

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

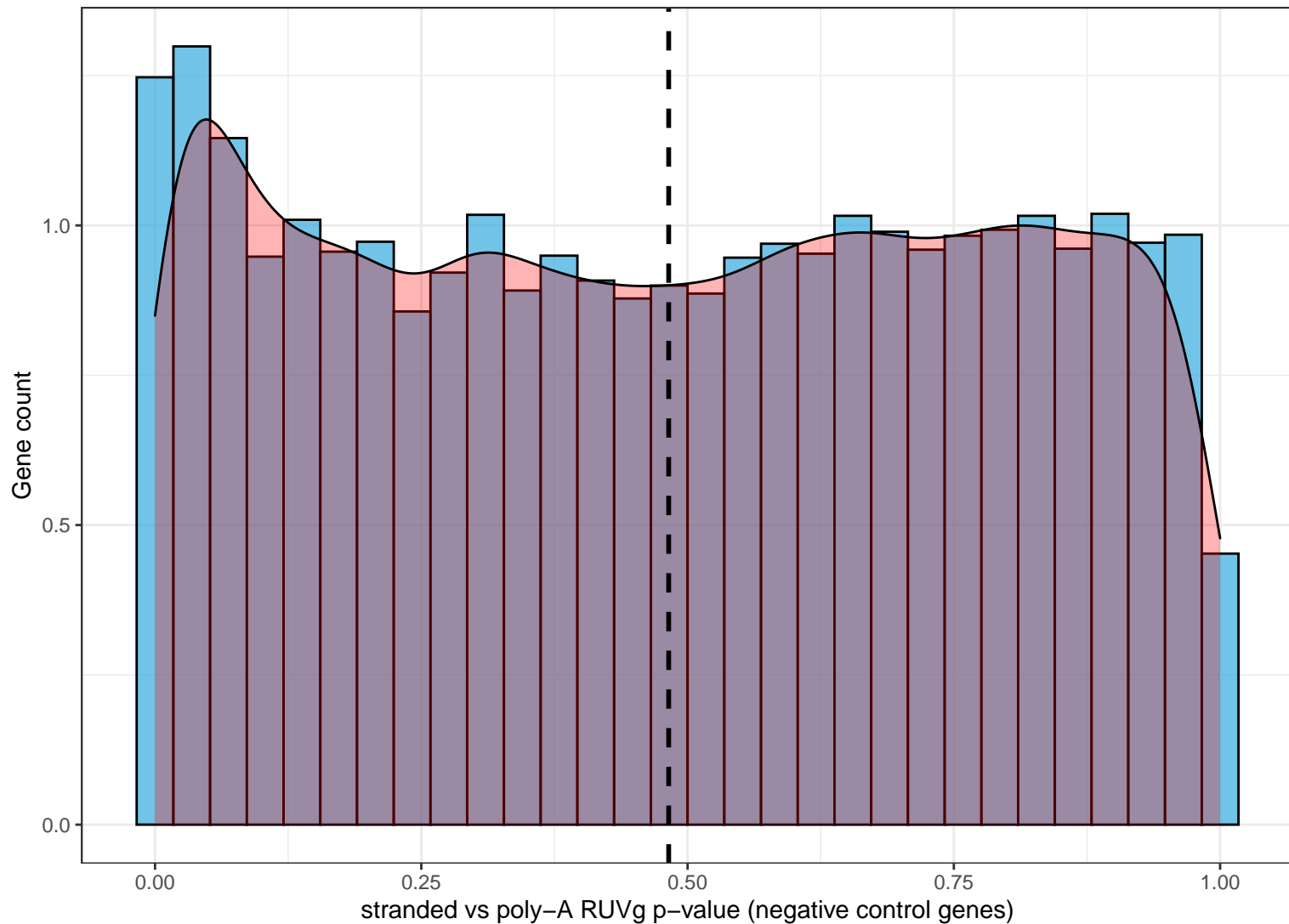
Total number of genes: 17439

1494 genes have p-value < 0.05

15945 genes have p-value  $\geq 0.05$

170 genes have BH FDR < 0.05

17269 genes have BH FDR  $\geq 0.05$



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

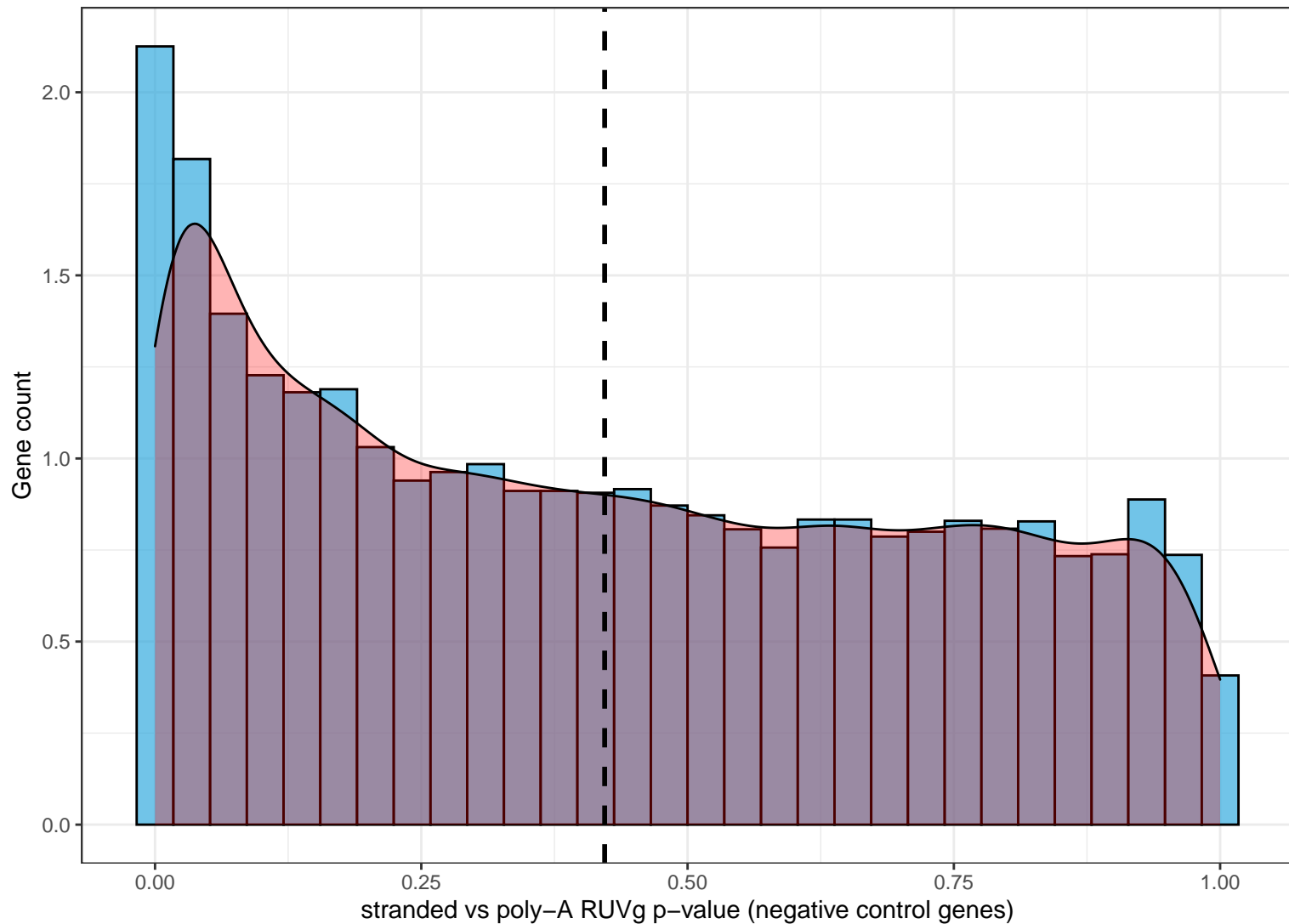
Total number of genes: 17439

2321 genes have  $p\text{-value} < 0.05$

15118 genes have  $p\text{-value} \geq 0.05$

557 genes have BH FDR  $< 0.05$

16882 genes have BH FDR  $\geq 0.05$



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

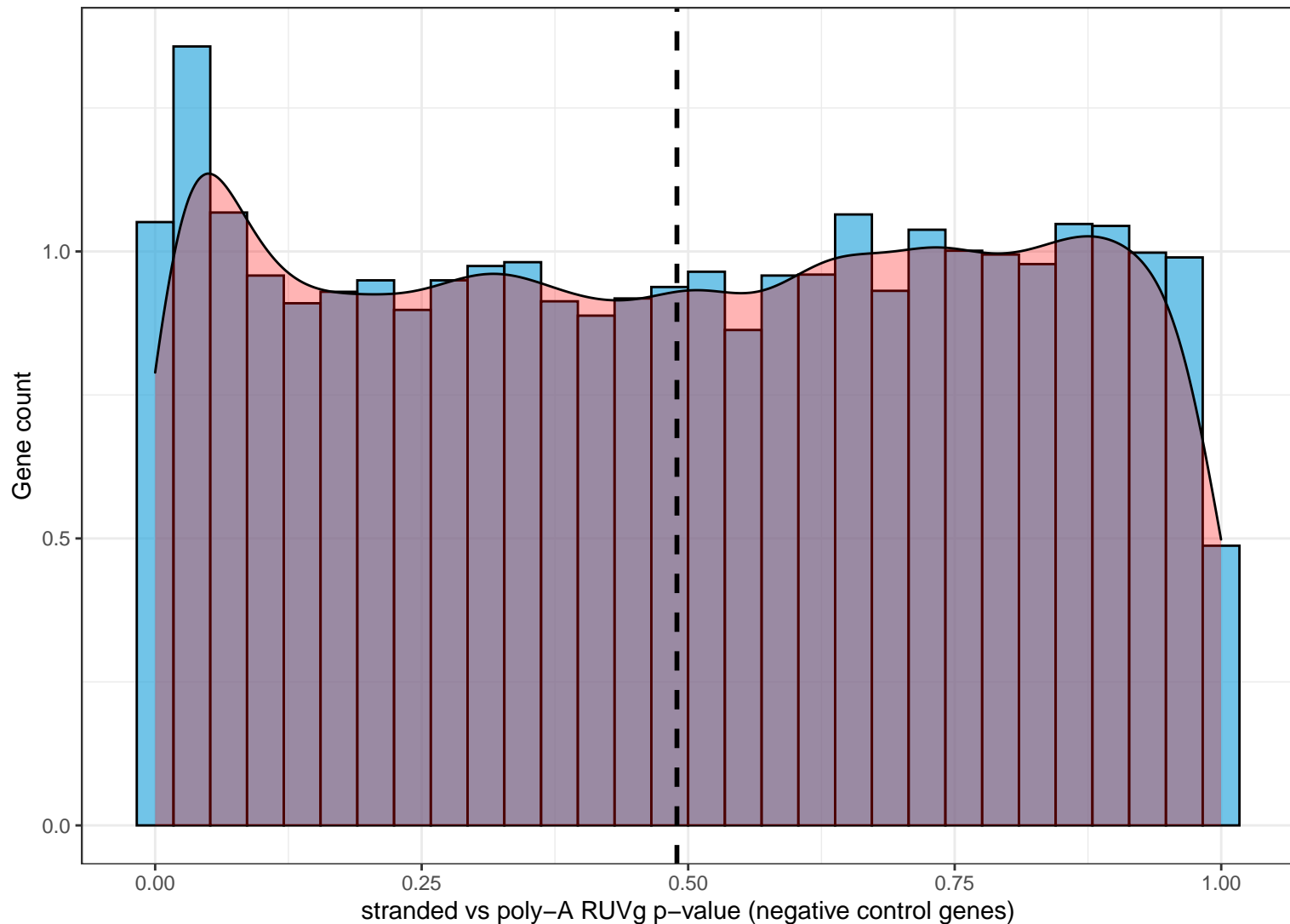
Total number of genes: 17439

1410 genes have p-value < 0.05

16029 genes have p-value >= 0.05

117 genes have BH FDR < 0.05

17322 genes have BH FDR >= 0.05



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

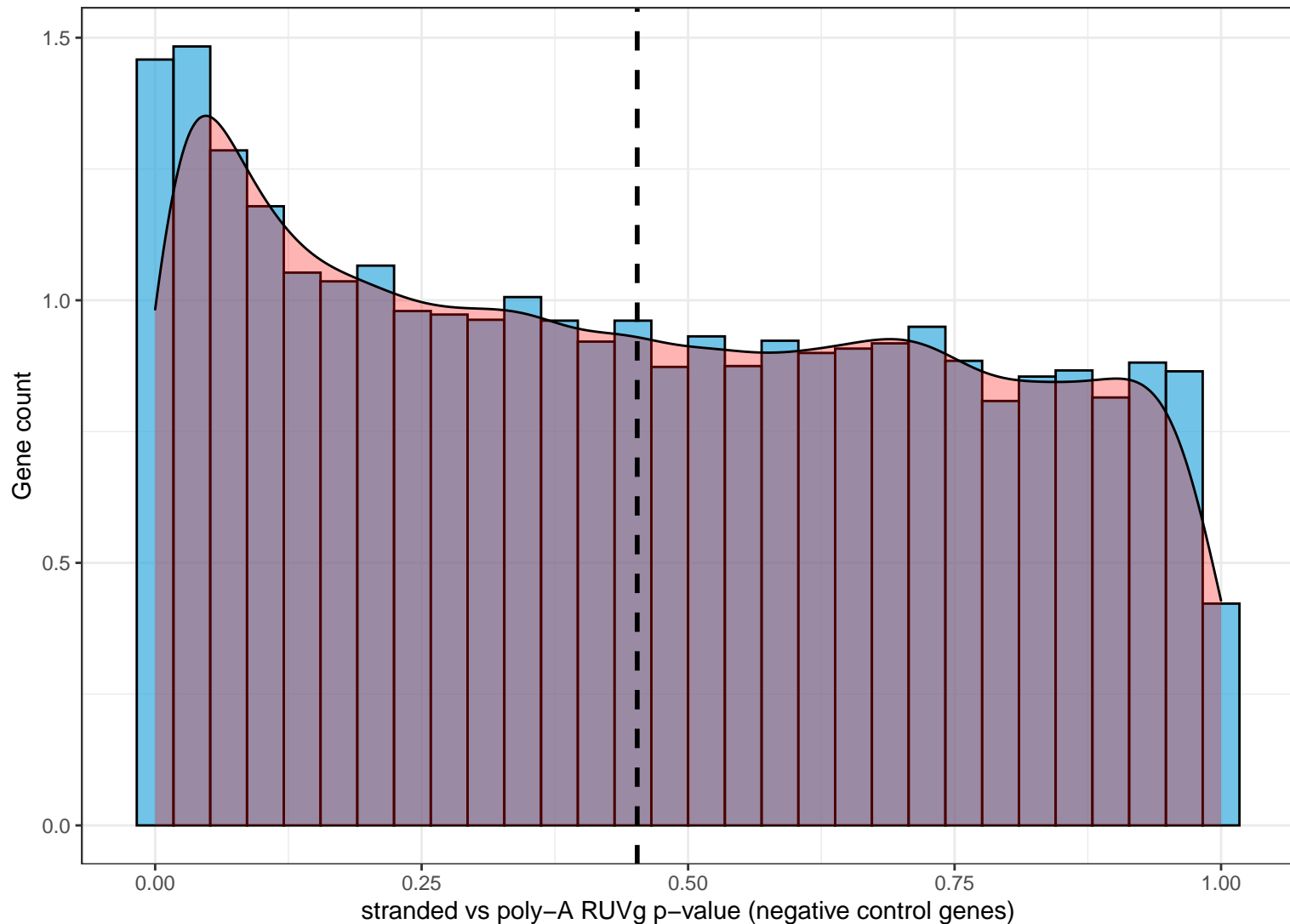
Total number of genes: 17439

1731 genes have p-value < 0.05

15708 genes have p-value  $\geq 0.05$

203 genes have BH FDR < 0.05

17236 genes have BH FDR  $\geq 0.05$



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

Total number of genes: 17439

1439 genes have p-value < 0.05

16000 genes have p-value  $\geq 0.05$

226 genes have BH FDR < 0.05

17213 genes have BH FDR  $\geq 0.05$

