

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

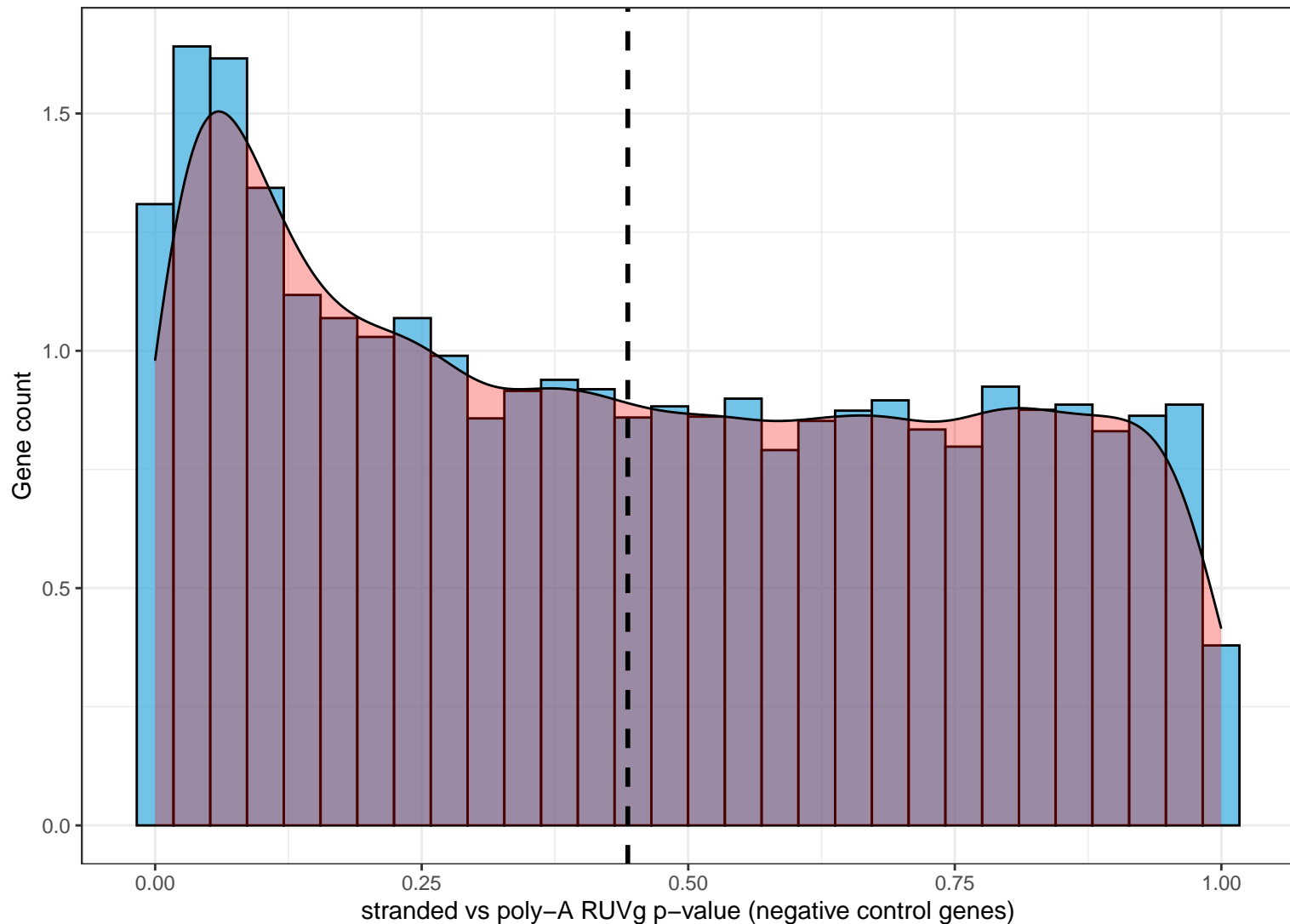
Total number of genes: 16066

1579 genes have p-value < 0.05

14487 genes have p-value  $\geq 0.05$

355 genes have BH FDR < 0.05

15711 genes have BH FDR  $\geq 0.05$



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

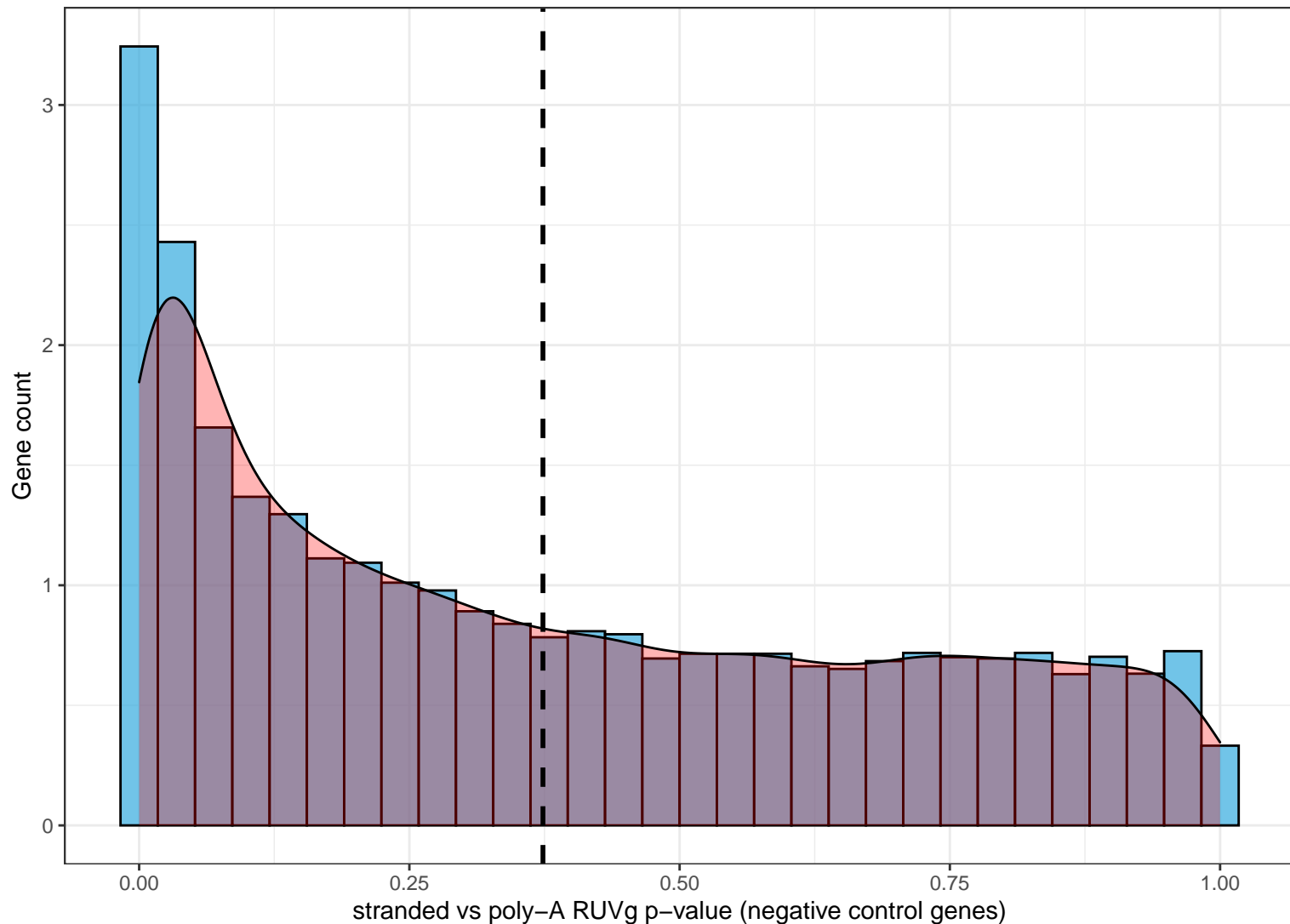
Total number of genes: 16066

3095 genes have  $p$ -value  $< 0.05$

12971 genes have  $p$ -value  $\geq 0.05$

1271 genes have BH FDR  $< 0.05$

14795 genes have BH FDR  $\geq 0.05$



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

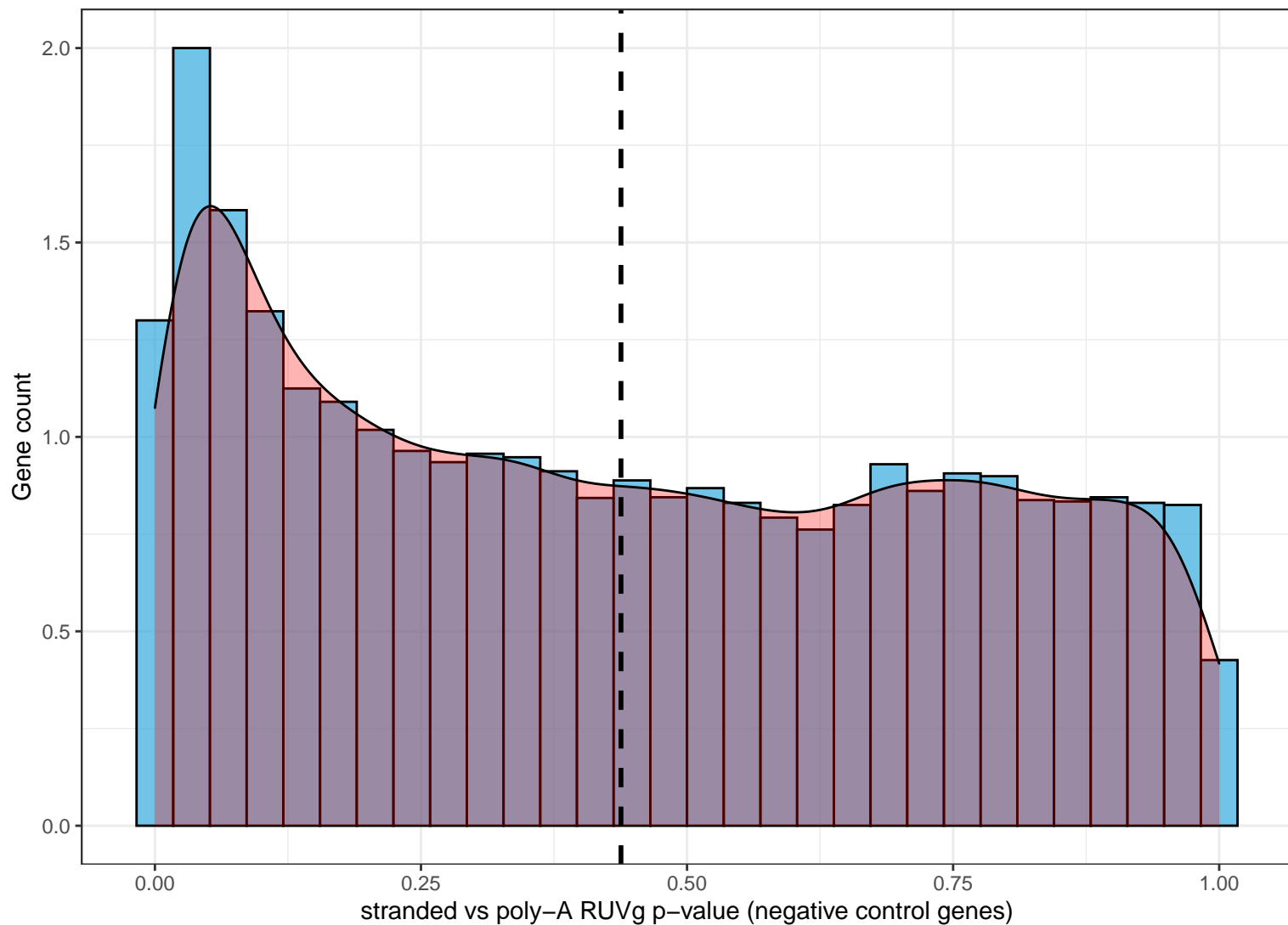
Total number of genes: 16066

1780 genes have p-value < 0.05

14286 genes have p-value >= 0.05

325 genes have BH FDR < 0.05

15741 genes have BH FDR >= 0.05



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

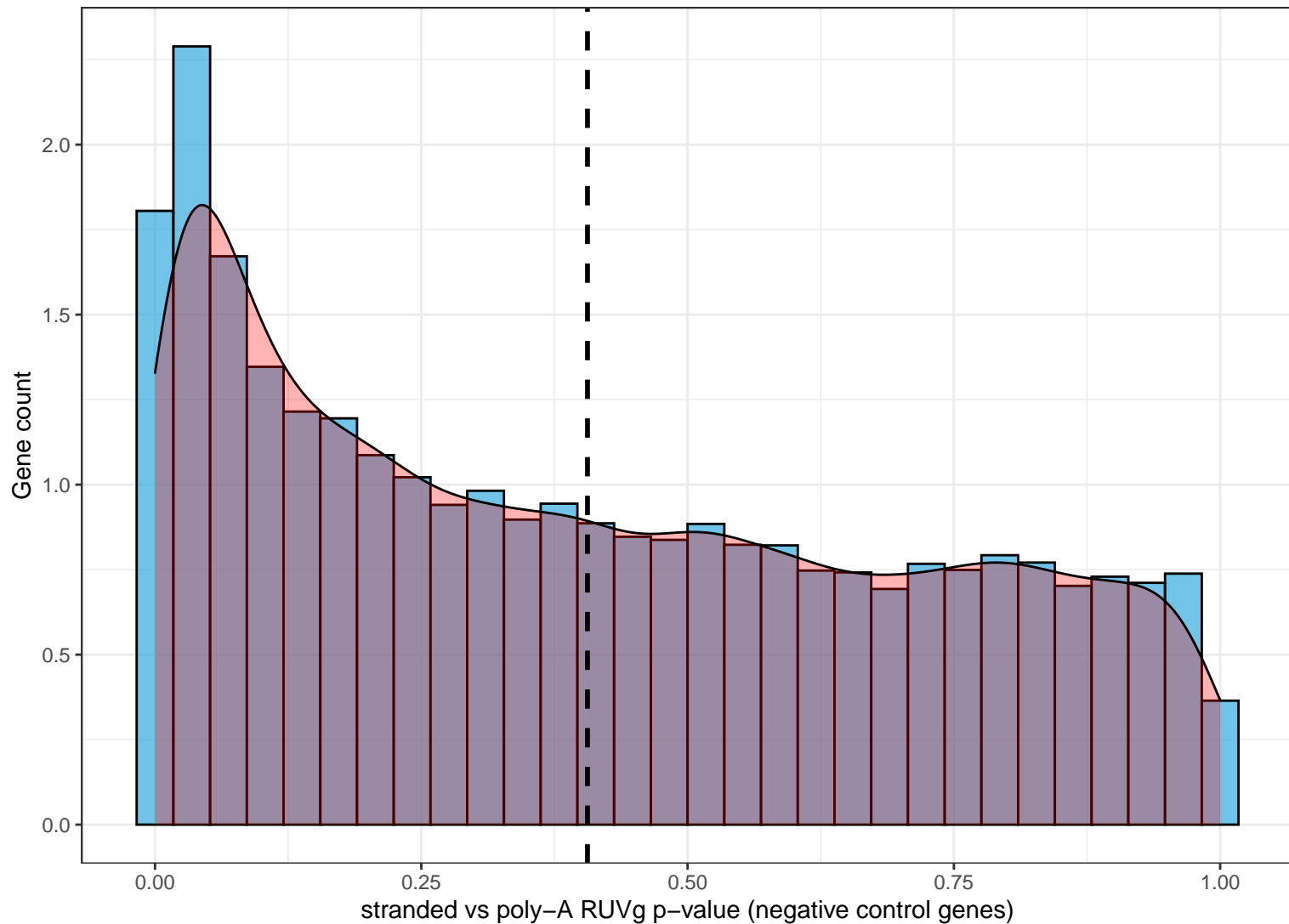
Total number of genes: 16066

2227 genes have p-value < 0.05

13839 genes have p-value  $\geq 0.05$

416 genes have BH FDR < 0.05

15650 genes have BH FDR  $\geq 0.05$



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

Total number of genes: 16066

1804 genes have p-value < 0.05

14262 genes have p-value  $\geq 0.05$

457 genes have BH FDR < 0.05

15609 genes have BH FDR  $\geq 0.05$

