

Histogram (k = 1)

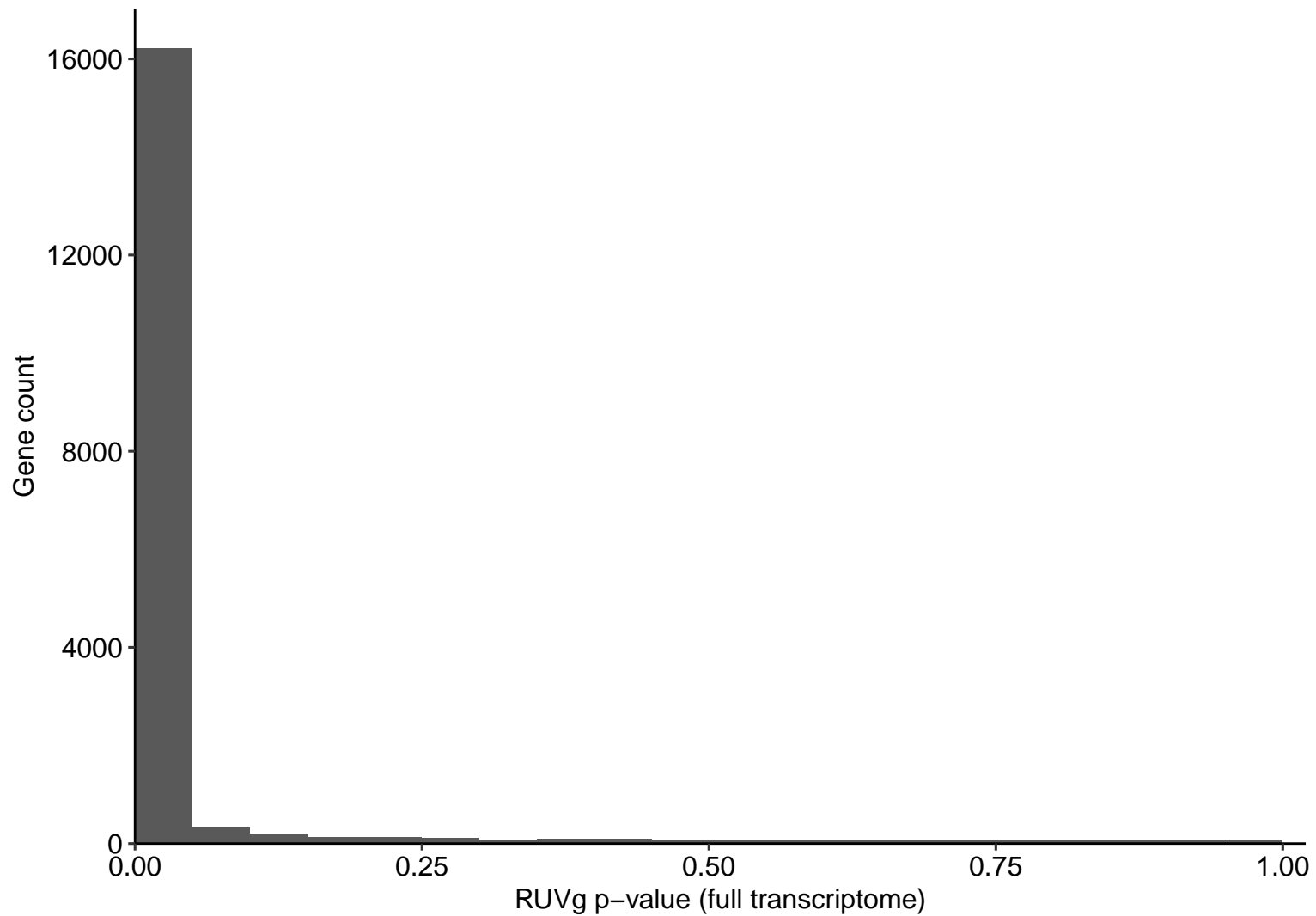
Total number of genes: 18138

16211 genes have p-value < 0.05

1927 genes have p-value  $\geq 0.05$

16170 genes have BH FDR < 0.05

1968 genes have BH FDR  $\geq 0.05$



Histogram (k = 2)

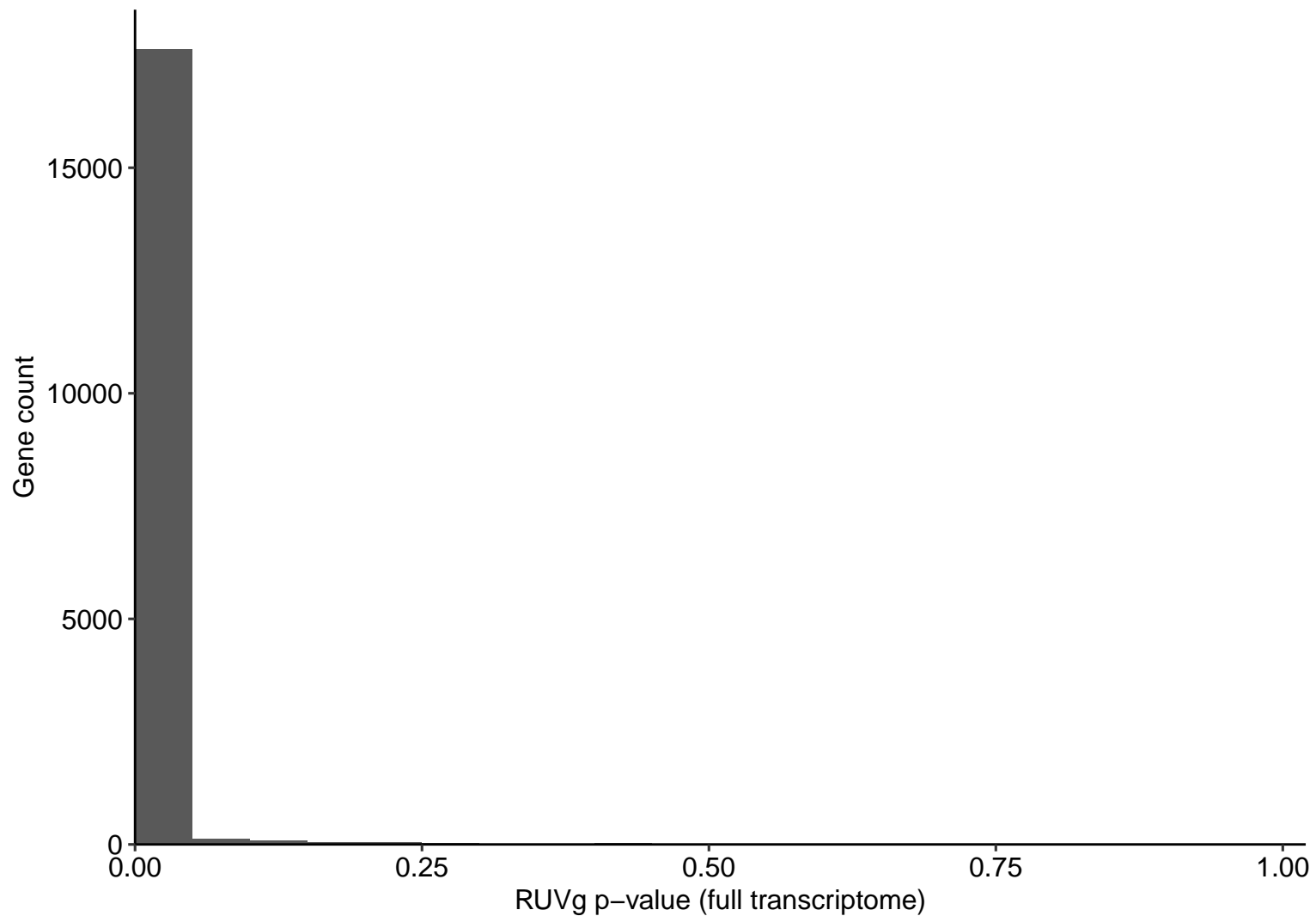
Total number of genes: 18138

17623 genes have p-value < 0.05

515 genes have p-value  $\geq 0.05$

17617 genes have BH FDR < 0.05

521 genes have BH FDR  $\geq 0.05$



Histogram (k = 3)

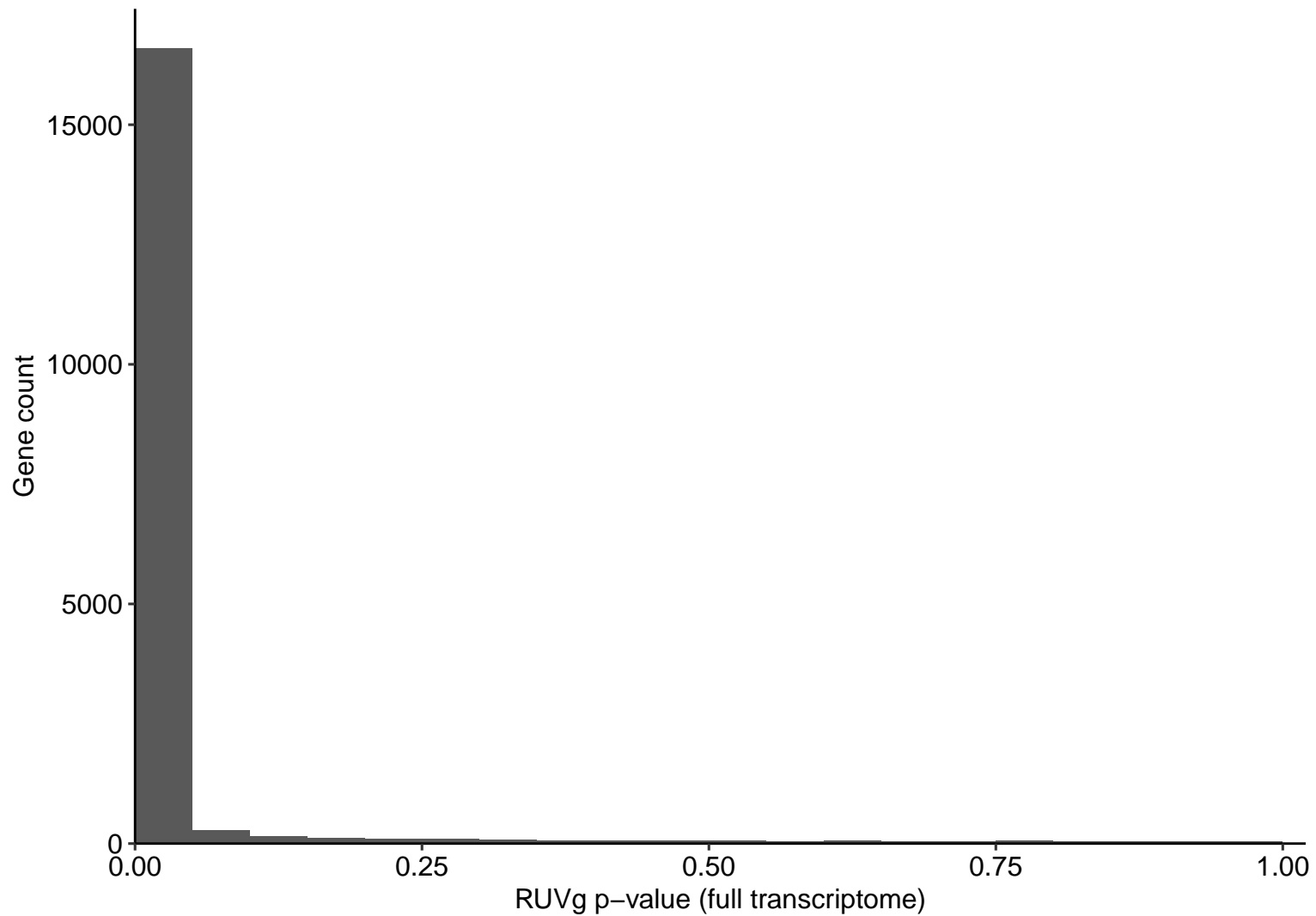
Total number of genes: 18138

16589 genes have p-value < 0.05

1549 genes have p-value  $\geq 0.05$

16554 genes have BH FDR < 0.05

1584 genes have BH FDR  $\geq 0.05$



Histogram (k = 4)

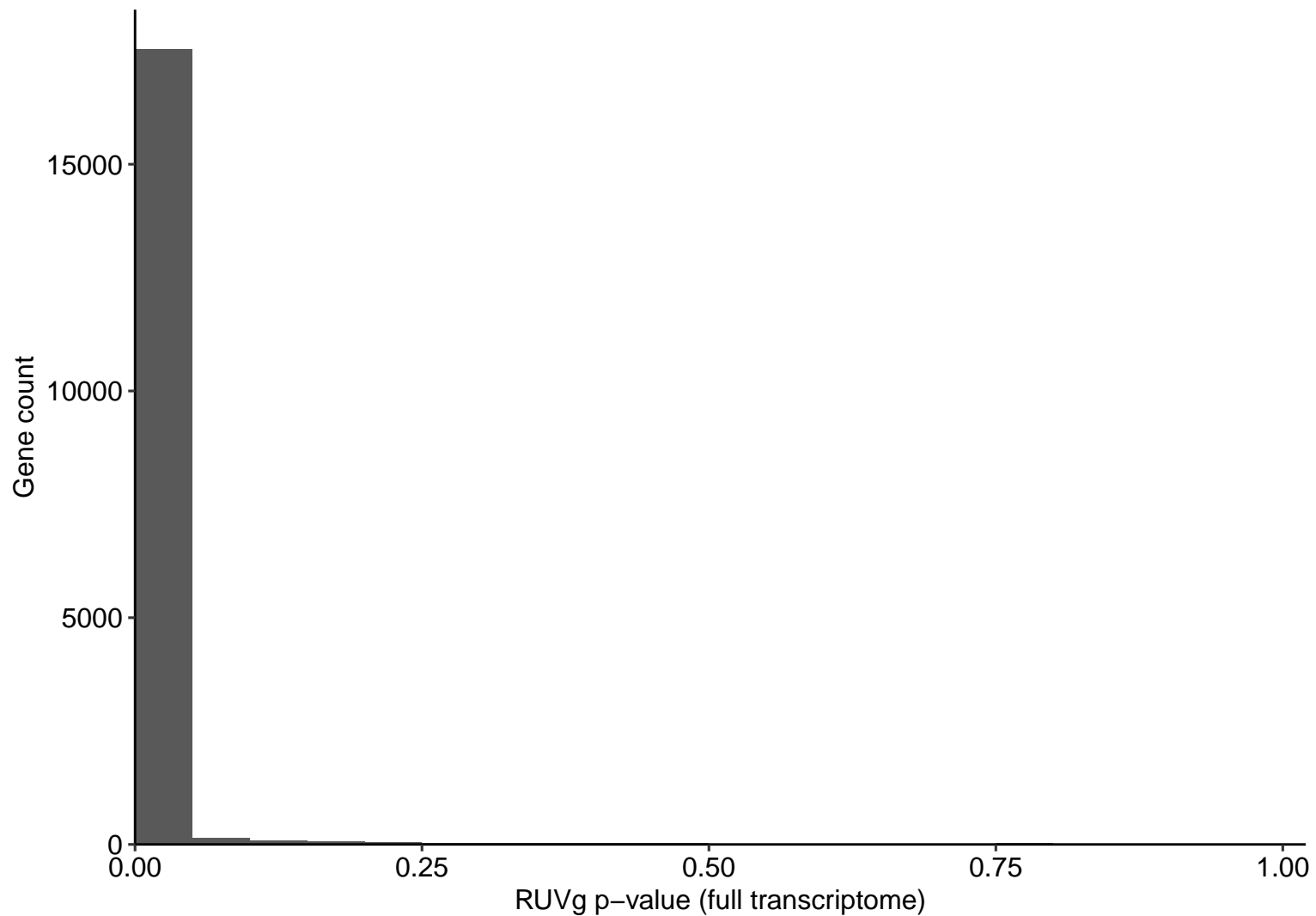
Total number of genes: 18138

17532 genes have p-value < 0.05

606 genes have p-value  $\geq 0.05$

17524 genes have BH FDR < 0.05

614 genes have BH FDR  $\geq 0.05$



Histogram (k = 5)

Total number of genes: 18138

17348 genes have p-value < 0.05

790 genes have p-value  $\geq 0.05$

17336 genes have BH FDR < 0.05

802 genes have BH FDR  $\geq 0.05$

