|  |  |  |  |
| --- | --- | --- | --- |
| Measure | Quadratic Sort Algorithm | | |
| ***N*** items to sort | bubble | Selection | insertion |
|  |  |  |  |
| Comparisons (count) |  |  |  |
| Worst case |  |  |  |
| Best case |  |  |  |
| Is count data-ordering sensitive? | T / F | T / F | T / F |
|  |  |  |  |
| Swaps (count) |  |  |  |
| Worst case |  |  |  |
| Best case |  |  |  |
| Is count data-ordering sensitive? | T / F | T / F | T / F |
|  |  |  |  |
| Assignments (count) |  |  |  |
| Worst case |  |  |  |
| Best case |  |  |  |
| Is count data-ordering sensitive? | T / F | T / F | T / F |
|  |  |  |  |

Note: A swap requires **3** assignments

Assume that all algorithms are optimized such that a self-swap is not performed