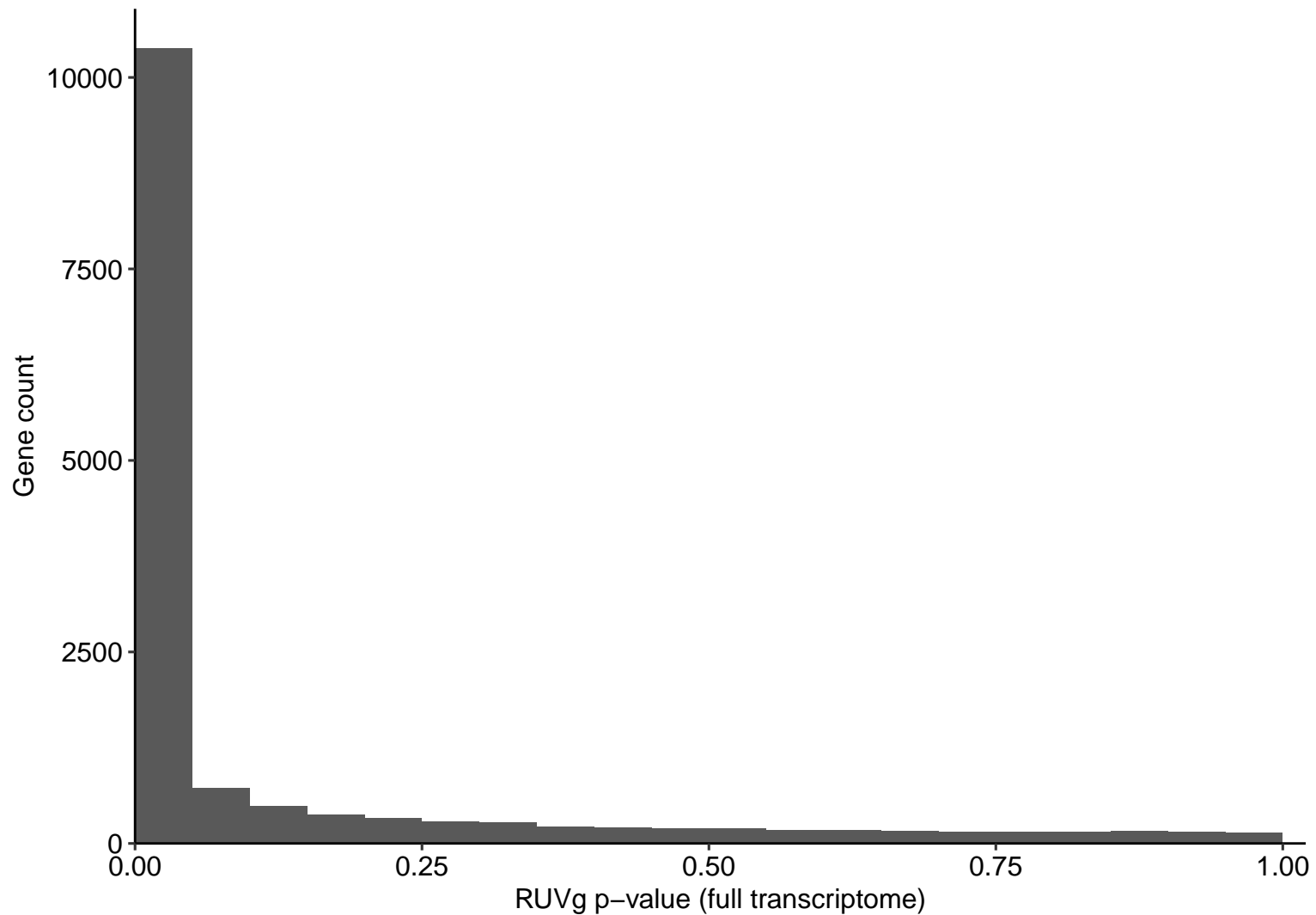


Histogram of paired analysis ($k = 1$)
Total number of genes: 15104
10377 genes have p -value < 0.05
4727 genes have p -value ≥ 0.05
9988 genes have BH FDR < 0.05
5116 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 2$)

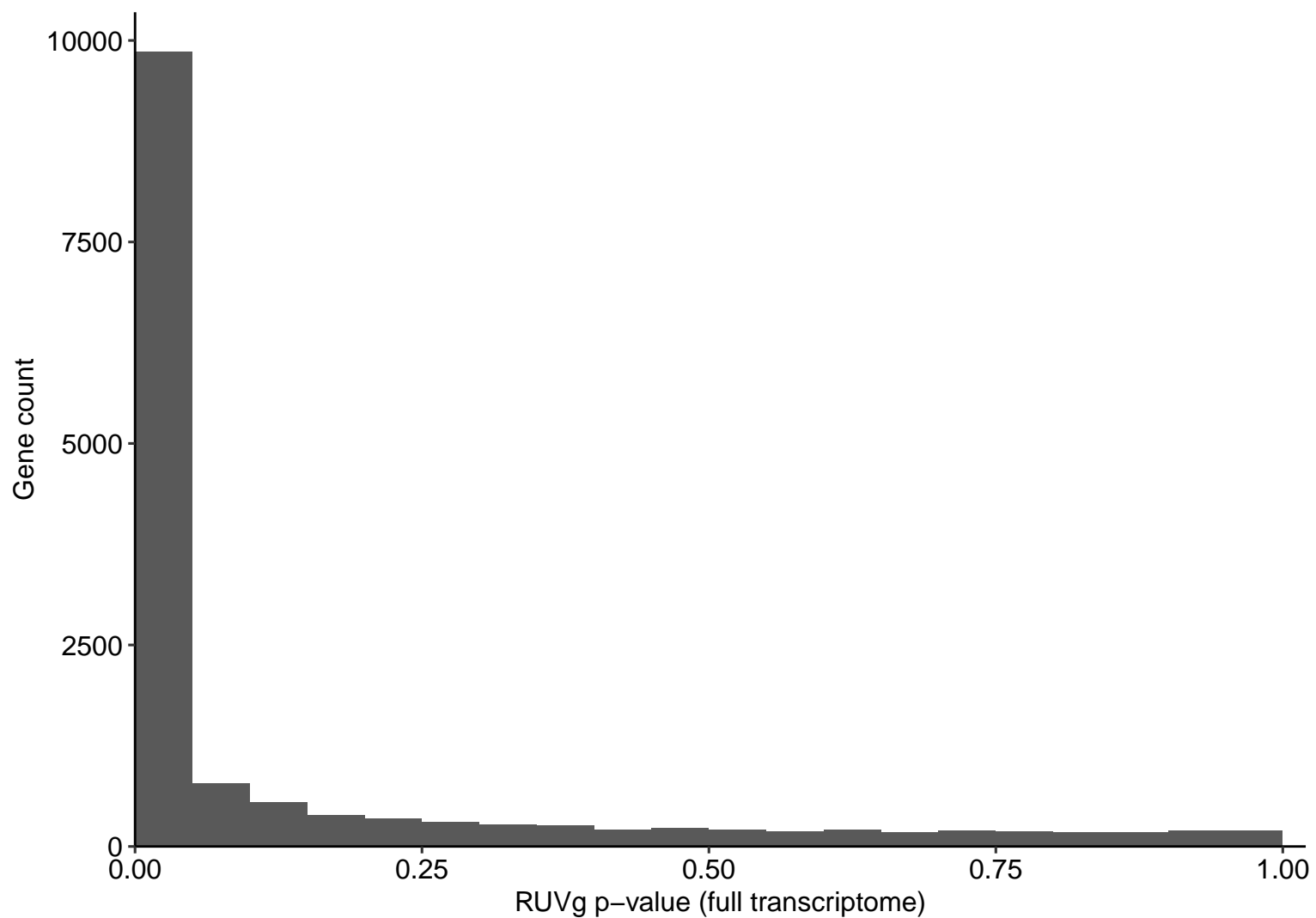
Total number of genes: 15104

9857 genes have $p\text{-value} < 0.05$

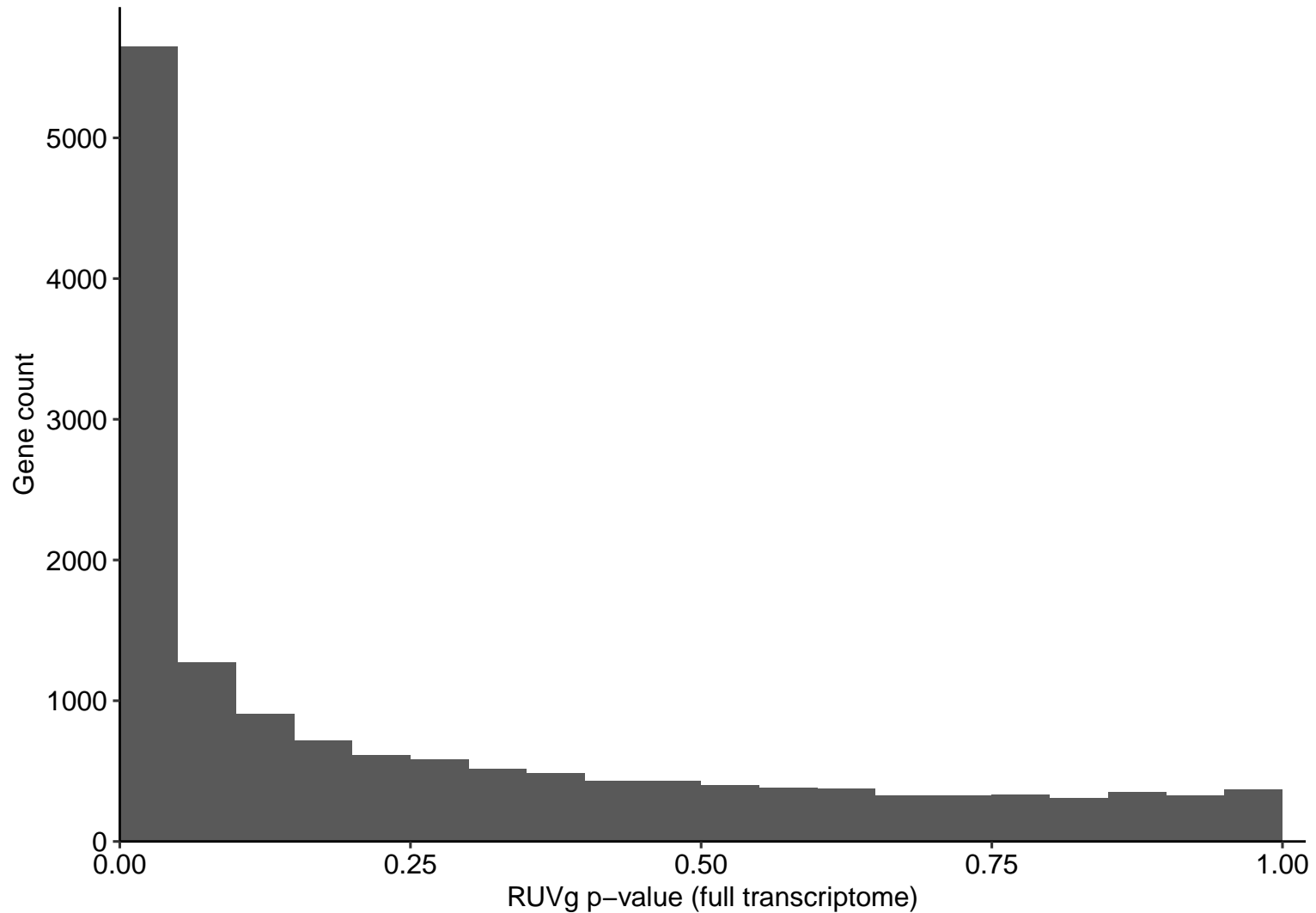
5247 genes have $p\text{-value} \geq 0.05$

9321 genes have BH FDR < 0.05

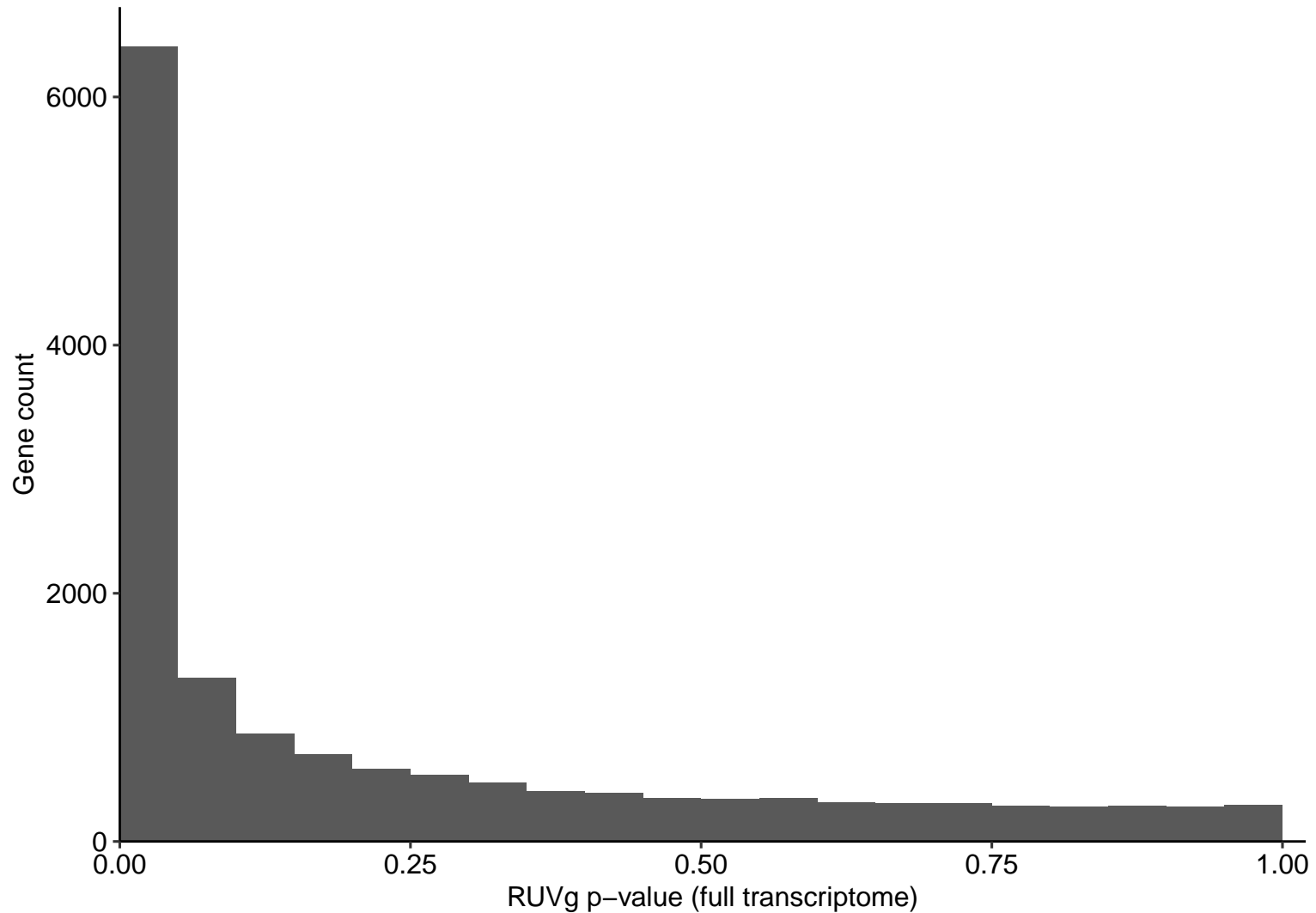
5783 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 3$)
Total number of genes: 15104
5647 genes have $p\text{-value} < 0.05$
9457 genes have $p\text{-value} \geq 0.05$
3897 genes have BH FDR < 0.05
11207 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 4$)
Total number of genes: 15104
6404 genes have $p\text{-value} < 0.05$
8700 genes have $p\text{-value} \geq 0.05$
4547 genes have BH FDR < 0.05
10557 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 5$)
Total number of genes: 15104
291 genes have $p\text{-value} < 0.05$
14813 genes have $p\text{-value} \geq 0.05$
0 genes have BH FDR < 0.05
15104 genes have BH FDR ≥ 0.05

