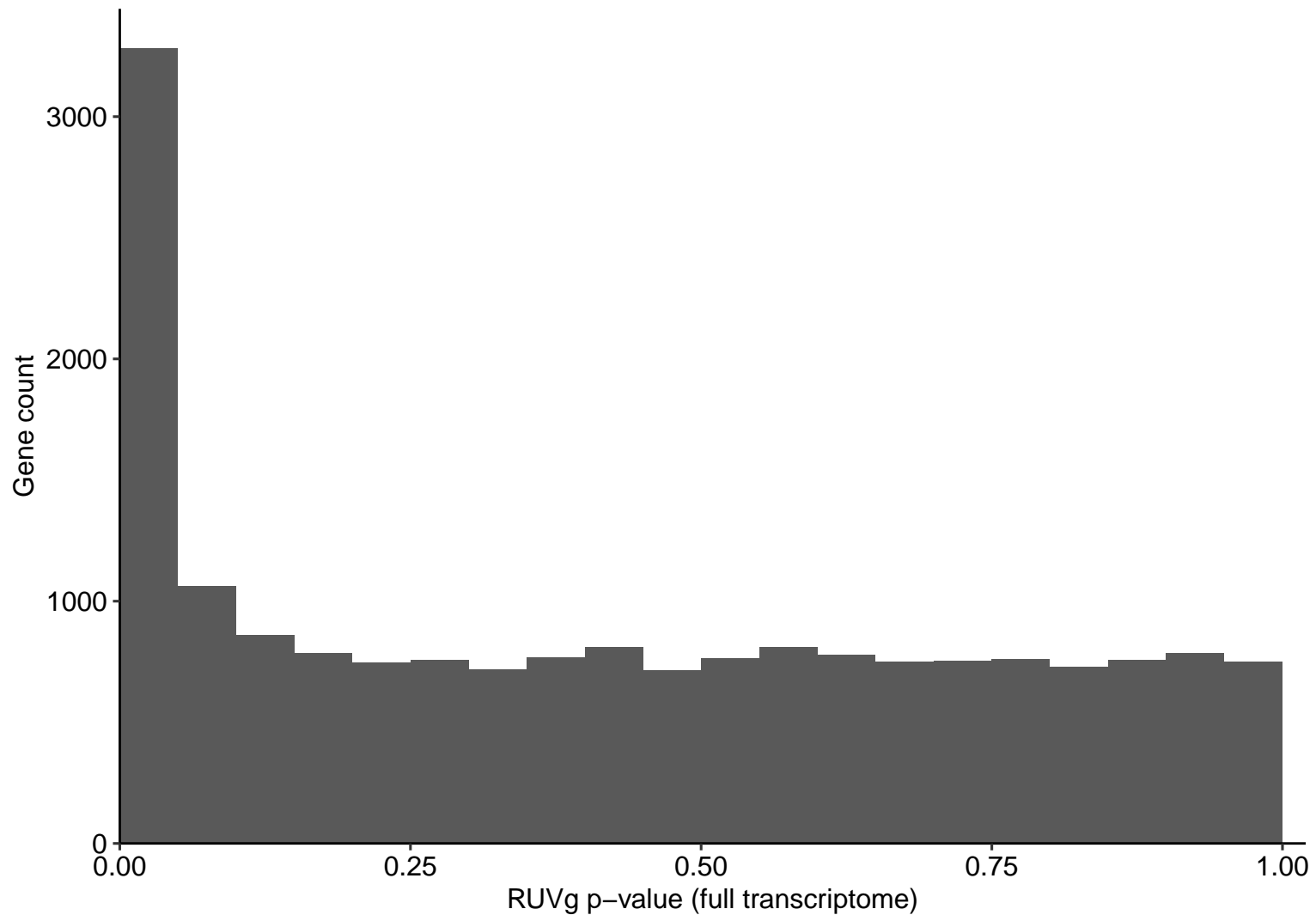


Histogram (k = 1)  
Total number of genes: 18138  
3281 genes have p-value < 0.05  
14857 genes have p-value  $\geq 0.05$   
928 genes have BH FDR < 0.05  
17210 genes have BH FDR  $\geq 0.05$



# Histogram (k = 2)

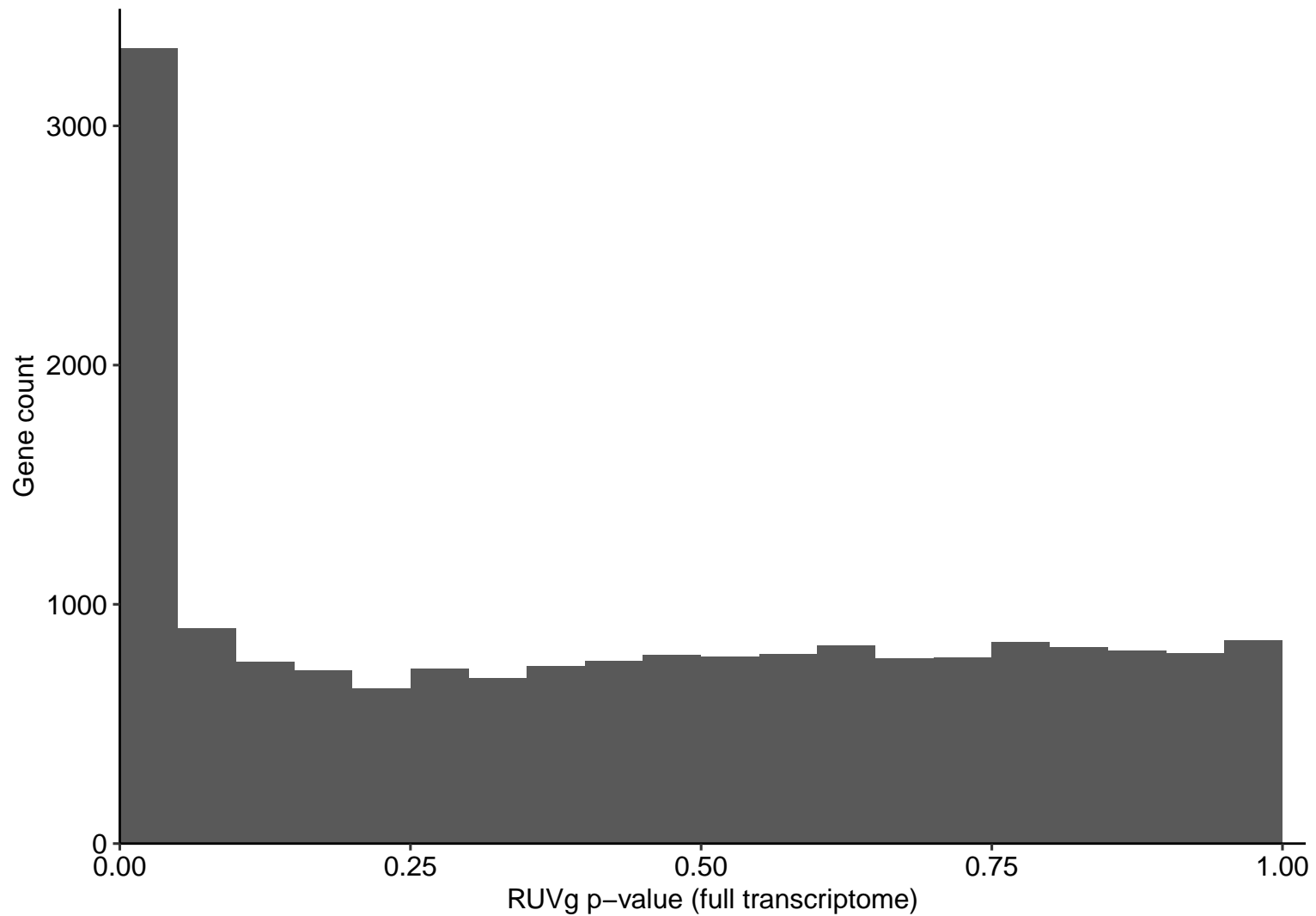
Total number of genes: 18138

3323 genes have p-value < 0.05

14815 genes have p-value  $\geq 0.05$

1731 genes have BH FDR < 0.05

16407 genes have BH FDR  $\geq 0.05$



Histogram (k = 3)

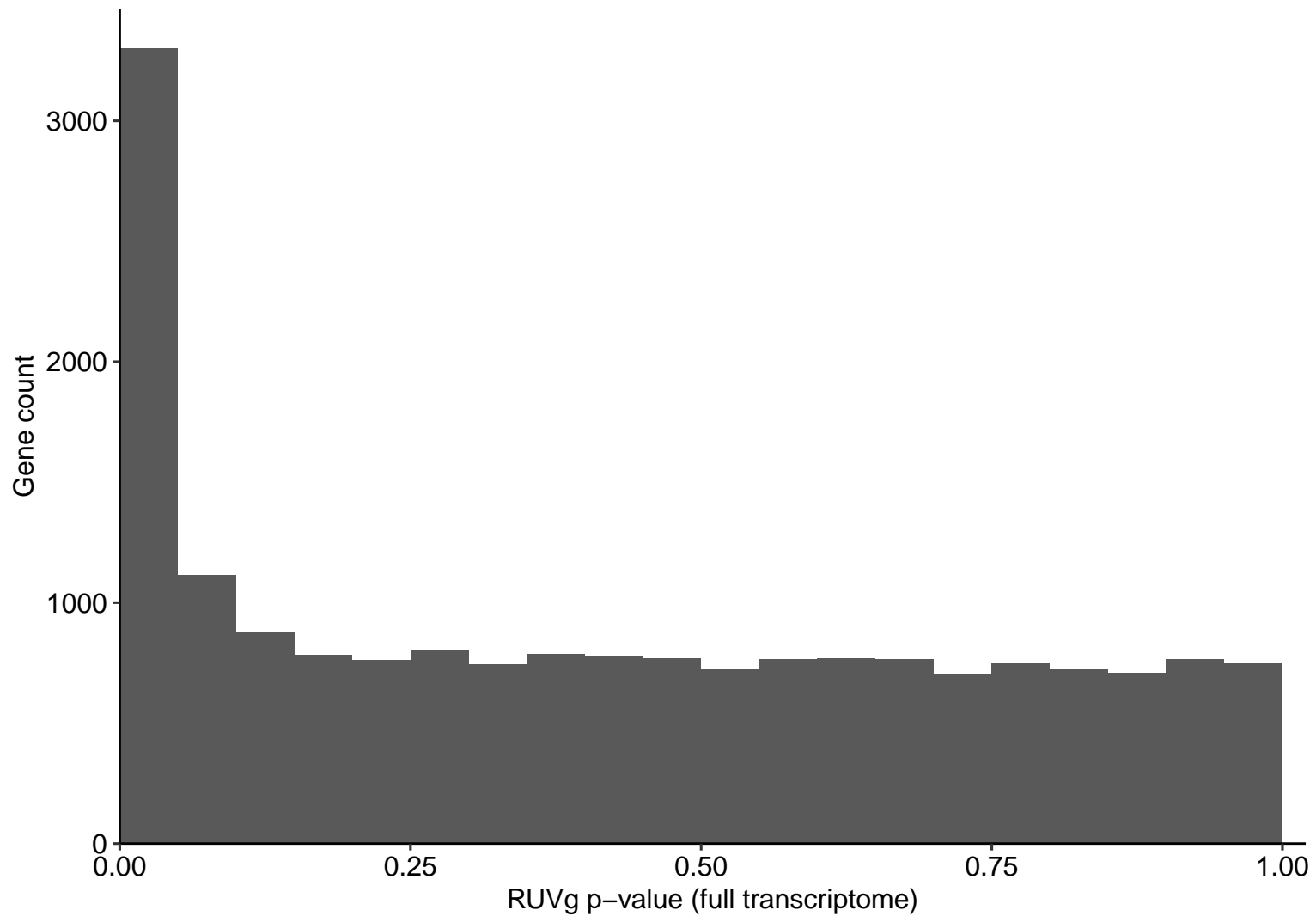
Total number of genes: 18138

3300 genes have p-value < 0.05

14838 genes have p-value  $\geq 0.05$

698 genes have BH FDR < 0.05

17440 genes have BH FDR  $\geq 0.05$



Histogram (k = 4)

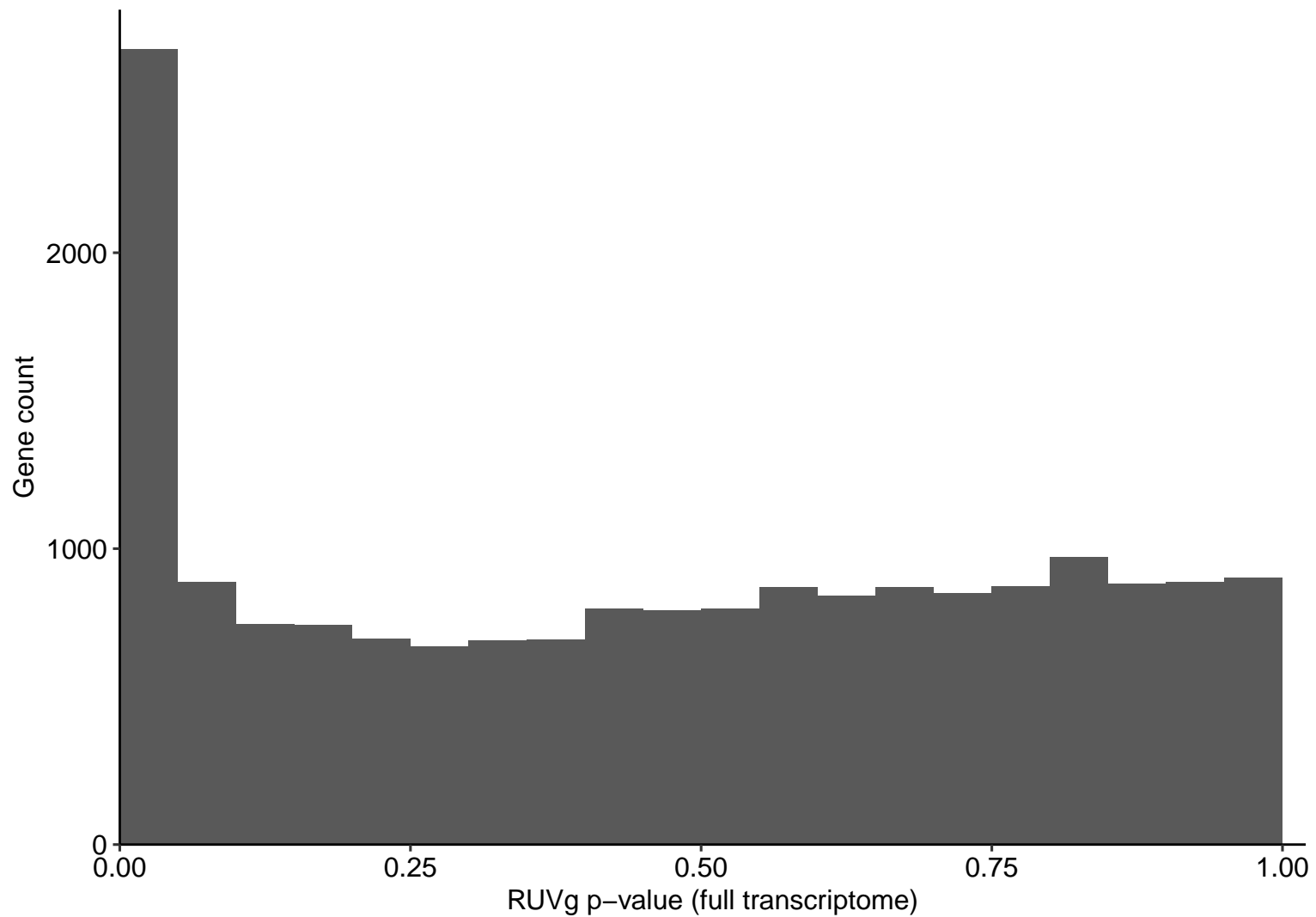
Total number of genes: 18138

2687 genes have p-value < 0.05

15451 genes have p-value  $\geq 0.05$

1145 genes have BH FDR < 0.05

16993 genes have BH FDR  $\geq 0.05$



# Histogram (k = 5)

Total number of genes: 18138

3236 genes have p-value < 0.05

14902 genes have p-value  $\geq 0.05$

1396 genes have BH FDR < 0.05

16742 genes have BH FDR  $\geq 0.05$

