Assignment 5 Hamming Codes

WRITEUP

Zack Traczyk CSE13S - Spring 2021

Due: May 9th at 11:59 pm

files tested (corpora/artificial):

- * aaa.txt
- * alphabet.txt
- * random.txt
- * encoded entropy is higher (because parity bits add more variation/ more bytes in general

Entropy vs Noise in alphabet.txt 8 original entropy encoded entropy 7.5 7 6.5 6 5.5 5 4.5 4 3.5 3 0.1 0.2 0.3 0.4 0.5 0.7 0.9 Percent Noise

Figure 1: Alphabet Entropy

Figure 2: All As Entropy

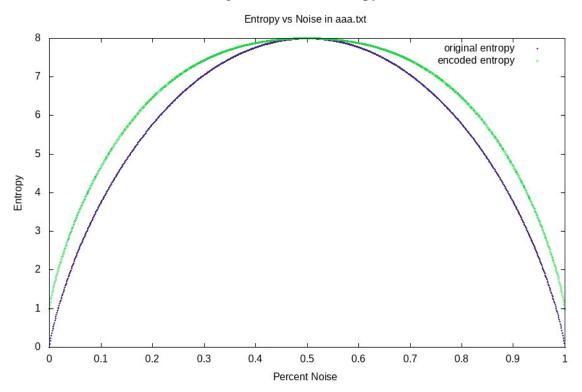


Figure 3: Random Entropy

