

Table 1: Suffix Array Construction Benchmark

| <i>file</i> | <i>par Range</i> (T_1) | <i>par Range</i> (T_{64}) | <i>par Dss</i> (T_1) | <i>par Dss</i> (T_{64}) | <i>par KS</i> (T_1) | <i>par KS</i> (T_{64}) | <i>ser Dss</i> | <i>ser KS</i> |
|---------------------|----------------------------|-------------------------------|--------------------------|-----------------------------|-------------------------|----------------------------|----------------|---------------|
| <i>chr22.dna</i> | 7.28 | 0.981 | 9.84 | 1.11 | 17.6 | 1.52 | 4.96 | 23.1 |
| <i>etext99</i> | 42.4 | 3.89 | 52.9 | 2.98 | 65.6 | 5.01 | 17 | 87.8 |
| <i>howto</i> | 13.5 | 1.36 | 15.3 | 1.14 | 22.1 | 1.9 | 5.12 | 28.6 |
| <i>jdk13c</i> | 38.9 | 3.3 | 34.7 | 2.3 | 39.7 | 3.23 | 10.3 | 47.5 |
| <i>rctail96</i> | 62.8 | 5.21 | 58.3 | 3.73 | 70.1 | 5.38 | 18 | 88.1 |
| <i>rfc</i> | 47.7 | 4.36 | 44.6 | 2.78 | 73.2 | 5.44 | 15.4 | 88.9 |
| <i>sprot34</i> | 48.6 | 4.04 | 46.4 | 2.59 | 67 | 5.08 | 16.6 | 86.1 |
| <i>w3c2</i> | 75.8 | 7.19 | 76.2 | 4.3 | 63.1 | 5.2 | 13.8 | 76.6 |
| <i>wikisamp.xml</i> | 43.2 | 4.39 | 36.8 | 3.8 | 57.2 | 4.92 | 15.2 | 68.7 |