One PID

Binary Text

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Size (Bytes) | Time (seconds) | Size (Bytes) | Time (Seconds) |
| Case 1 | 204 | 0.08 | 160 | 0.10 |
| Case 2 | 340 | 0.07 | 180 | 0.14 |
| Case 3 | 210 | 0.07 | 180 | 0.13 |
| Case 4 | 220 | 0.09 | 170 | 0.11 |
| Case 5 | 290 | 0.08 | 190 | 0.10 |
| Average | 275 | 0.08 | 180 | 0.12 |
| Standard Deviation | 35 | 0.01 | 20 | 0.02 |

All PIDs

Binary Text

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Size (Bytes) | Time (Seconds) | Size (Bytes) | Time (Seconds) |
| Case 1 | 100012 | 0.2 | 100001 | 0.55 |
| Case 2 | 100123 | 0.3 | 90091 | 0.67 |
| Case 3 | 110023 | 0.4 | 99000 | 0.68 |
| Case 4 | 110004 | 0.3 | 94500 | 0.98 |
| Case 5 | 110204 | 0.4 | 93000 | 0.8 |
| Average | 100549 | 0.3 | 95000 | 0.75 |
| Standard Deviation | 10000 | 0.1 | 5000 | 0.79 |

Through the findings, I can concluded that binary files take up more space than text files on average, but they are quicker in terms of writing data.