

Counting mismatches between two packed strings

Require: x and y are packed strings of equal length n

```
1: function DISTANCE( $x, y$ )  $zx \oplus y$  ▷  $\oplus$ : bitwise exclusive-or  $\delta 0$ 
2:   for  $i \leftarrow 1$  to  $n$  do
3:     if  $z_i \neq 0$  then  $\delta \delta + 1$ 
4:     end if
5:   end for
6:   return  $\delta$ 
7: end function
```