| Insertionsort Doubling ratio data |       |       |  |
|-----------------------------------|-------|-------|--|
| Size                              | Time  | Ratio |  |
| 250                               | 0     | 0     |  |
| 500                               | 0     | 0     |  |
| 1000                              | 0     | 0     |  |
| 2000                              | 0     | 0     |  |
| 4000                              | 0     | 0     |  |
| 8000                              | 0,1   | 4,9   |  |
| 16000                             | 0,3   | 3,8   |  |
| 32000                             | 1,3   | 4,3   |  |
| 64000                             | 5,4   | 4,3   |  |
| 128000                            | 23,9  | 4,4   |  |
| 256000                            | 110,1 | 4,6   |  |
| 512000                            | 842,4 | 7,7   |  |

| Quicksort Doubling ratio data |      |       |
|-------------------------------|------|-------|
| Size                          | Time | Ratio |
| 250                           | 0    | 0     |
| 500                           | 0    | 0     |
| 1000                          | 0    | 0     |
| 2000                          | 0    | 0     |
| 4000                          | 0    | 0     |
| 8000                          | 0    | 0     |
| 16000                         | 0    | 0     |
| 32000                         | 0    | 0     |
| 64000                         | 0    | 0     |
| 128000                        | 0    | 1,9   |
| 256000                        | 0,1  | 2     |
| 512000                        | 0,1  | 2,2   |