

and consists of 964 words.

Results

| | Bitstream 1 | Bitstream 2 |
|------------------------------------|-------------|-------------|
| Words | 964 | 964 |
| Total Bitrate | 82 | 74 |
| Average bitrate (/10 words) | 0.85 | 0.76 |
| False Positives | 18 | 17 |
| False Negatives | 3 | 2 |
| True Positives | 66 | 66 |
| True Negatives | 877 | 879 |
| Error Count | 0 | 0 |
| Original Total Quality | 876195 | 876195 |
| Original Average Quality | 908 | 908 |
| Obfuscated Total Quality | 927529 | 924523 |
| Obfuscated Average Quality | 962 | 959 |

Table 5.3: Results for Academic Paper

Analysis

The results for the academic paper are as expected for this type of text. The bitrate is lower than some of the other documents as the text contains a number of names and technical terms, which will not be in the WordNet database. They will also affect the quality tests of words surrounding them, meaning that some words will not have had data hidden even if they supported it.

The quality of the text is again slightly lower than other documents, as I expected. This is, as I have mentioned, due to the number of technical terms and names in the text which will not appear in the frequency data.

The false positive rate is again consistent with the other documents. There are a few false negatives, which is a slight problem, and these will be explained later. No errors were found.

5.4.4 Fiction Text

This piece of text is an excerpt from the first chapter of Peter Kay's autobiography "The Sound of Laughter". It was chosen as the language is not as formal as in some of the other texts [17].