|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dataset size (K) | i/o | Pvs | Reduction time | Total time | Naïve time | Error |
| 5 | 942 | 434 | 302.372 | 354.293 | 3.44639e+07 | 2.65625 |
| 10 | 1503.1 | 691.4 | 359.534 | 431.466 | 9.57974e+07 | 4.98435 |
| 15 | 1960.8 | 821.8 | 446.596 | 519.687 | 1.94655e+08 | 3.5 |
| 20 | 2488.2 | 955.6 | 453.906 | 528.486 | 2.84934e+08 | 4.37031 |
| 25 | 2845.2 | 951.2 | 815.082 | 869.441 | 3.35994e+08 | 4.39784 |

Uniform

ZipF

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 5 | 335.357 | 185.214 | 19.0155 | 28.3437 | 4.11808e+07 | 2.160714 |
| 10 | 530.5 | 269.714 | 46.1709 | 67.9283 | 1.62299e+08 | 3.212054 |
| 15 | 895.429 | 449.538 | 80.818 | 111.109 | 2.90117e+08 | 4.46429 |
| 20 | 969.769 | 489.286 | 129.315 | 161.885 | 3.6117e+08 | 4.227163 |
| 25 | 1038.542 | 527.684 | 189.321 | 219.521 | 4.2339e+08 | 4.26301 |