

Histogram of paired analysis ( $k = 1$ )

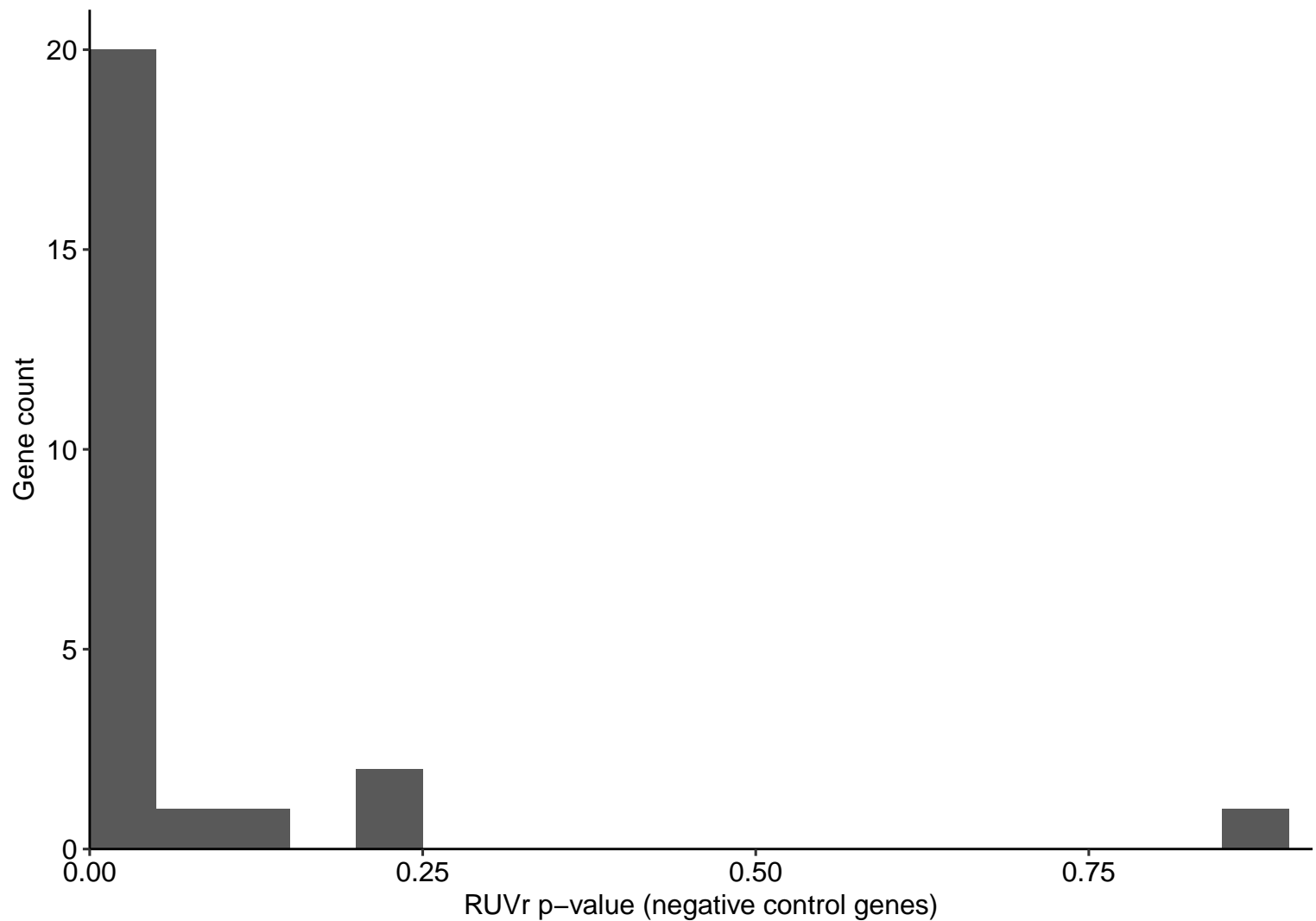
Total number of genes: 25

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

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

18 genes have BH FDR  $< 0.05$

7 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 2$ )

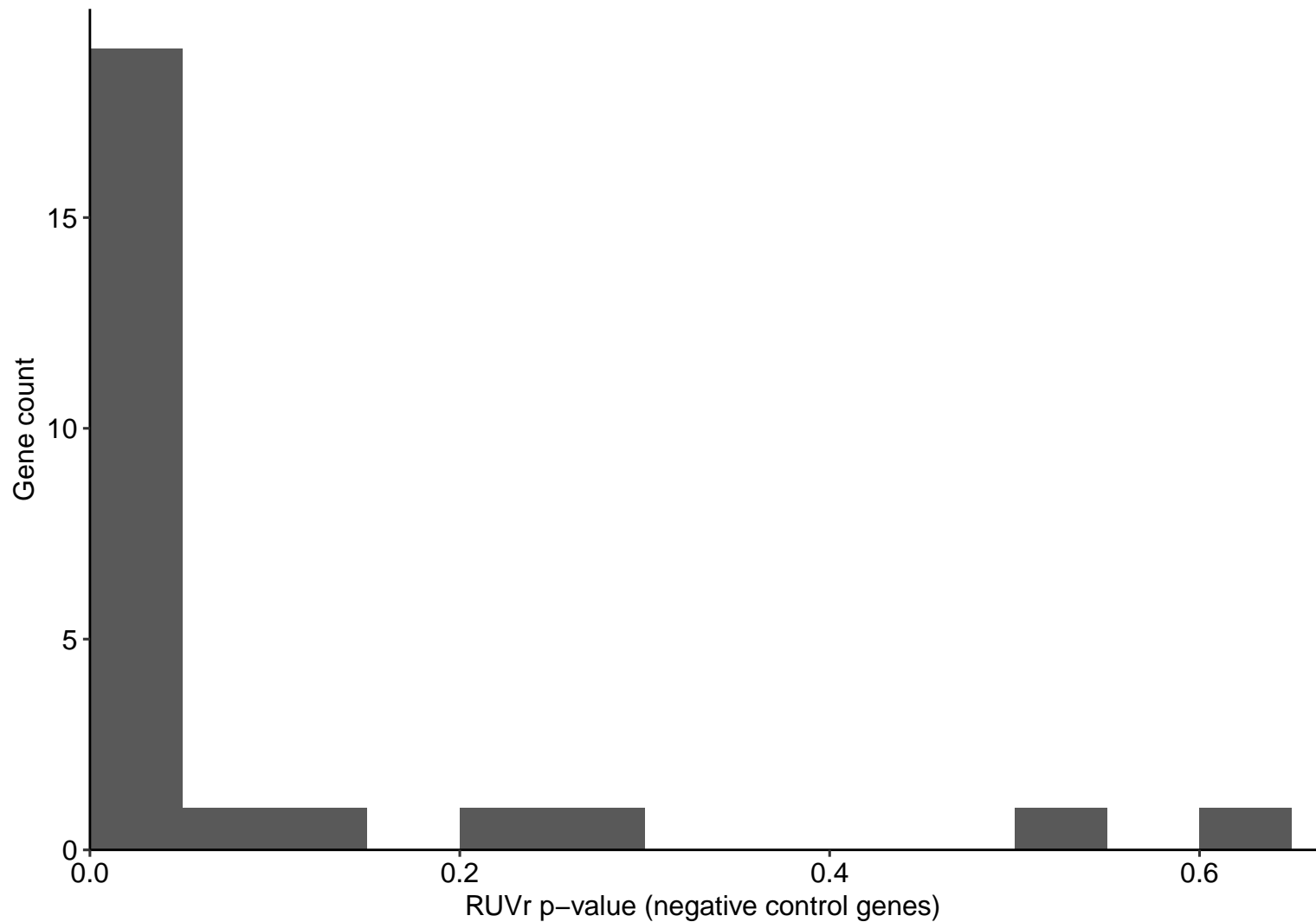
Total number of genes: 25

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

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

19 genes have BH FDR  $< 0.05$

6 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 3$ )

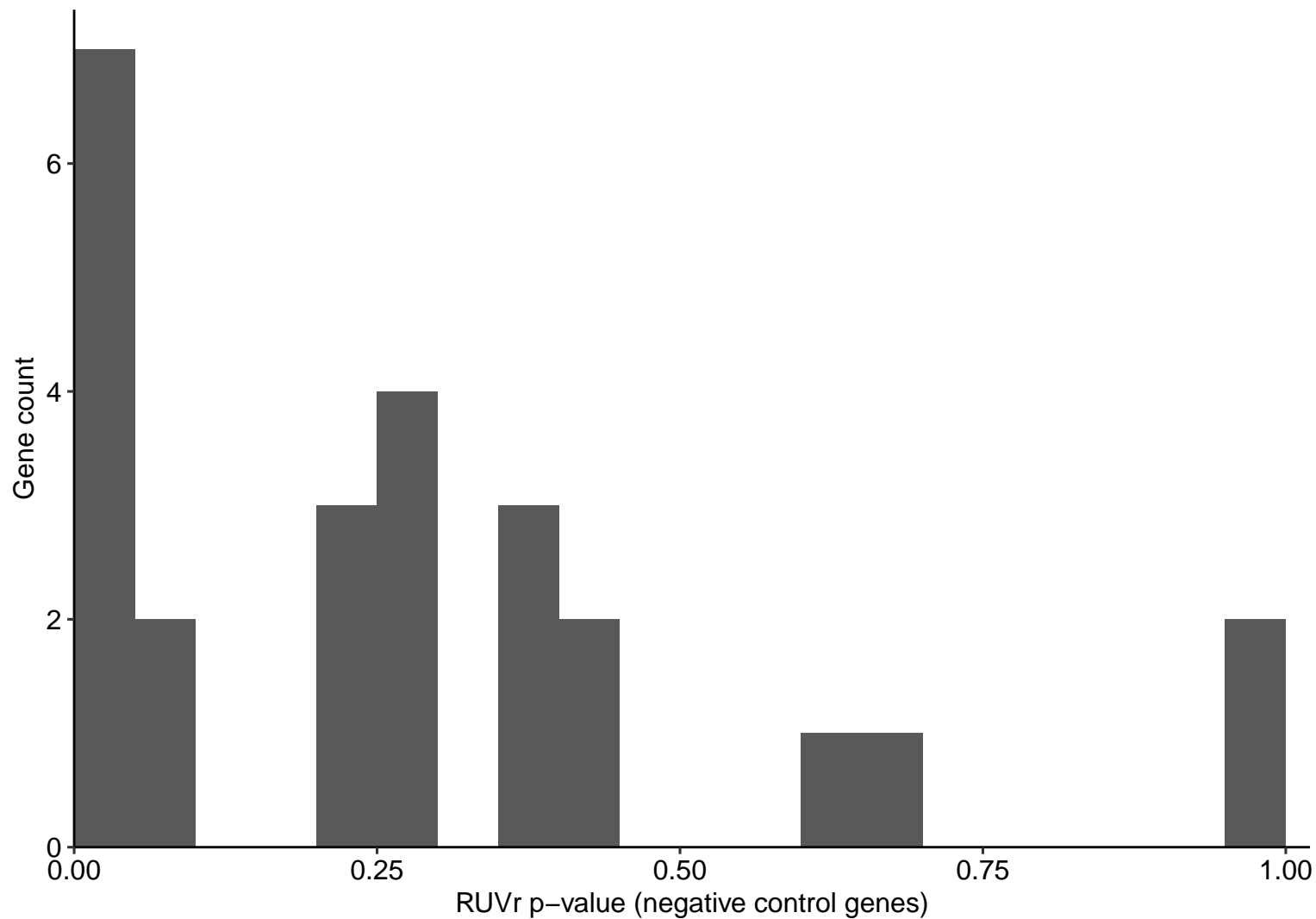
Total number of genes: 25

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

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

5 genes have BH FDR  $< 0.05$

20 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 4$ )

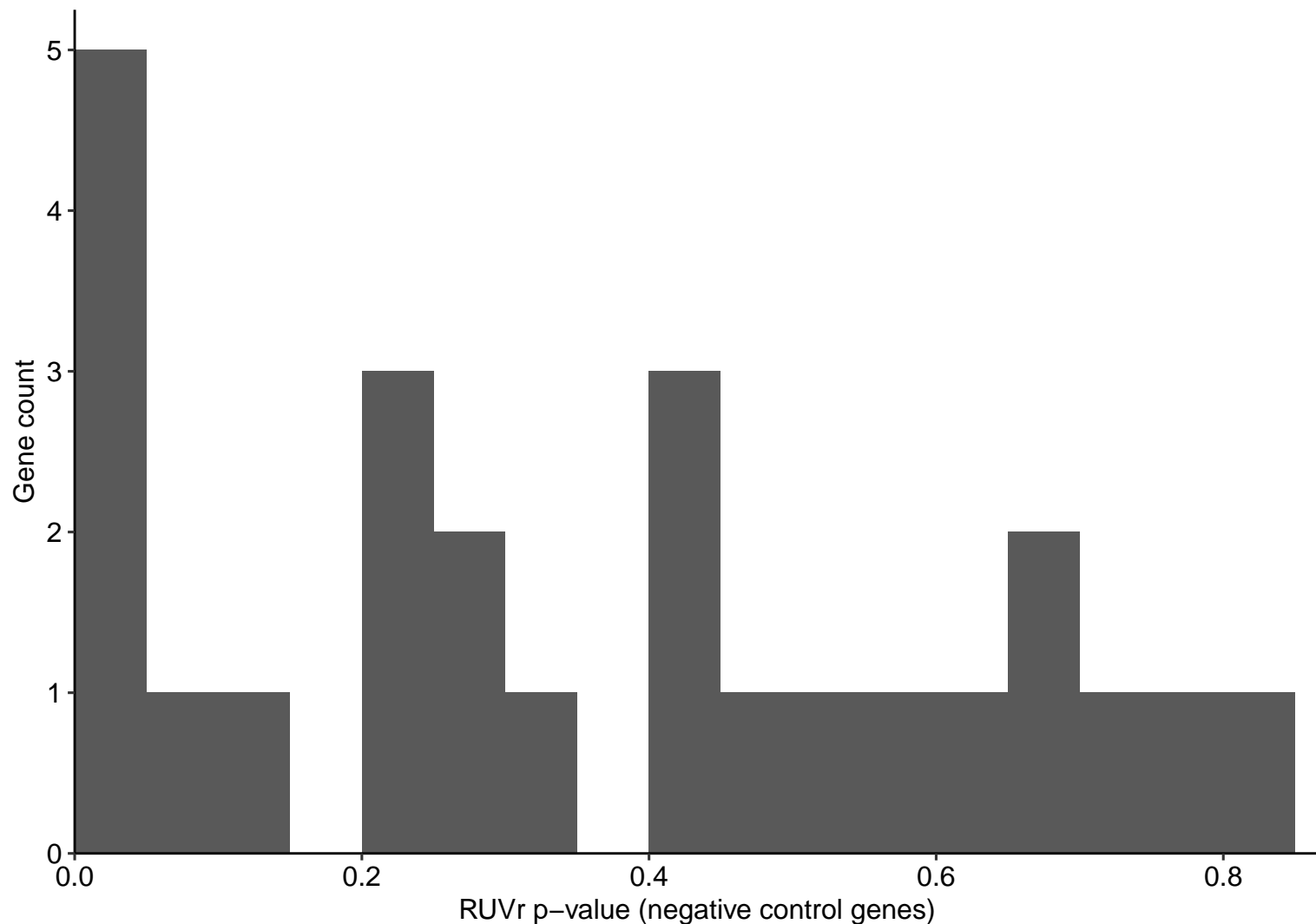
Total number of genes: 25

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

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

2 genes have BH FDR  $< 0.05$

23 genes have BH FDR  $\geq 0.05$



Histogram of paired analysis ( $k = 5$ )

Total number of genes: 25

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

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

1 genes have BH FDR  $< 0.05$

24 genes have BH FDR  $\geq 0.05$

