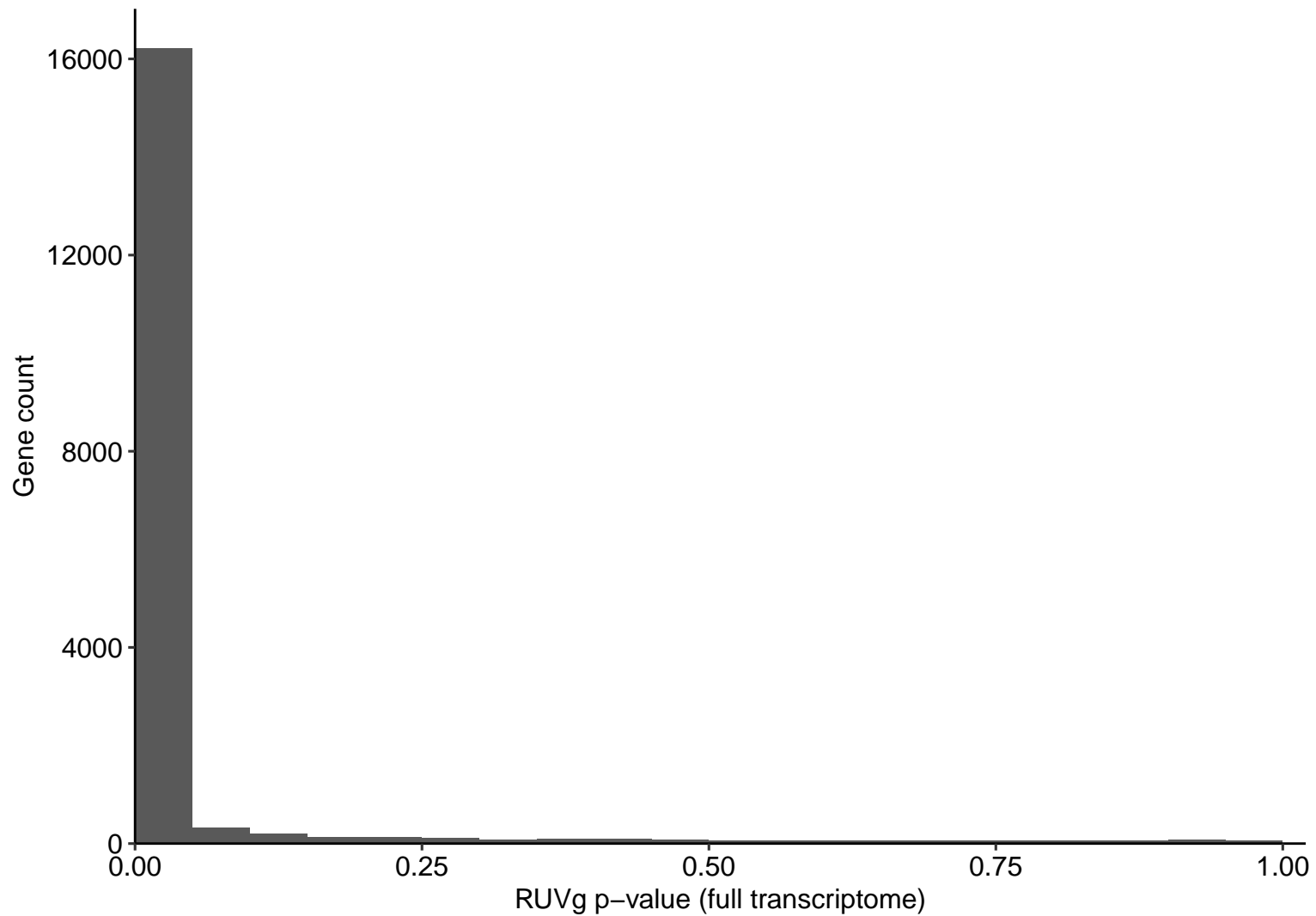


Histogram of paired analysis ( $k = 1$ )  
Total number of genes: 18138  
16211 genes have  $p\text{-value} < 0.05$   
1927 genes have  $p\text{-value} \geq 0.05$   
16170 genes have BH FDR  $< 0.05$   
1968 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 2$ )

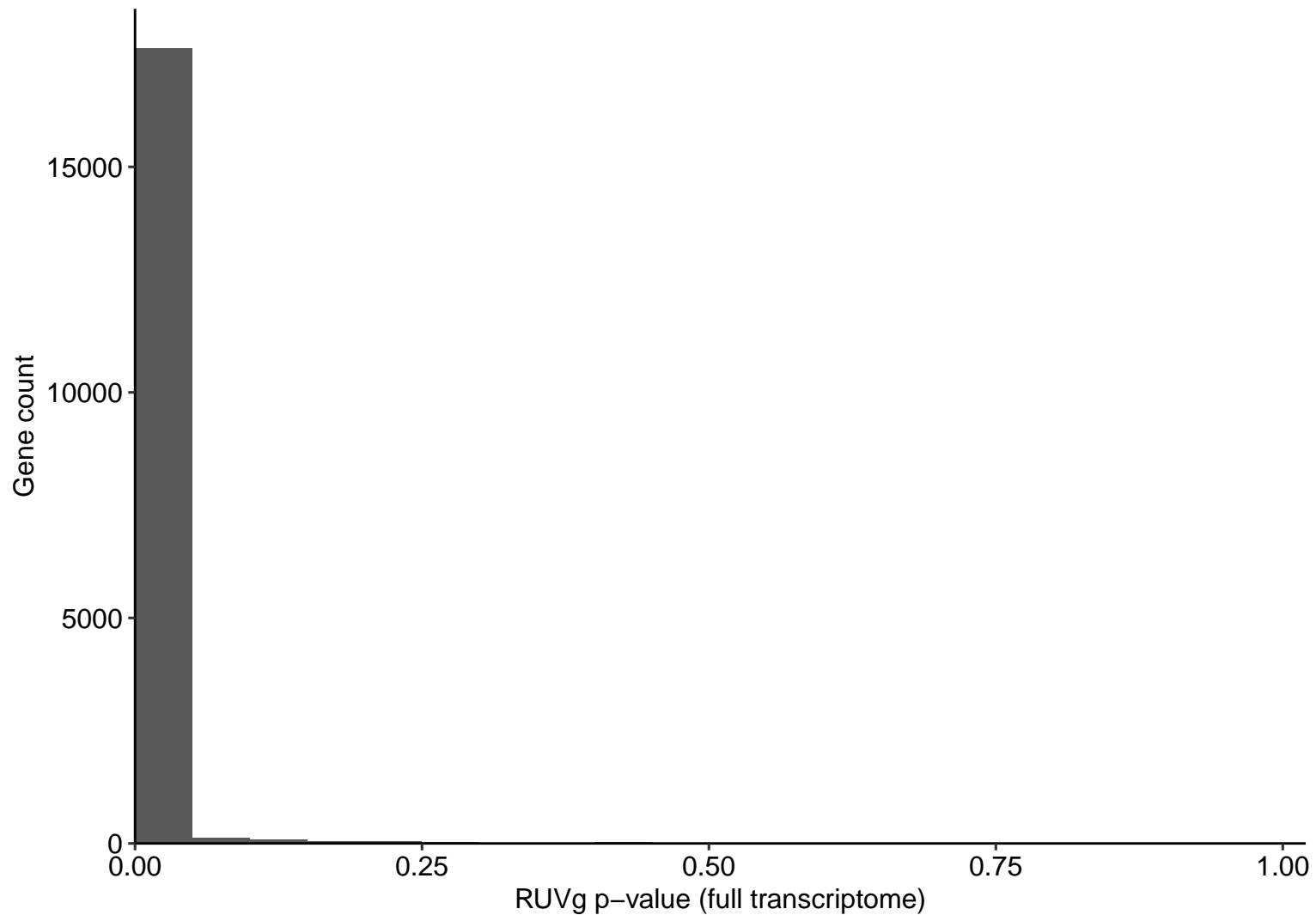
Total number of genes: 18138

17623 genes have  $p\text{-value} < 0.05$

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

17617 genes have BH FDR  $< 0.05$

521 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 3$ )

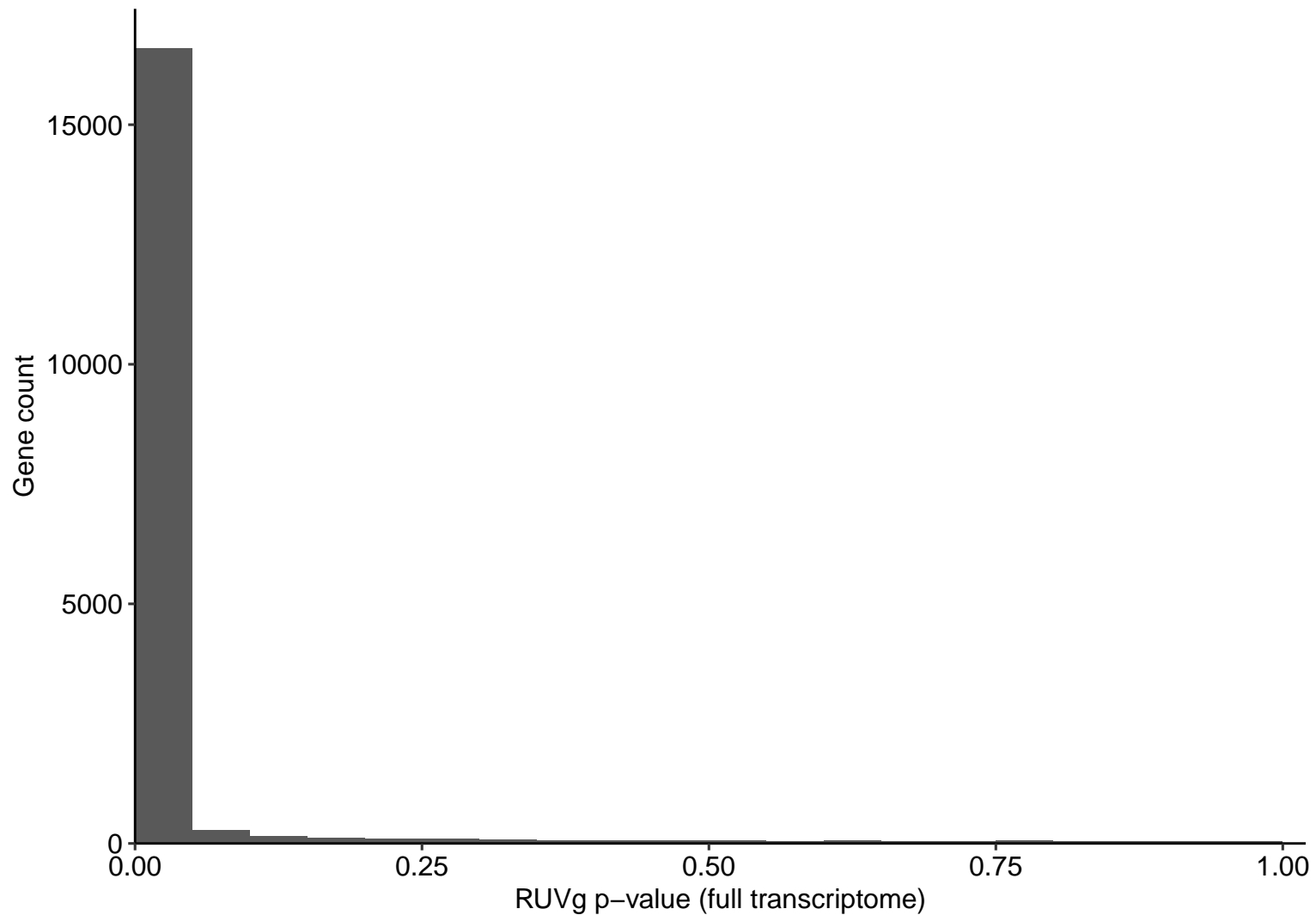
Total number of genes: 18138

16589 genes have  $p\text{-value} < 0.05$

1549 genes have  $p\text{-value} \geq 0.05$

16554 genes have BH FDR  $< 0.05$

1584 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 4$ )

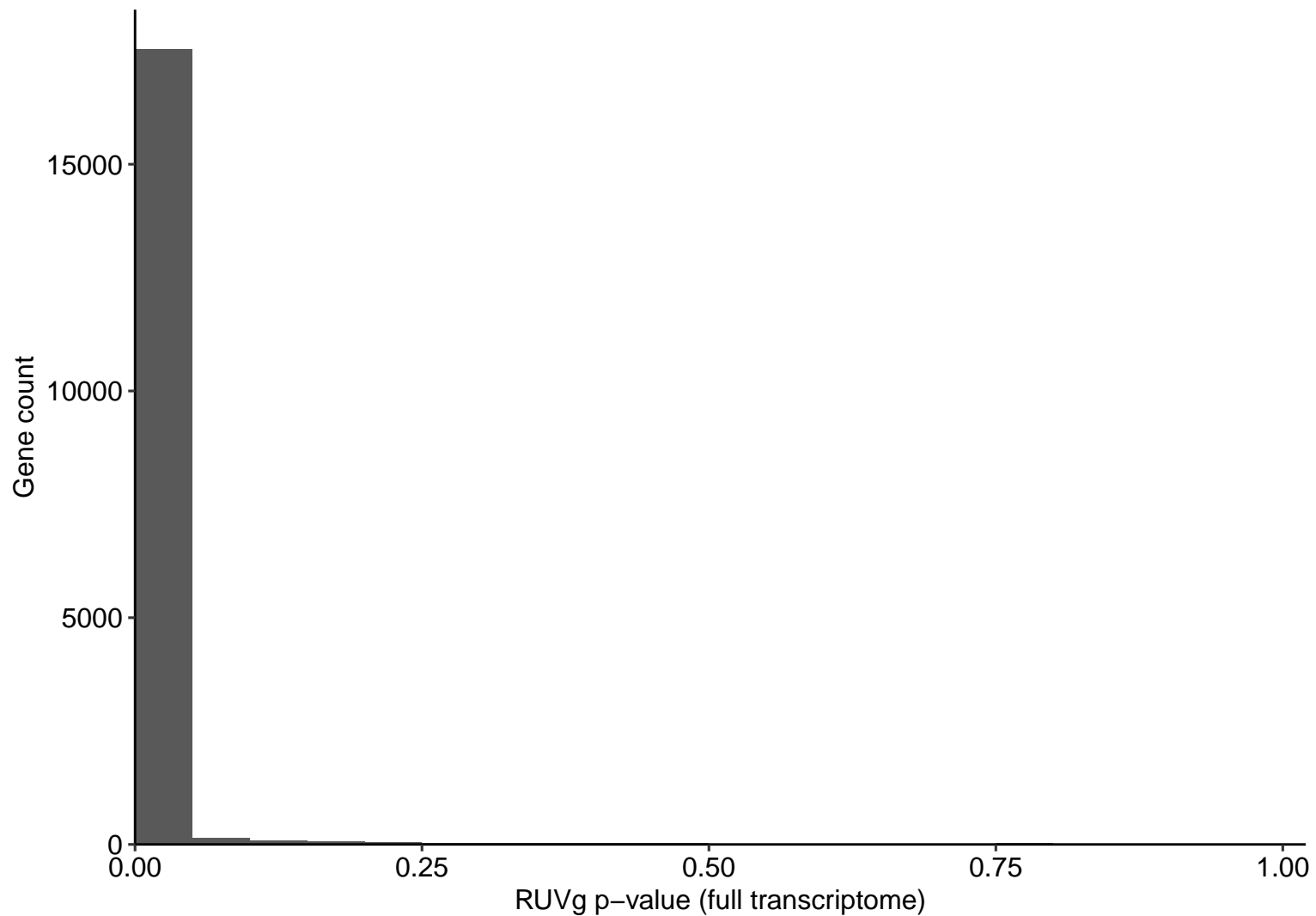
Total number of genes: 18138

17532 genes have  $p\text{-value} < 0.05$

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

17524 genes have BH FDR  $< 0.05$

614 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 5$ )  
Total number of genes: 18138  
17348 genes have  $p\text{-value} < 0.05$   
790 genes have  $p\text{-value} \geq 0.05$   
17336 genes have BH FDR  $< 0.05$   
802 genes have BH FDR  $\geq 0.05$

