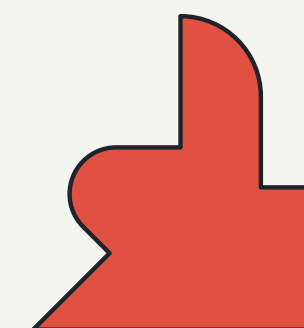
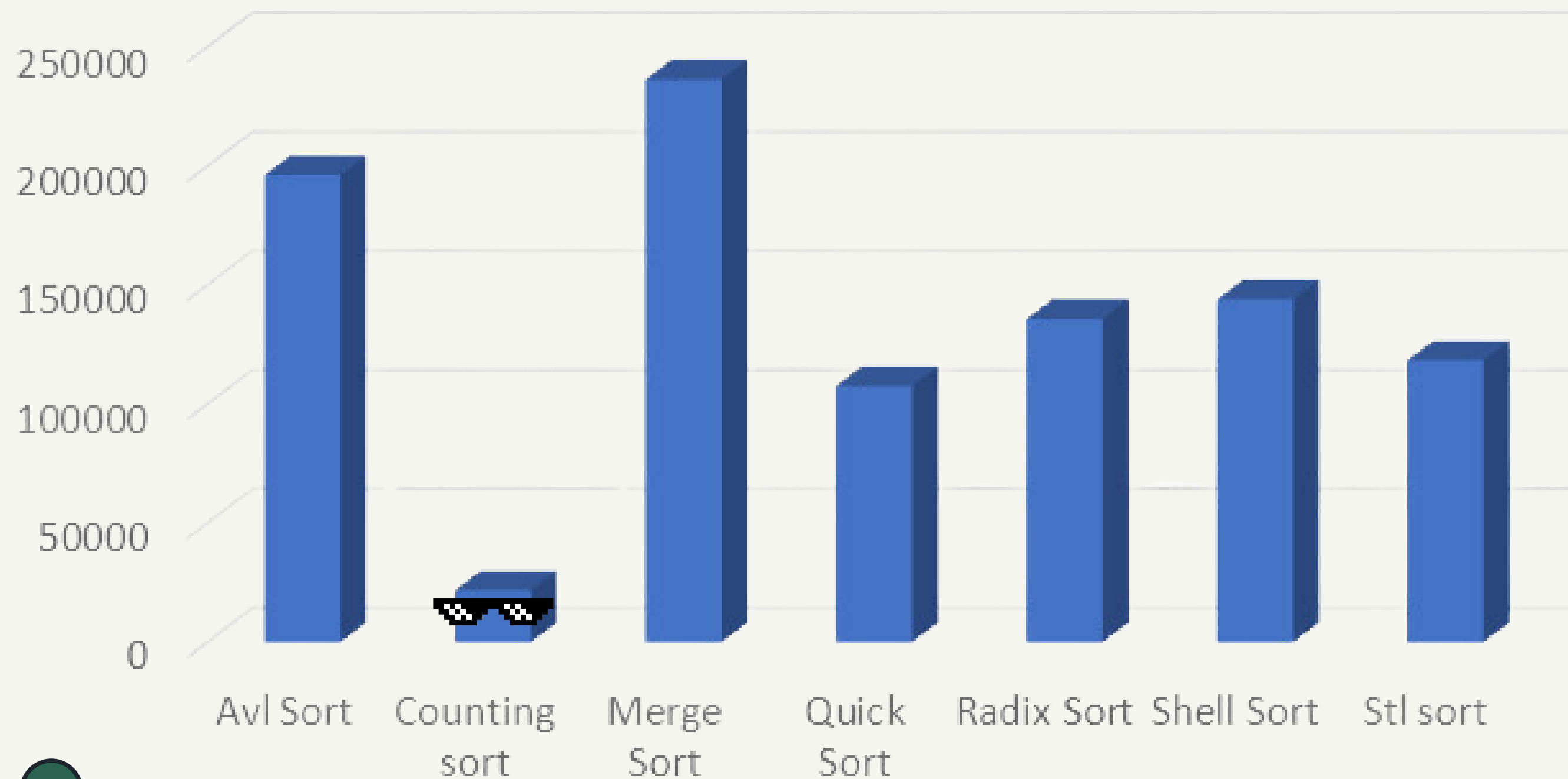
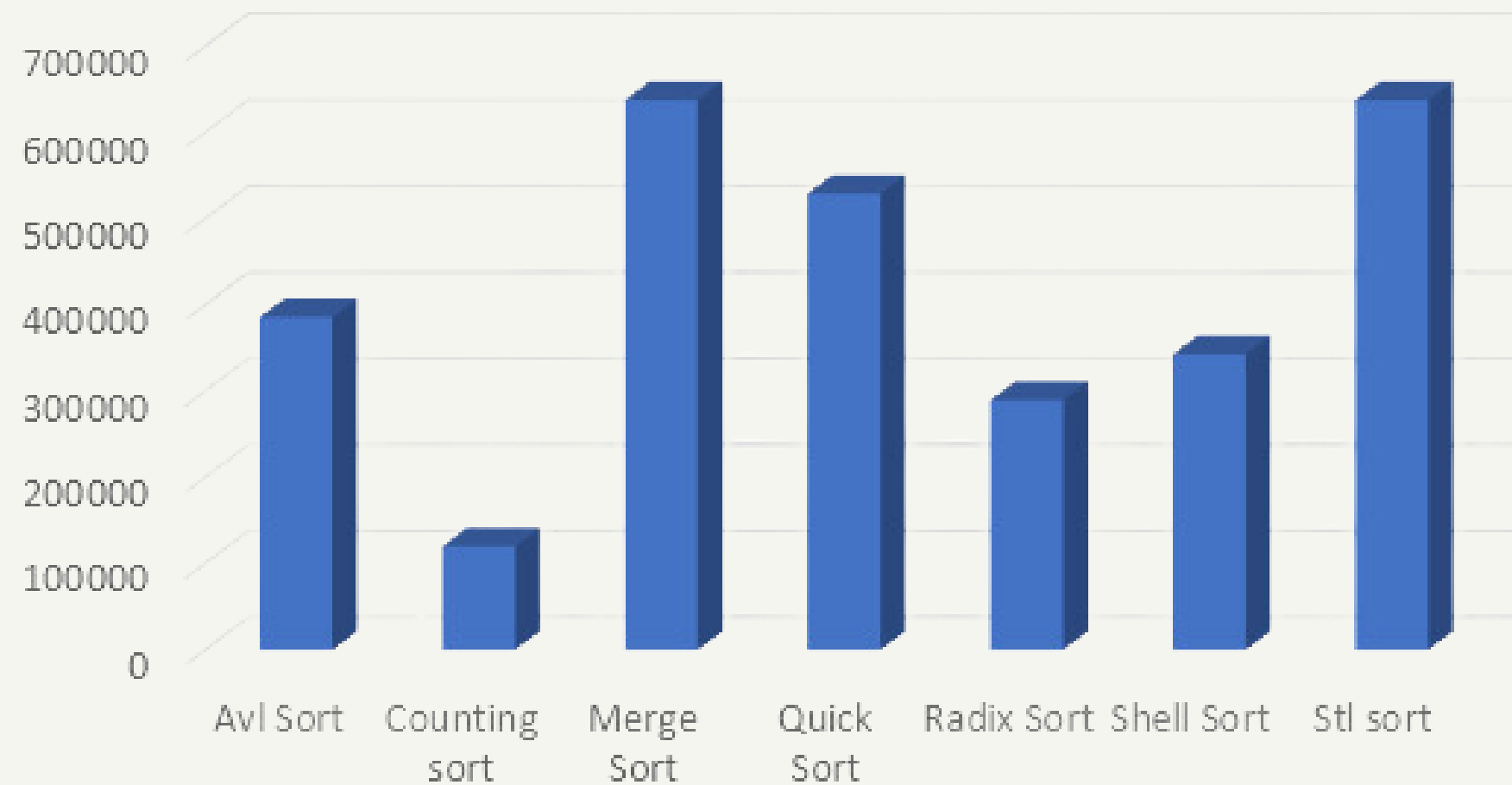


Teste $n = 10^3$, Max = 10^3



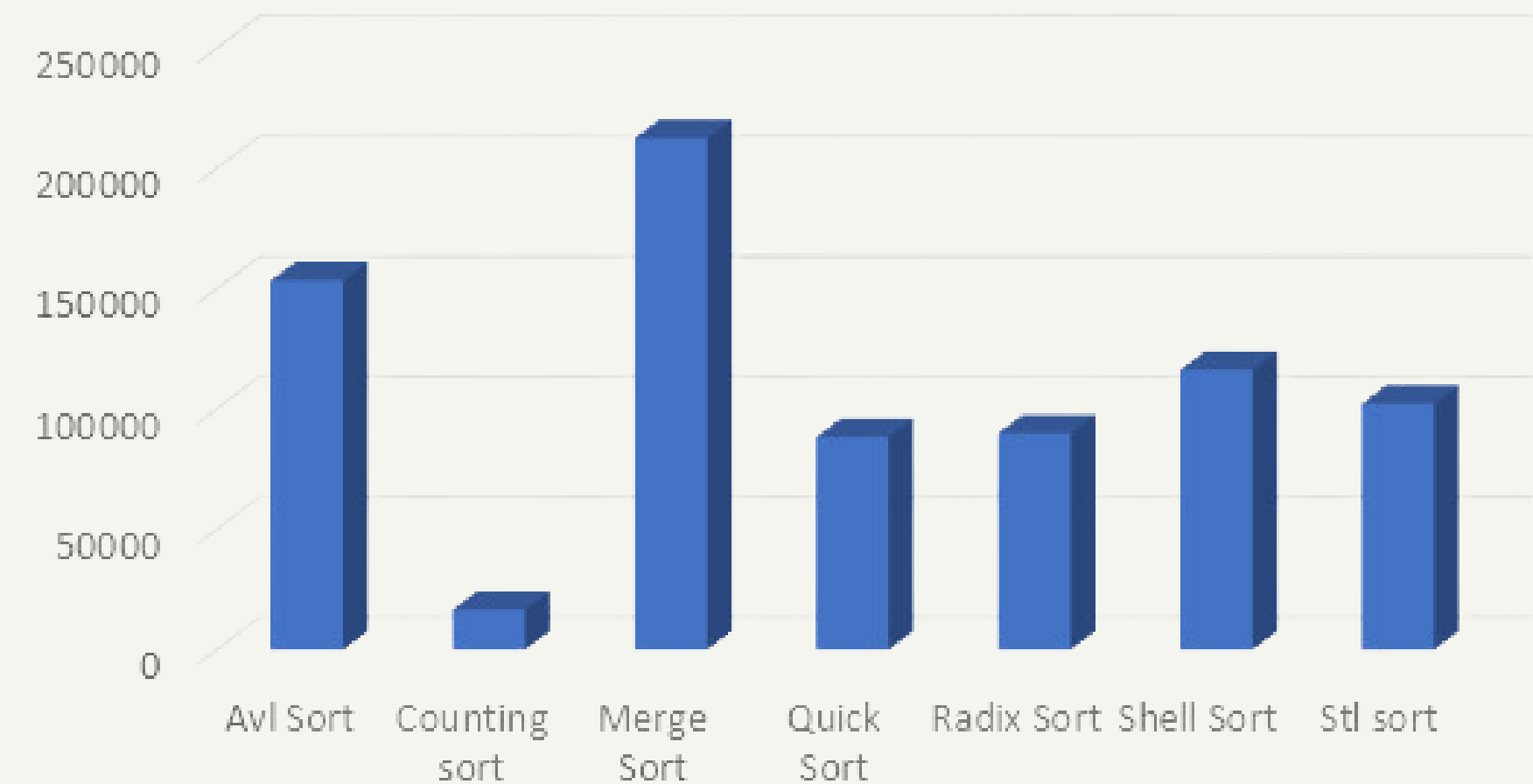
Worst case

Teste $n = 10^3$, Max = 10^3

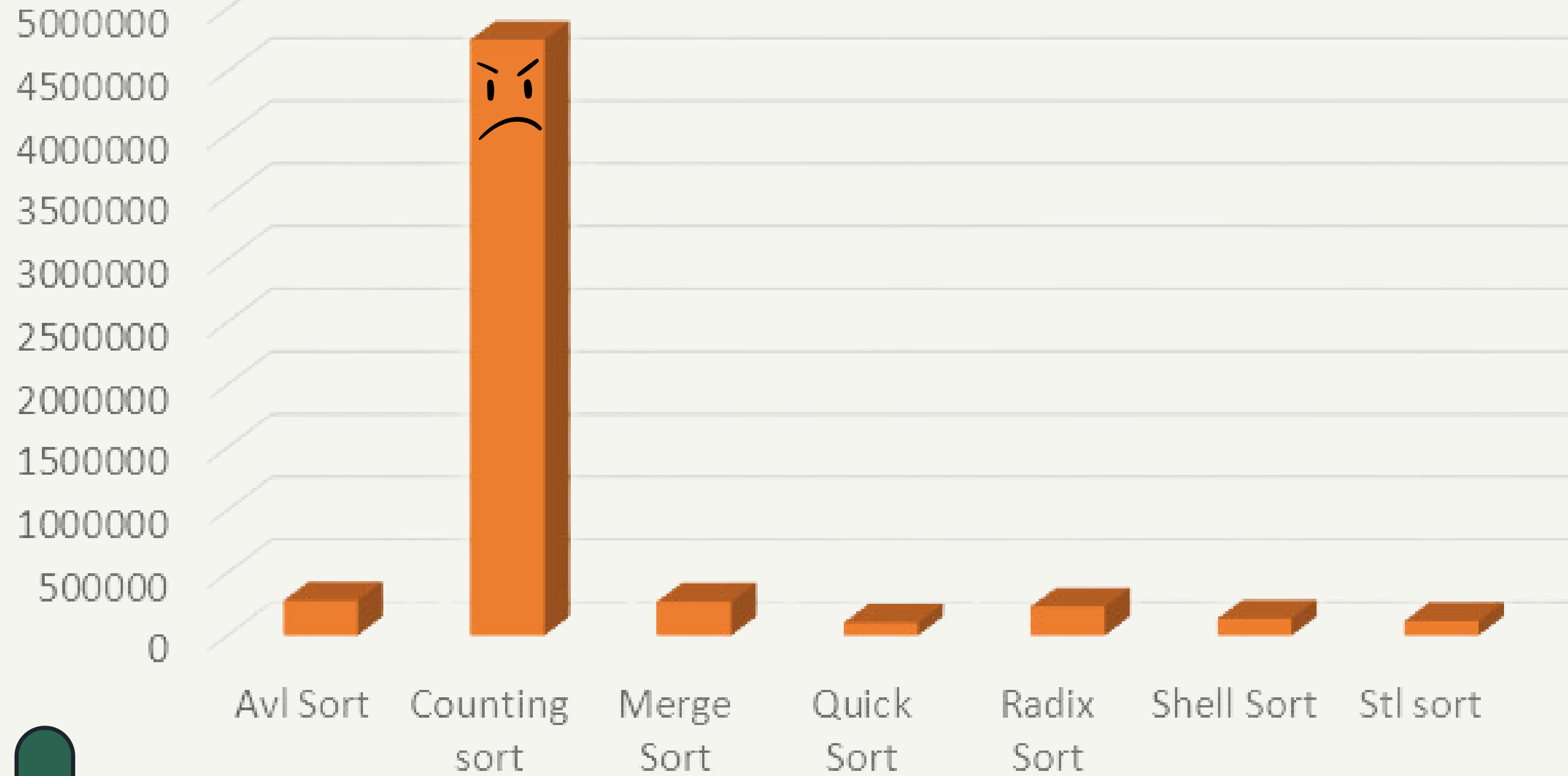


Best Case

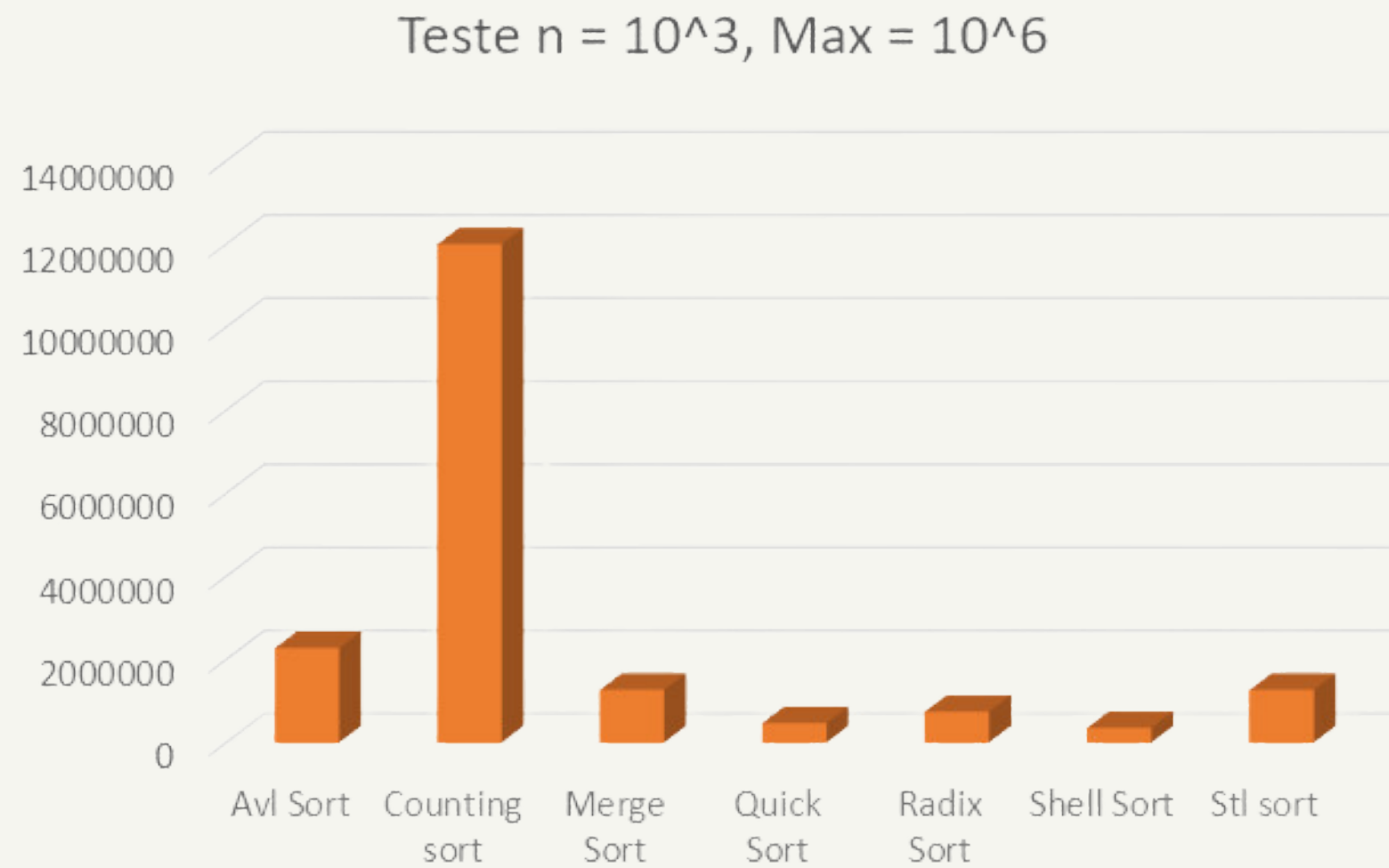
Teste $n = 10^3$, Max = 10^3



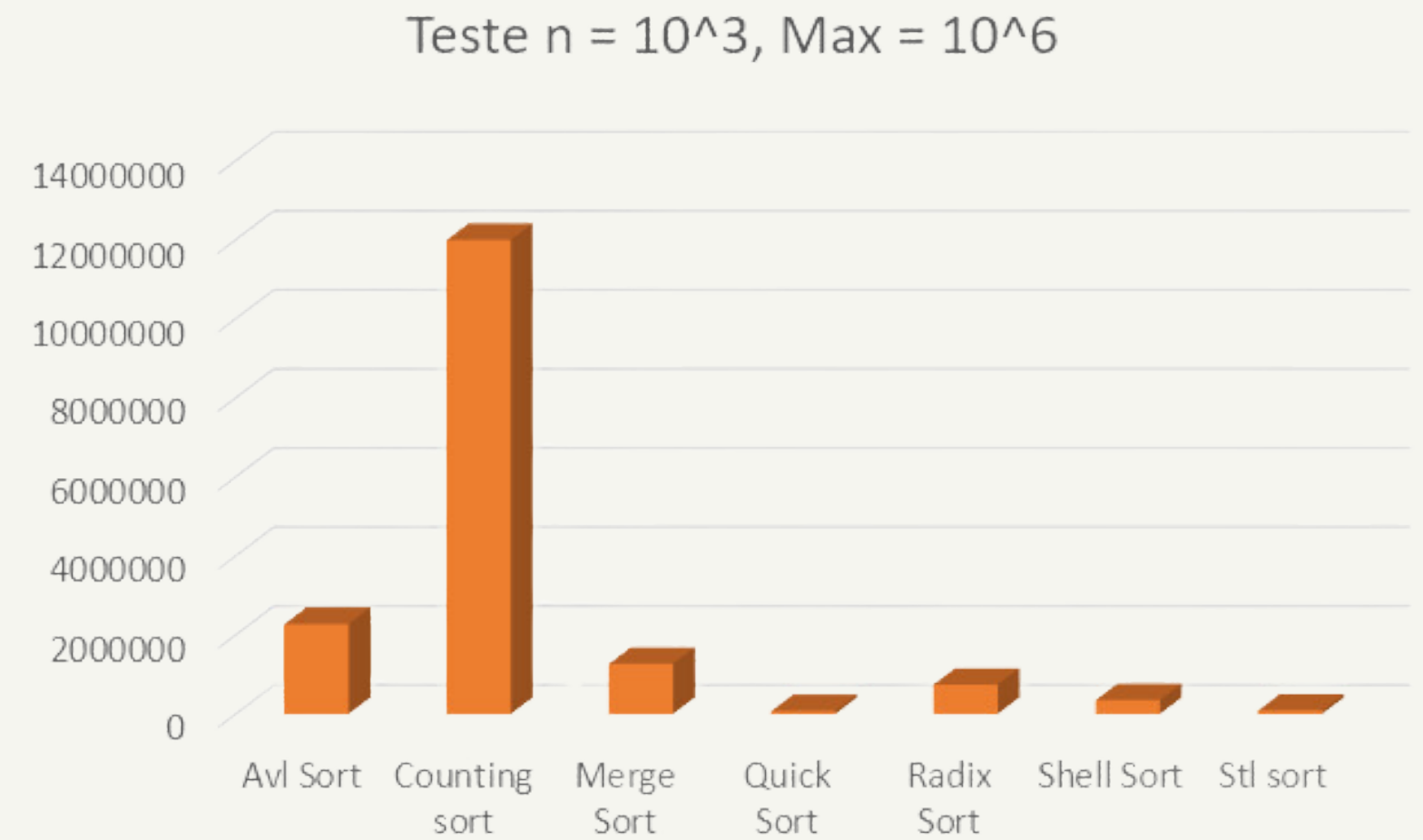
Teste $n = 10^3$, Max = 10^6

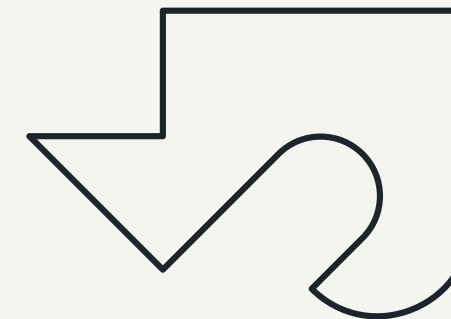
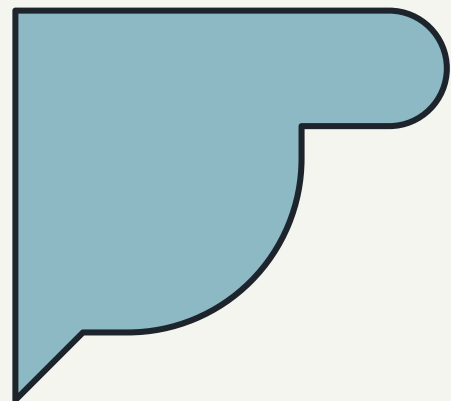


Worst case

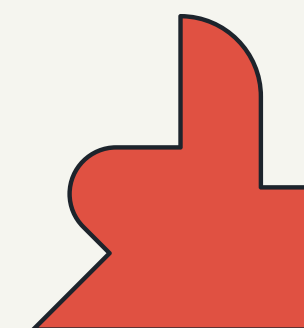
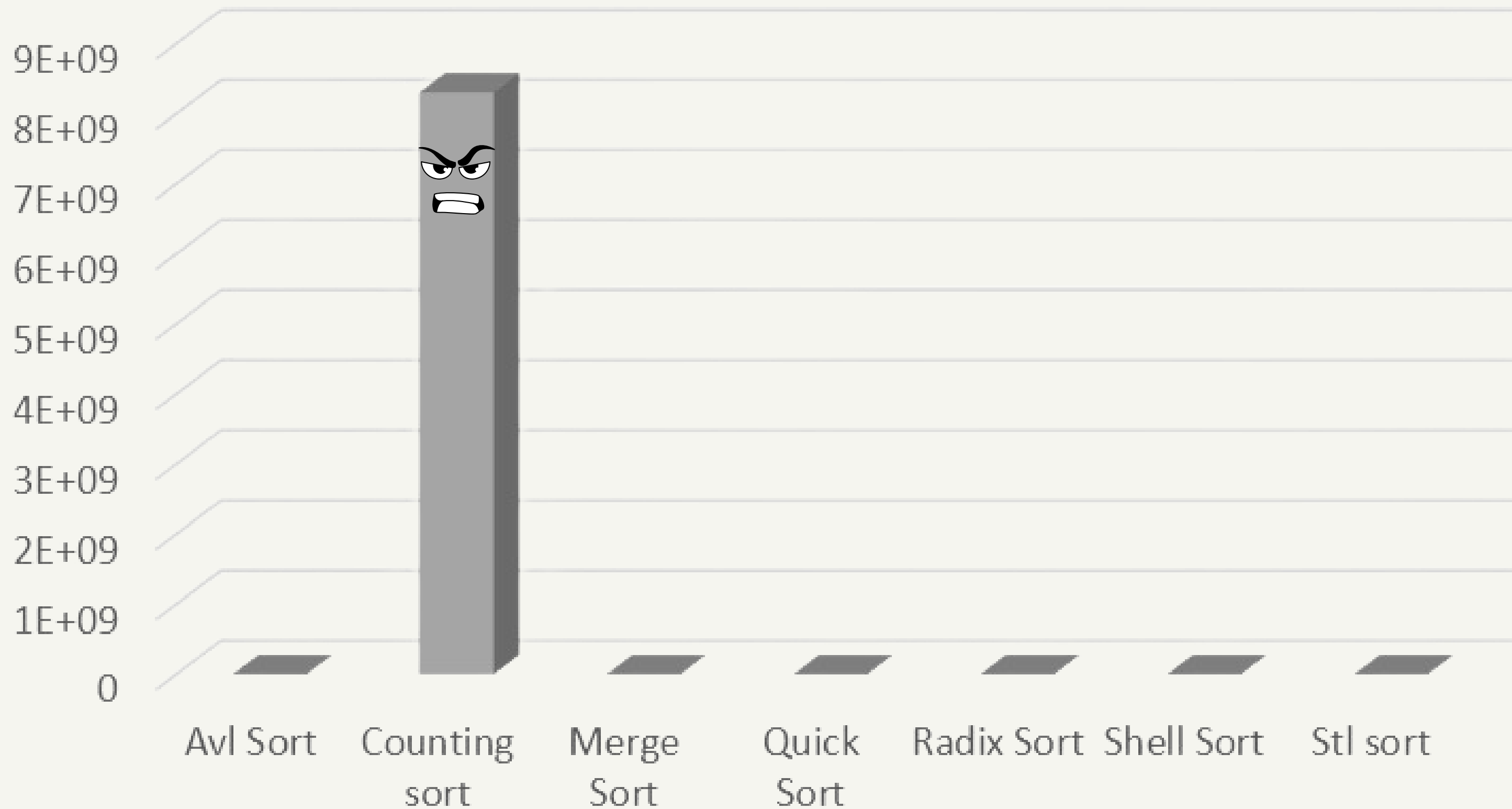


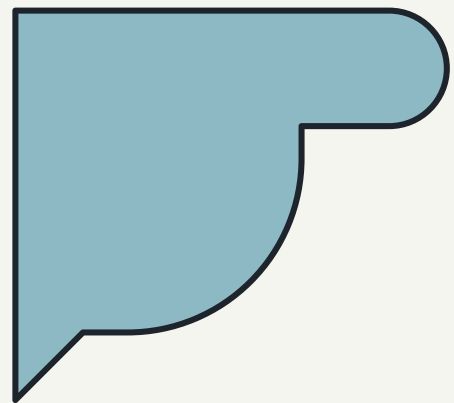
Best Case





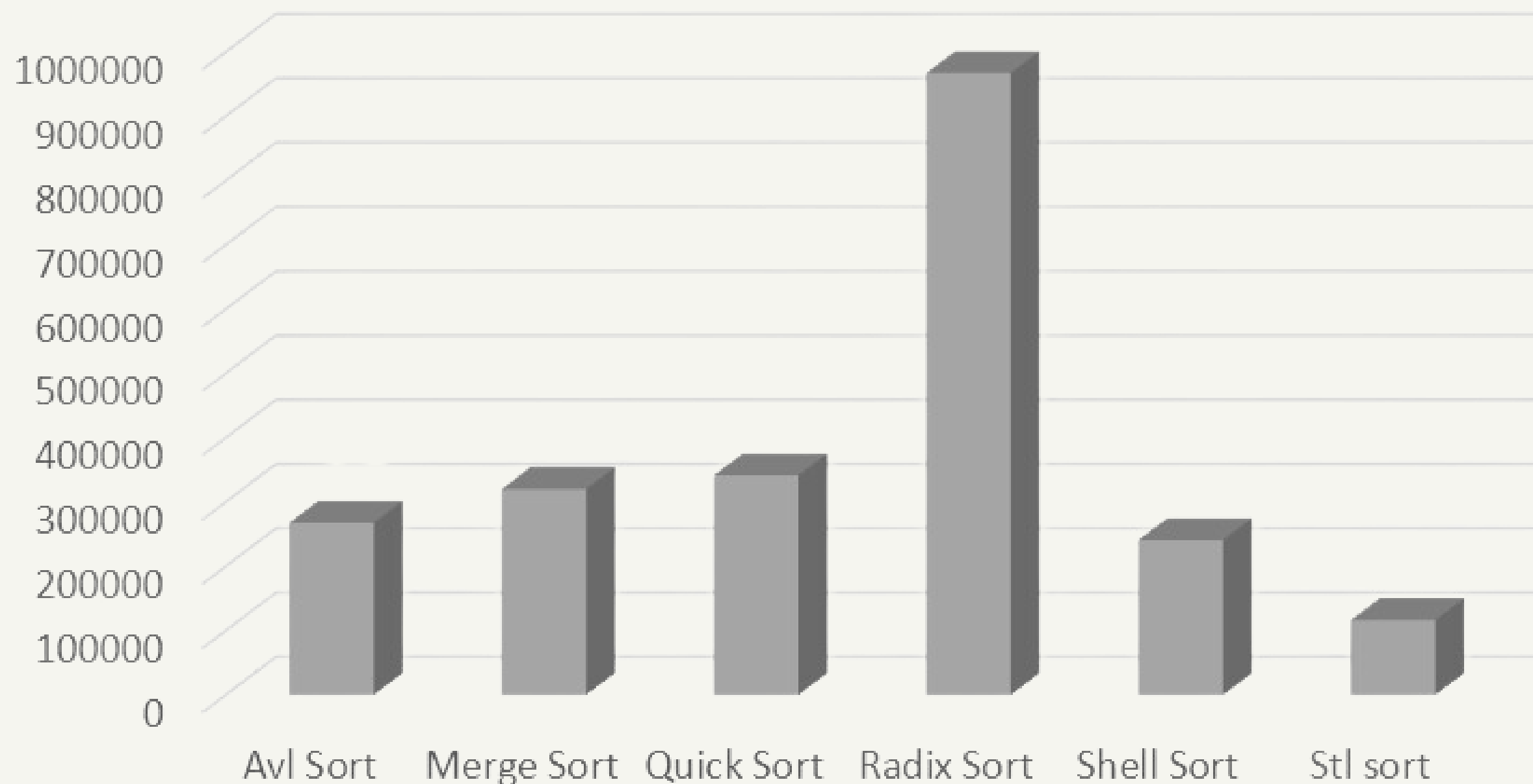
Teste $n = 10^3$, $\text{Max} = 10^9$



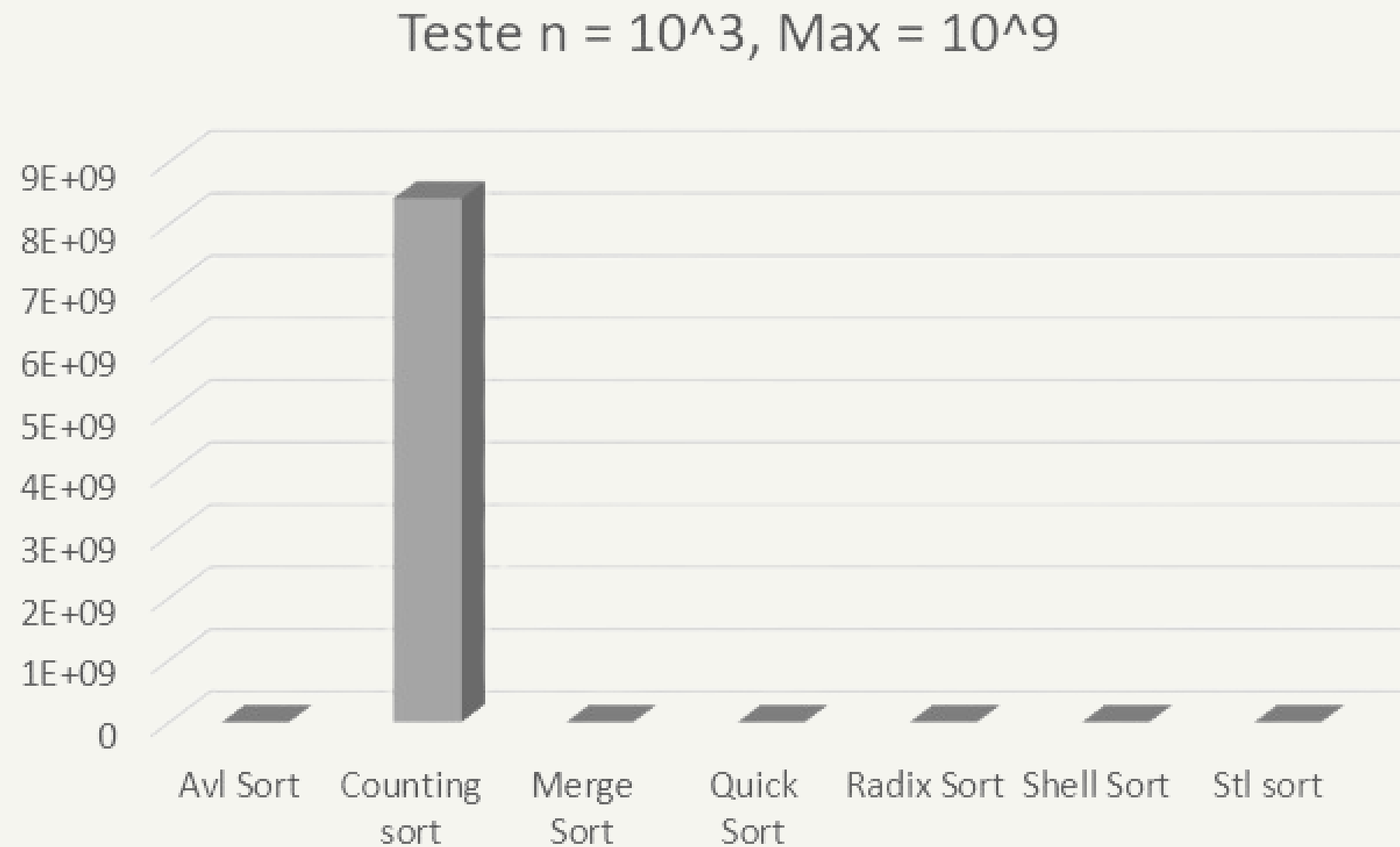


Dar fara counting sort?

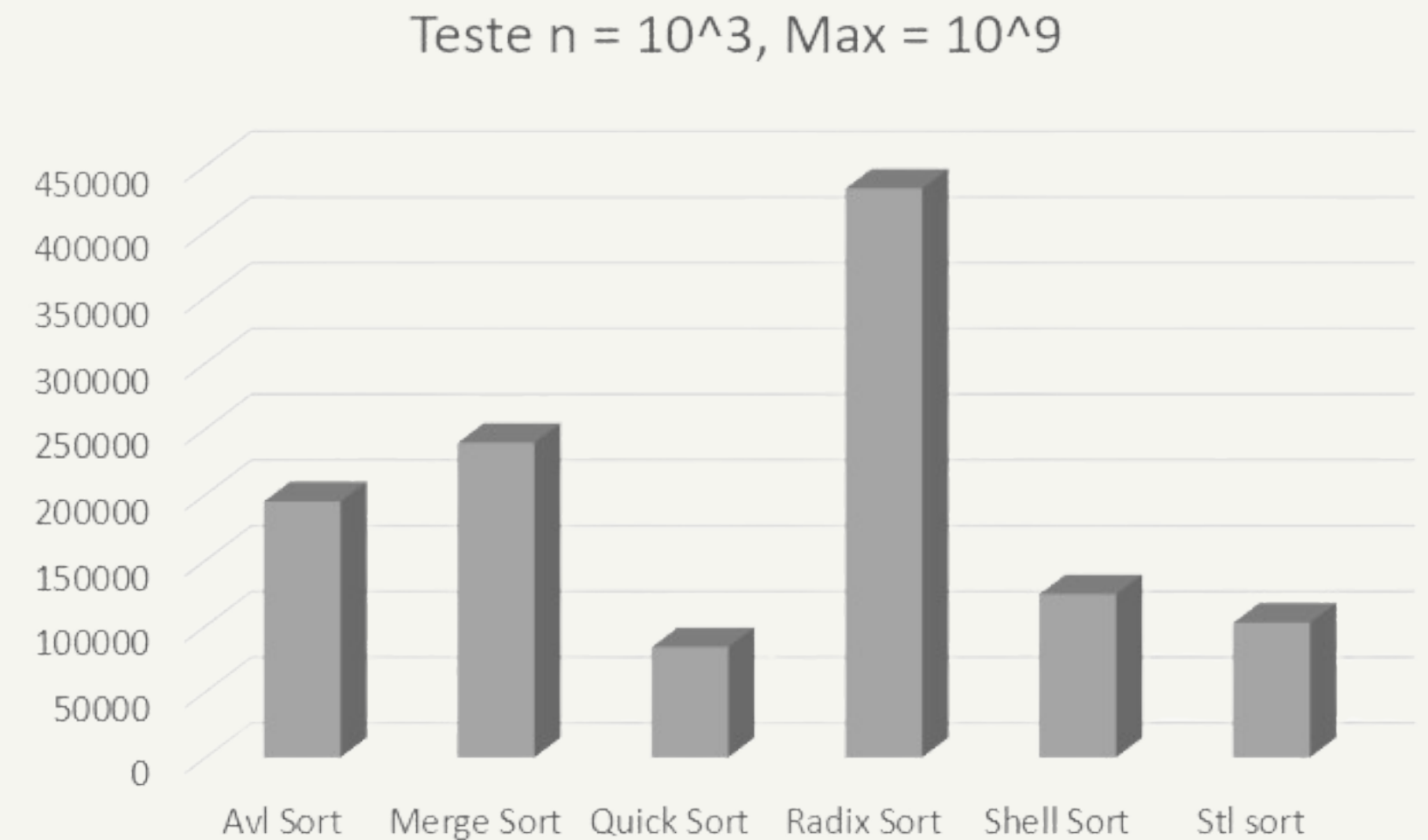
Teste $n = 10^3$, Max = 10^9

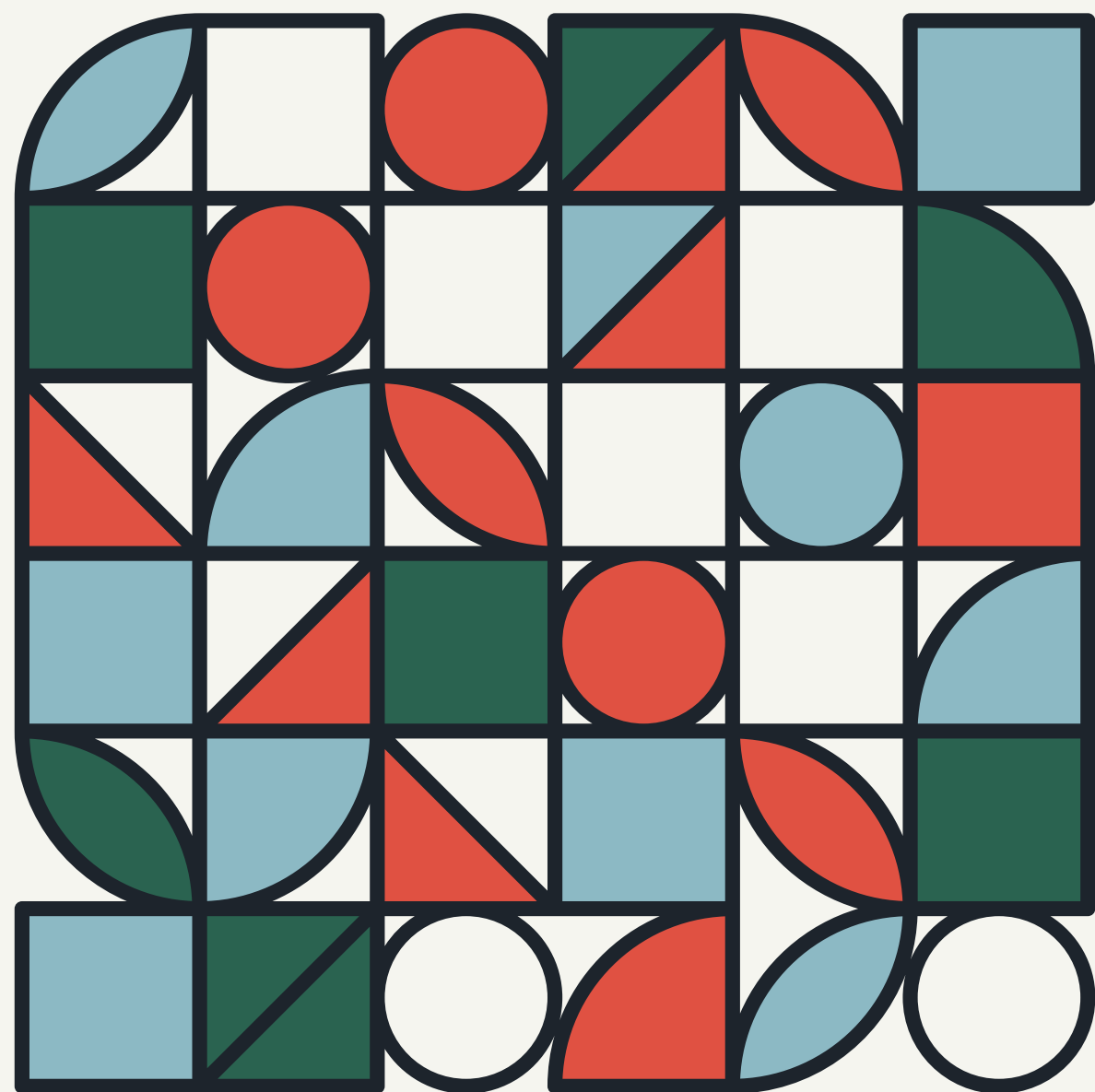


Worst case

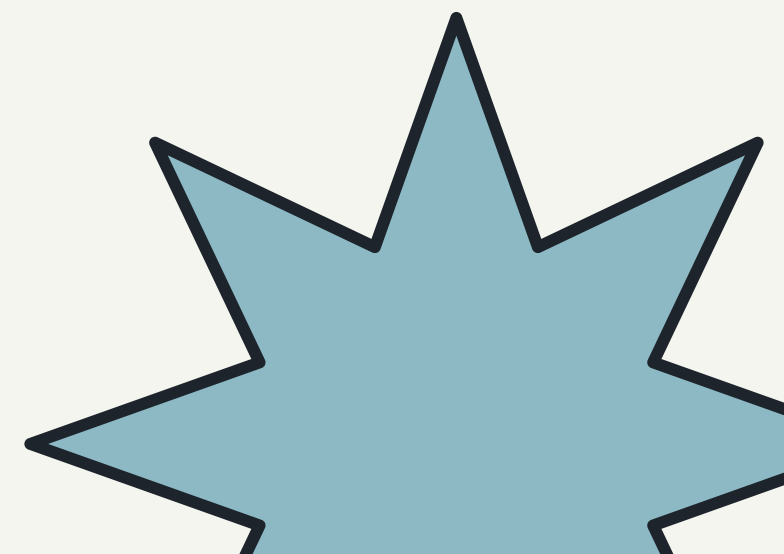
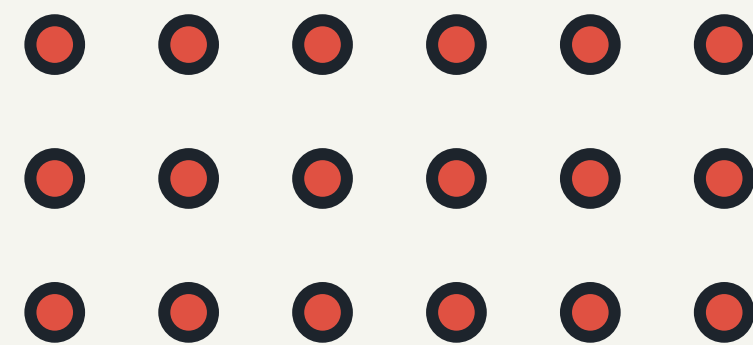


Best Case





**MAI
MULTE
NUMERE?**



Teste n = 10⁶, Max = 10³

4E+09
3.5E+09
3E+09
2.5E+09
2E+09
1.5E+09
1E+09
500000000
0

Avl Sort

Counting
sort

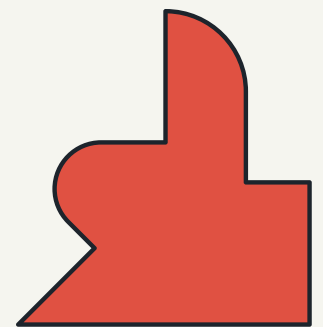
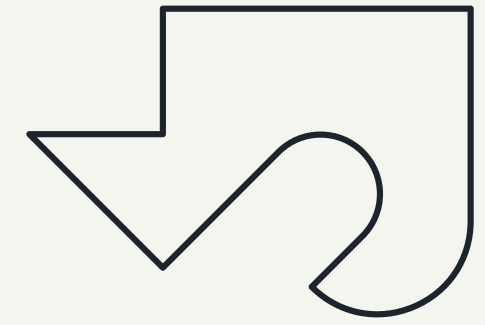
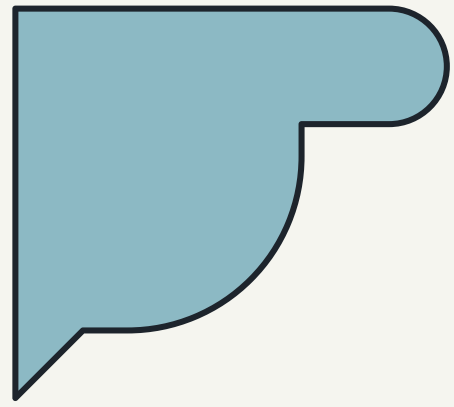
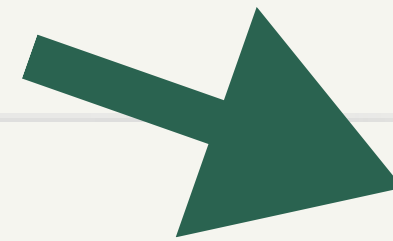
Merge
Sort

Quick
Sort

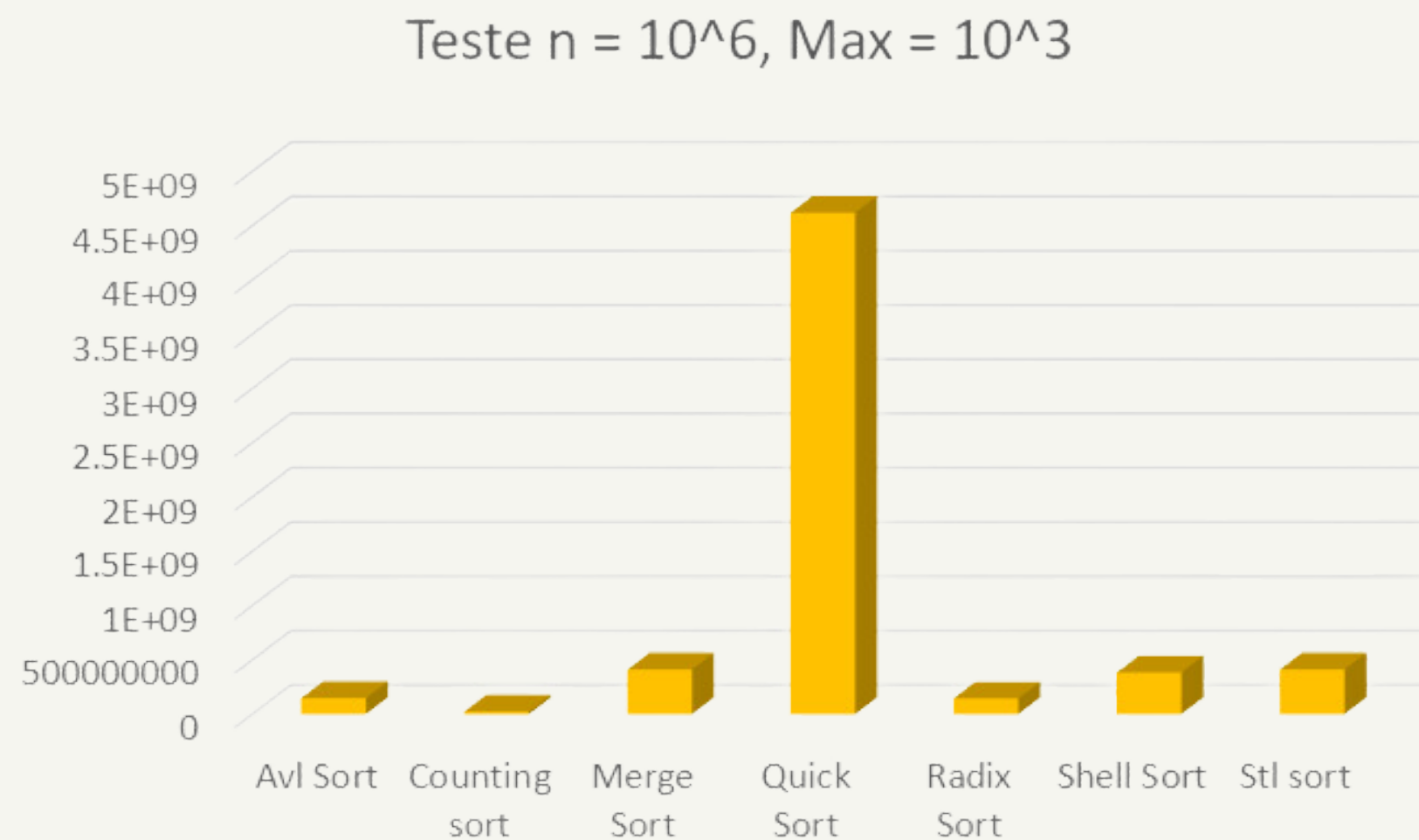
Radix
Sort

Shell Sort

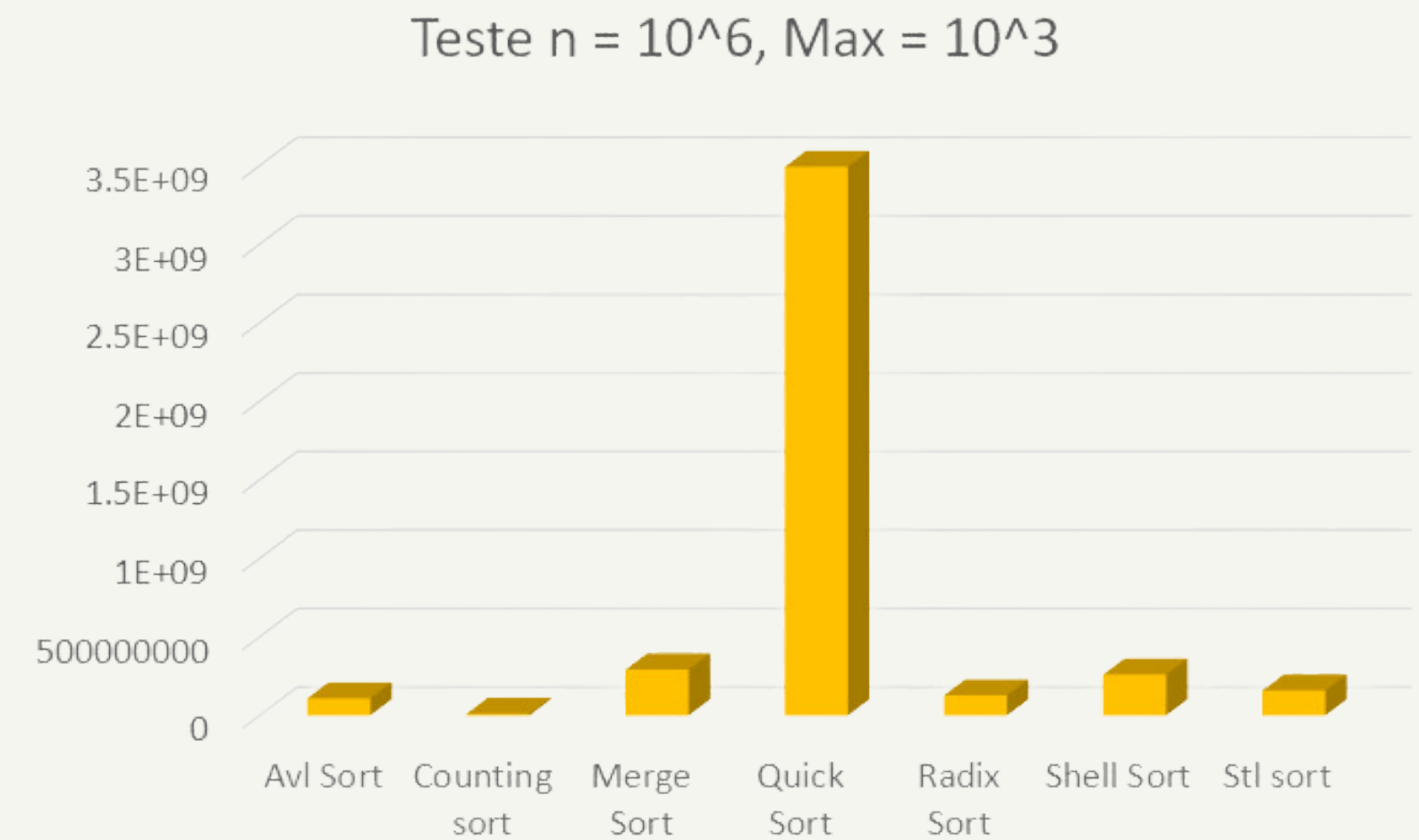
Stl sort



Worst case

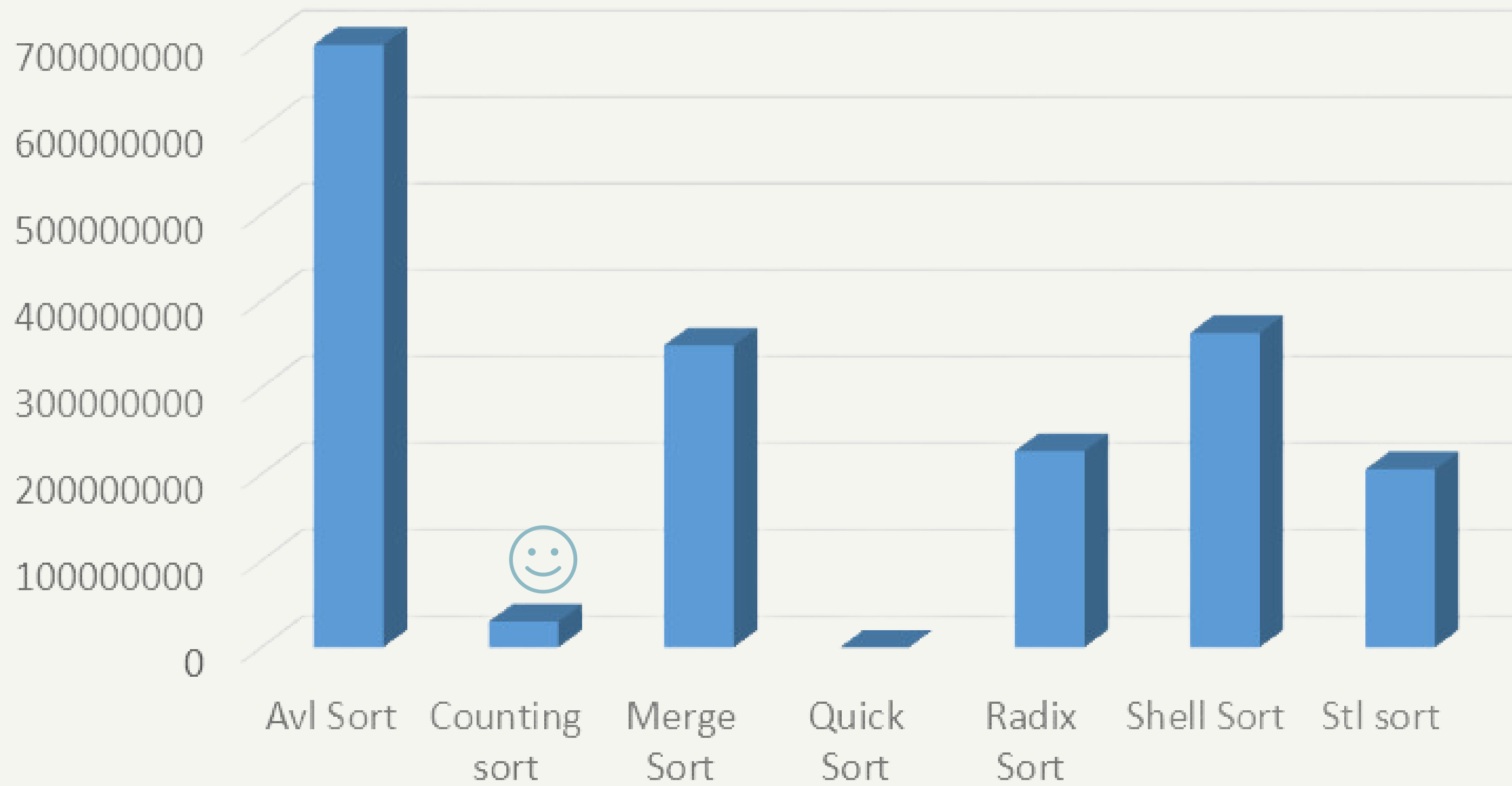
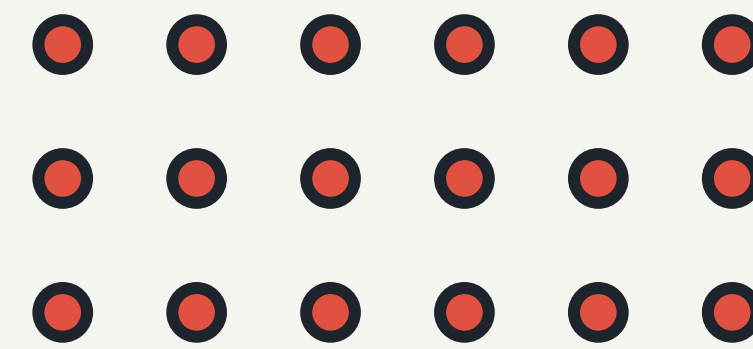


Best Case

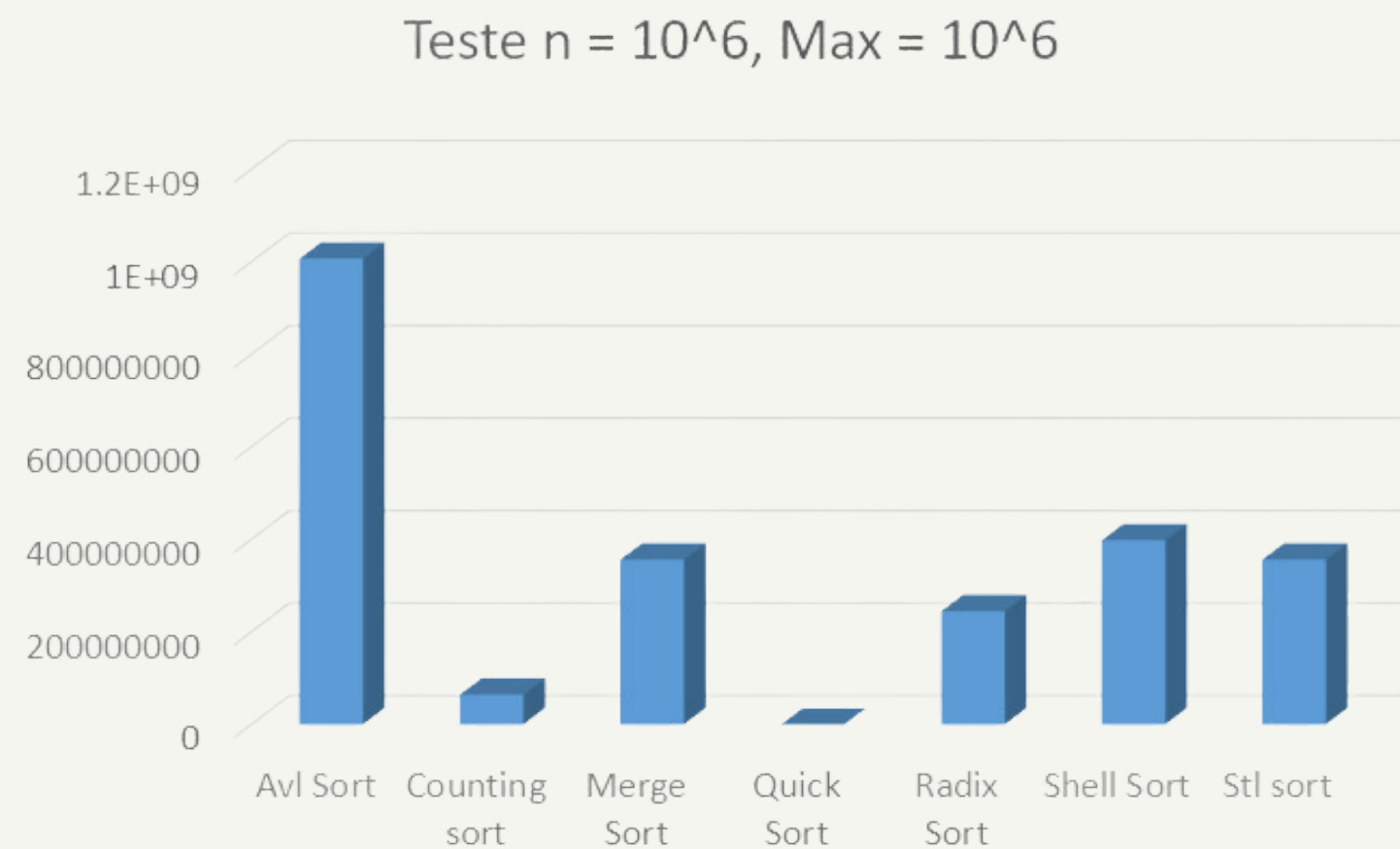


e doar un pivot...

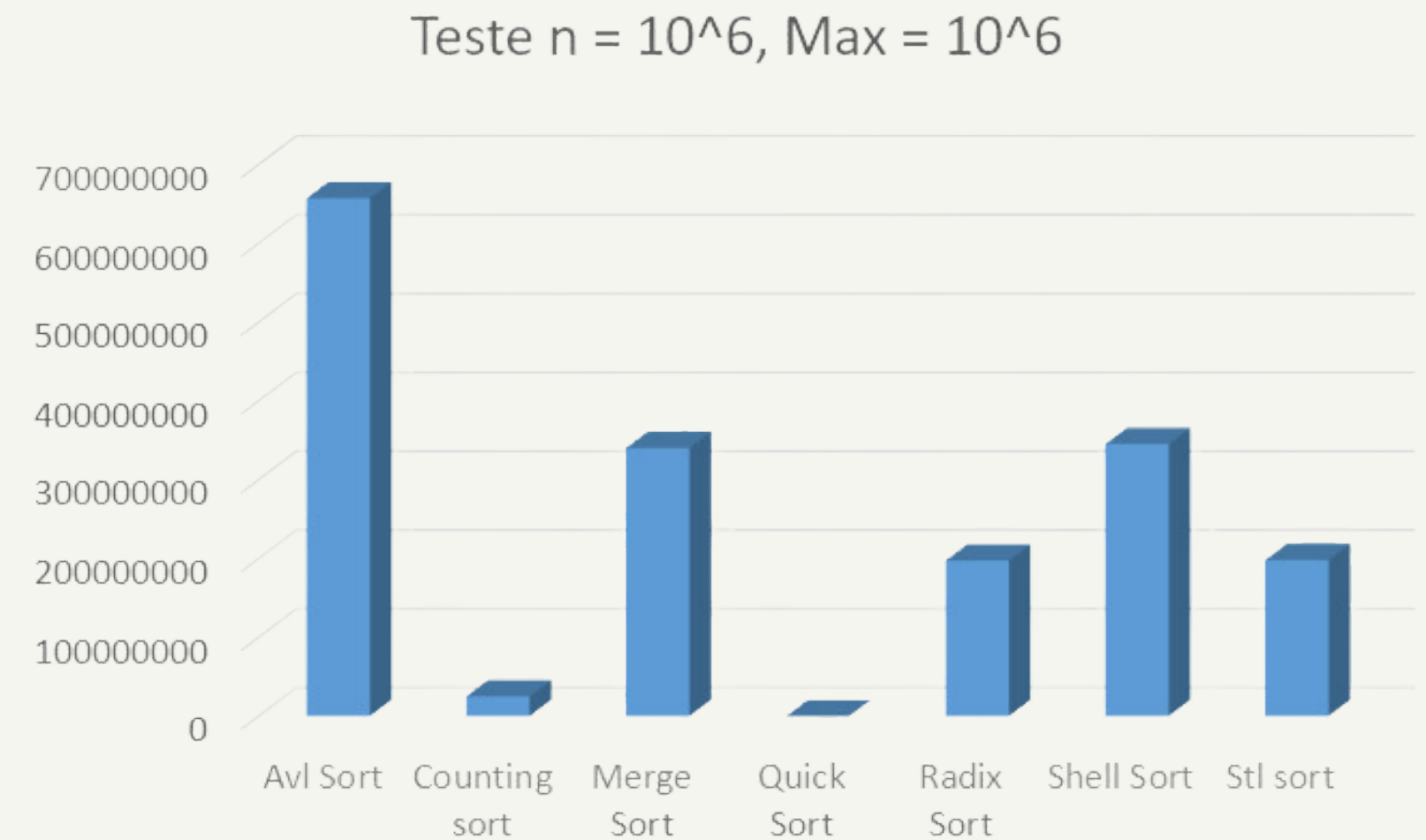
Teste $n = 10^6$, $\text{Max} = 10^6$



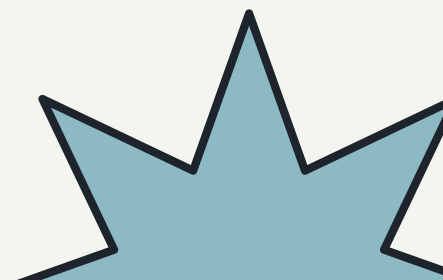
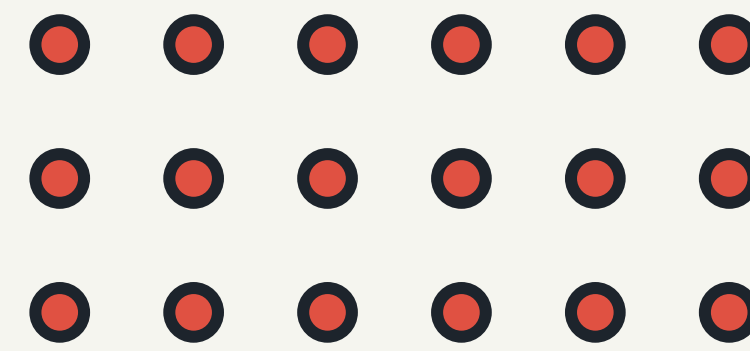
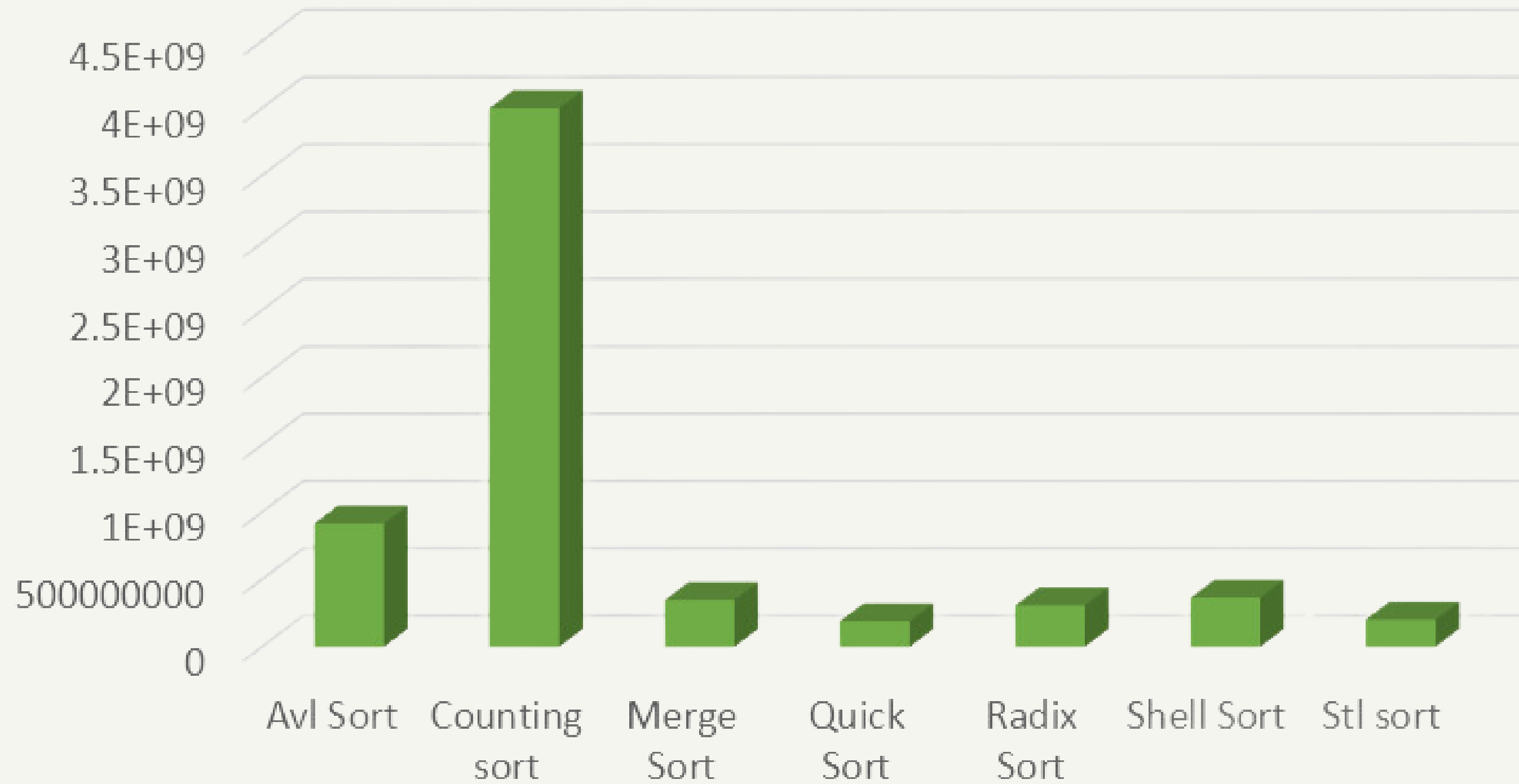
Worst case



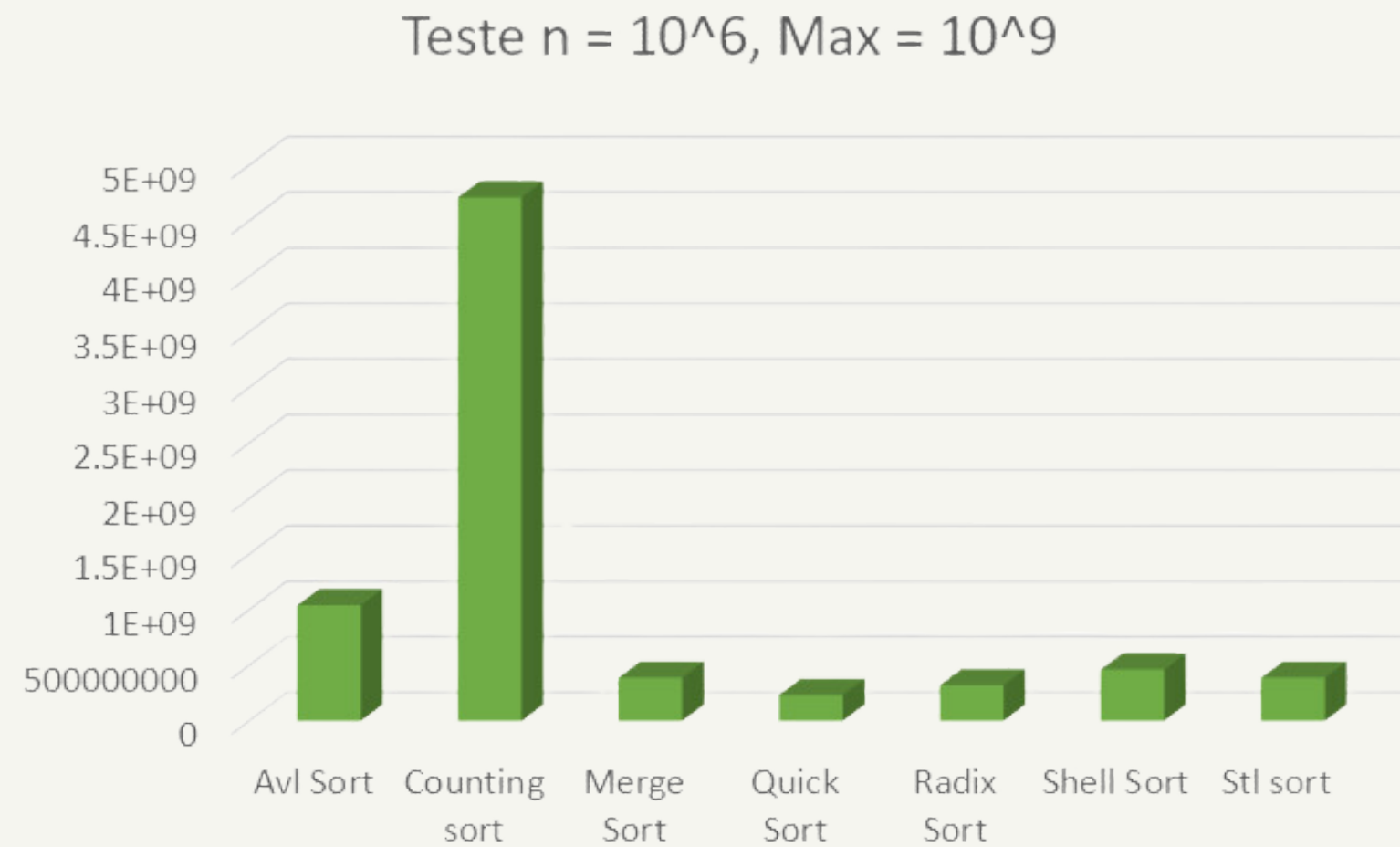
Best Case



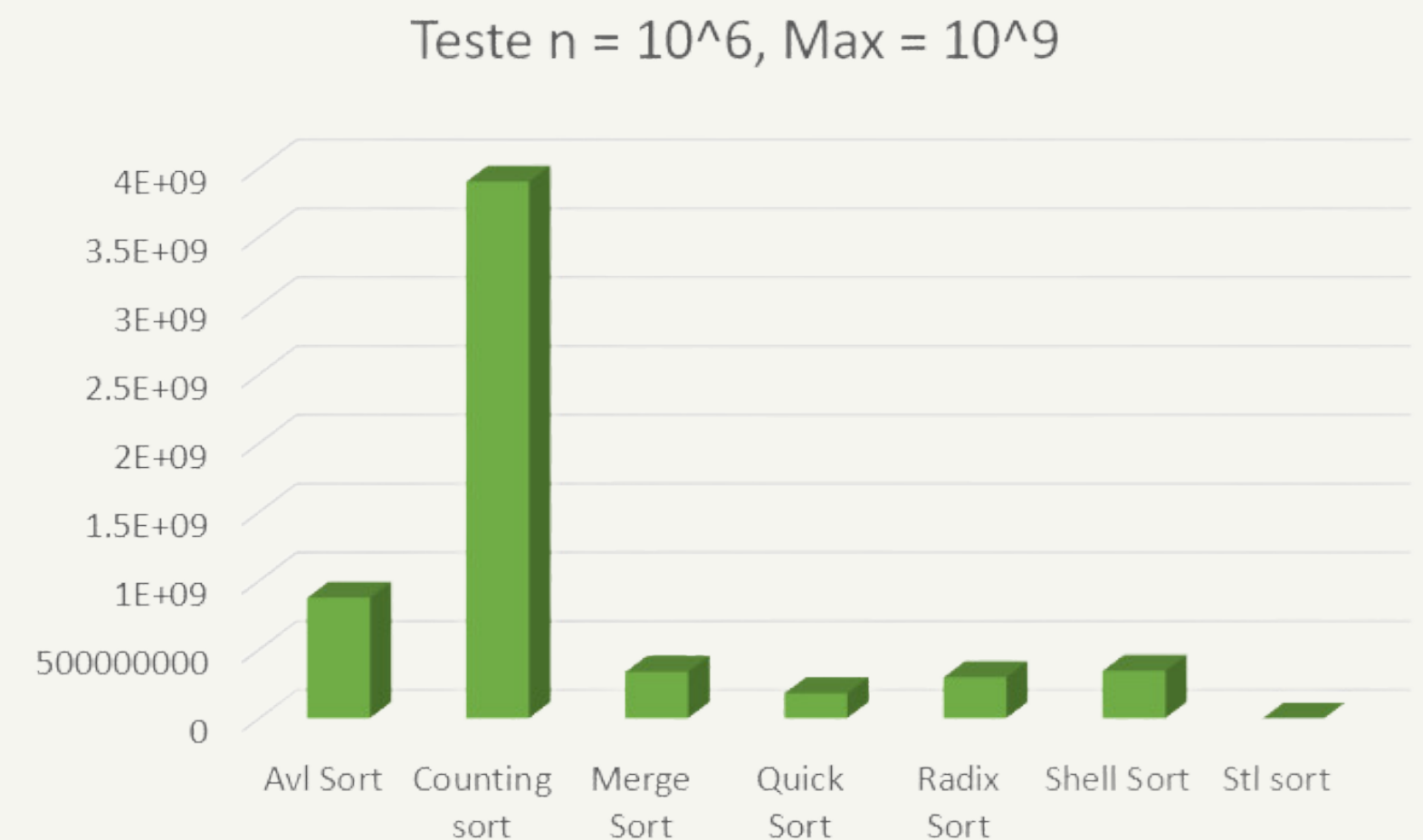
Teste $n = 10^6$, $\text{Max} = 10^9$

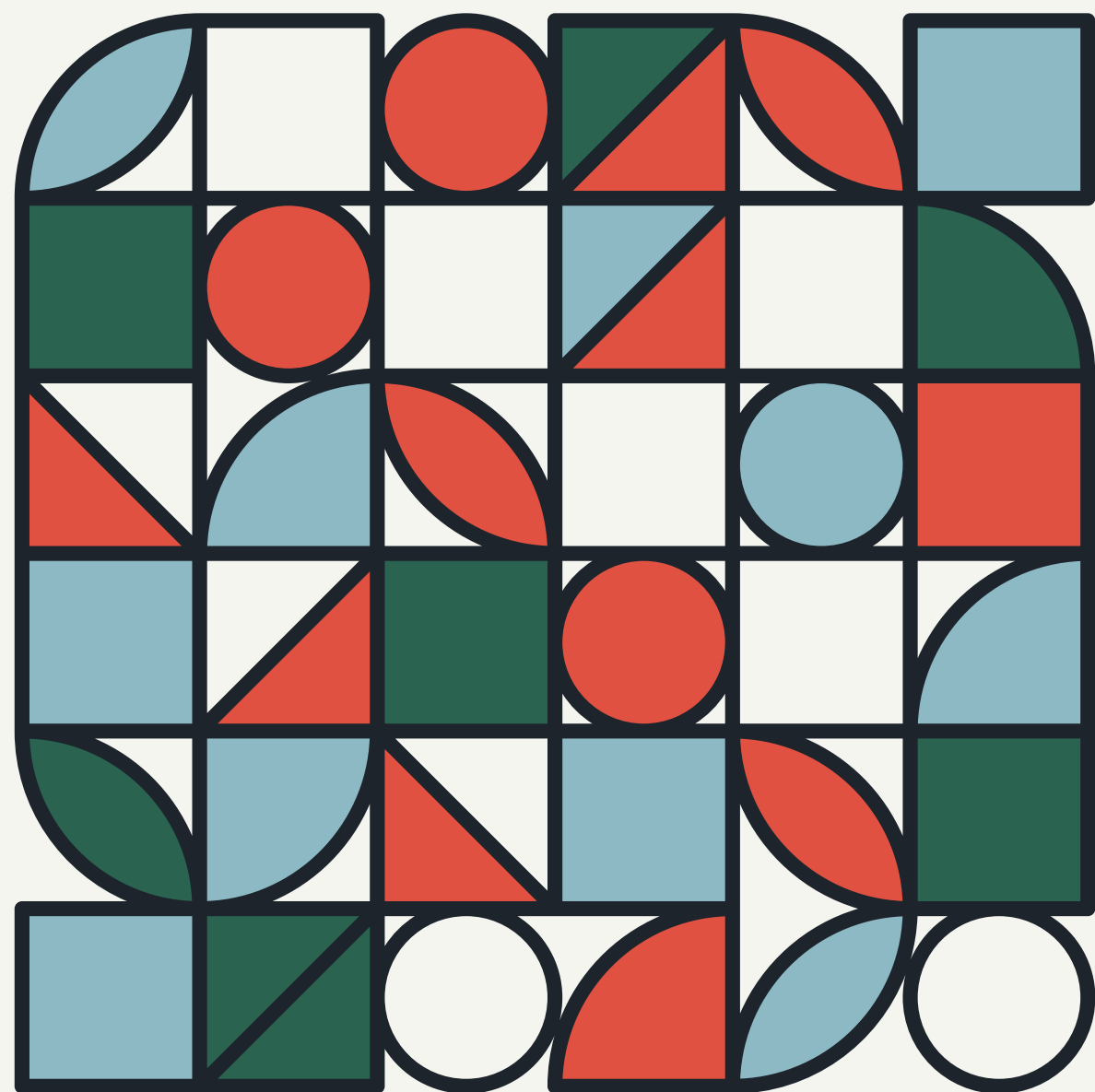


Worst case

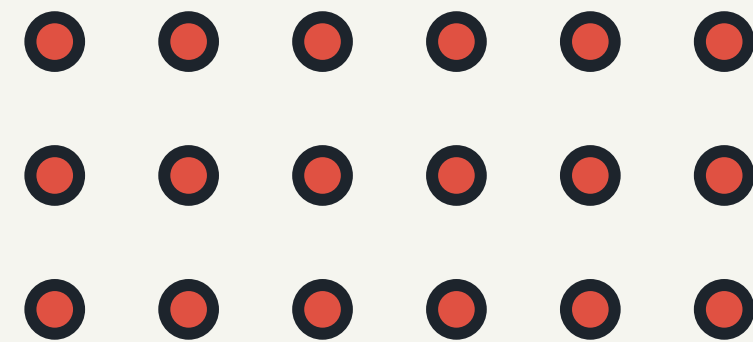


Best Case

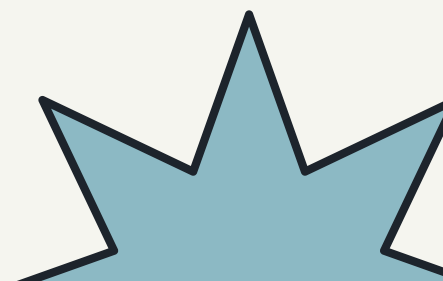
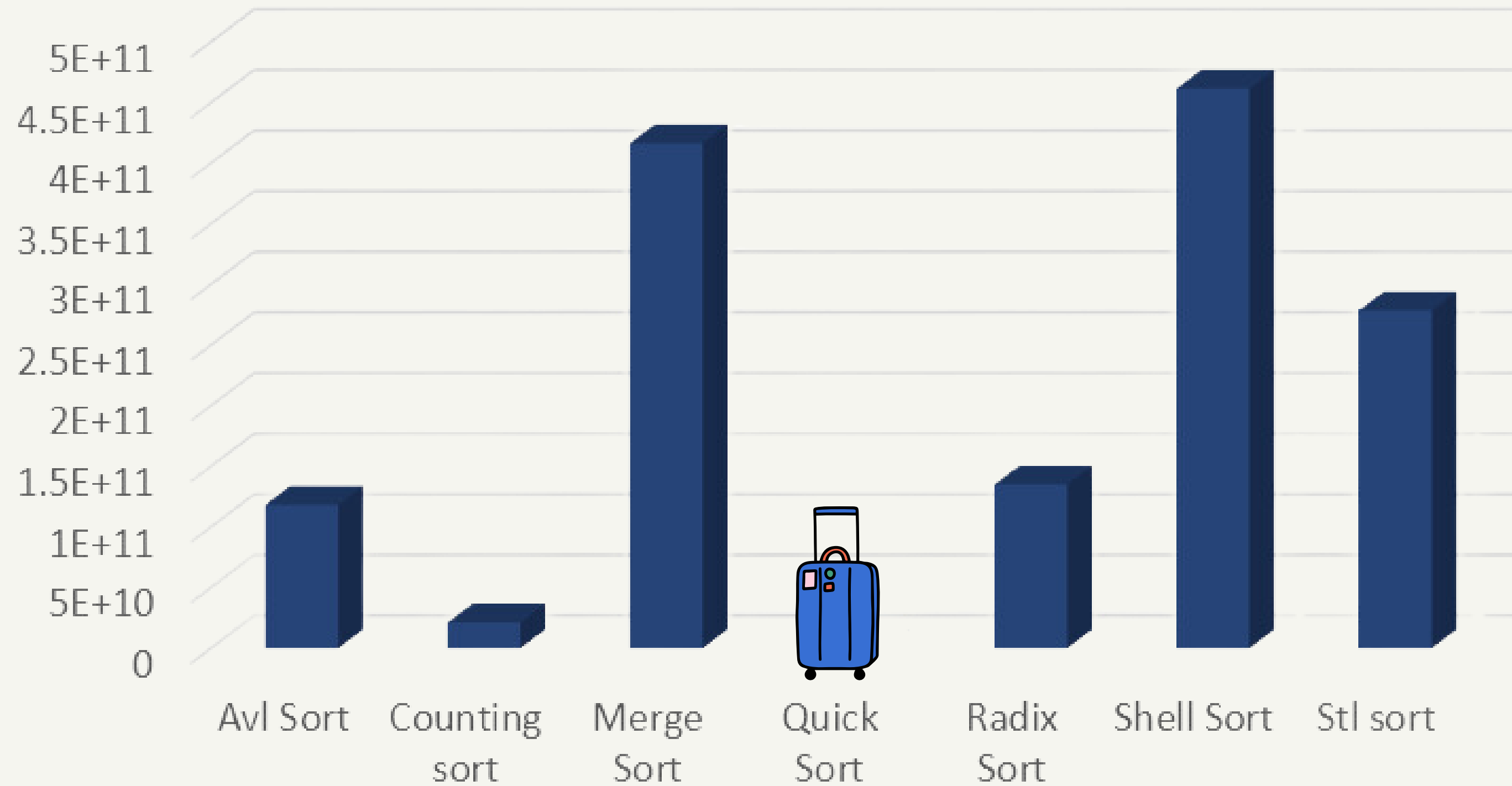
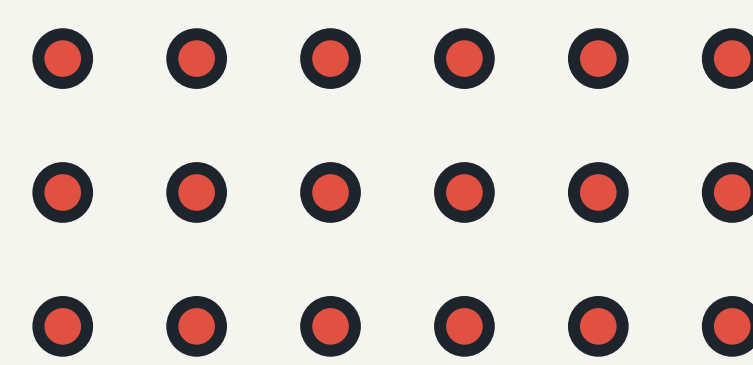




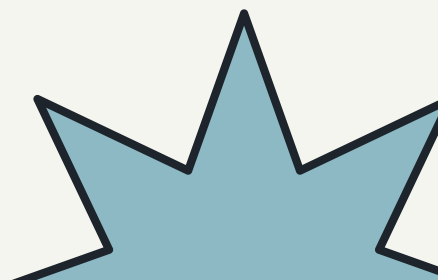
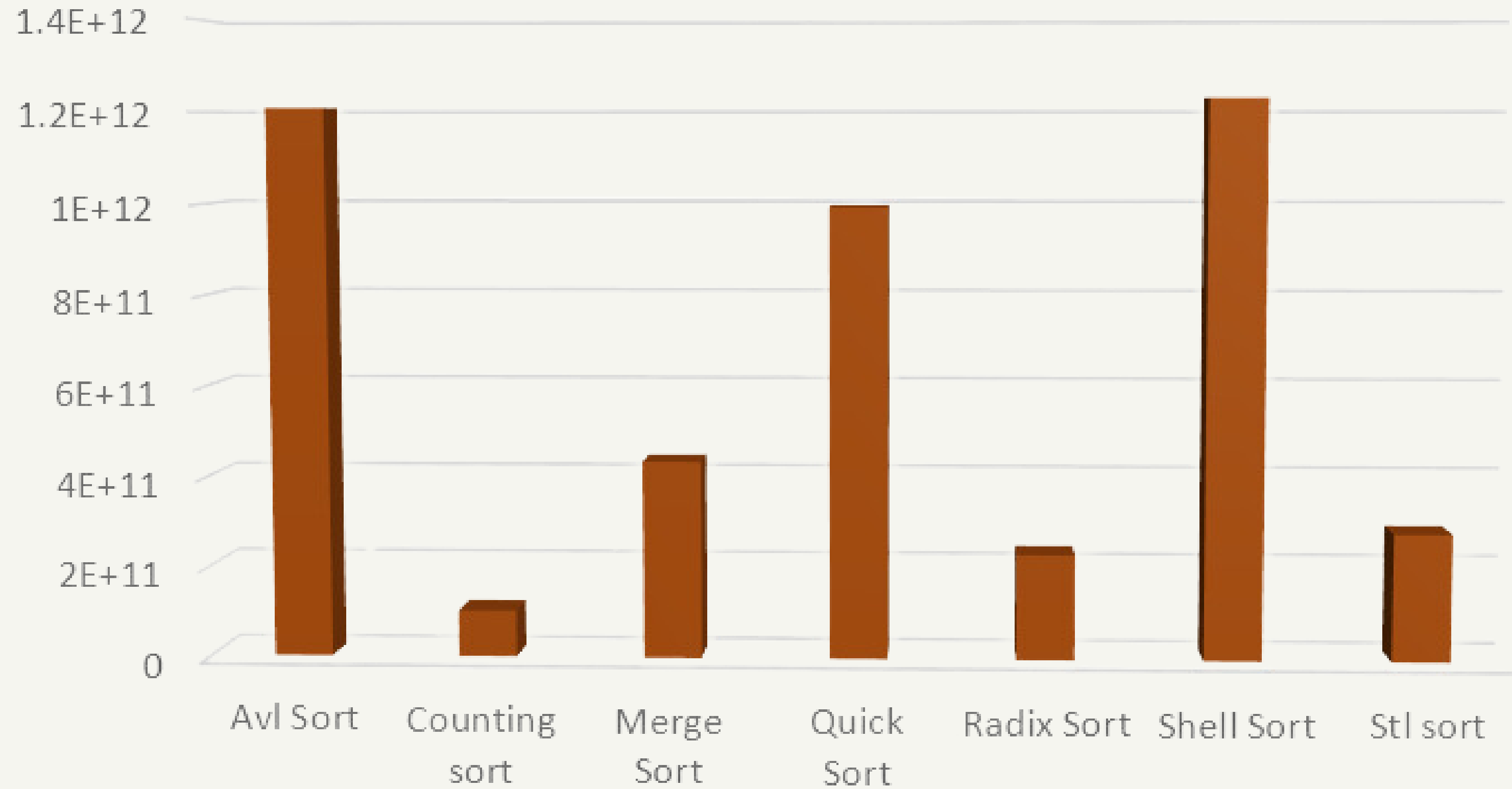
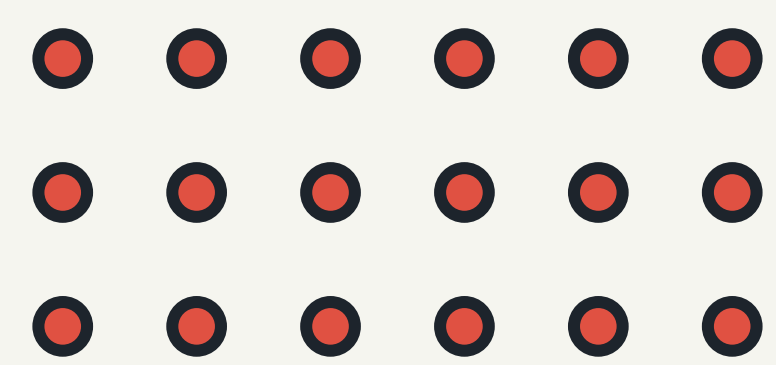
**SI MAI
MULTE
NUMERE...**



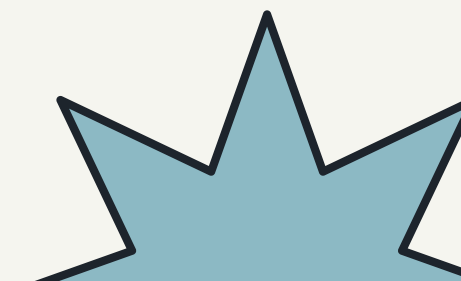
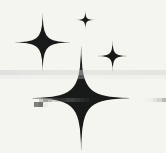
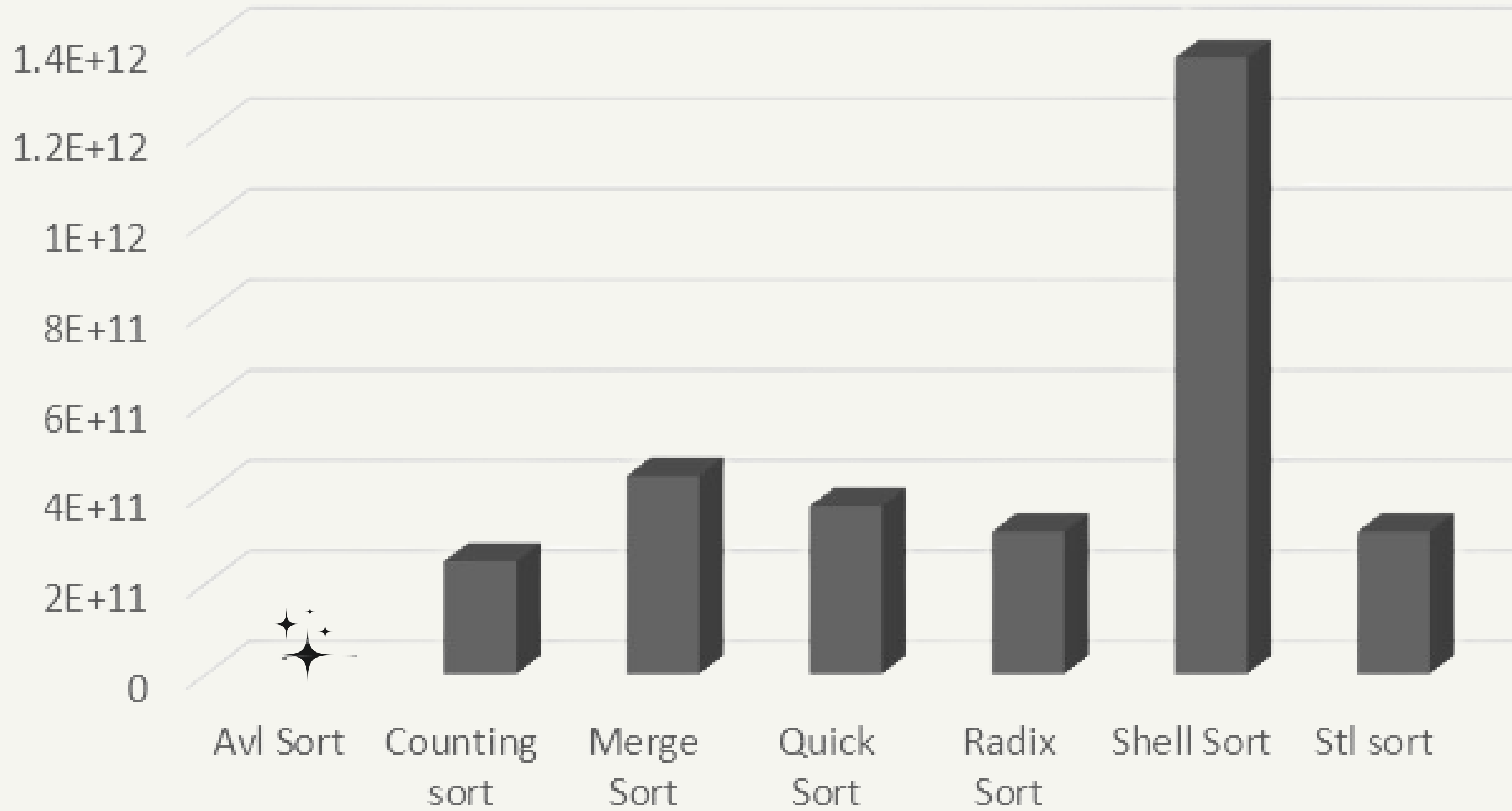
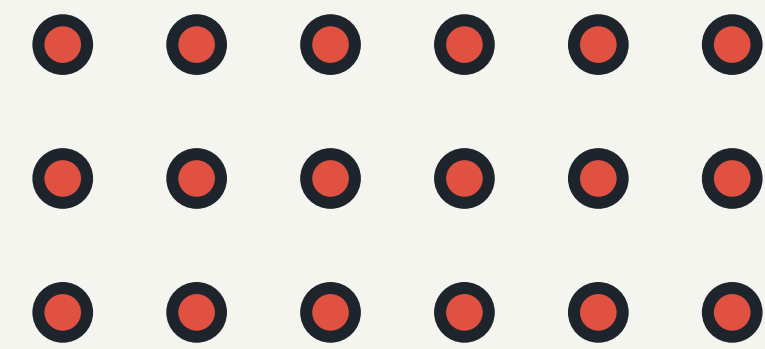
Teste $n = 10^9$, $\text{Max} = 10^3$



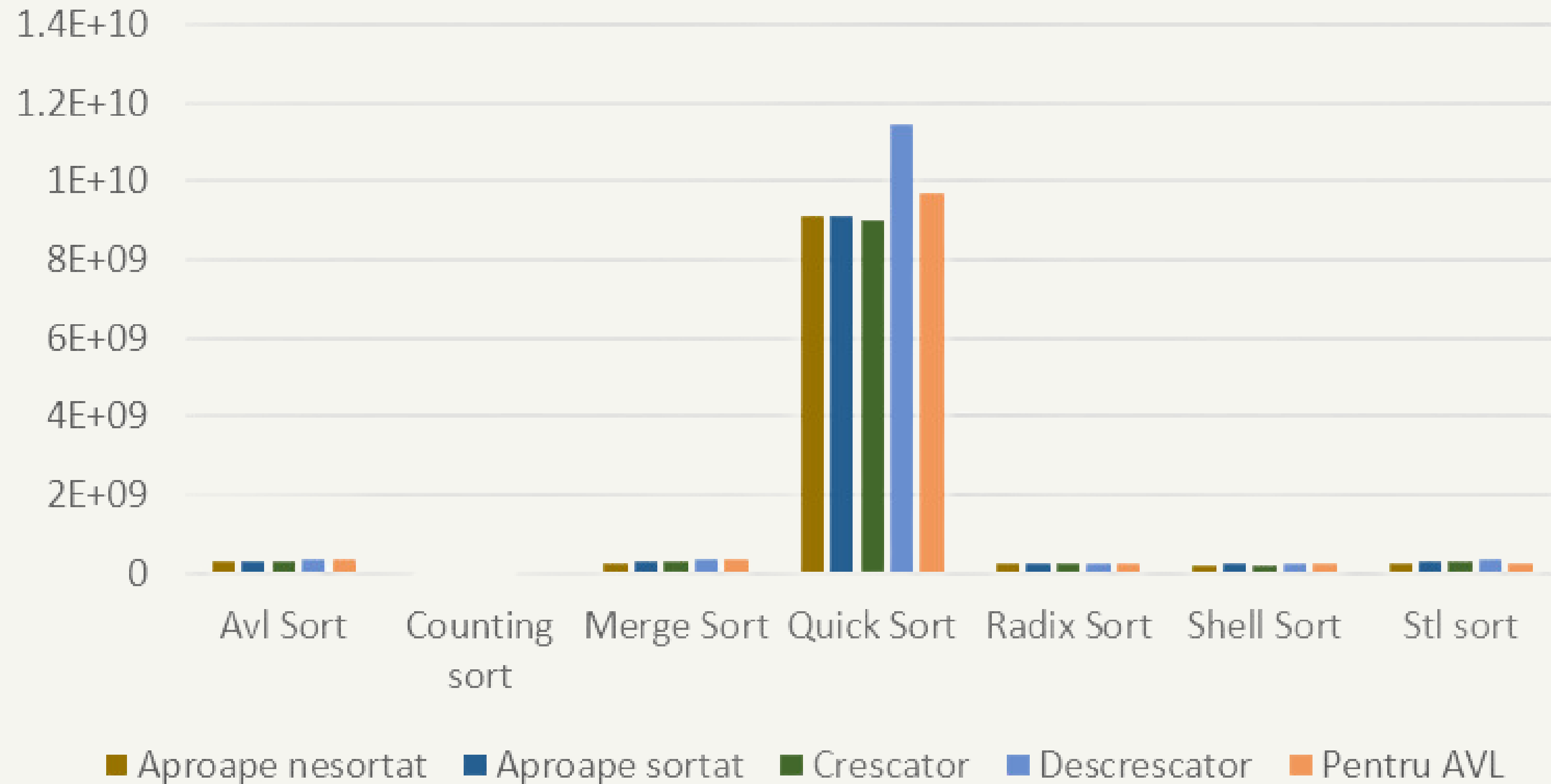
Teste $n = 10^9$, Max = 10^6



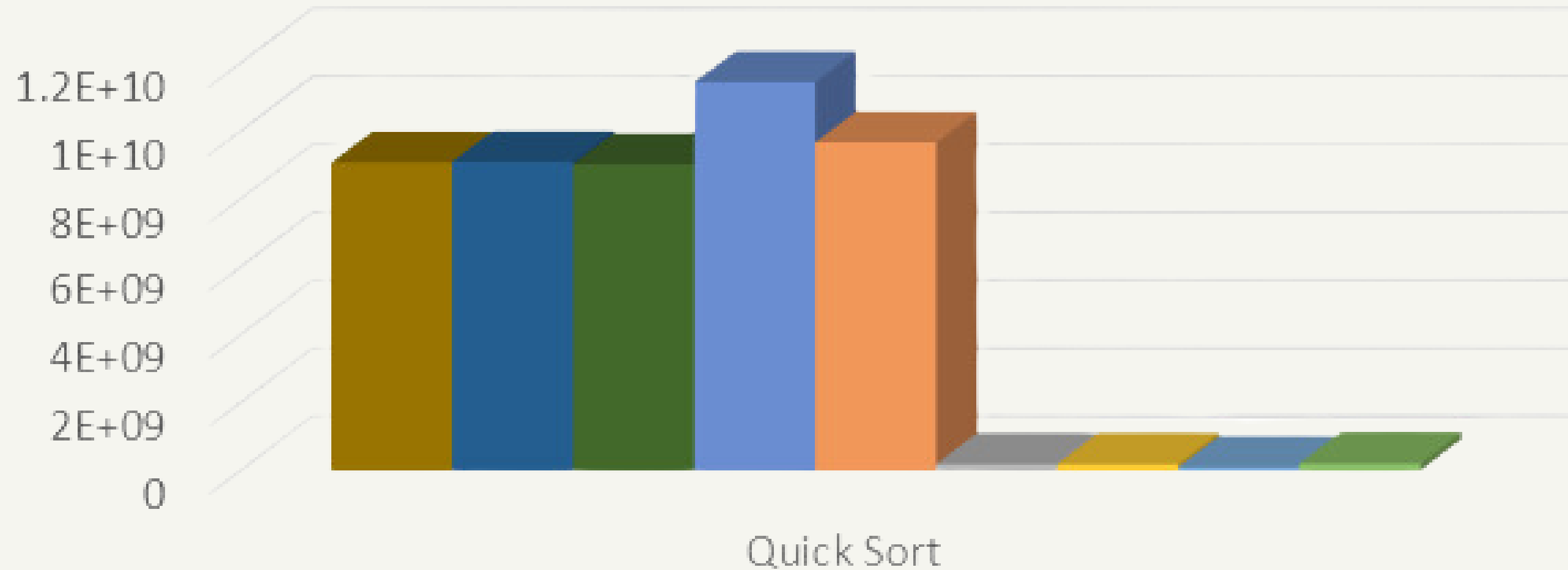
Teste $n = 10^9$, Max = 10^9



CAZURI SPECIALE



QUICK SORT PIVOT CAPĂȚ VS M3



■ Aproape nesortat

■ Aproape sortat

■ Crescator

■ Descrescator

■ Pentru AVL

■ M3-Aproape nesortat

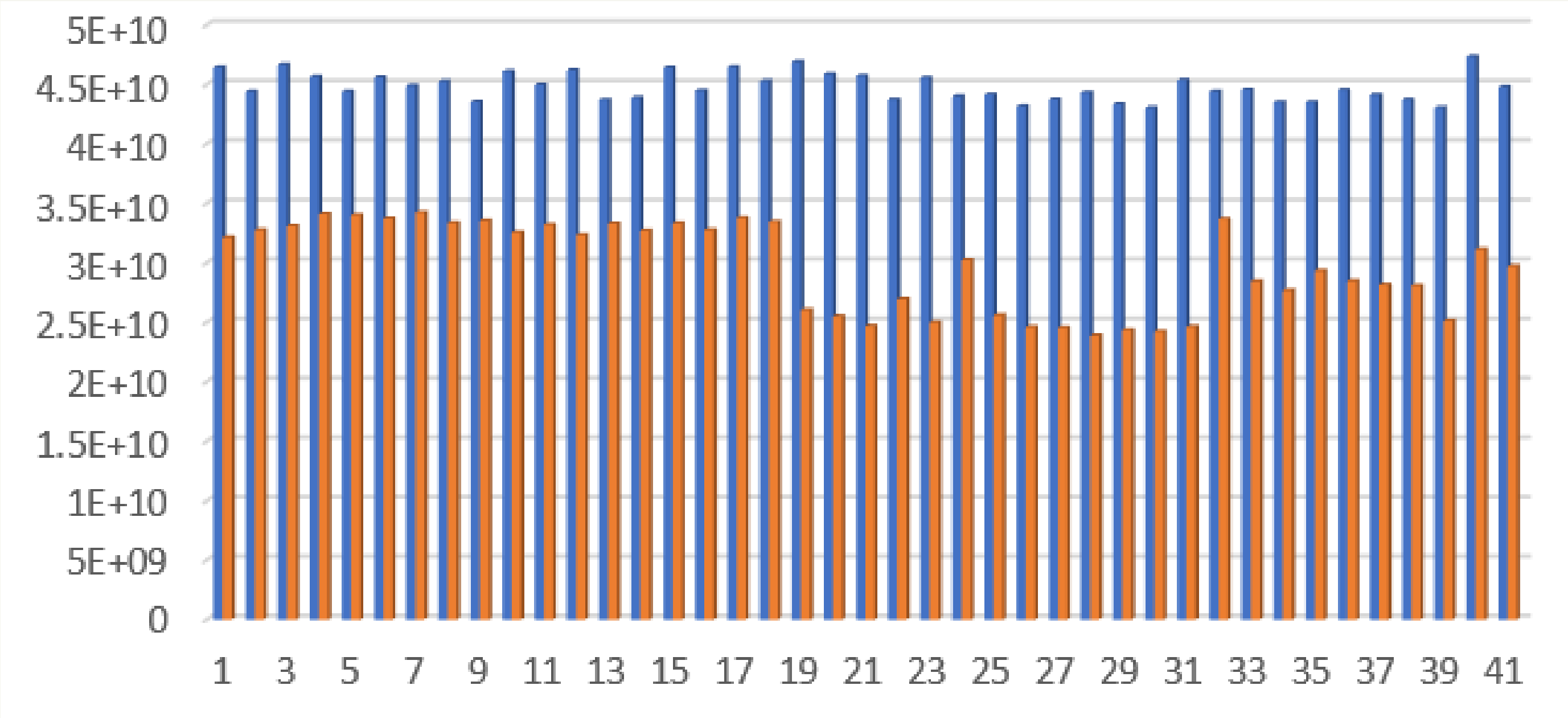
■ M3-Aproape sortat

■ M3-Crescator

■ M3-Descrescator

Quick Sort

$n=10^8$ $\text{max}=10^9$

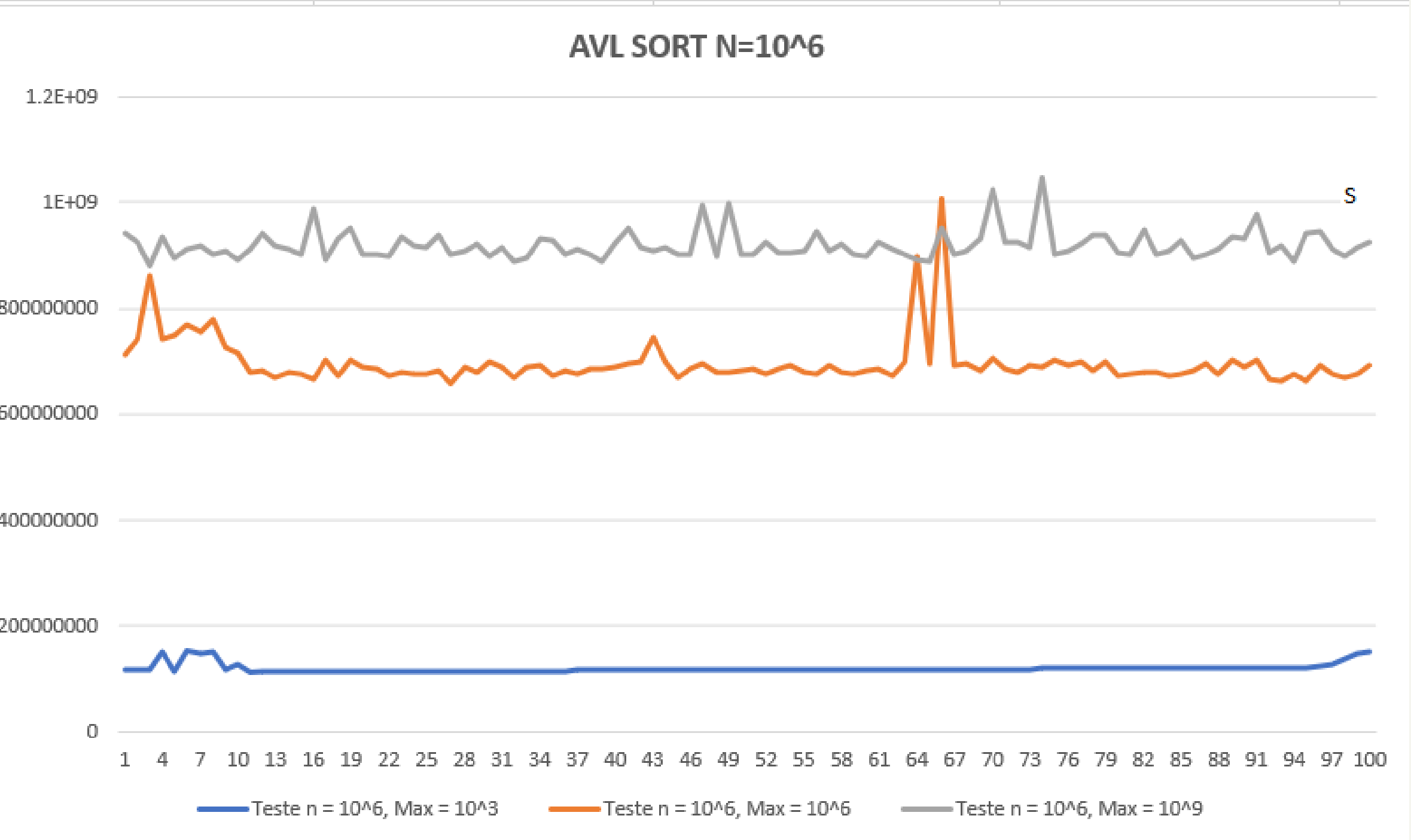
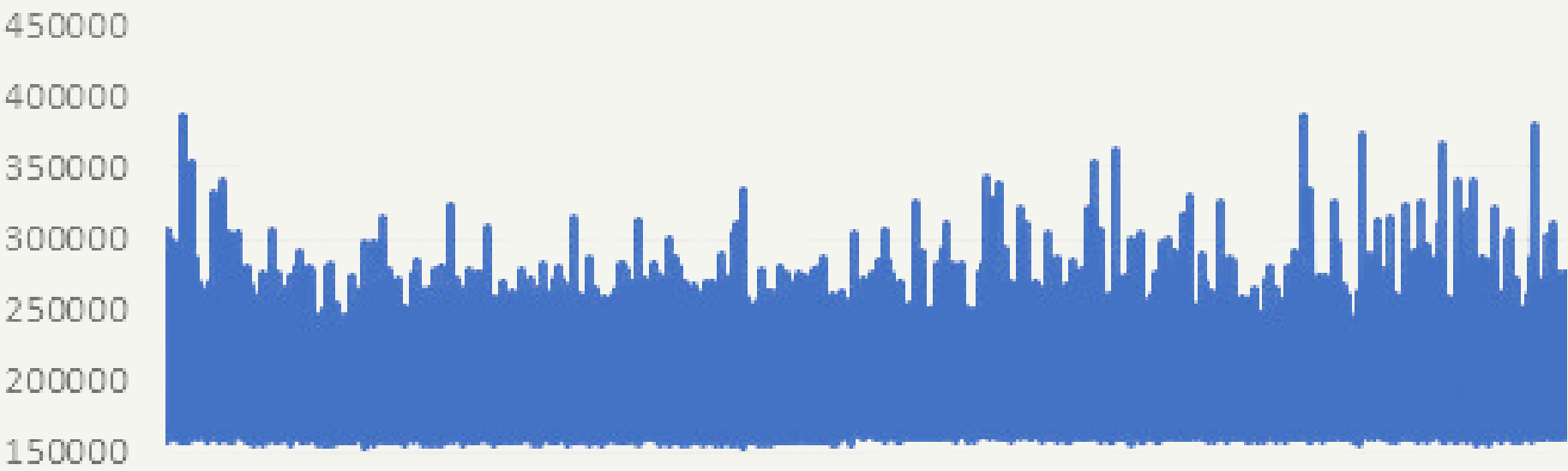


Merge Sort

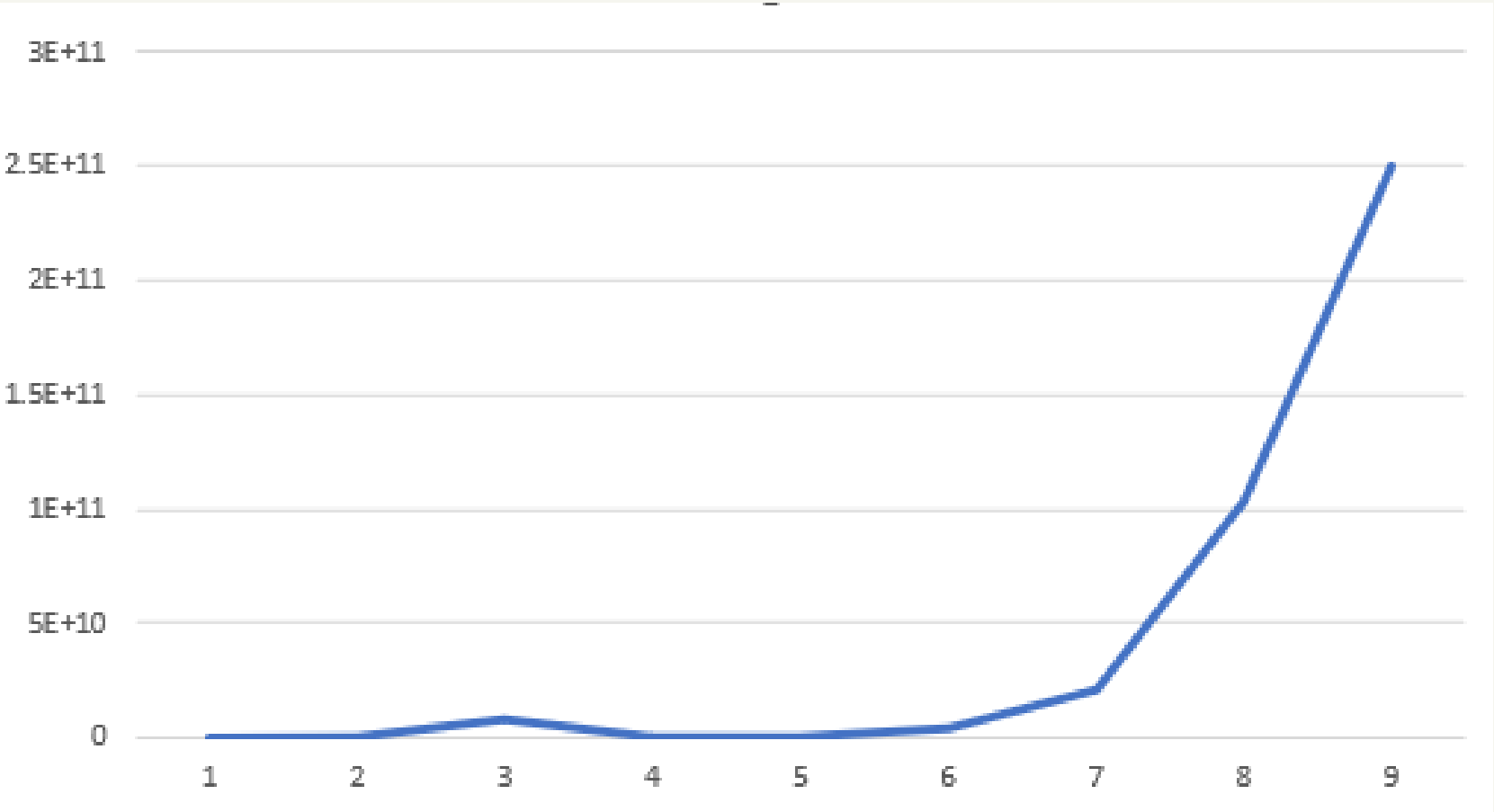
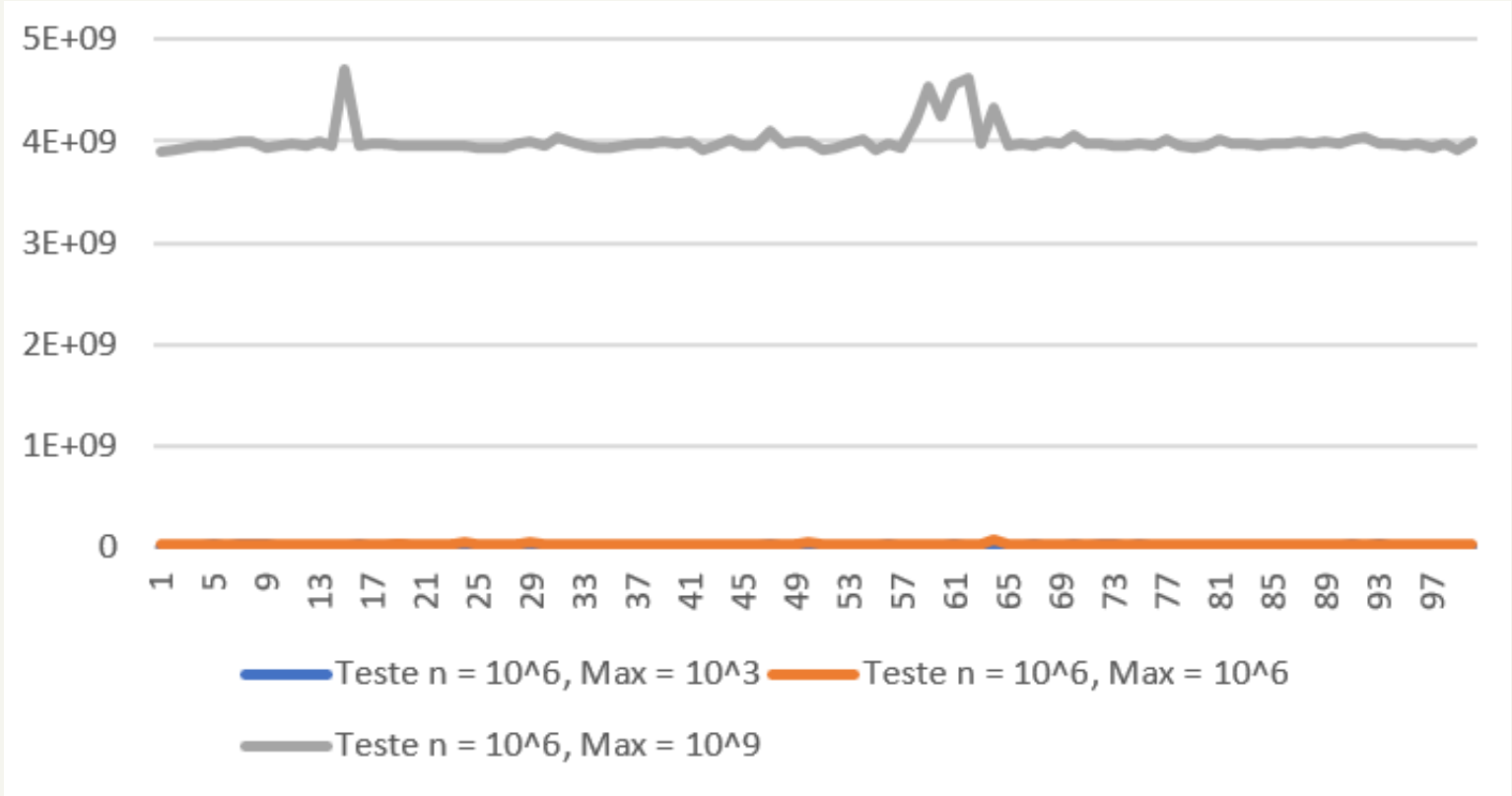
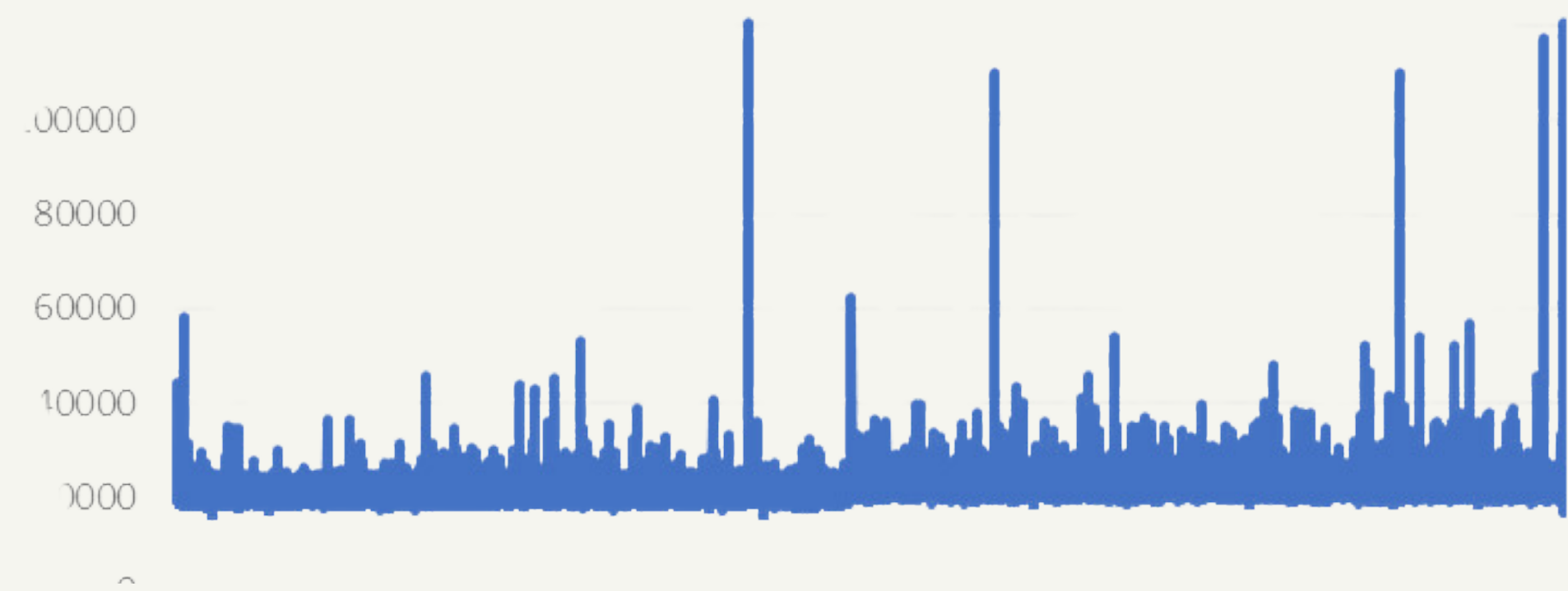


Quick Sort

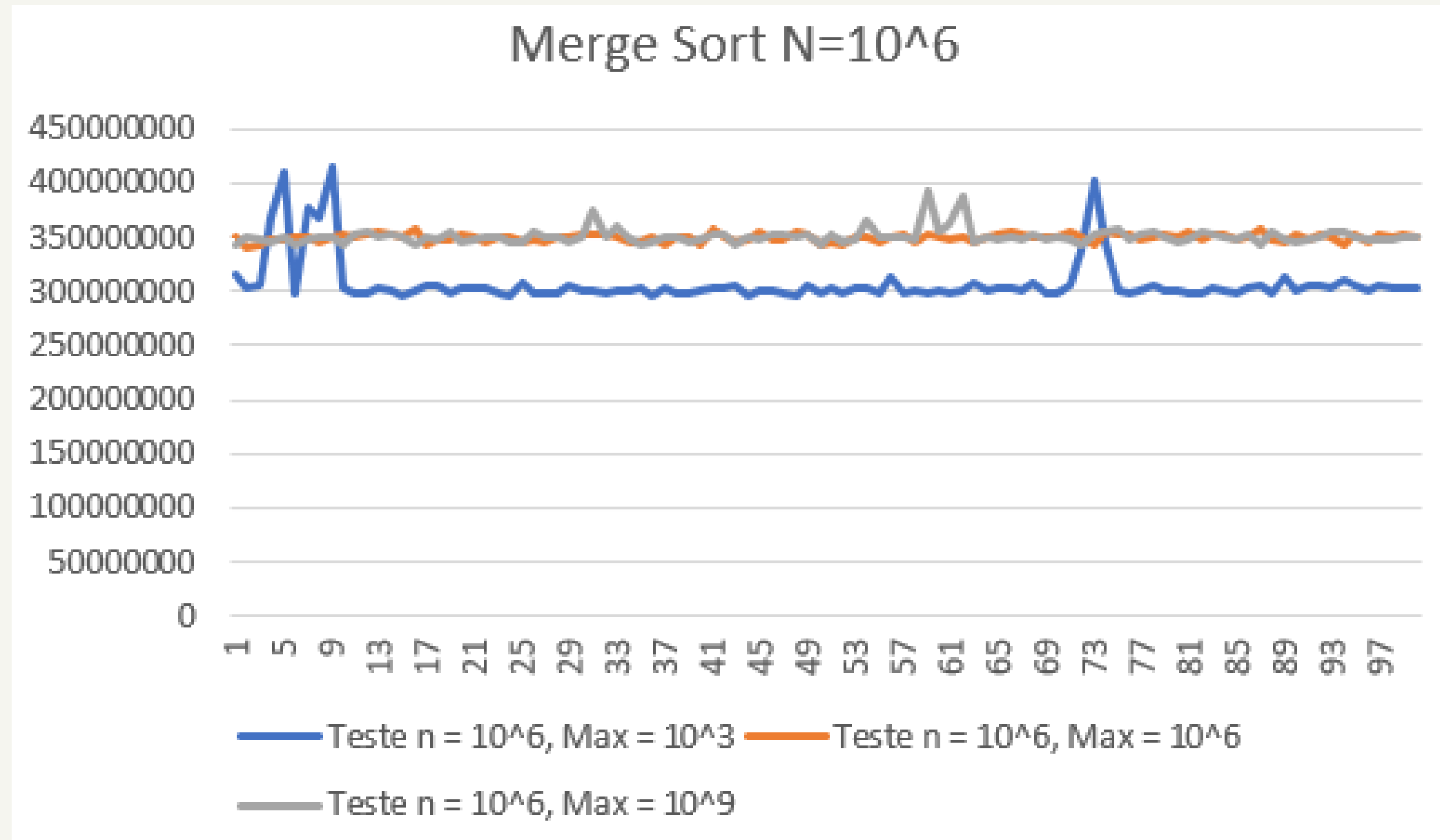
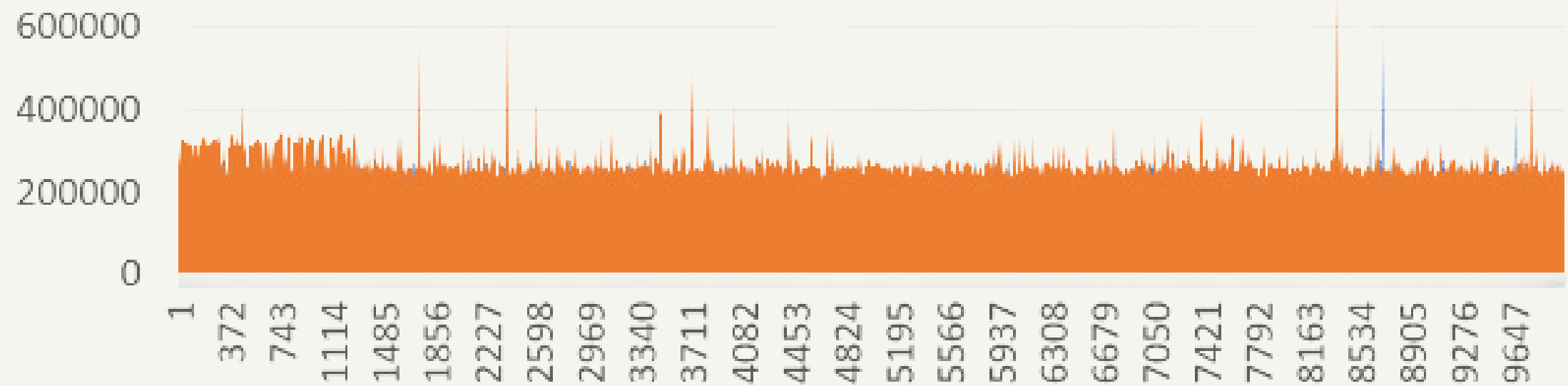
AVL SORT



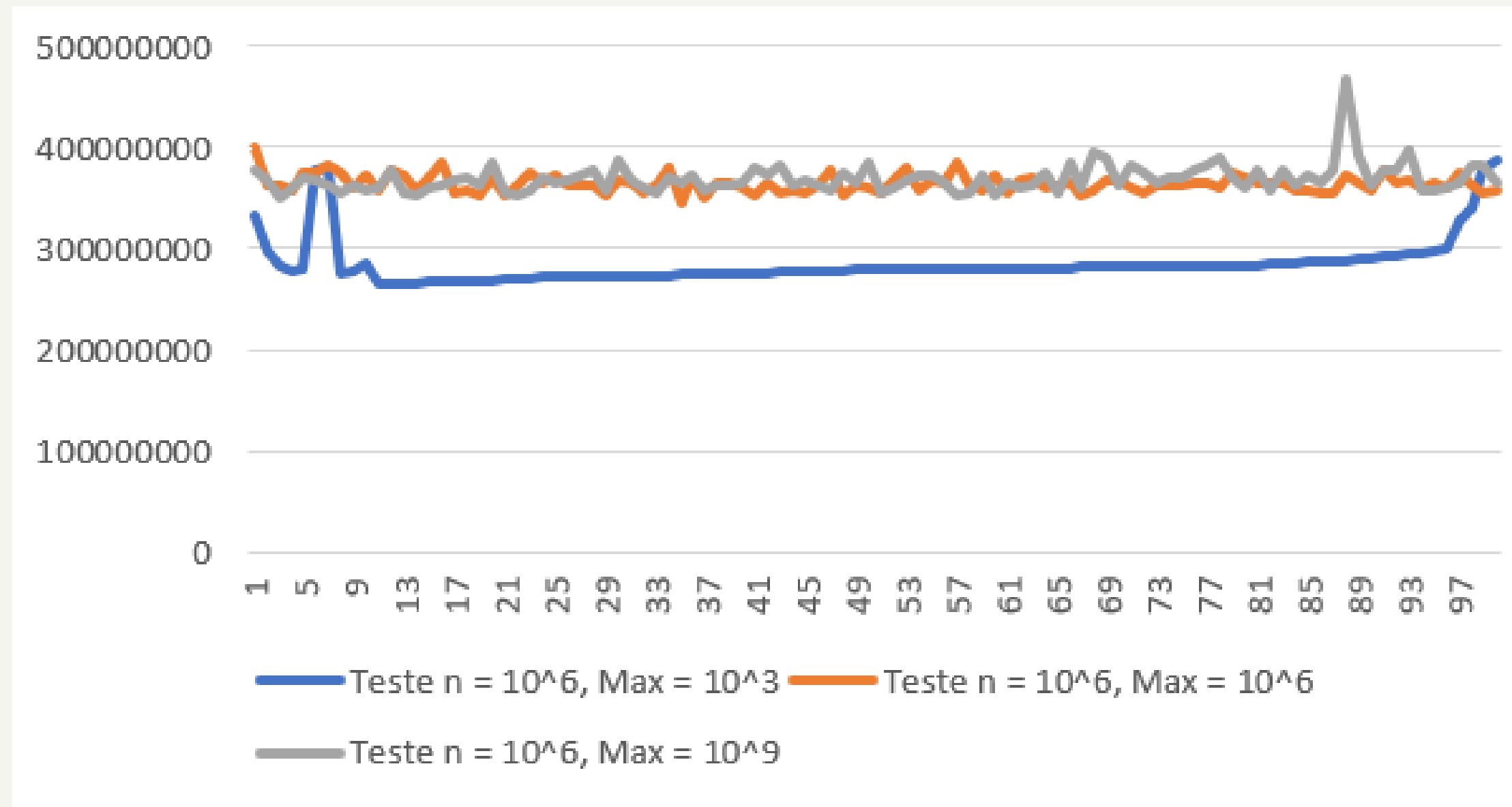
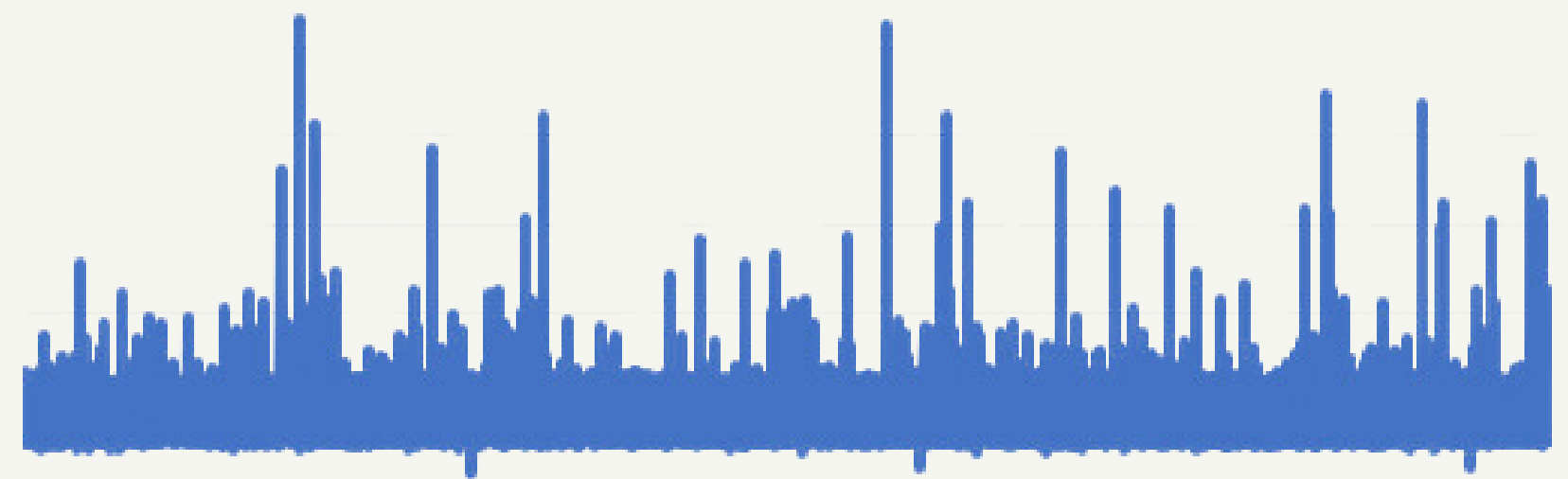
COUNTING SORT



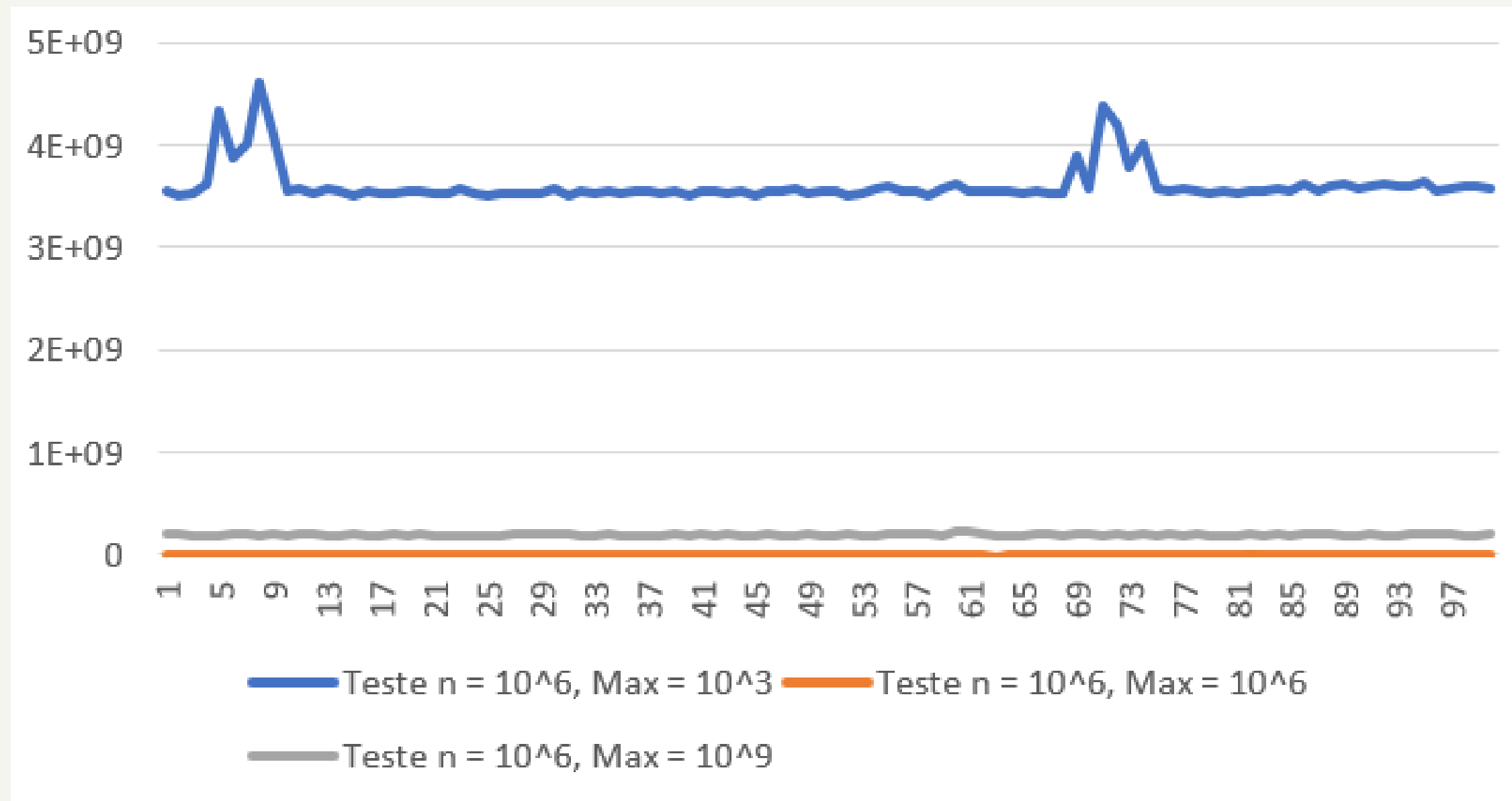
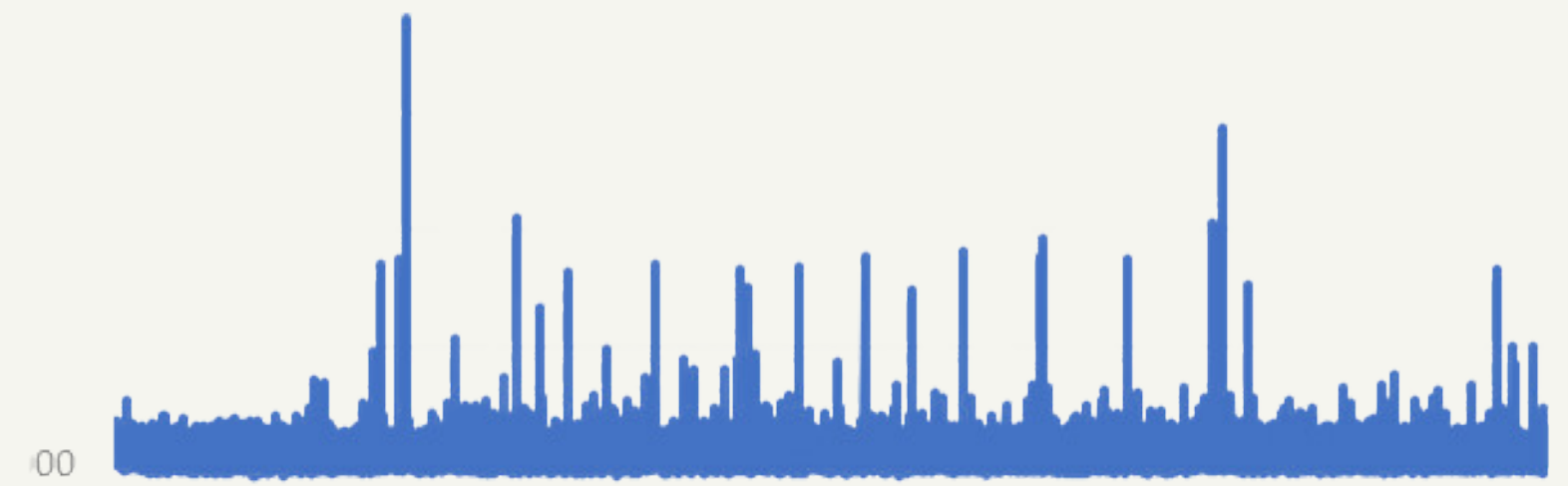
MERGE SORT



SHELL SORT



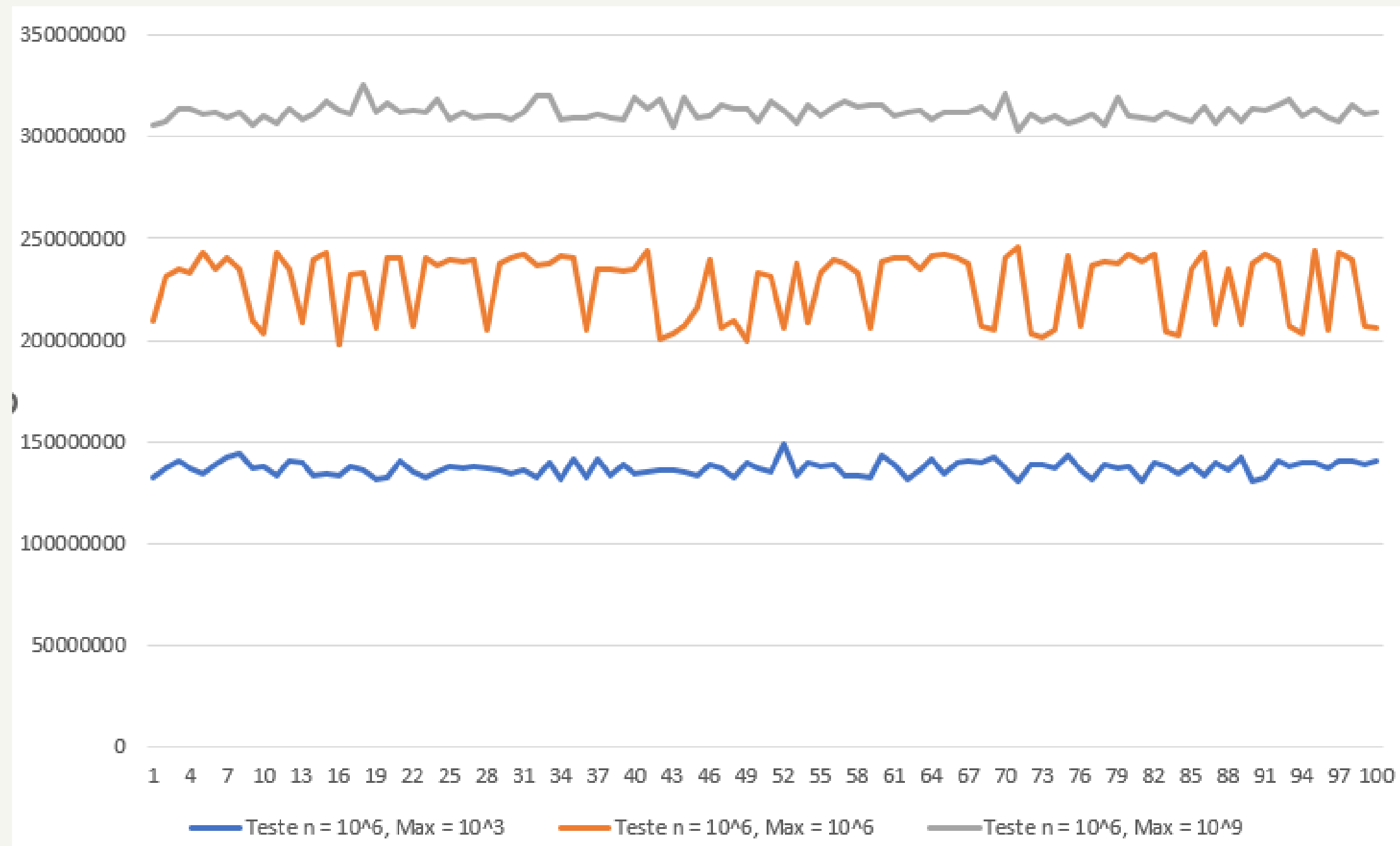
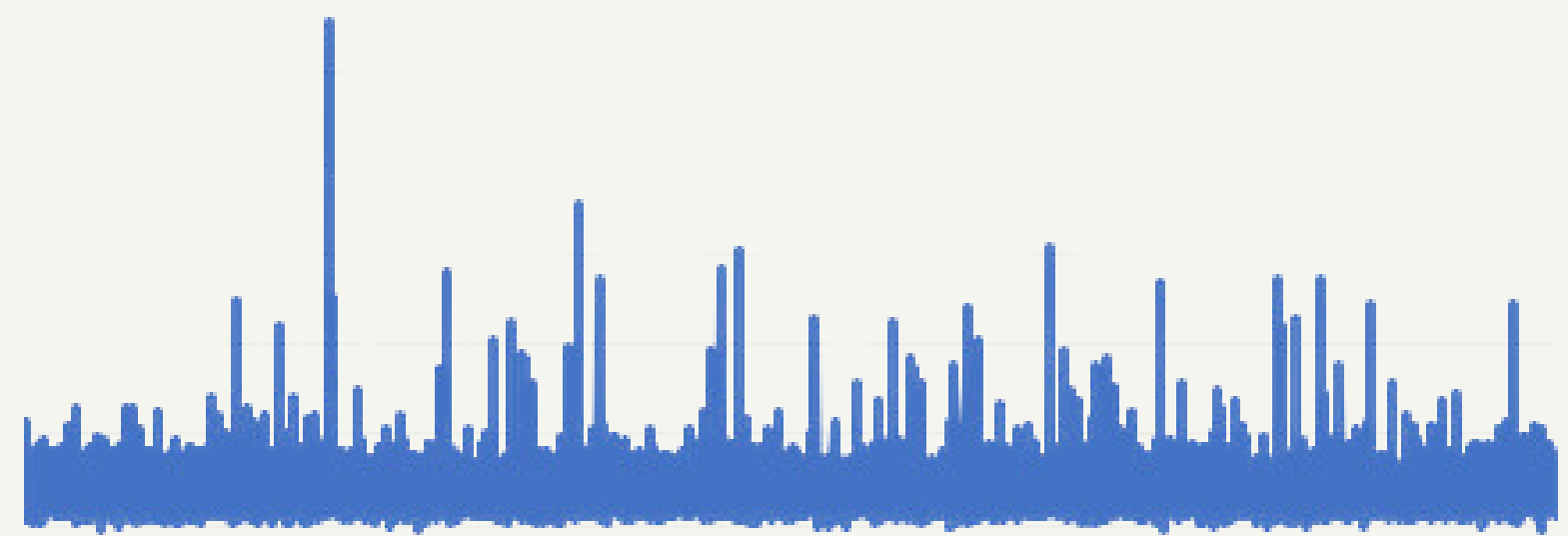
QUICK SORT



The image features a central text element 'RADIX SORT' in a bold, white, sans-serif font. This text is positioned within a dark blue rectangular field. On the left and bottom-right corners of this field, there are stylized 3D architectural elements. These elements consist of walls and floors made of a grid of red and white squares, creating a perspective effect that suggests a room or a tunnel. The lines of the grid are black, and the colors are a vibrant red and a clean white. The overall composition is balanced and modern, with a strong geometric theme.

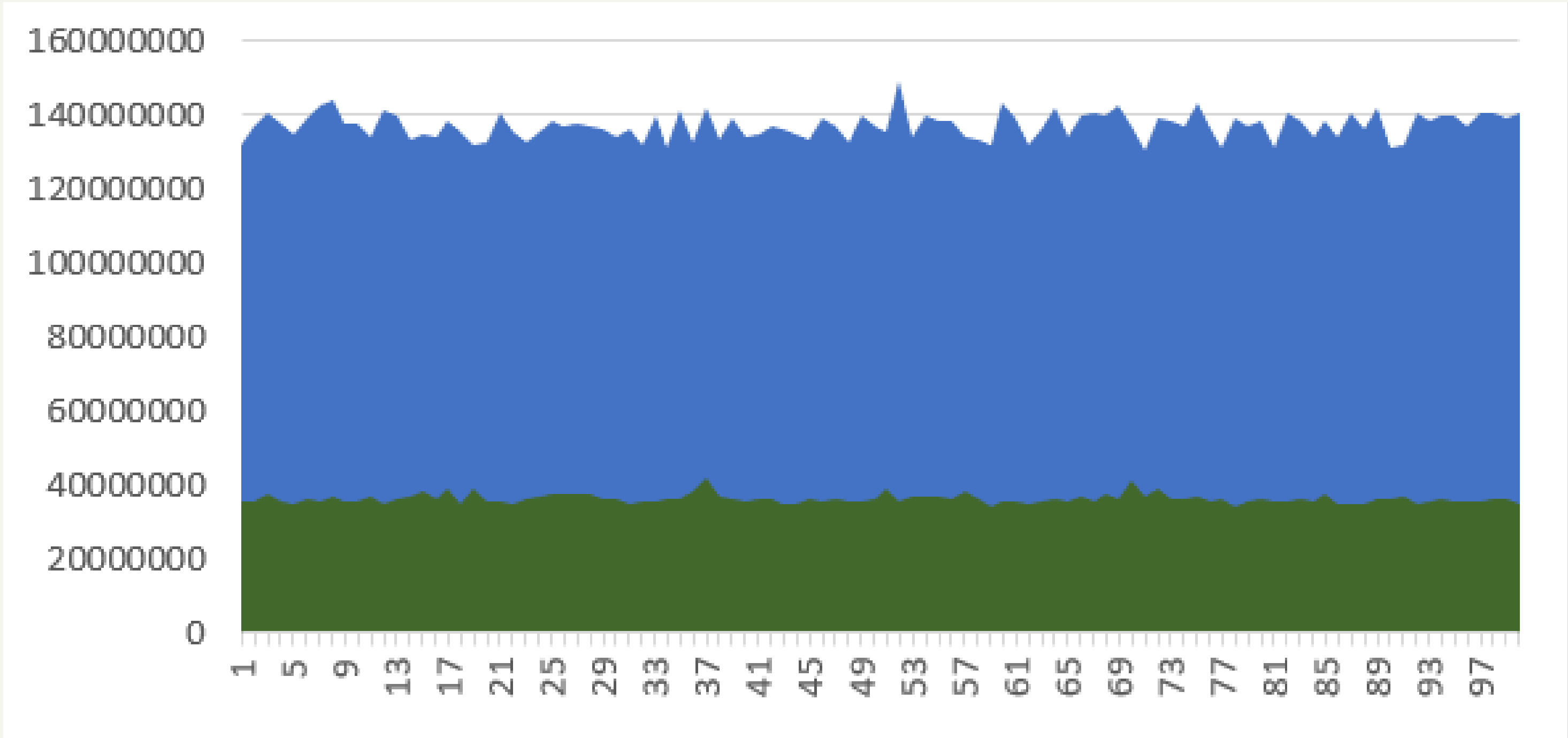
RADIX SORT

RADIX SORT

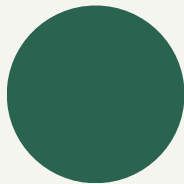


Radix sort

$n=10^6$ $\max=10^3$



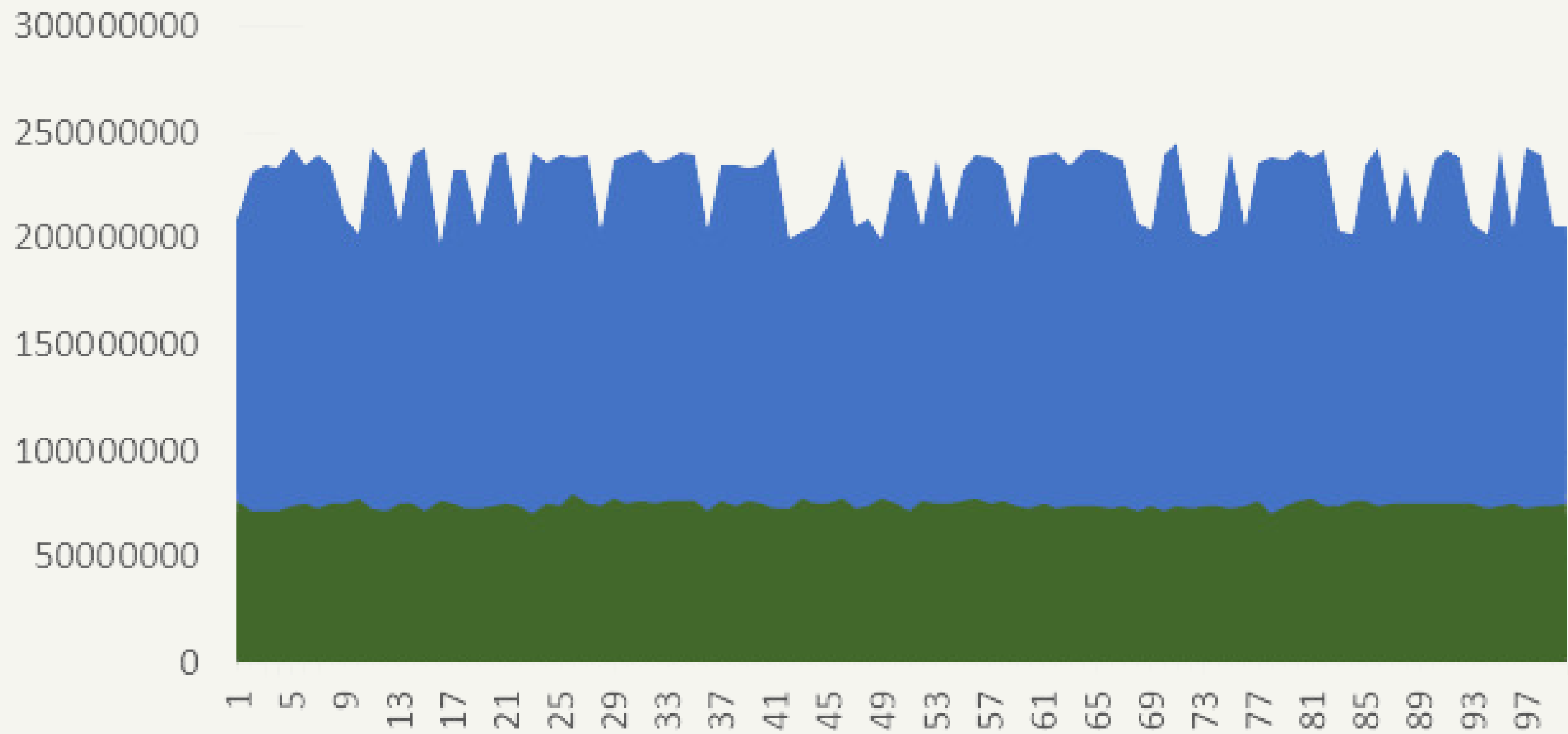
Baza 10



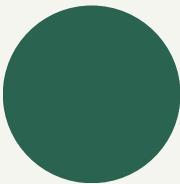
Baza 2^16

Radix sort

$n=10^6$ $\max=10^6$



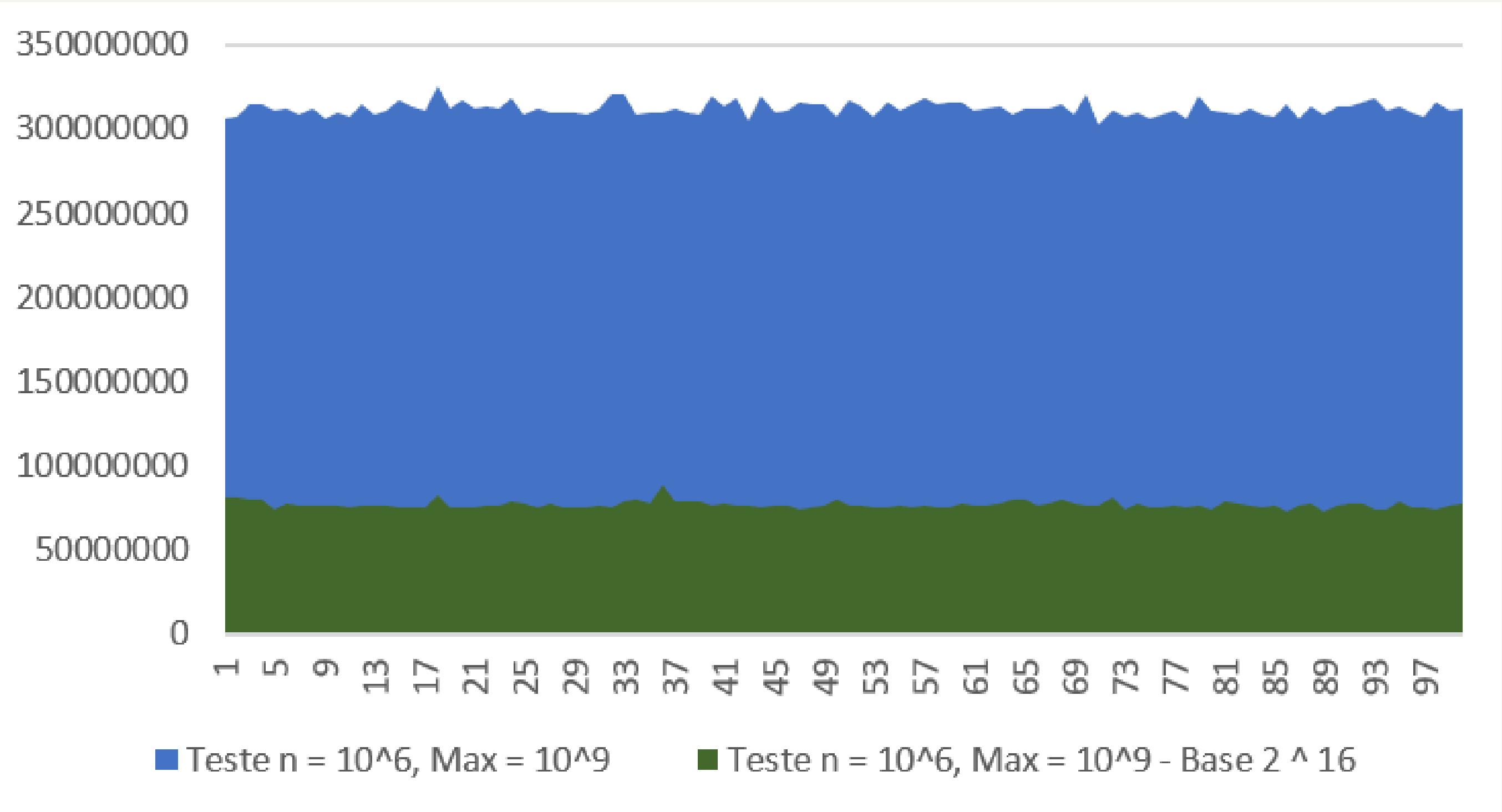
Baza 10



Baza 2¹⁶

Radix sort

$n=10^6$ $\max=10^9$



Baza 10



Baza 2^{16}