

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 | 1.1 | 9.85 | 1.12 | 22.3 | 1.91 | 5.5 | 22.9 |
| <i>etext99</i> | 42.4 | 5.26 | 53.1 | 3.19 | 66.1 | 7.19 | 17 | 88.5 |
| <i>howto</i> | 16.2 | 1.71 | 15.3 | 1.18 | 22.2 | 2.39 | 5.13 | 28.4 |
| <i>jdk13c</i> | 45.8 | 4.57 | 34.5 | 2.7 | 39.5 | 4.39 | 9.36 | 63.7 |
| <i>rctail96</i> | 62.6 | 7.14 | 58.5 | 4.46 | 70.3 | 7.74 | 18 | 87.1 |
| <i>rfc</i> | 59.5 | 5.94 | 51.8 | 3.04 | 69.5 | 7.56 | 15.4 | 129 |
| <i>sprot34</i> | 47.6 | 5.5 | 46.2 | 2.95 | 84.9 | 7.32 | 16.8 | 112 |
| <i>w3c2</i> | 76.7 | 9.85 | 76.5 | 4.88 | 63.6 | 7.2 | 13.8 | 76.2 |
| <i>wikisamp.xml</i> | 42.9 | 6.04 | 36.8 | 4.7 | 56.9 | 7.02 | 15.3 | 95.9 |