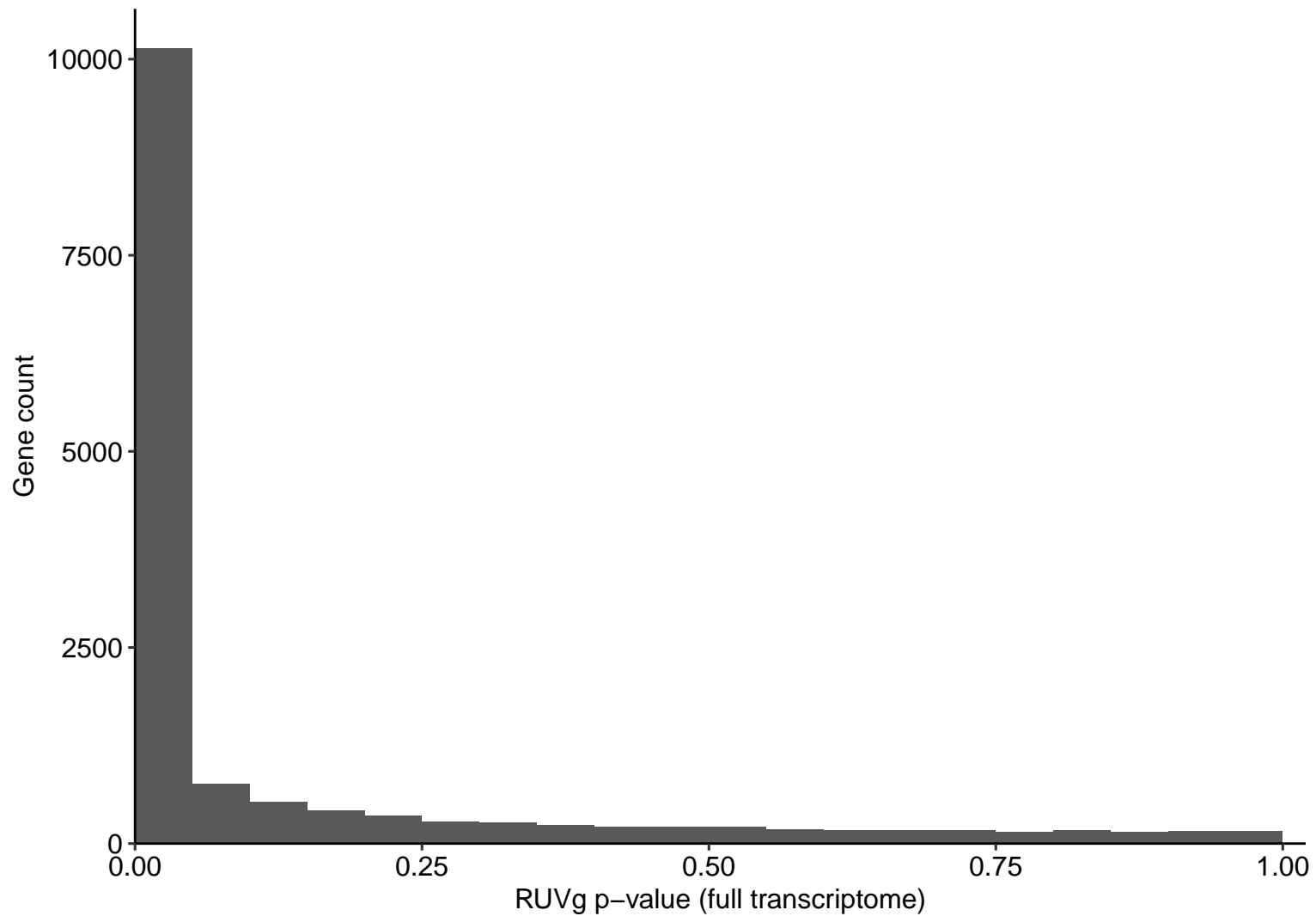


Histogram of paired analysis ($k = 1$)
Total number of genes: 15104
10135 genes have p -value < 0.05
4969 genes have p -value ≥ 0.05
9720 genes have BH FDR < 0.05
5384 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 2$)

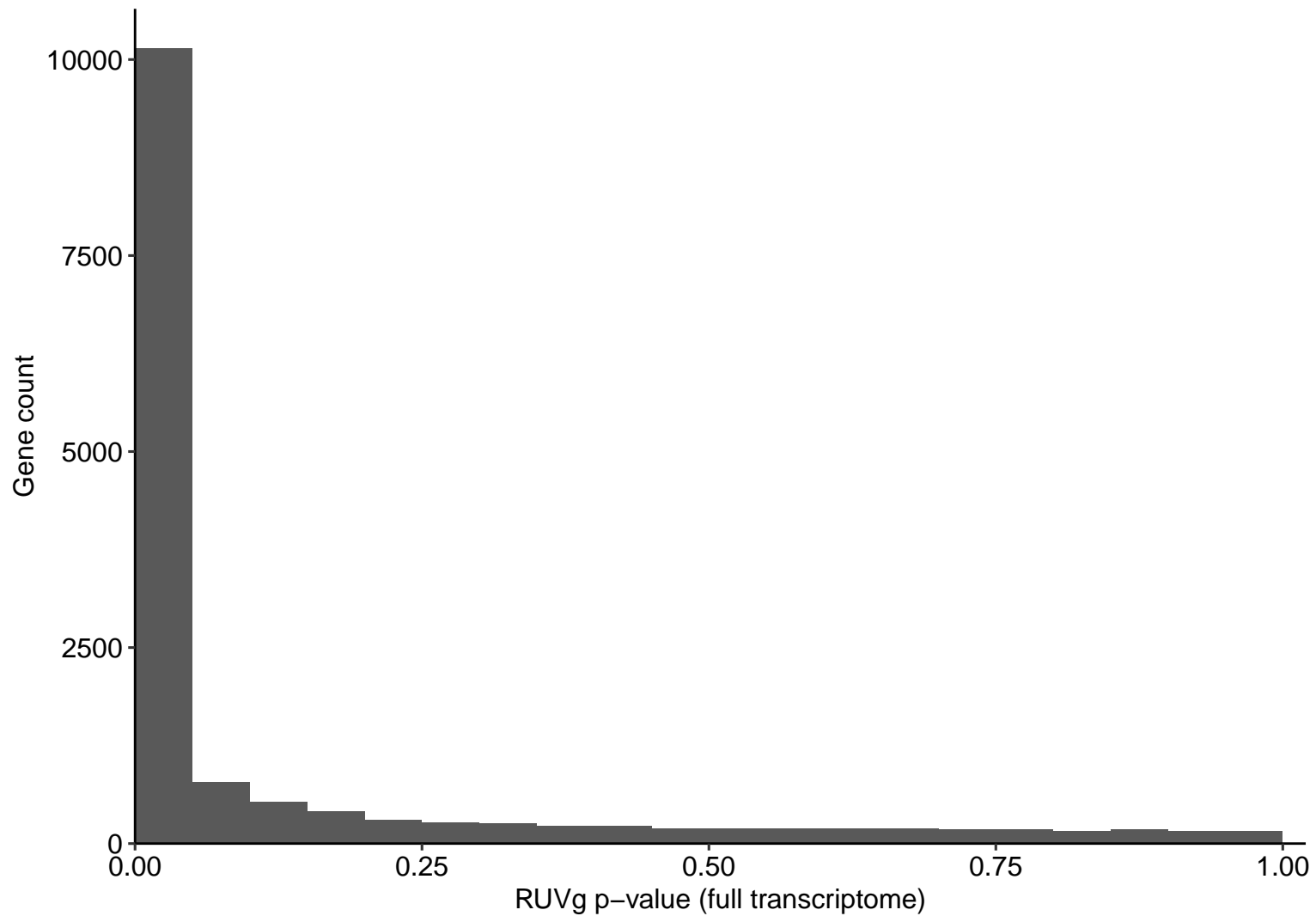
Total number of genes: 15104

10140 genes have $p\text{-value} < 0.05$

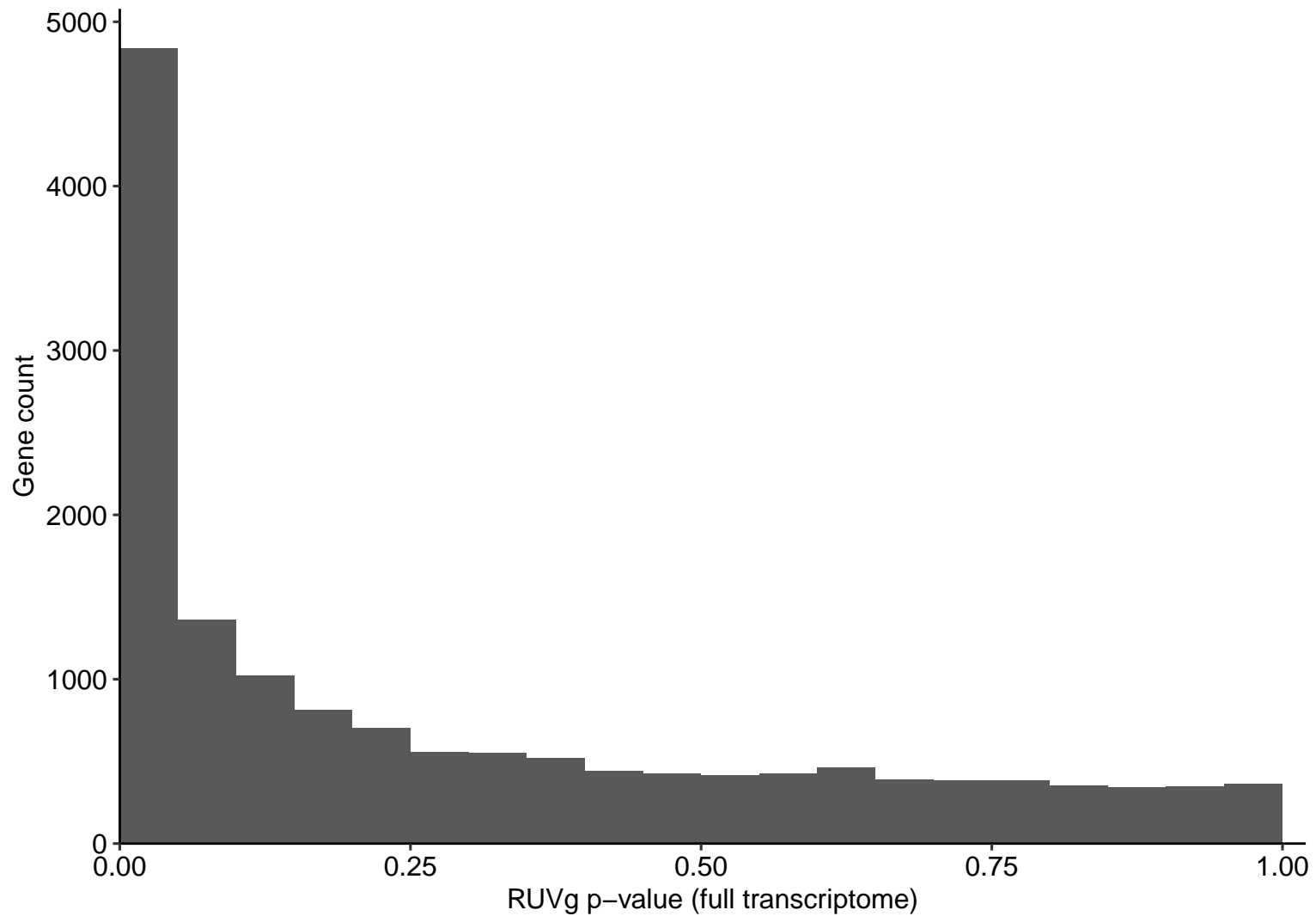
4964 genes have $p\text{-value} \geq 0.05$

9723 genes have BH FDR < 0.05

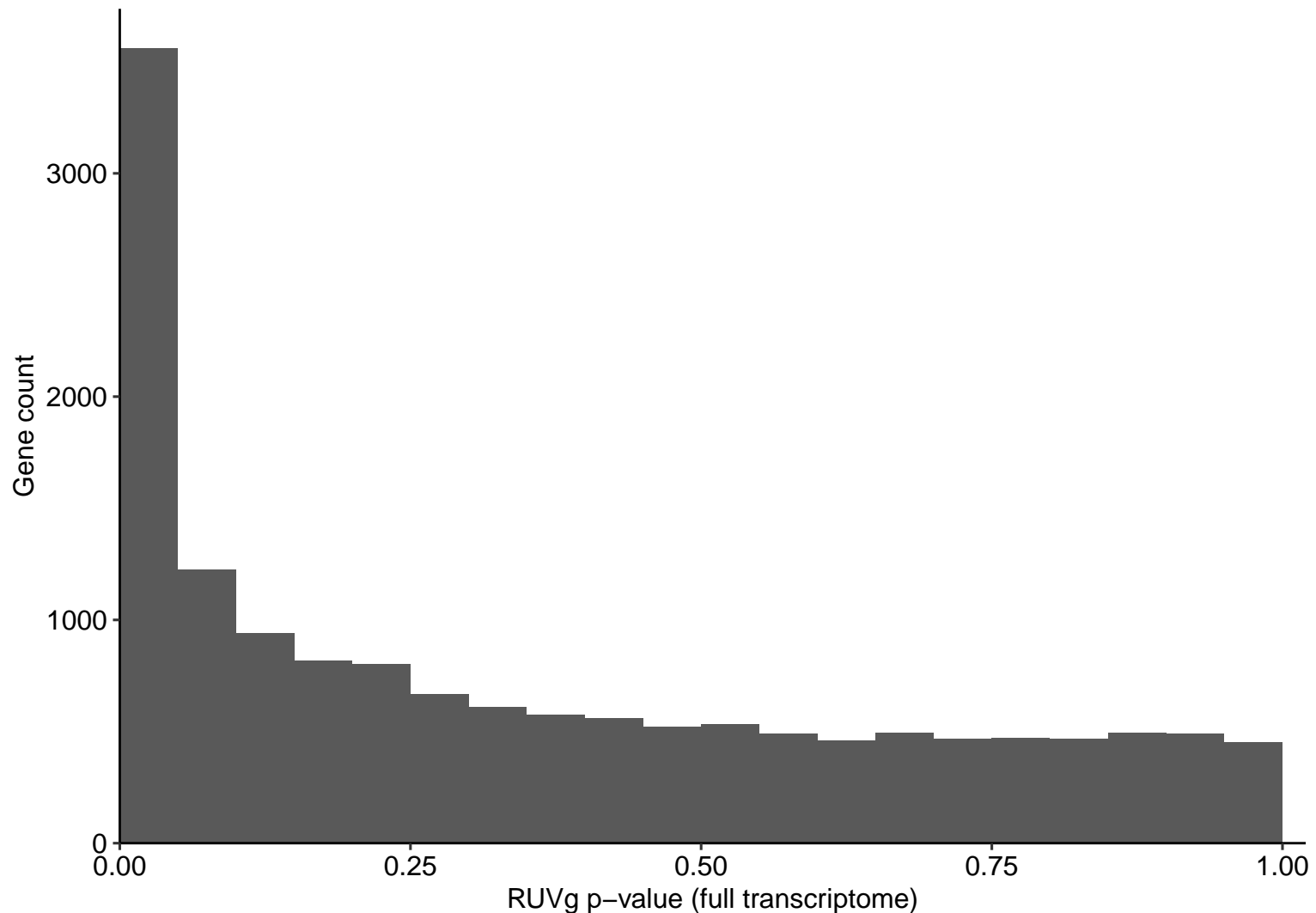
5381 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 3$)
Total number of genes: 15104
4837 genes have $p\text{-value} < 0.05$
10267 genes have $p\text{-value} \geq 0.05$
2547 genes have BH FDR < 0.05
12557 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 4$)
Total number of genes: 15104
3559 genes have $p\text{-value} < 0.05$
11545 genes have $p\text{-value} \geq 0.05$
1486 genes have BH FDR < 0.05
13618 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 5$)
Total number of genes: 15104
4916 genes have $p\text{-value} < 0.05$
10188 genes have $p\text{-value} \geq 0.05$
2269 genes have BH FDR < 0.05
12835 genes have BH FDR ≥ 0.05

