

Histogram of paired analysis ( $k = 1$ )

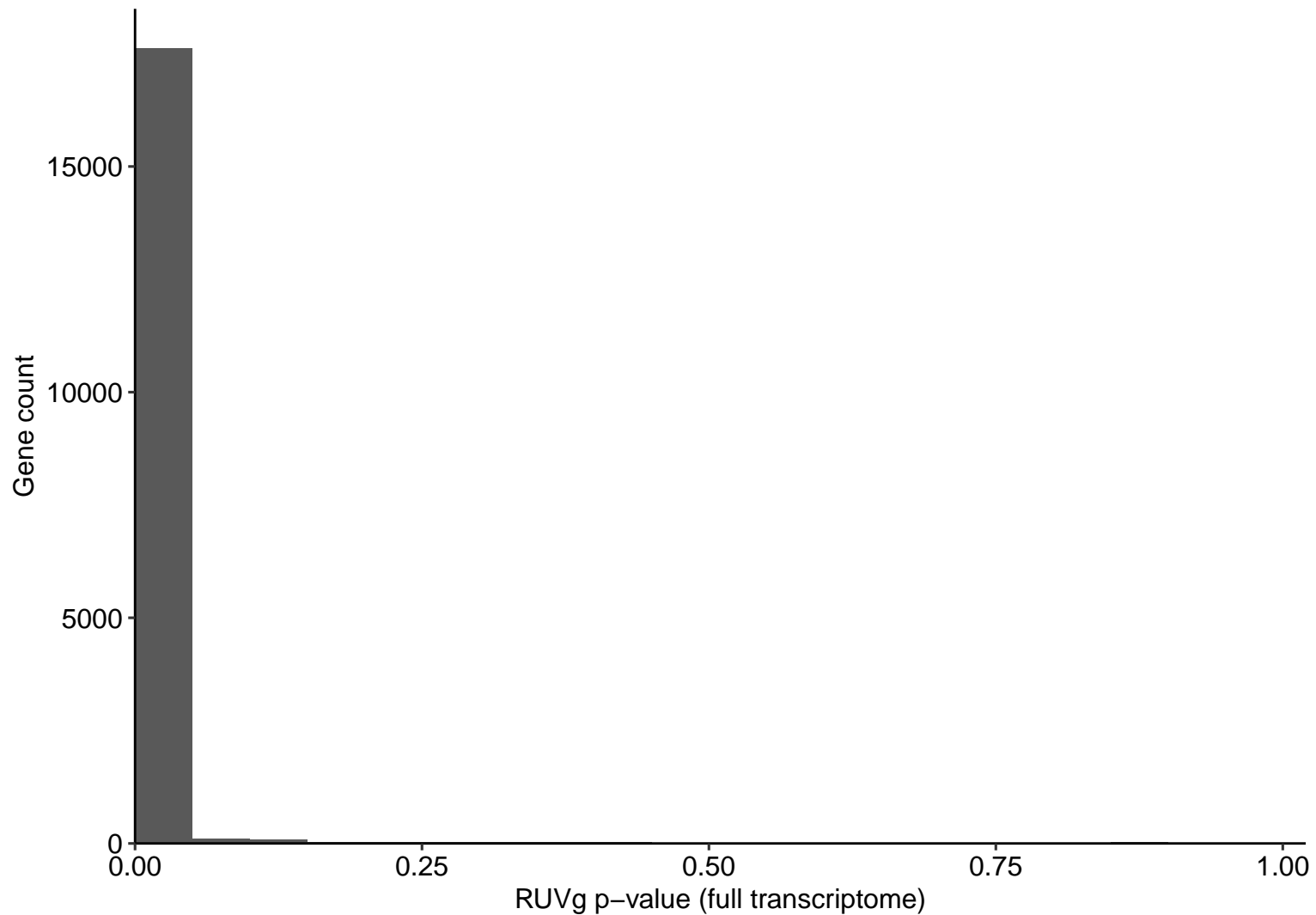
Total number of genes: 18138

17613 genes have  $p\text{-value} < 0.05$

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

17608 genes have BH FDR  $< 0.05$

530 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 2$ )

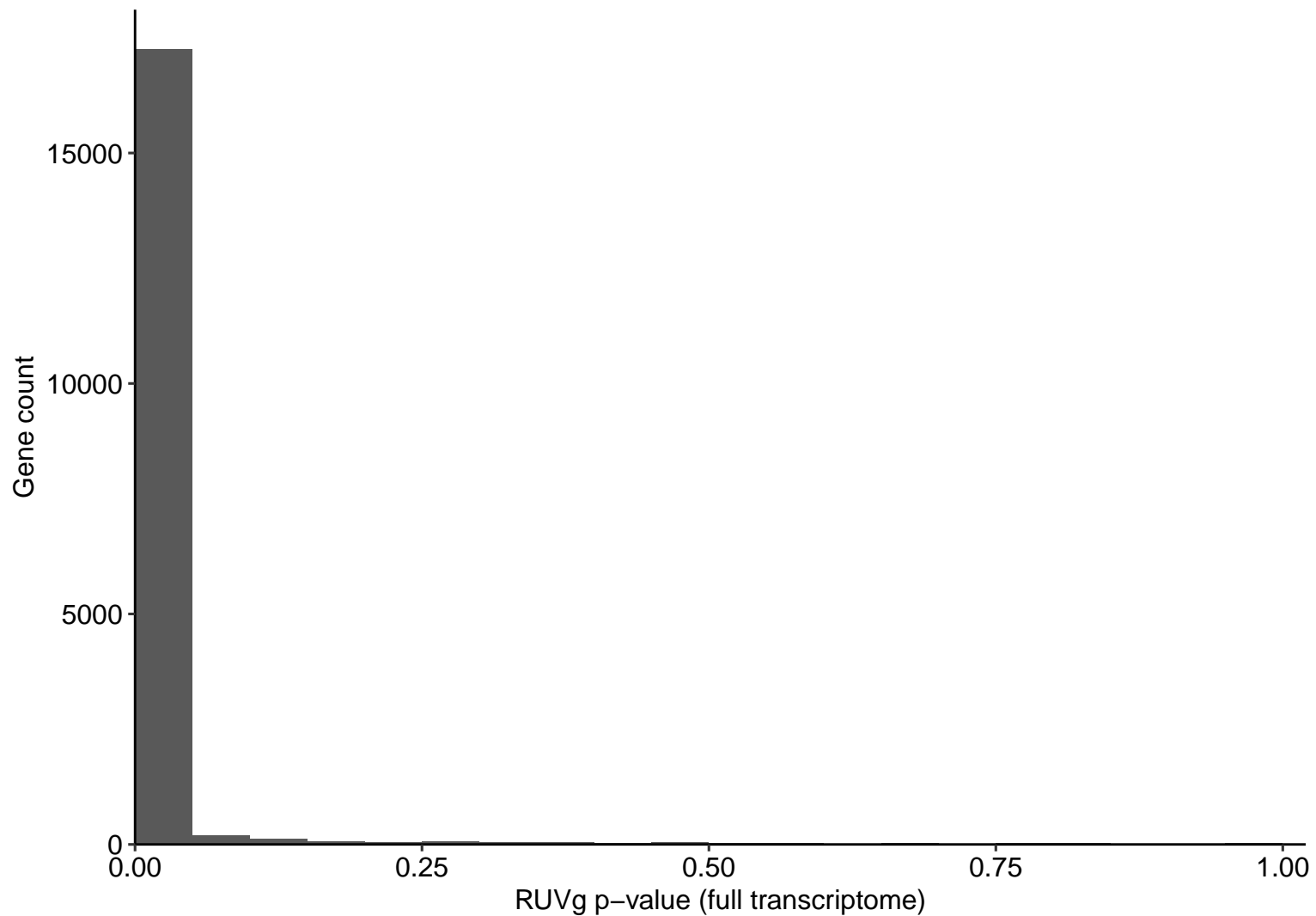
Total number of genes: 18138

17247 genes have  $p\text{-value} < 0.05$

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

17237 genes have BH FDR  $< 0.05$

901 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 3$ )

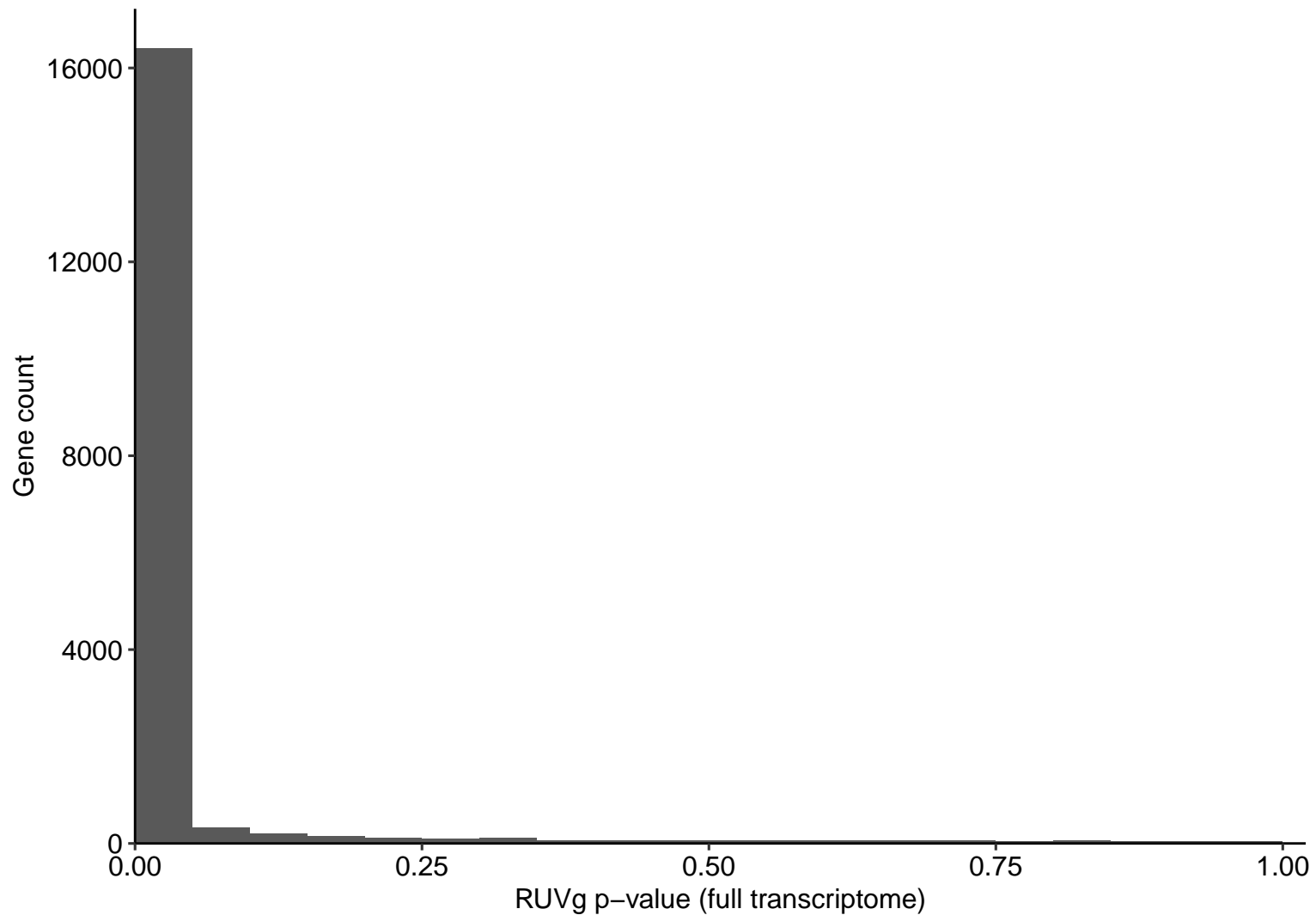
Total number of genes: 18138

16401 genes have  $p\text{-value} < 0.05$

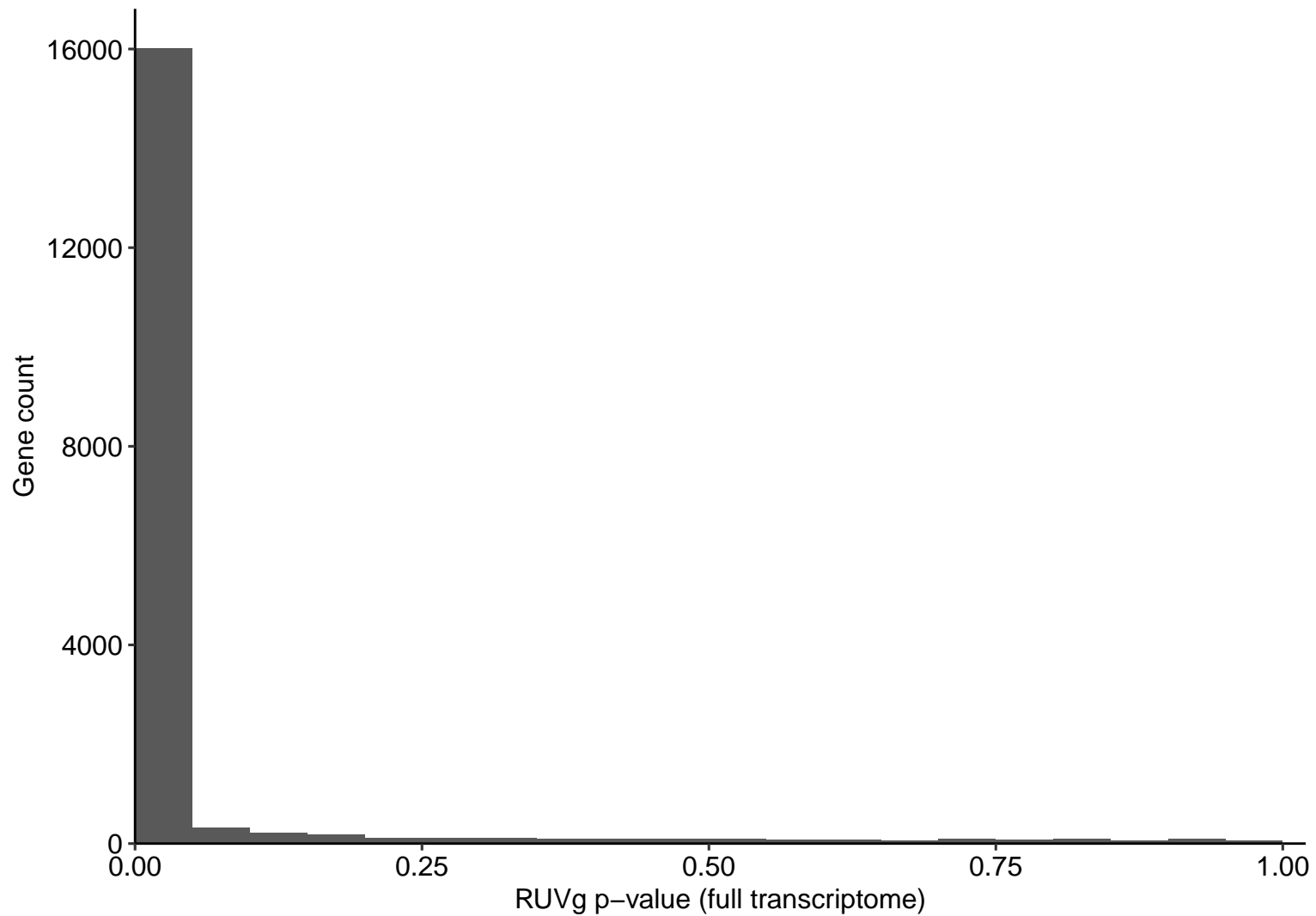
1737 genes have  $p\text{-value} \geq 0.05$

16361 genes have BH FDR  $< 0.05$

1777 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 4$ )  
Total number of genes: 18138  
16009 genes have  $p$ -value  $< 0.05$   
2129 genes have  $p$ -value  $\geq 0.05$   
15959 genes have BH FDR  $< 0.05$   
2179 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 5$ )  
Total number of genes: 18138  
17632 genes have  $p\text{-value} < 0.05$   
506 genes have  $p\text{-value} \geq 0.05$   
17628 genes have BH FDR  $< 0.05$   
510 genes have BH FDR  $\geq 0.05$

