



From our Huffman code, we were able to calculate to frequency of each character, as well as the length of the Huffman code. Above is a chart of the compression ratio. If we were to calculate the number of bits used, we would do  $(1877 * 3) + (1411 * 4) + (1175 * 4) + \dots (1 * 14)$ . Divide by 8 and we get the number of bytes. The total amount of bytes is ~8897 bytes.