

	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.