

Histogram of paired analysis ($k = 1$)

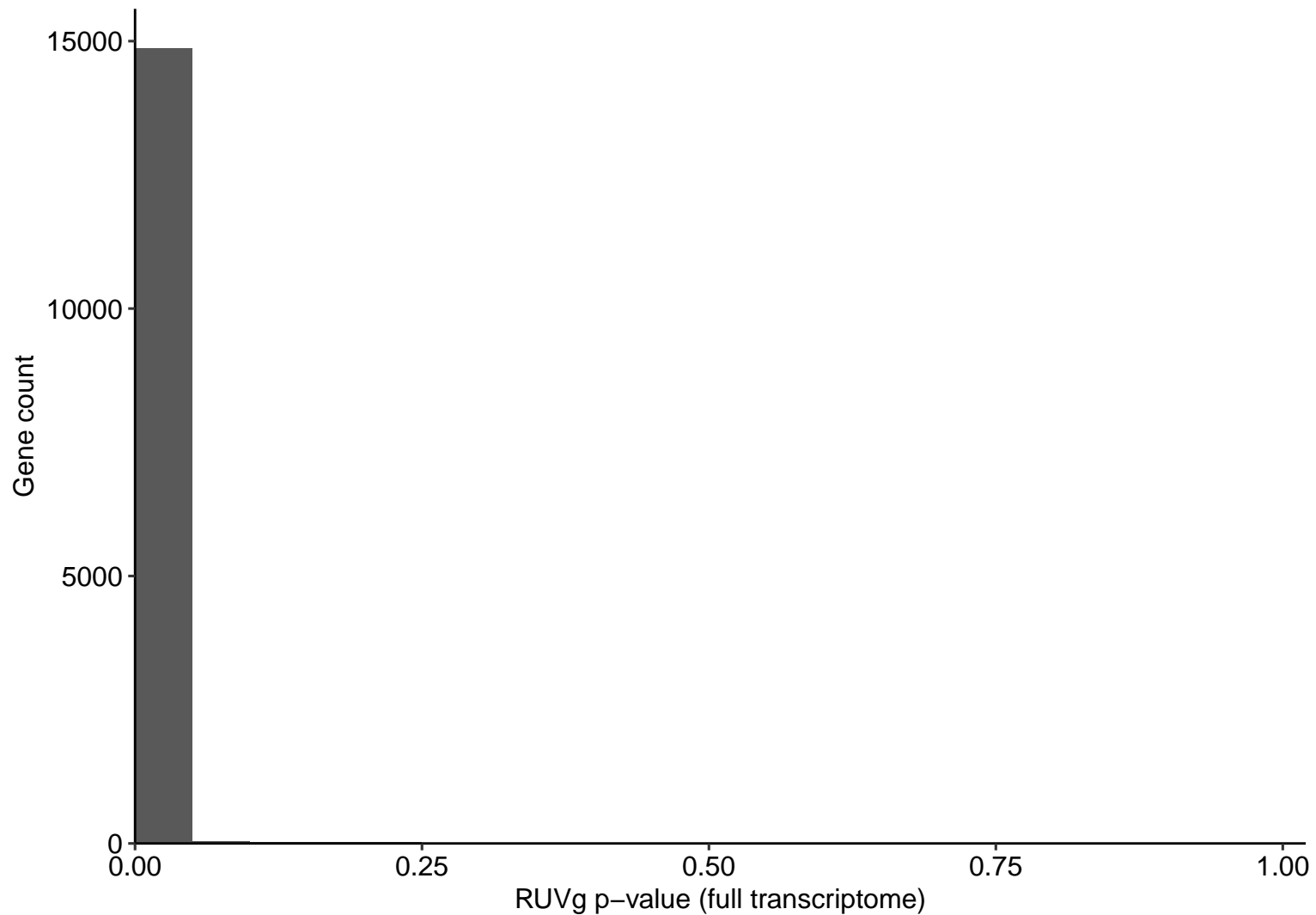
Total number of genes: 15104

14861 genes have $p\text{-value} < 0.05$

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

14861 genes have BH FDR < 0.05

243 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 2$)

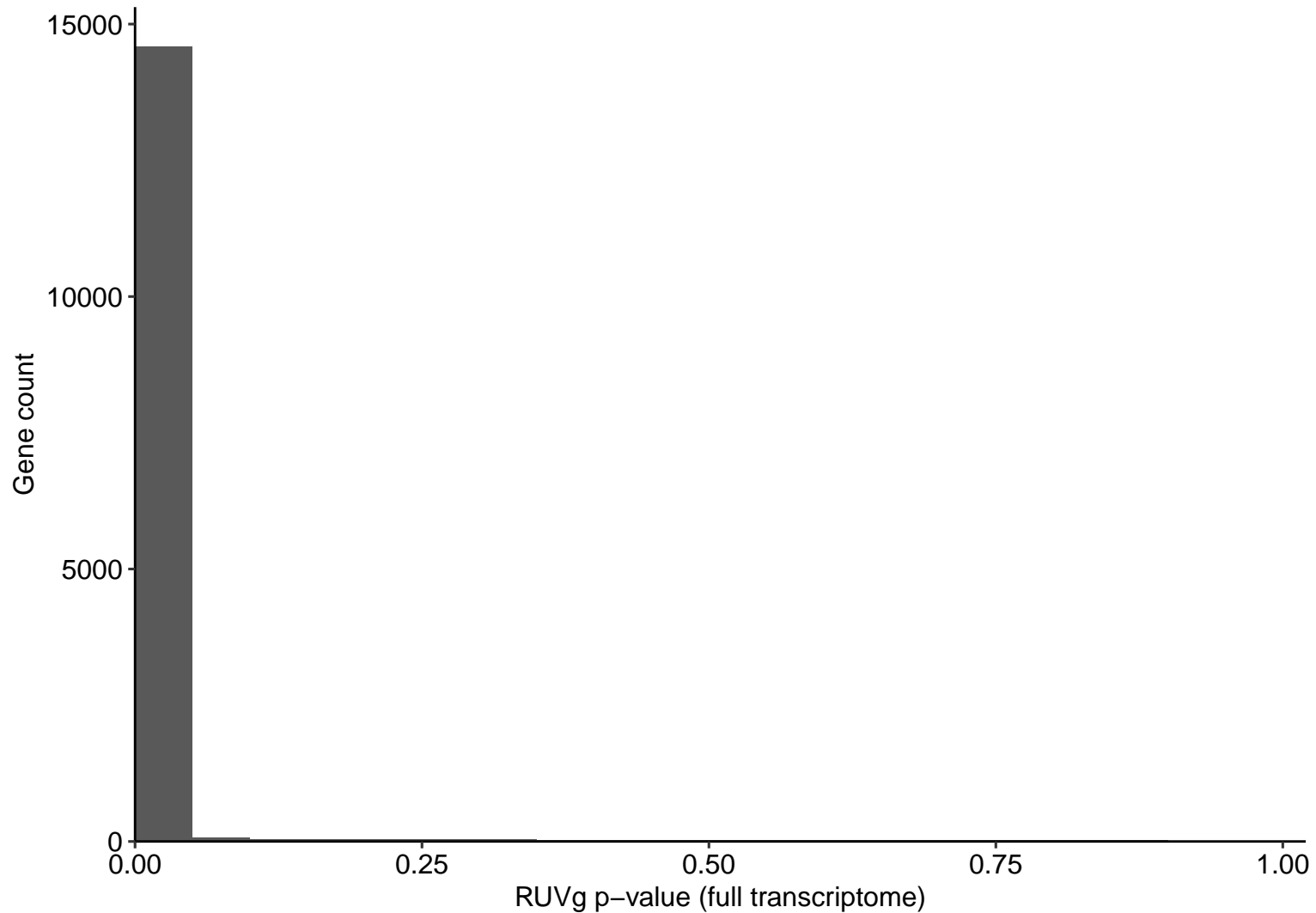
Total number of genes: 15104

14583 genes have $p\text{-value} < 0.05$

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

14577 genes have BH FDR < 0.05

527 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 3$)

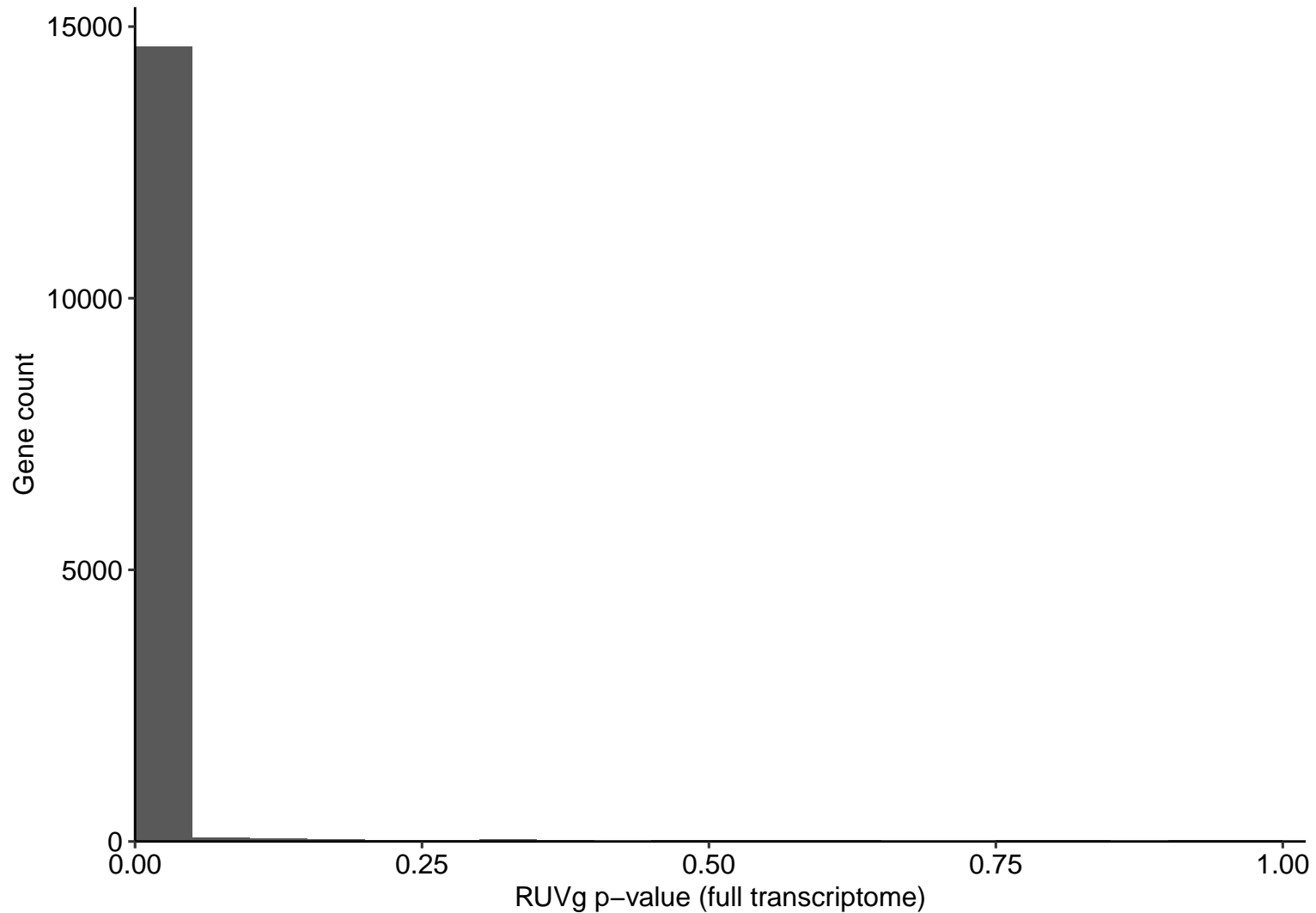
Total number of genes: 15104

14628 genes have $p\text{-value} < 0.05$

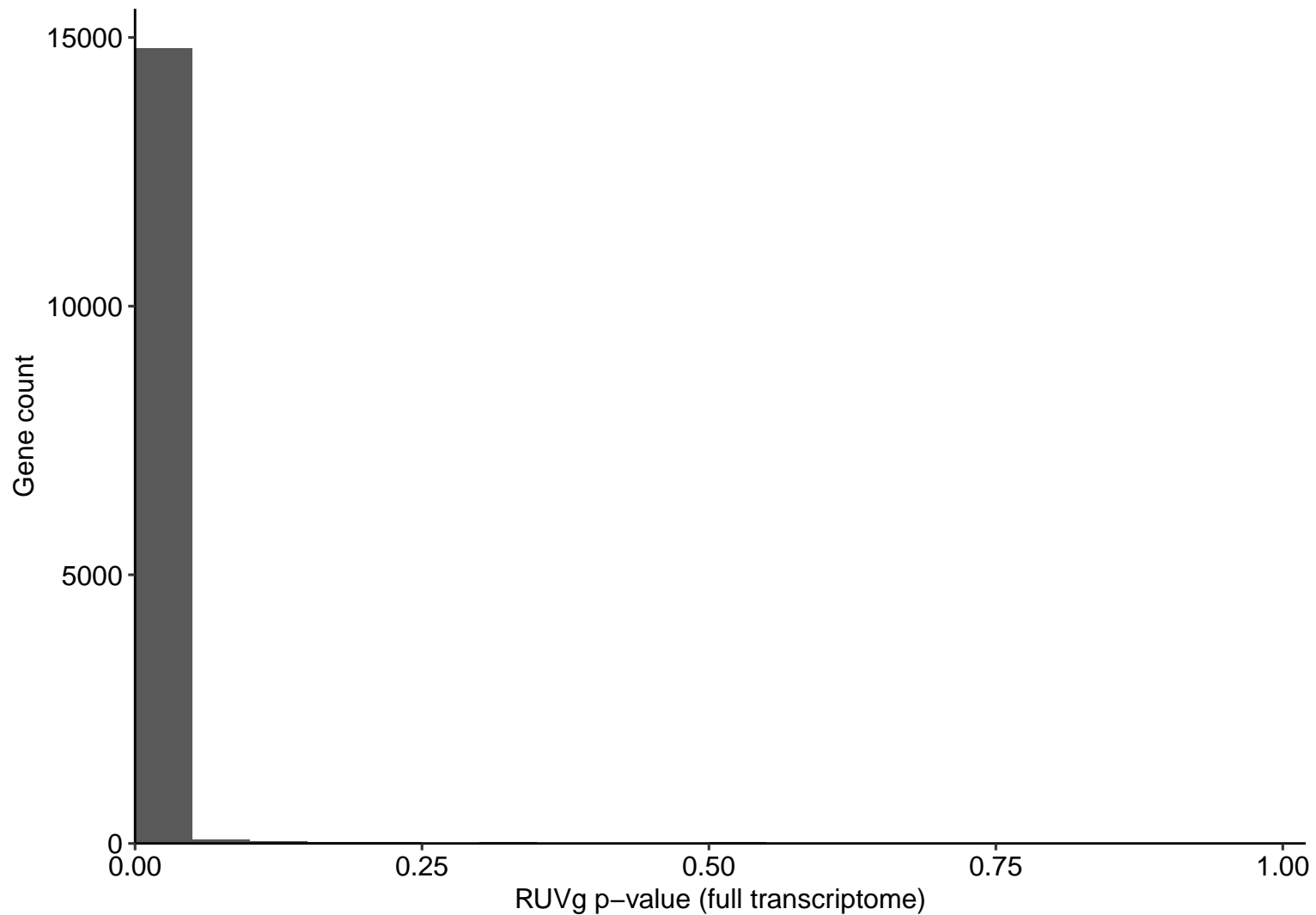
476 genes have $p\text{-value} \geq 0.05$

14626 genes have BH FDR < 0.05

478 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 4$)
Total number of genes: 15104
14794 genes have $p\text{-value} < 0.05$
310 genes have $p\text{-value} \geq 0.05$
14794 genes have BH FDR < 0.05
310 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 5$)

Total number of genes: 15104

14100 genes have p -value < 0.05

1004 genes have p -value ≥ 0.05

14088 genes have BH FDR < 0.05

1016 genes have BH FDR ≥ 0.05

