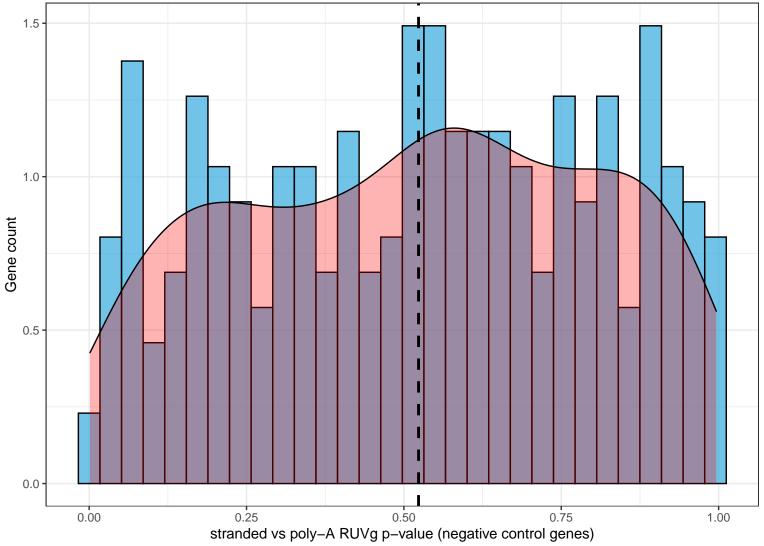
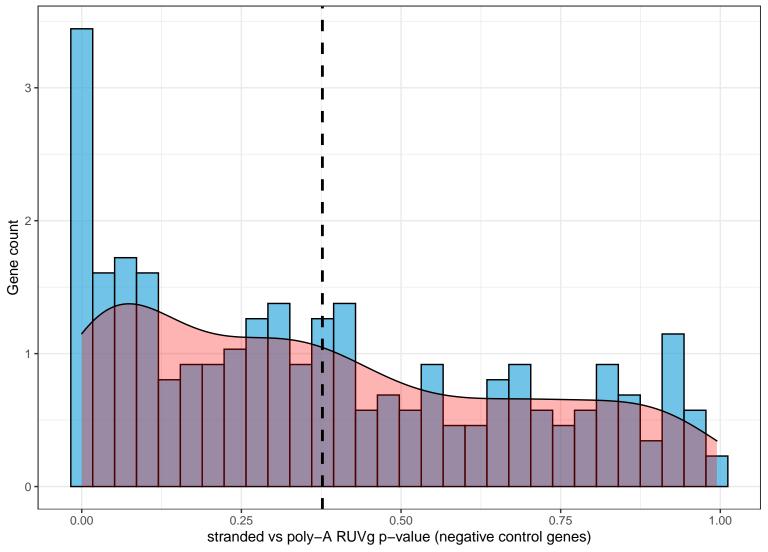
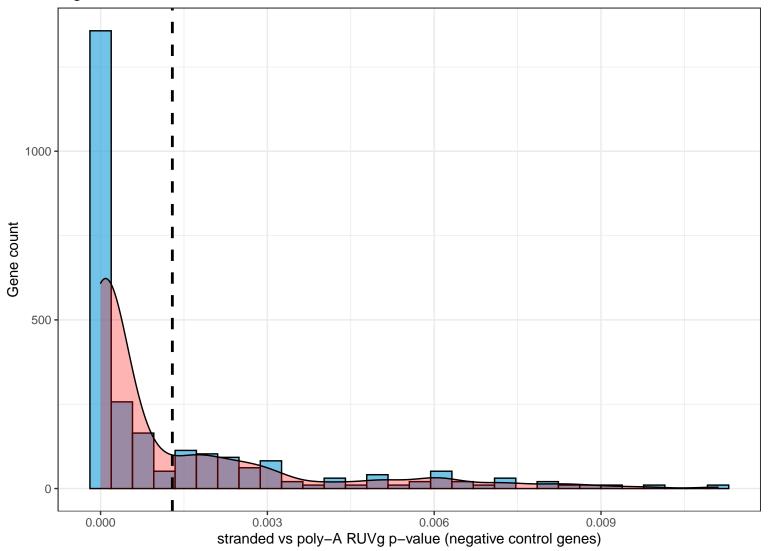
Histogram of stranded vs poly–A paired analysis (k = 1) Total number of genes: 254
9 genes have p–value < 0.05
245 genes have p–value >= 0.05
0 genes have BH FDR < 0.05
254 genes have BH FDR >= 0.05



Histogram of stranded vs poly–A paired analysis (k = 2) Total number of genes: 254 42 genes have p-value < 0.05 212 genes have p-value >= 0.05 10 genes have BH FDR < 0.05 244 genes have BH FDR >= 0.05



Histogram of stranded vs poly–A paired analysis (k = 3) Total number of genes: 254 254 genes have p-value < 0.05 0 genes have p-value >= 0.05 251 genes have BH FDR < 0.05 3 genes have BH FDR >= 0.05



Histogram of stranded vs poly–A paired analysis (k = 4)Total number of genes: 254 254 genes have p-value < 0.05 0 genes have p-value >= 0.05238 genes have BH FDR < 0.05 16 genes have BH FDR >= 0.05 900 Gene count 600 300

0.005

0 -

0.000

stranded vs poly–A RUVg p-value (negative control genes)

0.010

Histogram of stranded vs poly–A paired analysis (k = 5)Total number of genes: 254 254 genes have p-value < 0.05 0 genes have p-value \geq 0.05 249 genes have BH FDR < 0.05 5 genes have BH FDR >= 0.05 1250 1000 750 Gene count 500

0.005

250

0

0.000

stranded vs poly-A RUVg p-value (negative control genes)

0.010