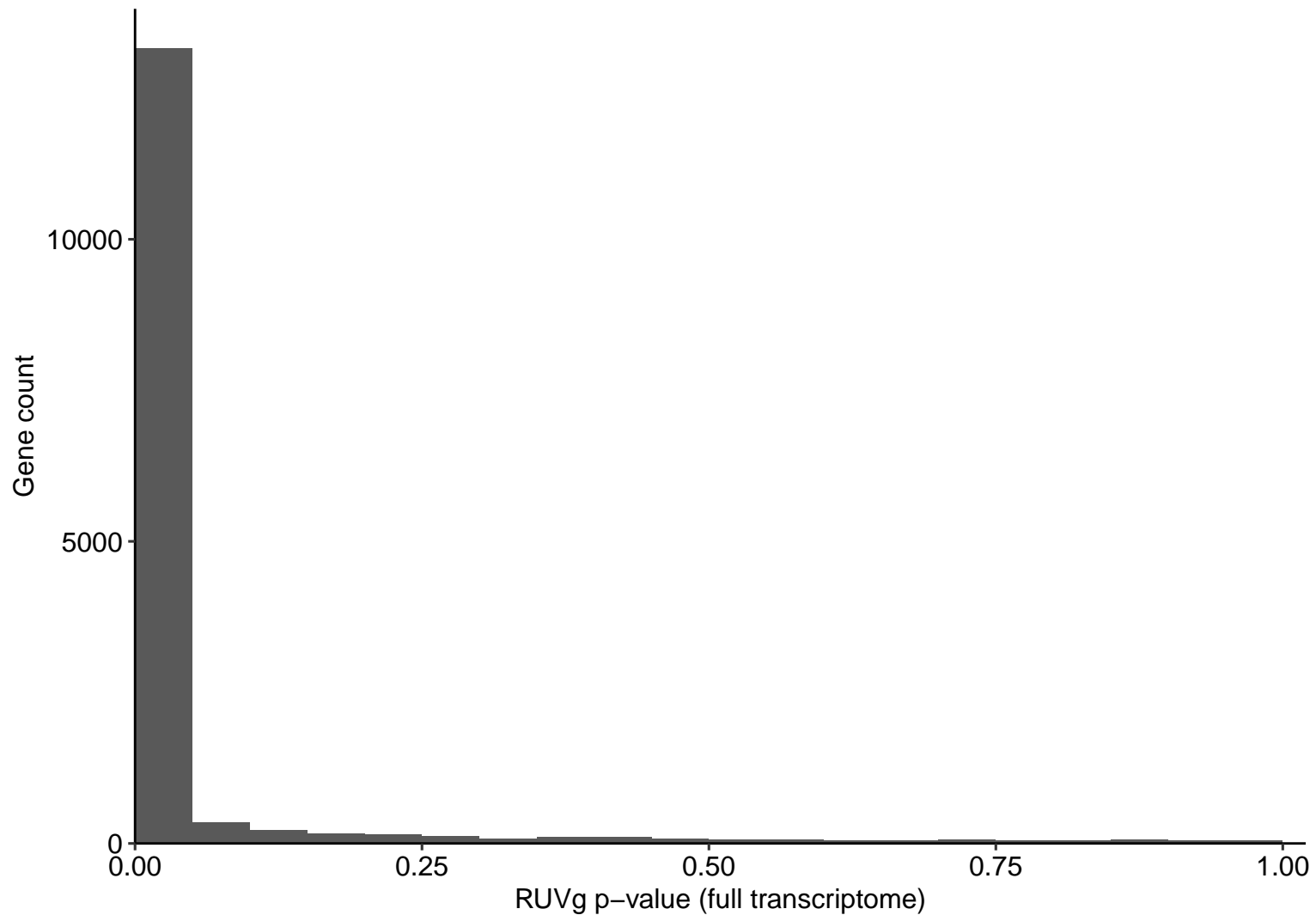
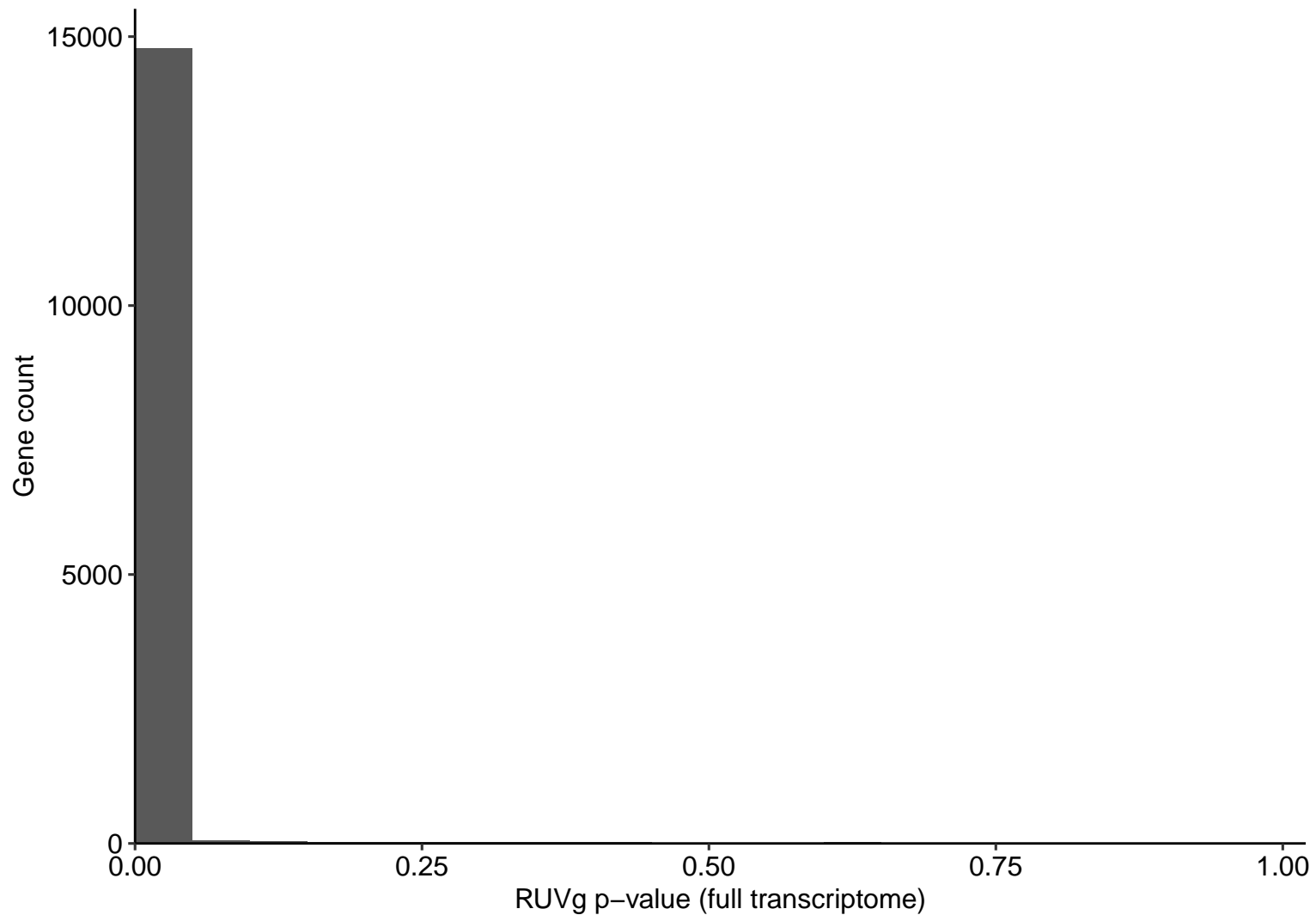


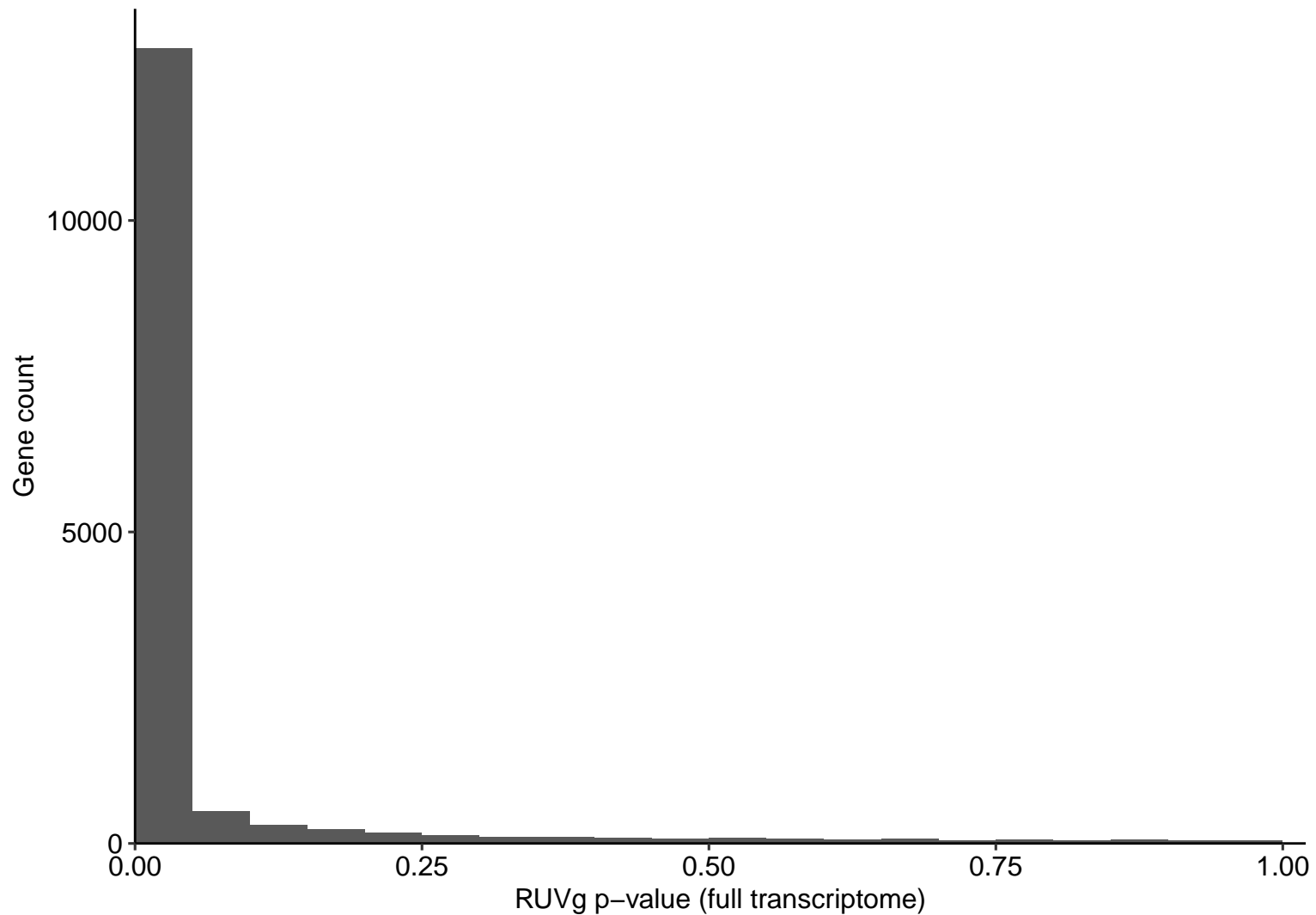
Histogram of paired analysis ($k = 1$)
Total number of genes: 15104
13157 genes have p -value < 0.05
1947 genes have p -value ≥ 0.05
13094 genes have BH FDR < 0.05
2010 genes have BH FDR ≥ 0.05



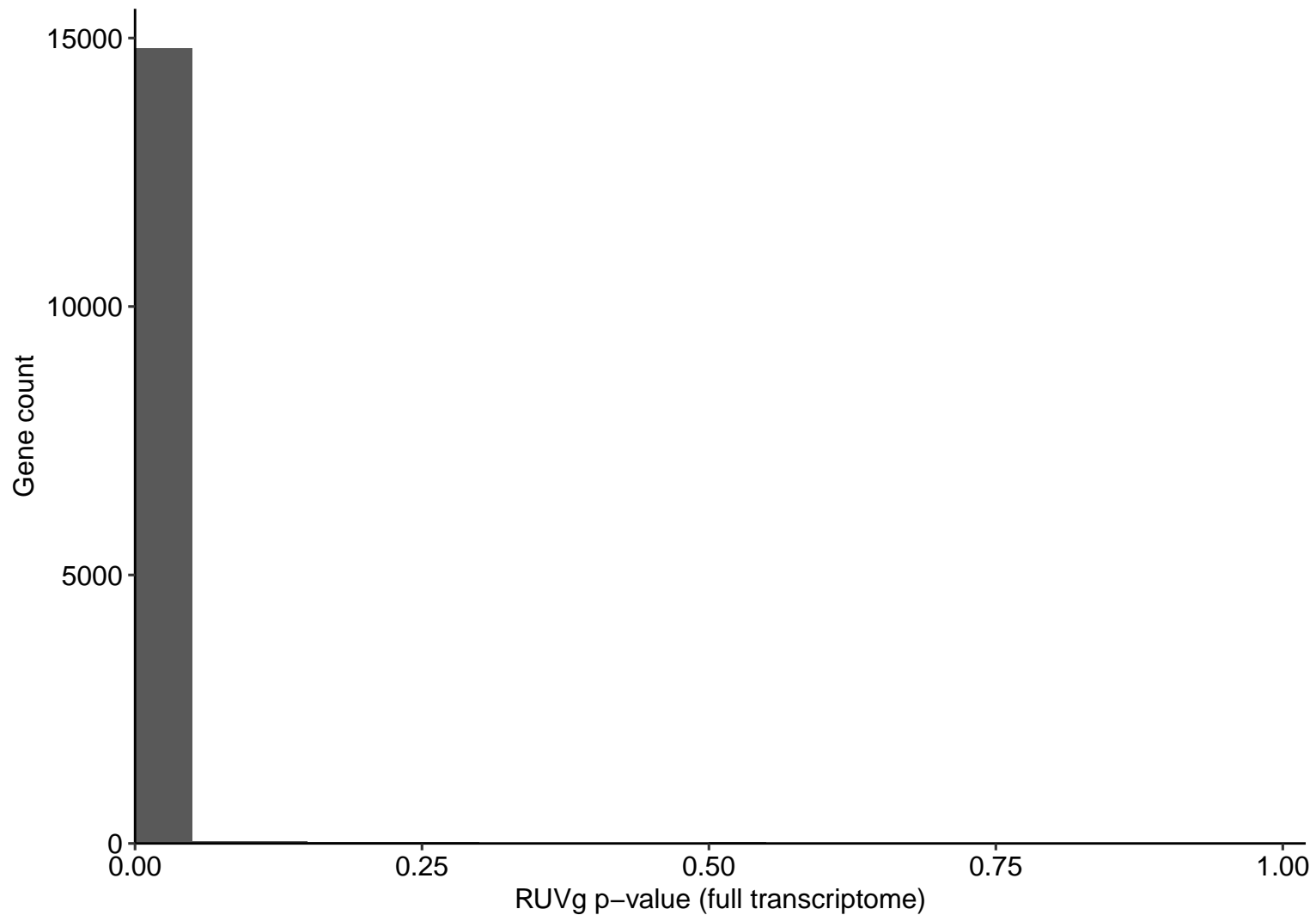
Histogram of paired analysis ($k = 2$)
Total number of genes: 15104
14778 genes have $p\text{-value} < 0.05$
326 genes have $p\text{-value} \geq 0.05$
14777 genes have BH FDR < 0.05
327 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 3$)
Total number of genes: 15104
12760 genes have p -value < 0.05
2344 genes have p -value ≥ 0.05
12602 genes have BH FDR < 0.05
2502 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 4$)
Total number of genes: 15104
14804 genes have $p\text{-value} < 0.05$
300 genes have $p\text{-value} \geq 0.05$
14804 genes have BH FDR < 0.05
300 genes have BH FDR ≥ 0.05



Histogram of paired analysis ($k = 5$)
Total number of genes: 15104
14798 genes have $p\text{-value} < 0.05$
306 genes have $p\text{-value} \geq 0.05$
14798 genes have BH FDR < 0.05
306 genes have BH FDR ≥ 0.05

