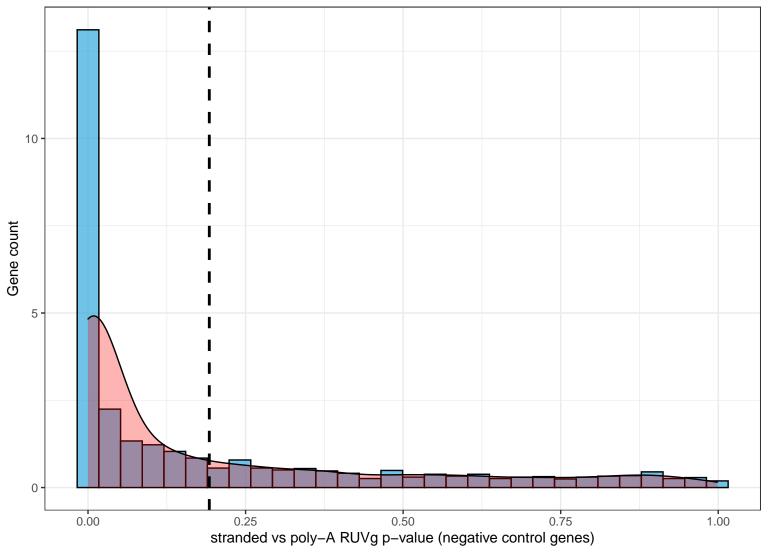
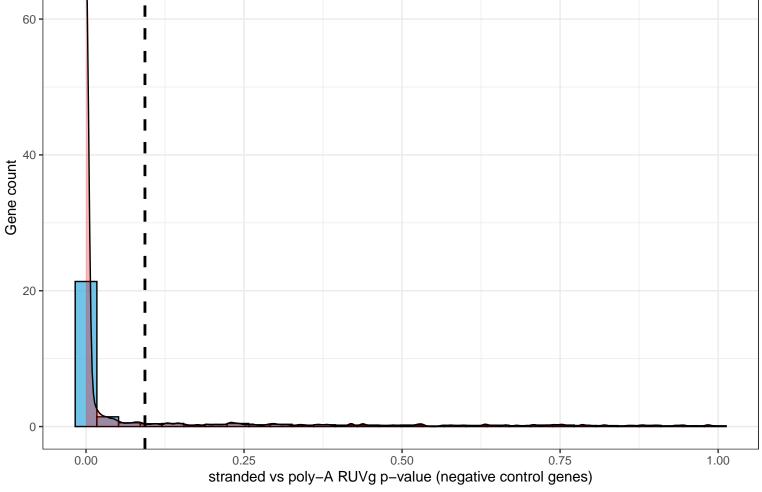


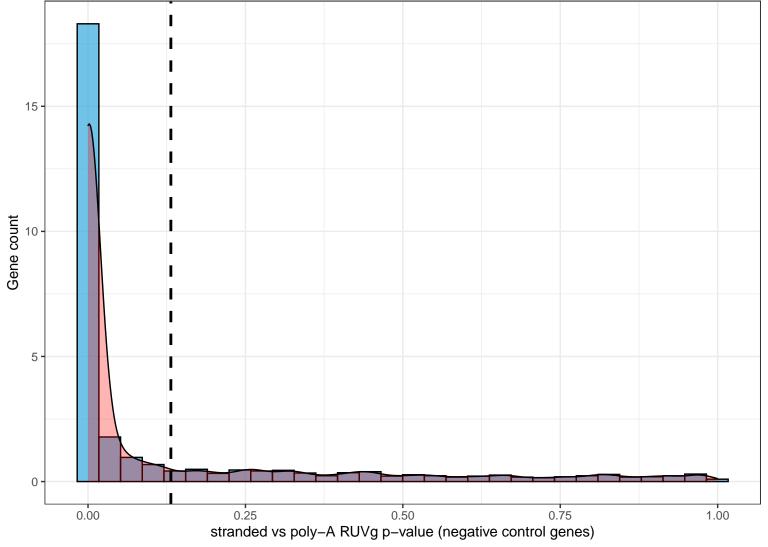
Histogram of stranded vs poly–A paired analysis (k = 2) Total number of genes: 2133 1119 genes have p-value < 0.05 1014 genes have p-value >= 0.05 988 genes have BH FDR < 0.05 1145 genes have BH FDR >= 0.05



Histogram of stranded vs poly–A paired analysis (k = 3)Total number of genes: 2133 1665 genes have p-value < 0.05 468 genes have p-value >= 0.05 1620 genes have BH FDR < 0.05 513 genes have BH FDR >= 0.05 60 40



Histogram of stranded vs poly–A paired analysis (k = 4) Total number of genes: 2133 1474 genes have p–value < 0.05 659 genes have p–value >= 0.05 1403 genes have BH FDR < 0.05 730 genes have BH FDR >= 0.05



Histogram of stranded vs poly–A paired analysis (k = 5)Total number of genes: 2133 1649 genes have p-value < 0.05 484 genes have p-value >= 0.05 1616 genes have BH FDR < 0.05 517 genes have BH FDR >= 0.05 60 40 Gene count 20 -

0.50

0

0.00

0.25

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

0.75

1.00