

# Histogram of stranded vs poly-A paired analysis ( $k = 1$ )

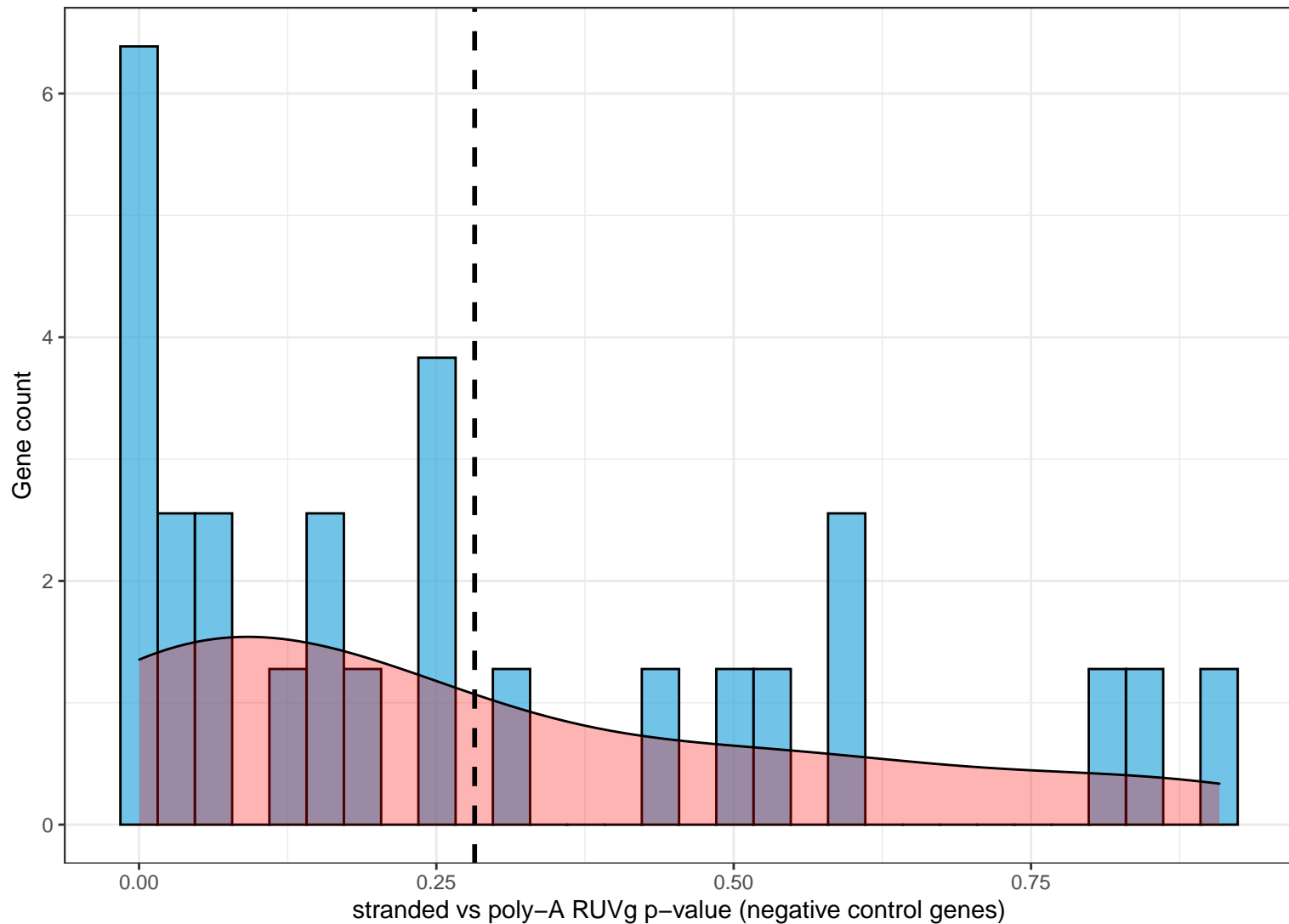
Total number of genes: 25

8 genes have p-value  $< 0.05$

17 genes have p-value  $\geq 0.05$

3 genes have BH FDR  $< 0.05$

22 genes have BH FDR  $\geq 0.05$



# Histogram of stranded vs poly-A paired analysis (k = 2)

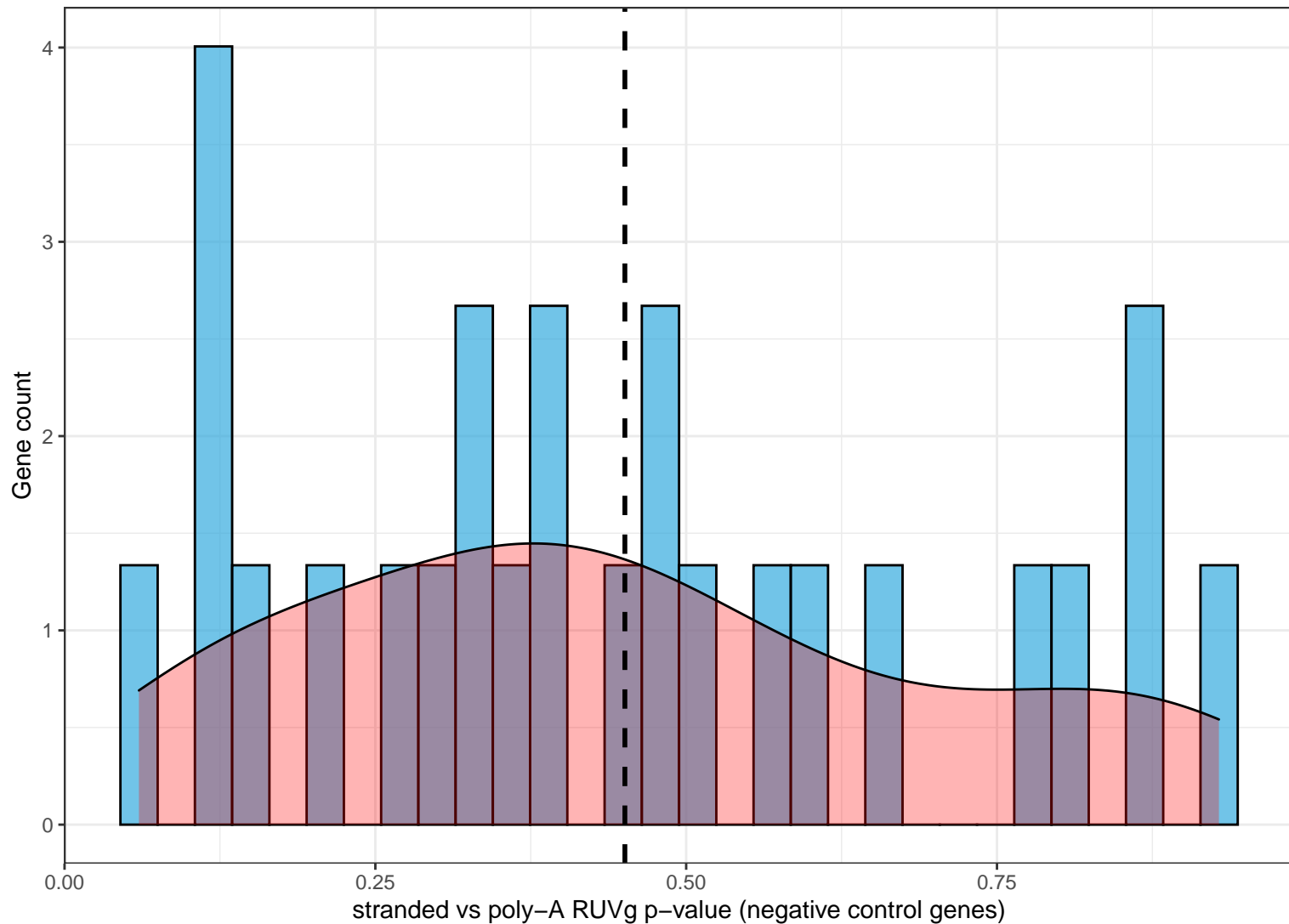
Total number of genes: 25

0 genes have p-value < 0.05

25 genes have p-value  $\geq 0.05$

0 genes have BH FDR < 0.05

25 genes have BH FDR  $\geq 0.05$



# Histogram of stranded vs poly-A paired analysis ( $k = 3$ )

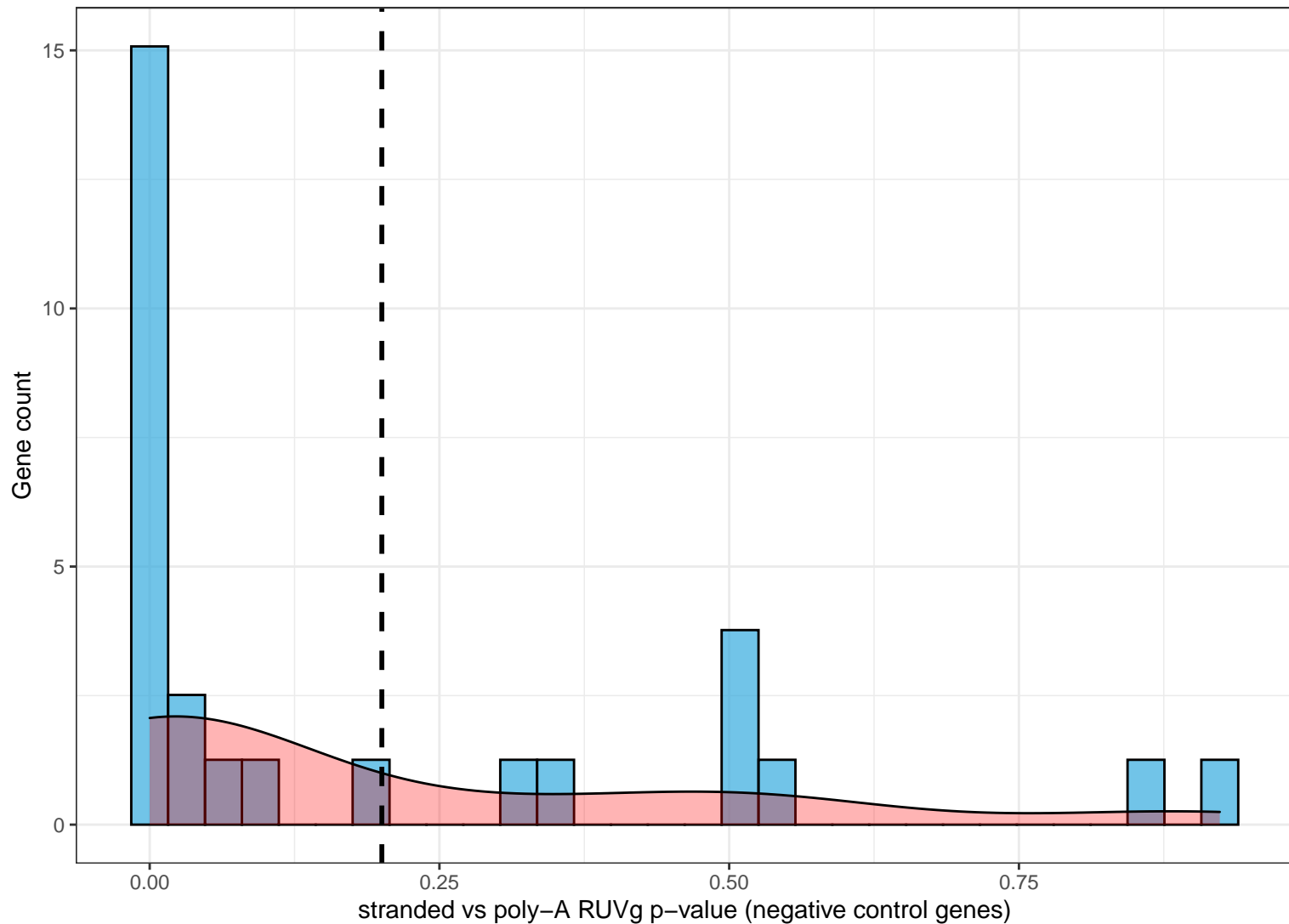
Total number of genes: 25

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

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

10 genes have BH FDR  $< 0.05$

15 genes have BH FDR  $\geq 0.05$



# Histogram of stranded vs poly-A paired analysis ( $k = 4$ )

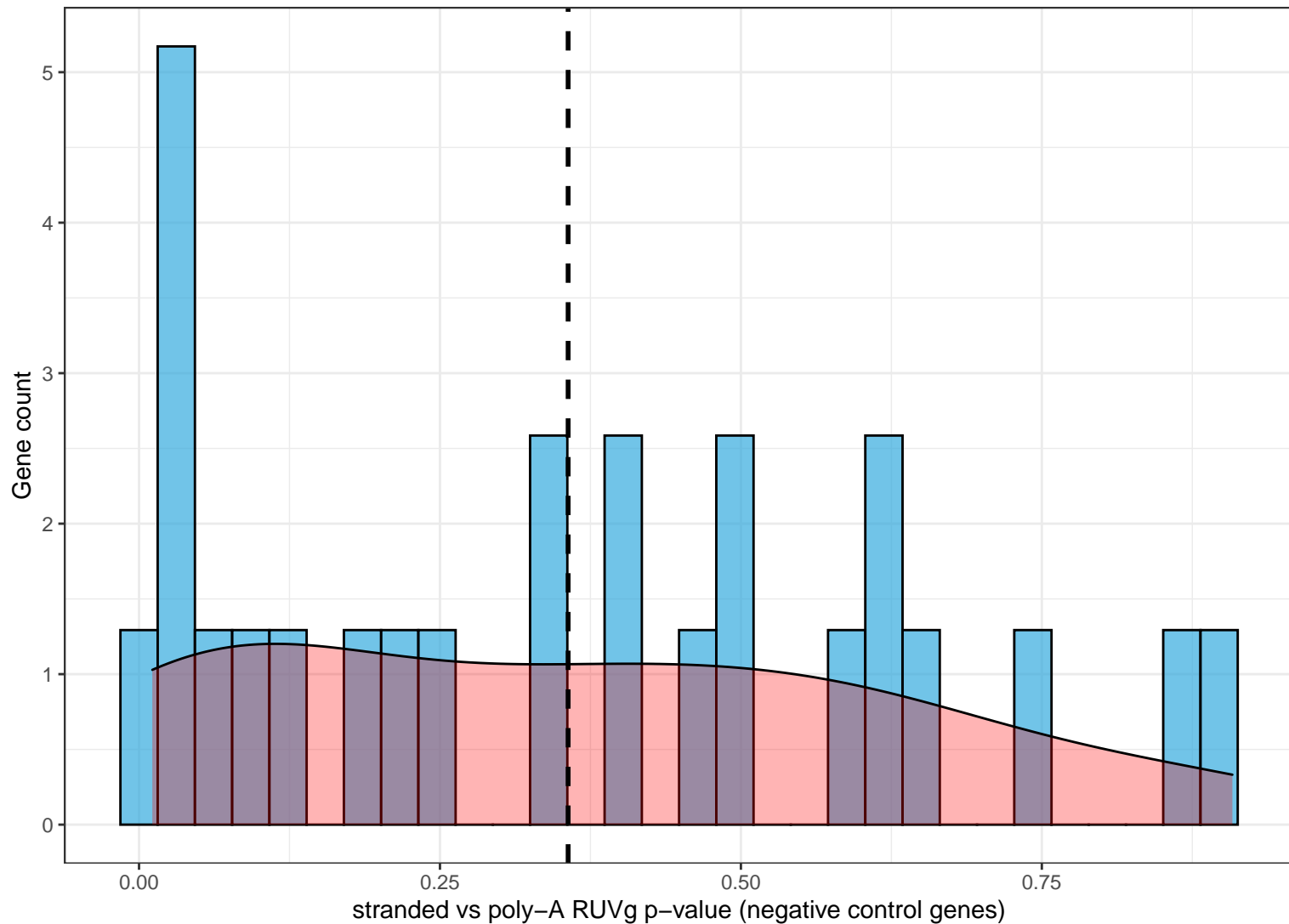
Total number of genes: 25

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

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

0 genes have BH FDR  $< 0.05$

25 genes have BH FDR  $\geq 0.05$



# Histogram of stranded vs poly-A paired analysis (k = 5)

Total number of genes: 25

9 genes have p-value < 0.05

16 genes have p-value  $\geq 0.05$

8 genes have BH FDR < 0.05

17 genes have BH FDR  $\geq 0.05$

