| ver    | size       | count                | b            | avg                  | std              | med                   | min                  | lower                 | upper                |
|--------|------------|----------------------|--------------|----------------------|------------------|-----------------------|----------------------|-----------------------|----------------------|
| 2      | 640        | 100                  | 10           | 6757.0               | 1893.1           | 6390.3                | 3512.9               | 5798.9                | 7715.0               |
| r      | 640        | 100                  | 10           | 123.2                | 17.6             | 106.3                 | 97.8                 | 114.3                 | 132.1                |
| 2      | 640        | 100                  | 100          | 3304.1               | 520.9            | 2779.1                | 2418.0               | 3040.5                | 3567.7               |
| r      | 640        | 100                  | 100          | 114.0                | 29.6             | 87.7                  | 71.7                 | 99.0                  | 129.0                |
| 2      | 640        | 512                  | 10           | 2972.8               | 613.7            | 2293.4                | 2242.4               | 2639.2                | 3306.4               |
| r      | 640        | 512                  | 10           | 104.5                | 8.3              | 99.4                  | 83.3                 | 100.0                 | 109.0                |
| 2      | 640        | 512                  | 100          | 2541.1               | 79.2             | 2470.2                | 2403.4               | 2498.0                | 2584.2               |
| r      | 640        | 512                  | 100          | 99.0                 | 10.7             | 91.5                  | 76.3                 | 93.2                  | 104.9                |
| 2      | 640        | 4096                 | 10           | 6379.7               | 1159.8           | 5153.7                | 5084.7               | 5694.3                | 7065.1               |
| r      | 640        | 4096                 | 10           | 203.2                | 59.7             | 136.5                 | 124.0                | 167.9                 | 238.5                |
| 2      | 640        | 4096                 | 100          | 2993.5               | 105.6            | 2893.2                | 2807.1               | 2931.1                | 3055.9               |
| r      | 640        | 4096                 | 100          | 186.3                | 45.2             | 148.2                 | 114.8                | 159.6                 | 213.1                |
| 2<br>r | 640<br>640 | 4096<br>4096         | 1000<br>1000 | 5716.5<br>163.2      | 762.0<br>25.8    | 4960.5<br>138.8       | 4886.9<br>122.9      | 5266.2<br>148.0       | 6166.8<br>178.5      |
| 2      | 640        | 10000                | 1000         | 23031.3              | 8969.0           | 138.8                 | 9989.6               | 17171.6               | 28891.0              |
| - Z    | 640        | 10000                | 10           | 321.1                | 8969.0           | 236.8                 | 9989.6               | 265.8                 | 28891.0<br>376.5     |
| 2      | 640        | 10000                | 100          | 3573.2               | 160.4            | 3492.2                | 3298.4               | 3468.4                | 3678.0               |
| r      | 640        | 10000                | 100          | 239.8                | 12.2             | 234.5                 | 219.5                | 231.8                 | 247.8                |
| 2      | 640        | 10000                | 1000         | 5133.8               | 169.3            | 4970.8                | 4911.8               | 5023.2                | 5244.4               |
| r      | 640        | 10000                | 1000         | 260.2                | 37.6             | 221.9                 | 208.3                | 235.6                 | 284.7                |
| 2      | 640        | 10000                | 10000        | 35293.4              | 4813.6           | 29835.4               | 29753.9              | 32148.4               | 38438.3              |
| r      | 640        | 10000                | 10000        | 242.5                | 18.7             | 221.8                 | 211.8                | 230.3                 | 254.8                |
| 2      | 640        | 65536                | 10           | 67995.9              | 13023.7          | 52869.5               | 49681.3              | 58347.8               | 77643.9              |
| r      | 640        | 65536                | 10           | 933.7                | 38.6             | 915.6                 | 849.3                | 905.1                 | 962.3                |
| 2      | 640        | 65536                | 100          | 9177.6               | 919.5            | 8482.7                | 8017.8               | 8496.4                | 9858.8               |
| r      | 640        | 65536                | 100          | 864.6                | 17.1             | 845.2                 | 841.8                | 851.9                 | 877.2                |
| 2      | 640        | 65536                | 1000         | 9174.9               | 1815.4           | 7127.8                | 6494.2               | 7830.1                | 10519.7              |
| r      | 640        | 65536                | 1000         | 1035.5               | 177.5            | 846.7                 | 839.1                | 904.0                 | 1166.9               |
| 2      | 640        | 65536                | 10000        | 34653.9              | 1893.2           | 32725.2               | 32612.0              | 33251.3               | 36056.4              |
| r      | 640        | 65536                | 10000        | 893.9                | 44.3             | 841.4                 | 828.3                | 861.1                 | 926.7                |
| 2      | 640        | 524288               | 10           | 393982.8             | 11165.1          | 386842.6              | 377577.5             | 384196.2              | 403769.4             |
| r      | 640        | 524288               | 10           | 9102.5               | 619.6            | 8831.6                | 8131.6               | 8559.4                | 9645.5               |
| 2      | 640        | 524288               | 100          | 59410.5              | 1618.6           | 58799.3               | 56705.7              | 57991.7               | 60829.3              |
| r      | 640        | 524288               | 100          | 10202.3              | 2110.6           | 8915.9                | 7873.9               | 8352.3                | 12052.3              |
| 2      | 640        | 524288               | 1000         | 20517.2              | 3234.2           | 16877.5               | 16680.2              | 17682.3               | 23352.1              |
| r      | 640        | 524288               | 1000         | 7888.4               | 129.8            | 7810.1                | 7790.2               | 7774.6                | 8002.1               |
| 2      | 640        | 524288               | 10000        | 43338.4              | 1194.8           | 41963.6               | 41876.8              | 42291.1               | 44385.6              |
| r      | 640        | 524288               | 10000        | 7788.9               | 87.1             | 7703.7                | 7666.4               | 7712.6                | 7865.3               |
| 2      | 640<br>640 | 524288<br>524288     | 100000       | 234479.2<br>9050.0   | 4895.6<br>1006.4 | 229730.6<br>7857.1    | 227820.5<br>7737.0   | 230188.0<br>8167.9    | 238770.4<br>9932.1   |
| 2      | 640        | 1000000              | 100000       | 713961.4             | 5442.8           | 7857.1                | 7737.0               | 707802.4              | 720120.5             |
| r      | 640        | 1000000              | 10           | 16897.2              | 851.3            | 16442.1               | 15830.0              | 15933.8               | 17860.6              |
| 2      | 640        | 1000000              | 100          | 107592.4             | 2411.0           | 106430.4              | 103581.4             | 104864.1              | 110320.6             |
| r      | 640        | 1000000              | 100          | 15603.0              | 163.9            | 15495.2               | 15453.1              | 15417.6               | 15788.5              |
| 2      | 640        | 1000000              | 1000         | 27708.5              | 596.4            | 27023.5               | 26935.4              | 27033.6               | 28383.4              |
| r      | 640        | 1000000              | 1000         | 15876.4              | 225.9            | 15618.9               | 15581.8              | 15620.7               | 16132.1              |
| 2      | 640        | 1000000              | 10000        | 47710.5              | 780.6            | 46892.3               | 46715.0              | 46827.2               | 48593.8              |
| r      | 640        | 1000000              | 10000        | 15510.3              | 81.5             | 15463.6               | 15415.4              | 15418.1               | 15602.5              |
| 2      | 640        | 1000000              | 100000       | 241737.1             | 1082.9           | 240539.6              | 240423.3             | 240511.6              | 242962.5             |
| r      | 640        | 1000000              | 100000       | 15777.9              | 252.5            | 15490.4               | 15483.0              | 15492.1               | 16063.6              |
| 2      | 640        | 1000000              | 1000000      | 1920975.2            | 6277.0           | 1922465.0             | 1911342.7            | 1913872.1             | 1928078.3            |
| r      | 640        | 1000000              | 1000000      | 16527.3              | 1039.4           | 15559.1               | 15169.7              | 15351.1               | 17703.6              |
| 2      | 640        | 10000000             | 10           | 7171669.2            | 0.0              | 7171669.2             | 7171669.2            | 7171669.2             | 7171669.2            |
| r      | 640        | 10000000             | 10           | 166982.6             | 0.0              | 166982.6              | 166982.6             | 166982.6              | 166982.6             |
| 2      | 640        | 10000000             | 100          | 882604.5             | 0.0              | 882604.5              | 882604.5             | 882604.5              | 882604.5             |
| r      | 640        | 10000000             | 100          | 168757.0             | 0.0              | 168757.0              | 168757.0             | 168757.0              | 168757.0             |
| 2      | 640        | 10000000             | 1000         | 217180.9             | 0.0              | 217180.9              | 217180.9             | 217180.9              | 217180.9             |
| r      | 640        | 10000000             | 1000         | 167868.9             | 0.0              | 167868.9              | 167868.9             | 167868.9              | 167868.9             |
| 2      | 640        | 10000000             | 10000        | 122512.8             | 0.0              | 122512.8              | 122512.8             | 122512.8              | 122512.8             |
| r      | 640        | 10000000             | 10000        | 172911.9             | 0.0              | 172911.9              | 172911.9             | 172911.9              | 172911.9             |
| 2      | 640<br>640 | 10000000             | 100000       | 324292.8<br>174372.0 | 0.0              | 324292.8              | 324292.8<br>174372.0 | 324292.8              | 324292.8<br>174372.0 |
| 2      | 640<br>640 | 10000000<br>10000000 | 100000       | 2304182.3            | 0.0              | 174372.0<br>2304182.3 | 2304182.3            | 174372.0<br>2304182.3 | 2304182.3            |
| r      | 640        | 10000000             | 1000000      | 175109.5             | 0.0              | 175109.5              | 175109.5             | 175109.5              | 175109.5             |
| 2      | 640        | 10000000             | 1000000      | 23208176.7           | 0.0              | 23208176.7            | 23208176.7           | 23208176.7            | 23208176.7           |
| r      | 640        | 10000000             | 10000000     | 168696.8             | 0.0              | 168696.8              | 168696.8             | 168696.8              | 168696.8             |
|        | 040        | 10000000             | 1000000      | 100030.0             | 0.0              | 100090.0              | 100030.0             | 100090.0              | 100030.0             |