

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

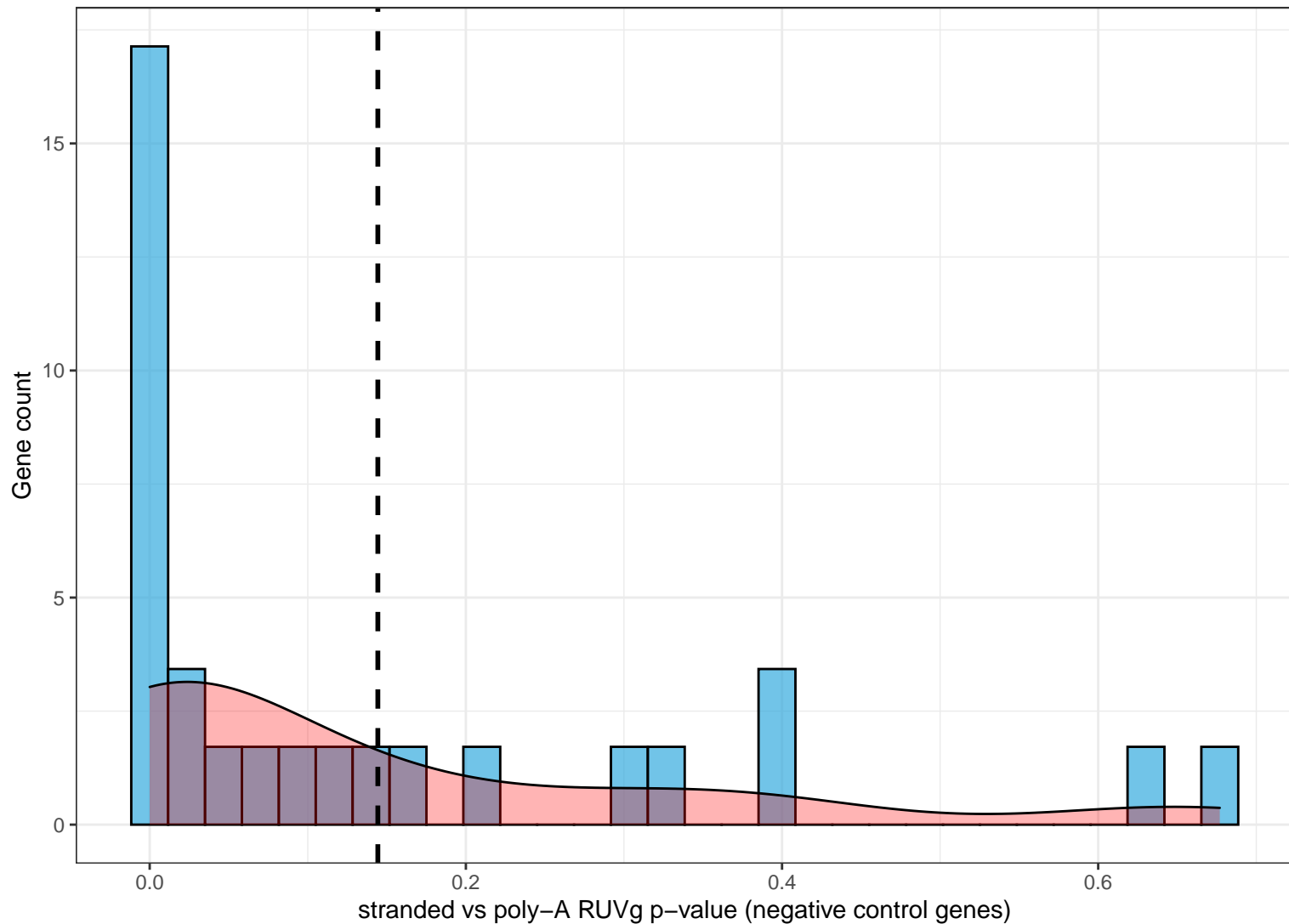
Total number of genes: 25

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

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

11 genes have BH FDR  $< 0.05$

14 genes have BH FDR  $\geq 0.05$



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

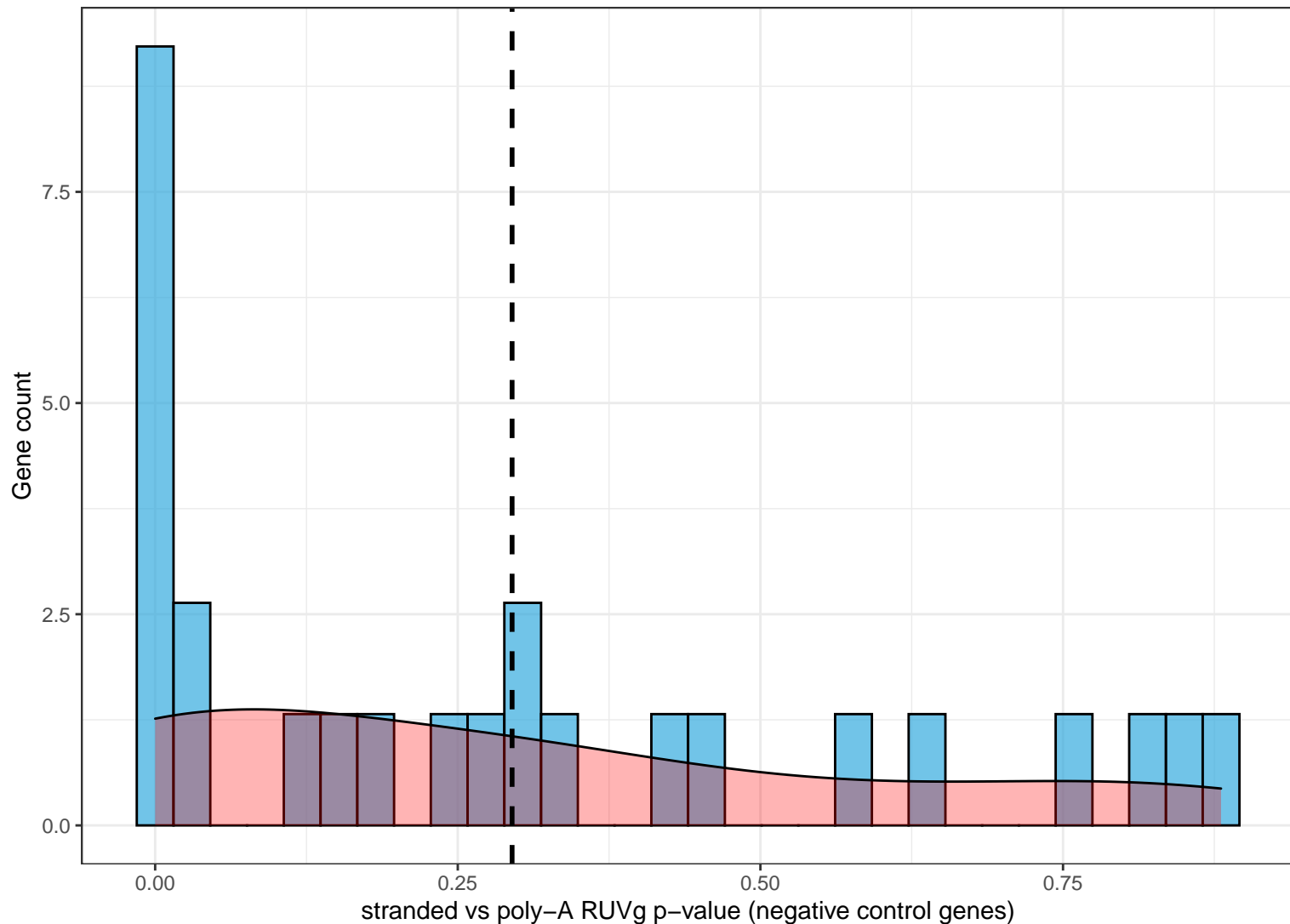
Total number of genes: 25

9 genes have p-value < 0.05

16 genes have p-value  $\geq 0.05$

7 genes have BH FDR < 0.05

18 genes have BH FDR  $\geq 0.05$



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

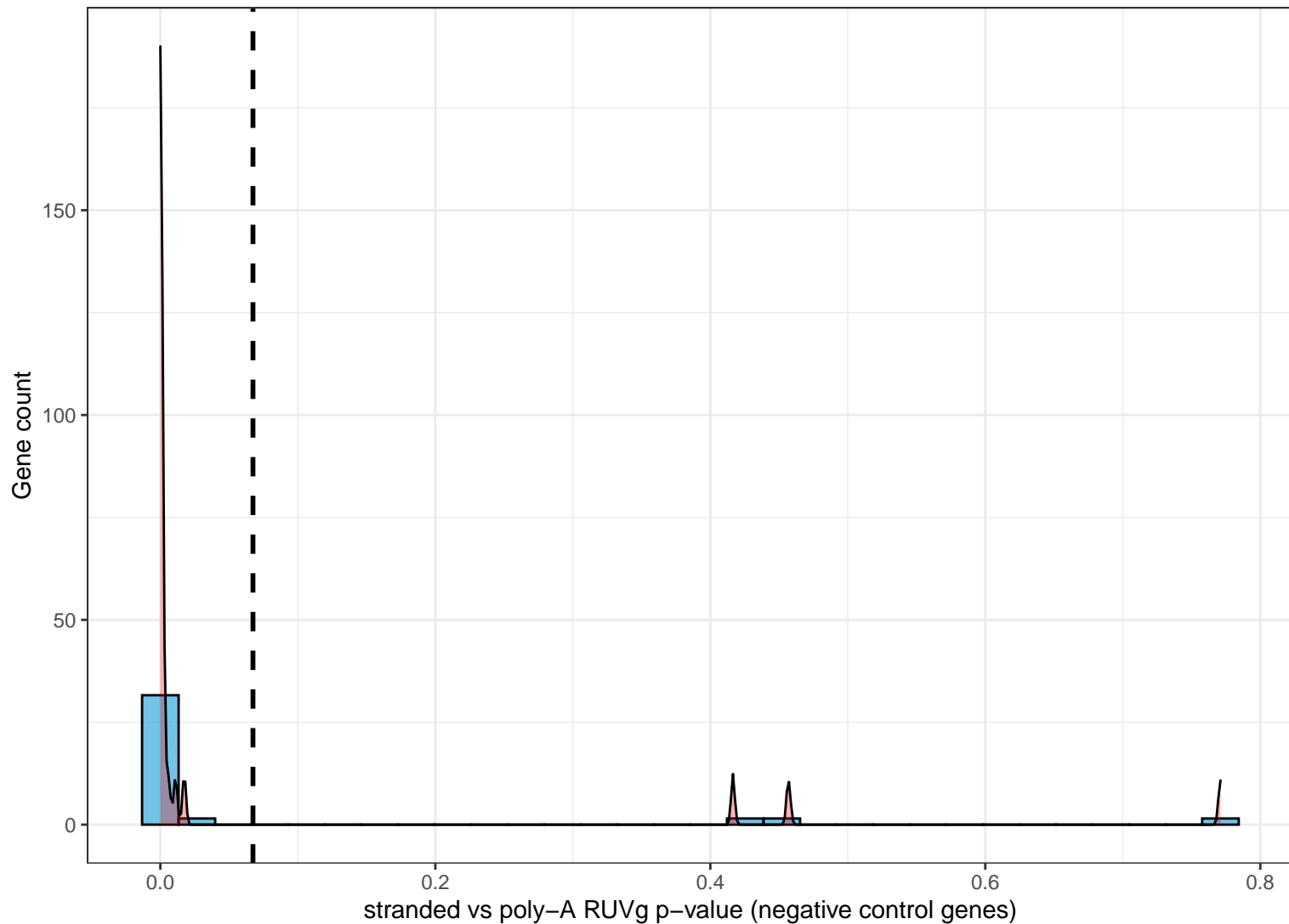
Total number of genes: 25

22 genes have p-value < 0.05

3 genes have p-value  $\geq 0.05$

22 genes have BH FDR < 0.05

3 genes have BH FDR  $\geq 0.05$



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

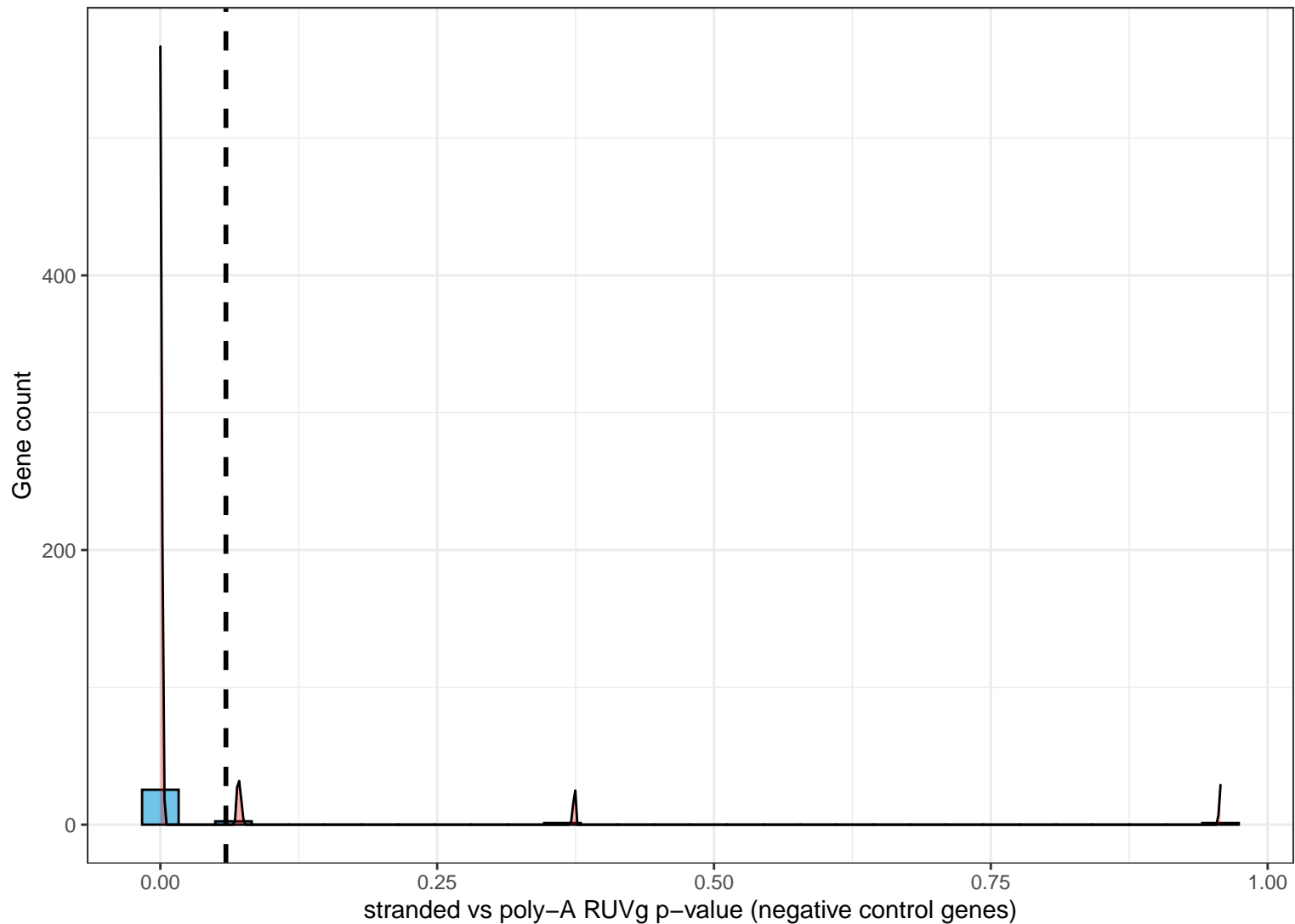
Total number of genes: 25

21 genes have p-value < 0.05

4 genes have p-value  $\geq 0.05$

21 genes have BH FDR < 0.05

4 genes have BH FDR  $\geq 0.05$



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

Total number of genes: 25

19 genes have  $p$ -value  $< 0.05$

6 genes have  $p$ -value  $\geq 0.05$

18 genes have BH FDR  $< 0.05$

7 genes have BH FDR  $\geq 0.05$

