

Histogram of paired analysis ($k = 1$)

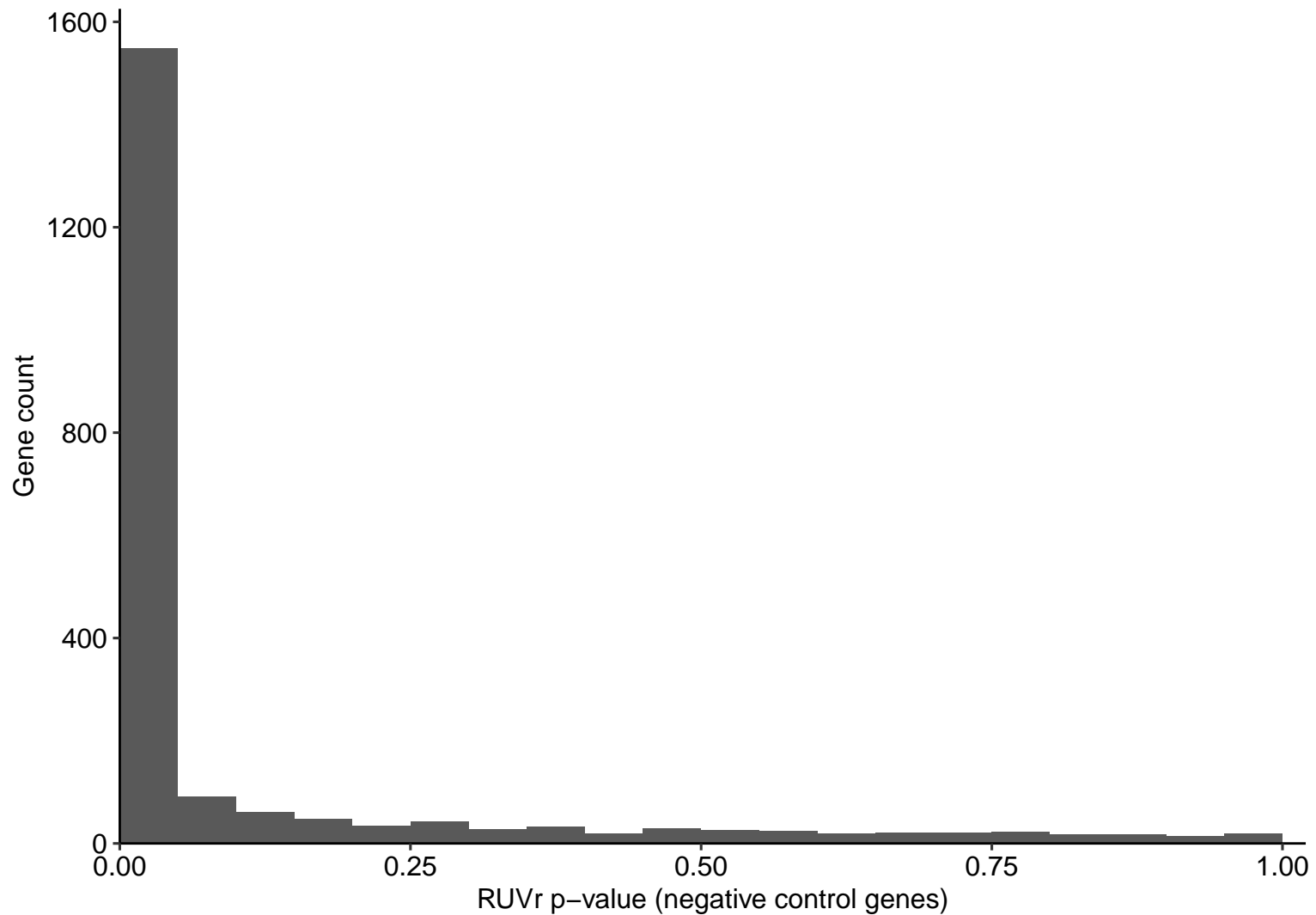
Total number of genes: 2133

1548 genes have $p\text{-value} < 0.05$

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

1502 genes have BH FDR < 0.05

631 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 2$)

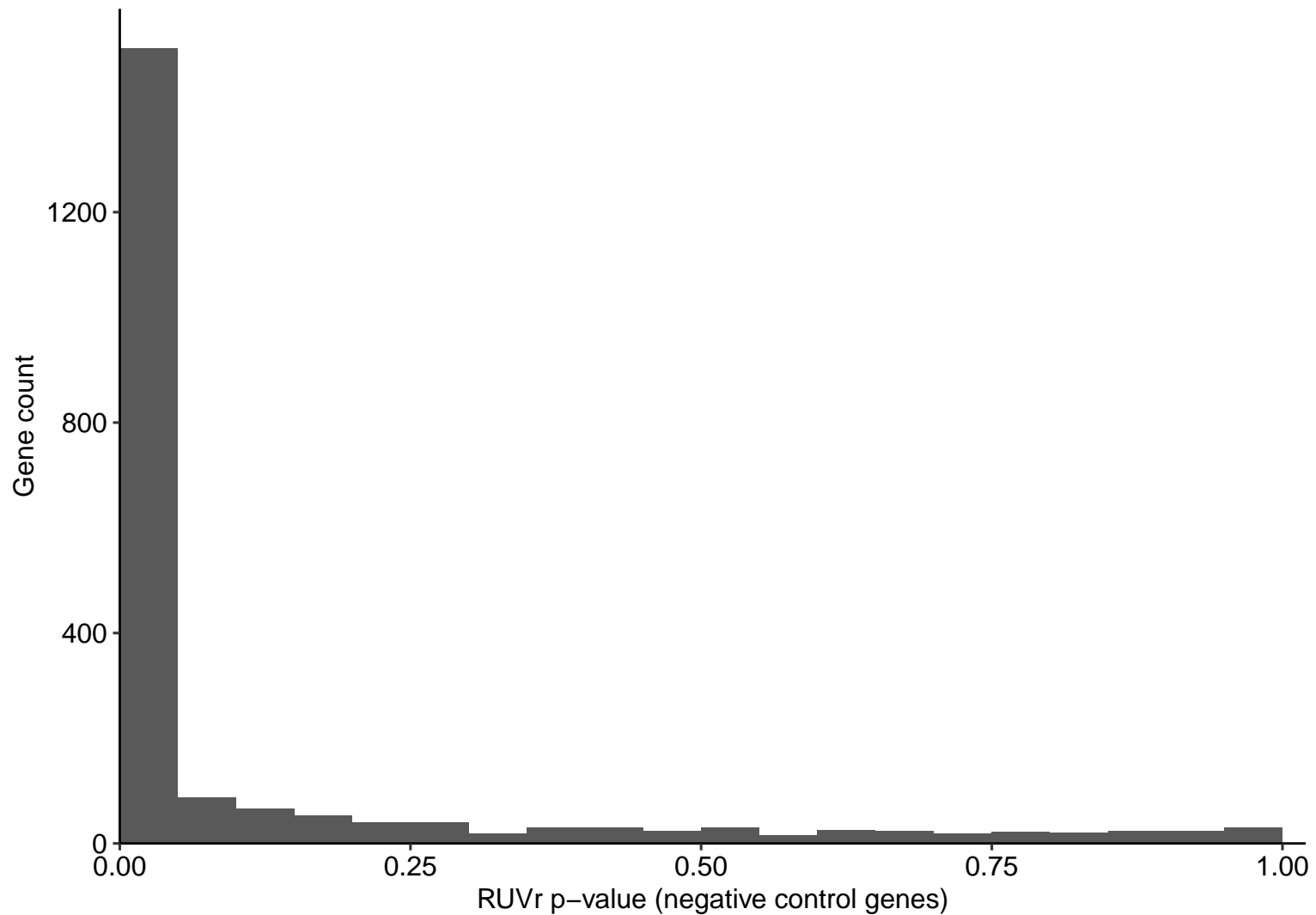
Total number of genes: 2133

1511 genes have $p\text{-value} < 0.05$

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

1457 genes have BH FDR < 0.05

676 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 3$)

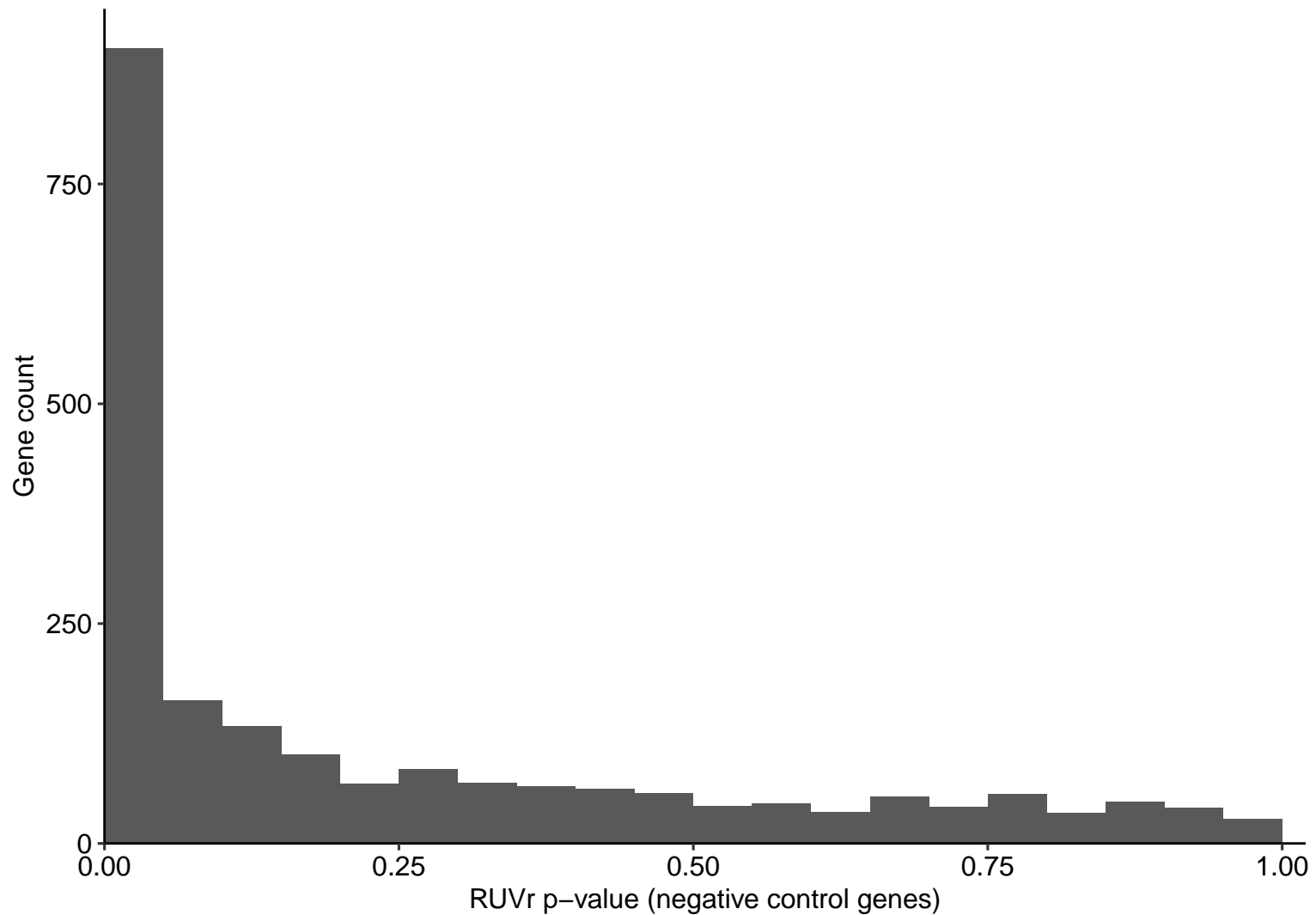
Total number of genes: 2133

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

1229 genes have $p\text{-value} \geq 0.05$

636 genes have BH FDR < 0.05

1497 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 4$)

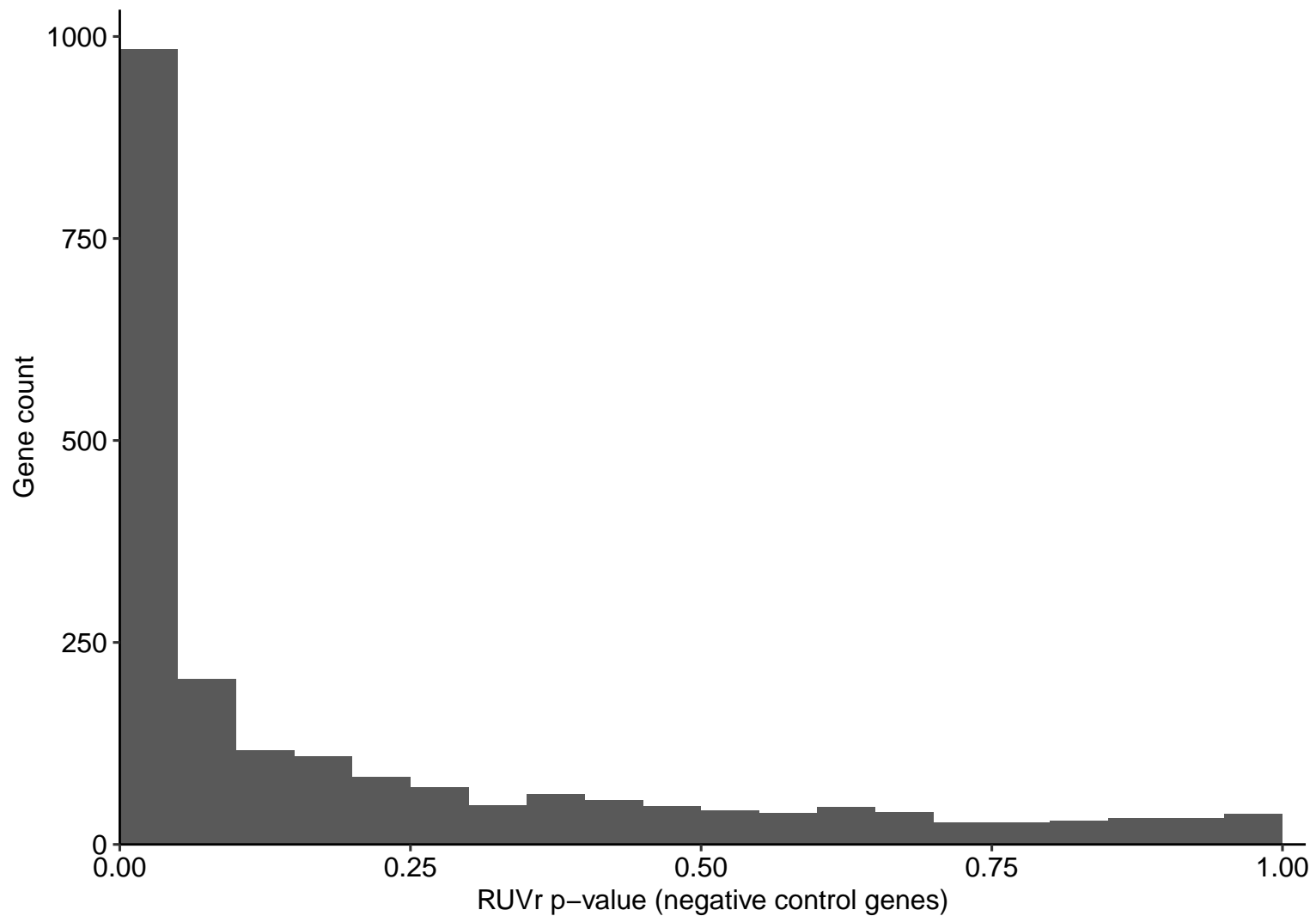
Total number of genes: 2133

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

1149 genes have $p\text{-value} \geq 0.05$

710 genes have BH FDR < 0.05

1423 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 5$)

Total number of genes: 2133

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

2032 genes have $p\text{-value} \geq 0.05$

0 genes have BH FDR < 0.05

2133 genes have BH FDR ≥ 0.05

