

| | Uncompressed File size | Compressed File Size | Compressed File Size with my Program | Compressed File size in fraction to the Uncompressed File |
|----------|------------------------|----------------------|--------------------------------------|-----------------------------------------------------------|
| Input 1 | 60,213 bytes | 25,848 bytes | 49,119 bytes | 0.526232212 |
| Input 2 | 69,942 bytes | 29,549 bytes | 55,908 bytes | 0.528529012 |
| Input 3 | 99,949 bytes | 41,281 bytes | 79,480 bytes | 0.519388525 |
| Input 4 | 127,361 bytes | 53,492 bytes | 102,889 bytes | 0.519900087 |
| Input 5 | 122,776 bytes | 50,666 bytes | 98,786 bytes | 0.512886441 |
| Input 6 | 89,250 bytes | 37,811 bytes | 72,426 bytes | 0.5220639 |
| Input 7 | 156,817 bytes | 65,408 bytes | 127,110 bytes | 0.514577925 |
| Input 8 | 127,831 bytes | 54,057 bytes | 103,385 bytes | 0.522870823 |
| Input 9 | 185,225 bytes | 76,917 bytes | 147,826 bytes | 0.520321188 |
| Input 10 | 233,272 bytes | 93,867 bytes | 185,863 bytes | 0.505033277 |
| average | | | | 0.519180339 |

The reference utility was the compress on Mac. There are extra/missing spaces that does not match up the after the uncompressing/compressing process so the size could vary a little bit.