**Range Experiment**

|  |  |  |  |
| --- | --- | --- | --- |
| **N** | **Algorithm 1** | **Algorithm 2** | **Algorithm 3** |
| 1000 | 5 | 4 | 0 |
| 2000 | 6 | 8 | 0 |
| 4000 | 7 | 9 | 0 |
| 8000 | 18 | 10 | 0.2 |
| 16000 | 78 | 41 | 0.3 |
| 32000 | 315 | 166 | 0.6 |
| 64000 | 1233 | 673 | 1 |