Algorithm	Worst-case	Average-case	Best-case
Bubble sort	$O(n^2)$ reversely sorted	$O(n^2)$ random	$O(n)$ sorted with swapped
Insertion sort	$O(n^2)$ reversely sorted	$O(n^2)$ random	$O(n)$ sorted
Selection sort	$O(n^2)$ reversely sorted	$O(n^2)$ random	$O(n^2)$ sorted
Quicksort	$O(n^2)$ reversely sorted	$O(n \log(n))$ random	$O(n \log(n))$ The pivot cuts the vector in half

According to the graphs, the best and worst cases were as I expected. The average cases were what I thought, except for quicksort. My quicksort was the slowest for average cases, even though it should be the quickest.