

Histogram (k = 1)

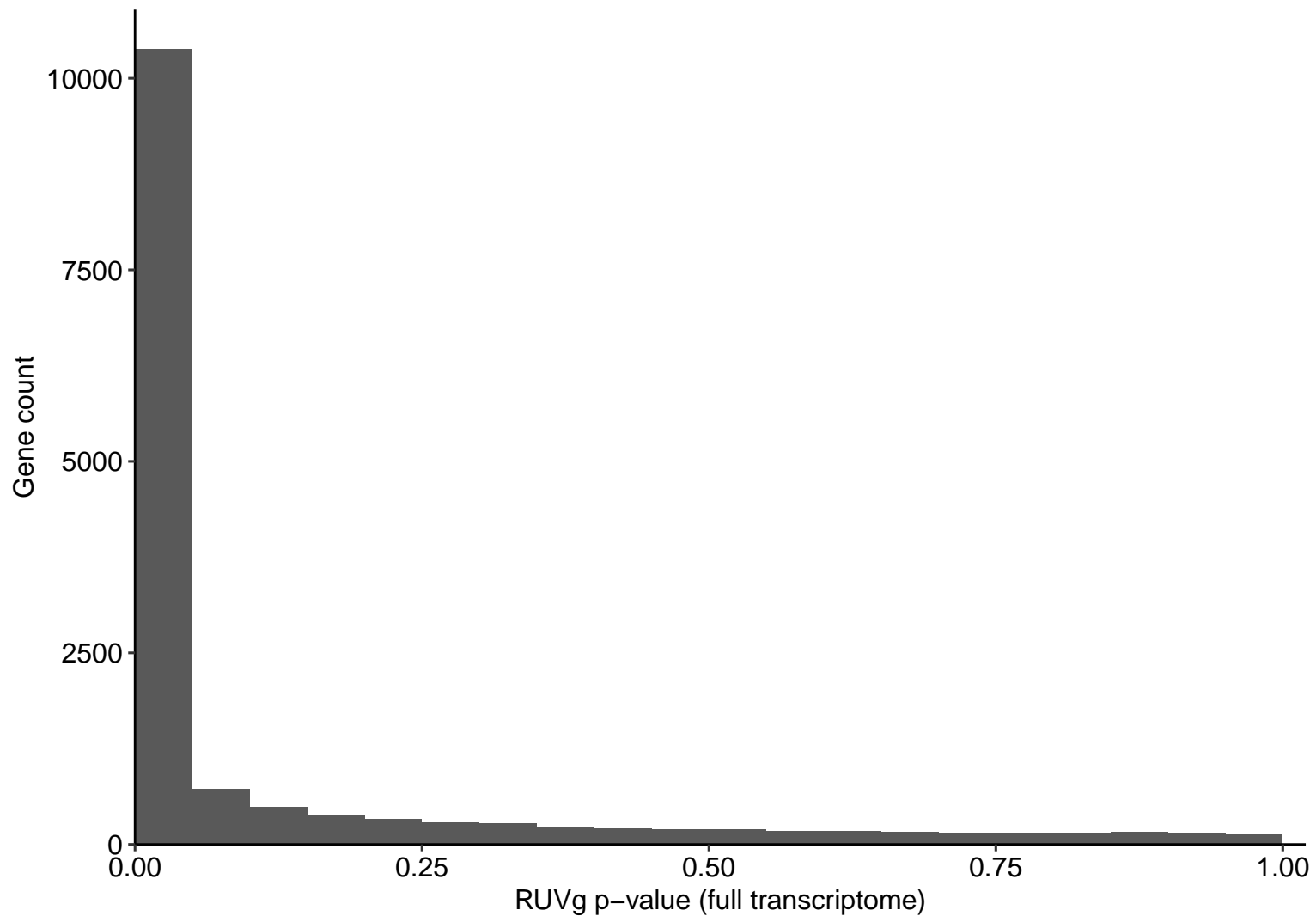
Total number of genes: 15104

10377 genes have p-value < 0.05

4727 genes have p-value  $\geq 0.05$

9988 genes have BH FDR < 0.05

5116 genes have BH FDR  $\geq 0.05$



Histogram (k = 2)

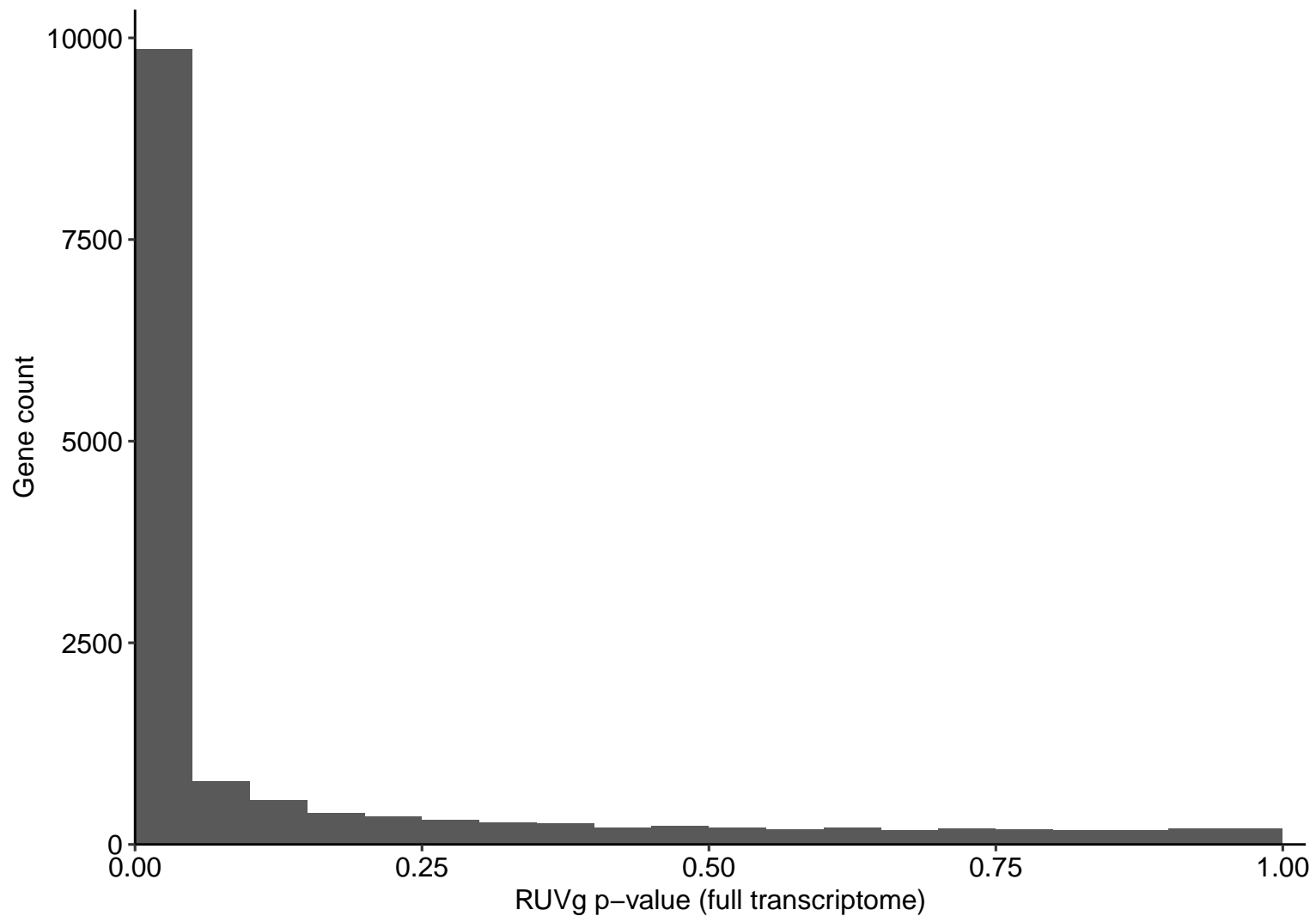
Total number of genes: 15104

9857 genes have p-value < 0.05

5247 genes have p-value  $\geq 0.05$

9321 genes have BH FDR < 0.05

5783 genes have BH FDR  $\geq 0.05$



Histogram (k = 3)

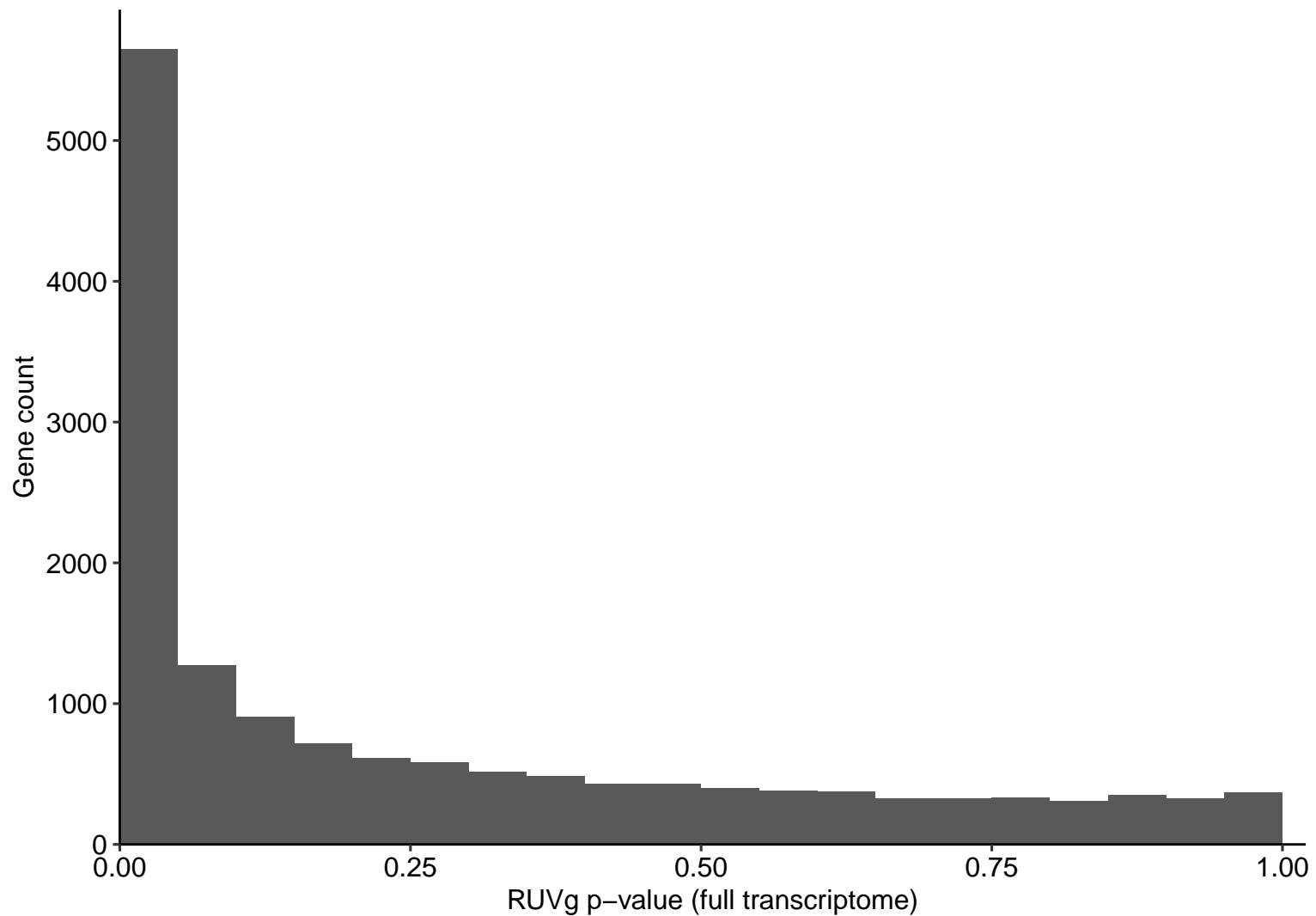
Total number of genes: 15104

5647 genes have p-value < 0.05

9457 genes have p-value  $\geq 0.05$

3897 genes have BH FDR < 0.05

11207 genes have BH FDR  $\geq 0.05$



# Histogram (k = 4)

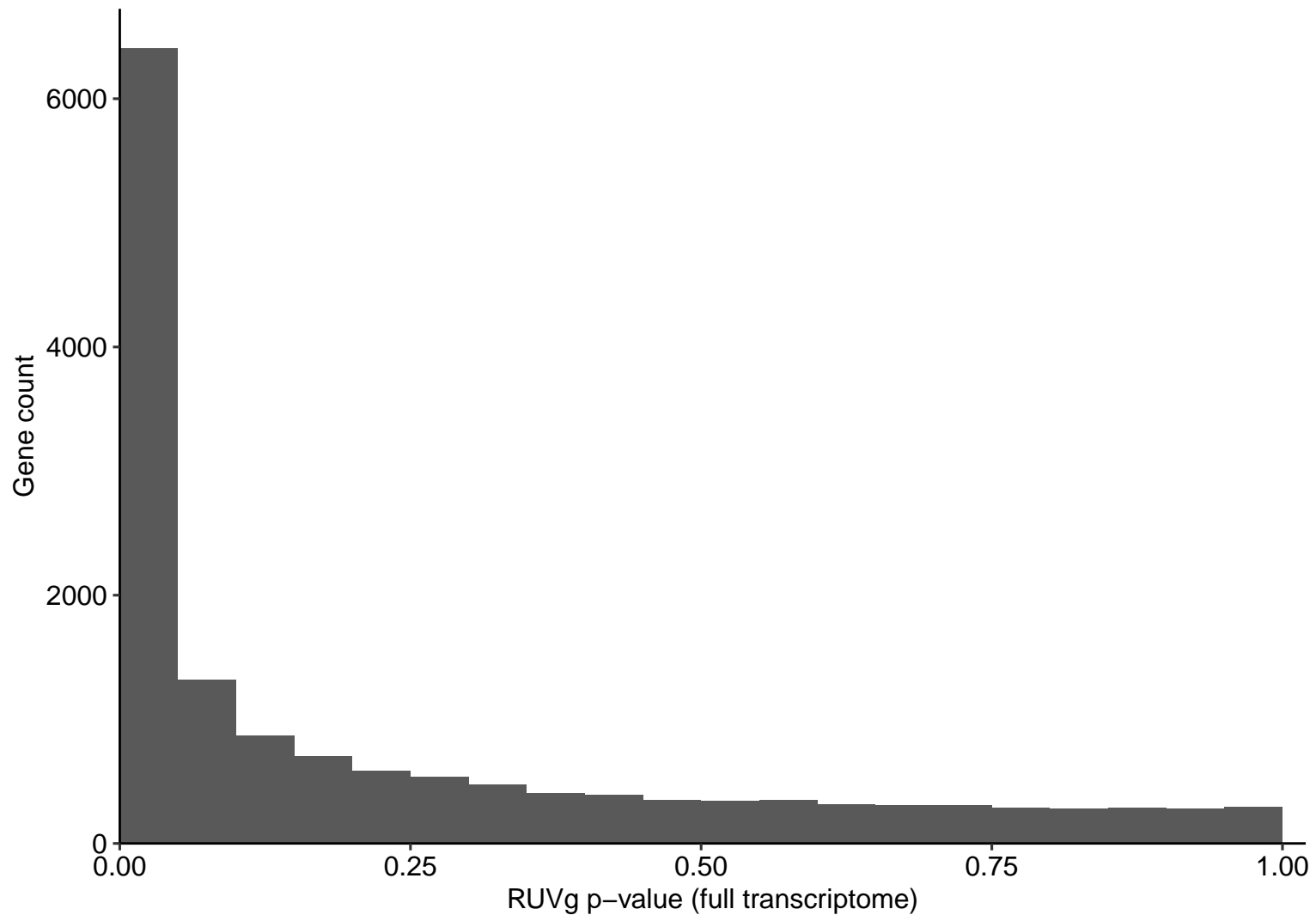
Total number of genes: 15104

6404 genes have p-value < 0.05

8700 genes have p-value  $\geq 0.05$

4547 genes have BH FDR < 0.05

10557 genes have BH FDR  $\geq 0.05$



Histogram (k = 5)

Total number of genes: 15104

291 genes have p-value < 0.05

14813 genes have p-value  $\geq 0.05$

0 genes have BH FDR < 0.05

15104 genes have BH FDR  $\geq 0.05$

