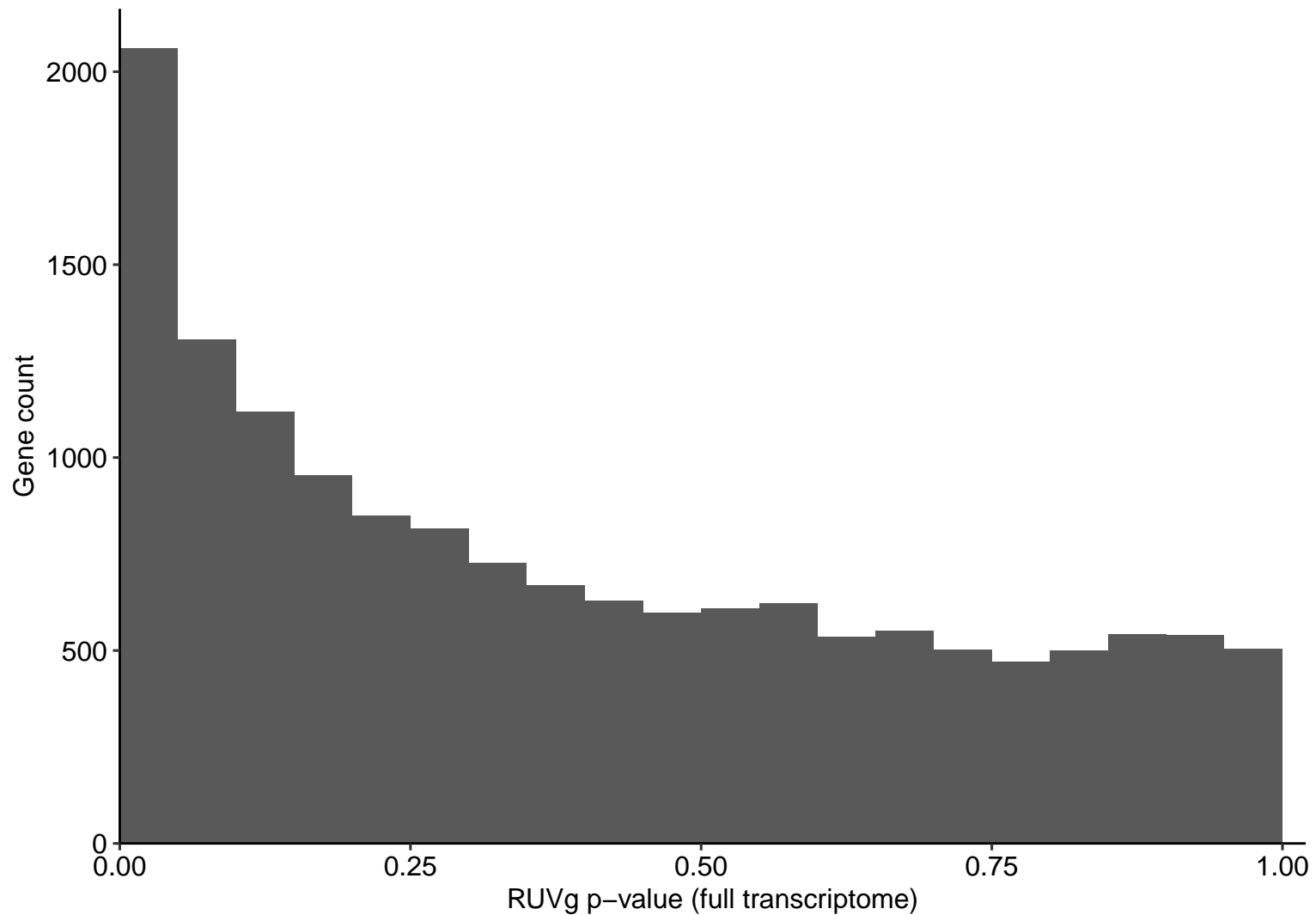
Total number of genes: 15104

2060 genes have p-value < 0.05

13044 genes have p-value  $\geq 0.05$

8 genes have BH FDR < 0.05

15096 genes have BH FDR  $\geq 0.05$



Histogram (k = 2)

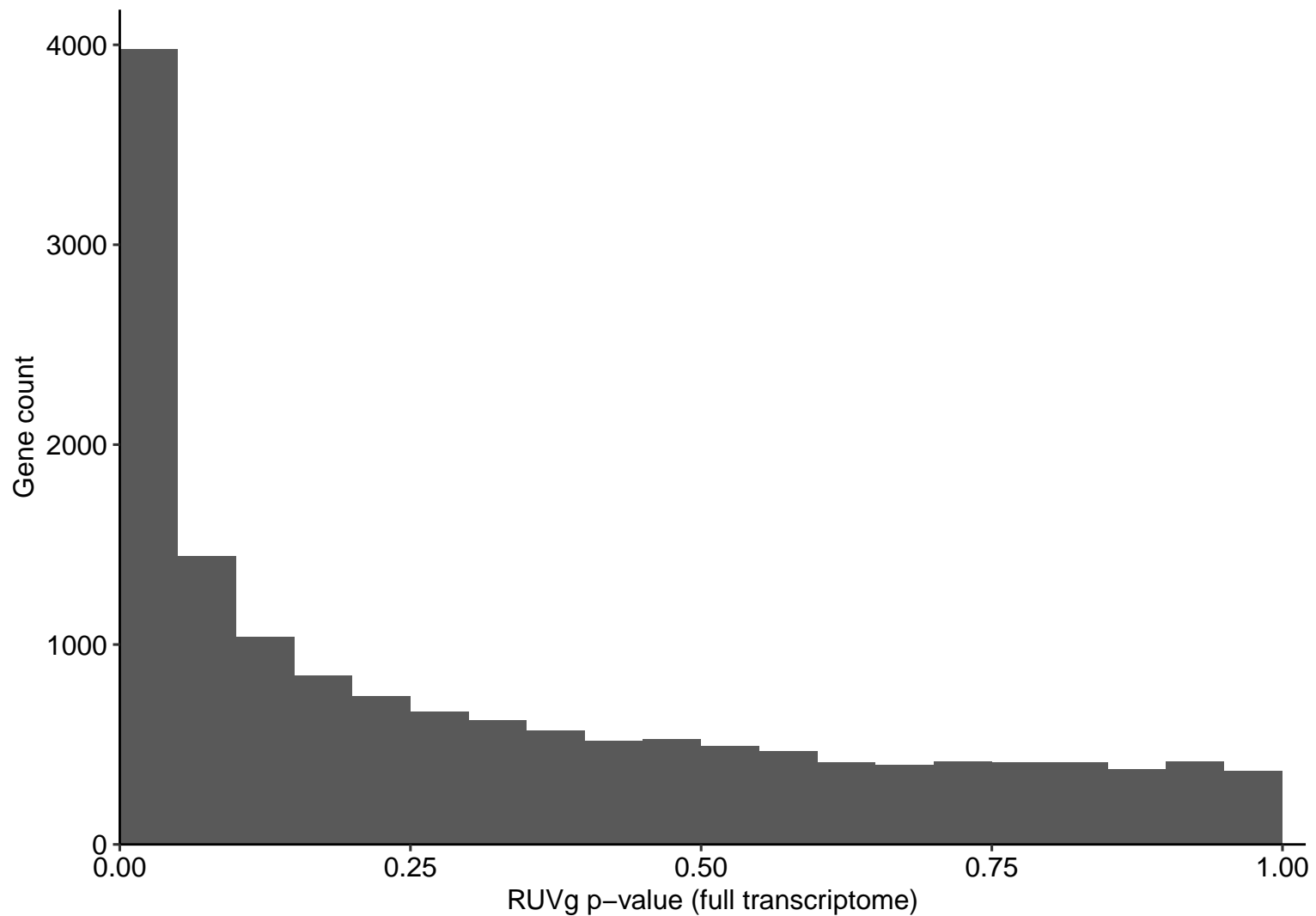
Total number of genes: 15104

3977 genes have p-value < 0.05

11127 genes have p-value  $\geq 0.05$

1273 genes have BH FDR < 0.05

13831 genes have BH FDR  $\geq 0.05$



Histogram (k = 3)

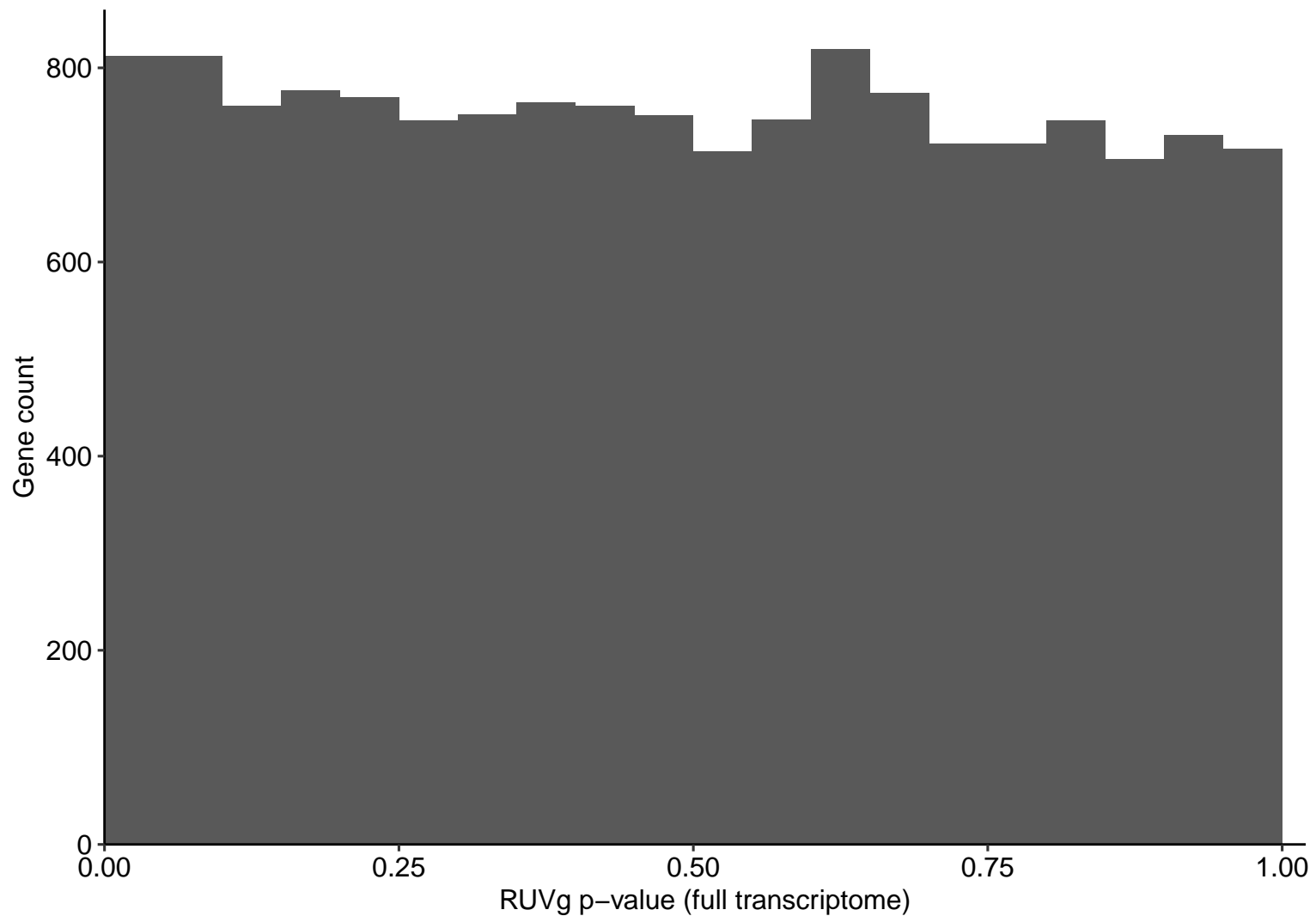
Total number of genes: 15104

812 genes have p-value < 0.05

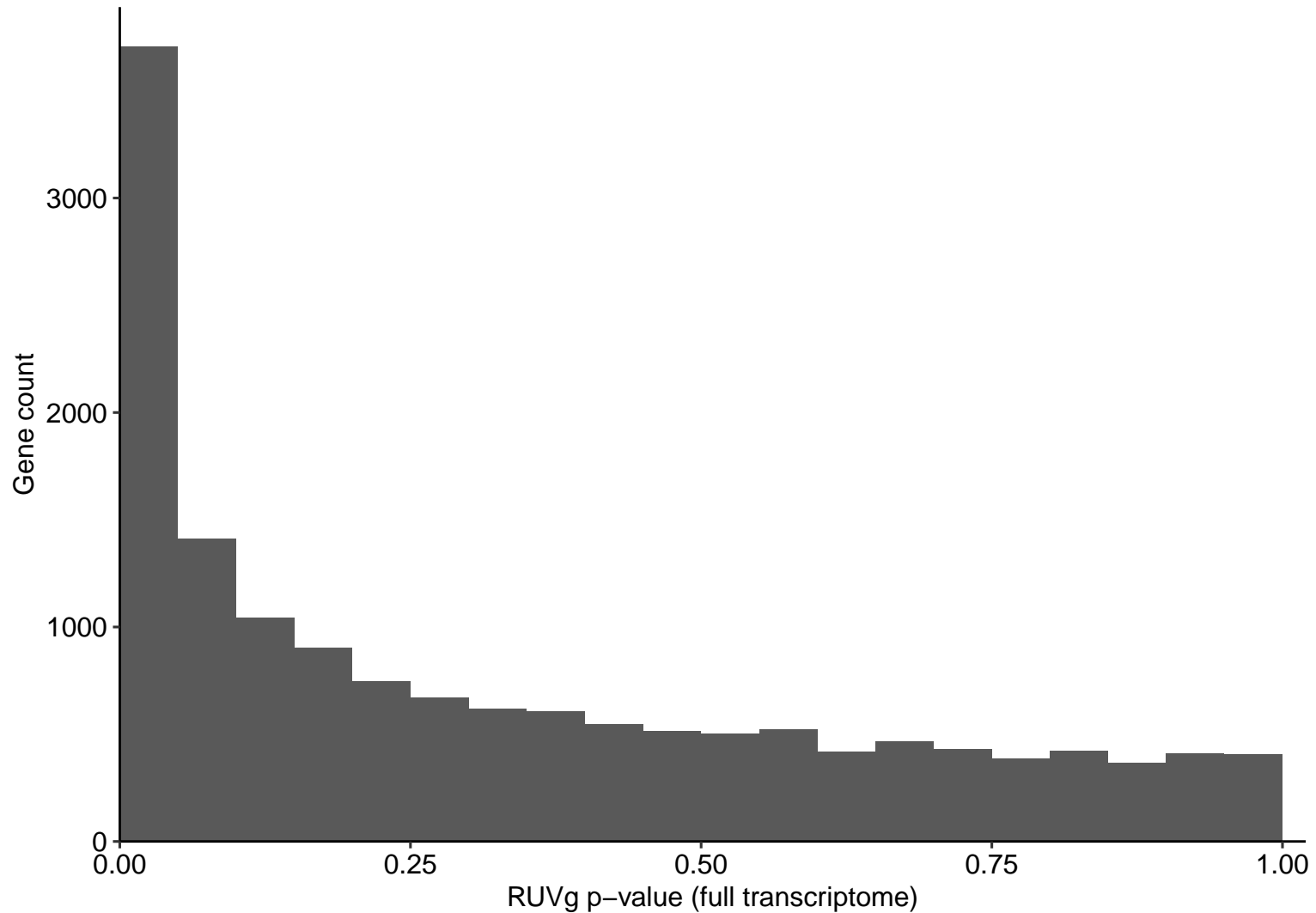
14292 genes have p-value  $\geq 0.05$

0 genes have BH FDR < 0.05

15104 genes have BH FDR  $\geq 0.05$



Histogram (k = 4)  
Total number of genes: 15104  
3705 genes have p-value < 0.05  
11399 genes have p-value  $\geq 0.05$   
991 genes have BH FDR < 0.05  
14113 genes have BH FDR  $\geq 0.05$



Histogram (k = 5)

Total number of genes: 15104

3855 genes have p-value < 0.05

11249 genes have p-value  $\geq 0.05$

1090 genes have BH FDR < 0.05

14014 genes have BH FDR  $\geq 0.05$

