Algorithmics	Student information	Date	Number of session
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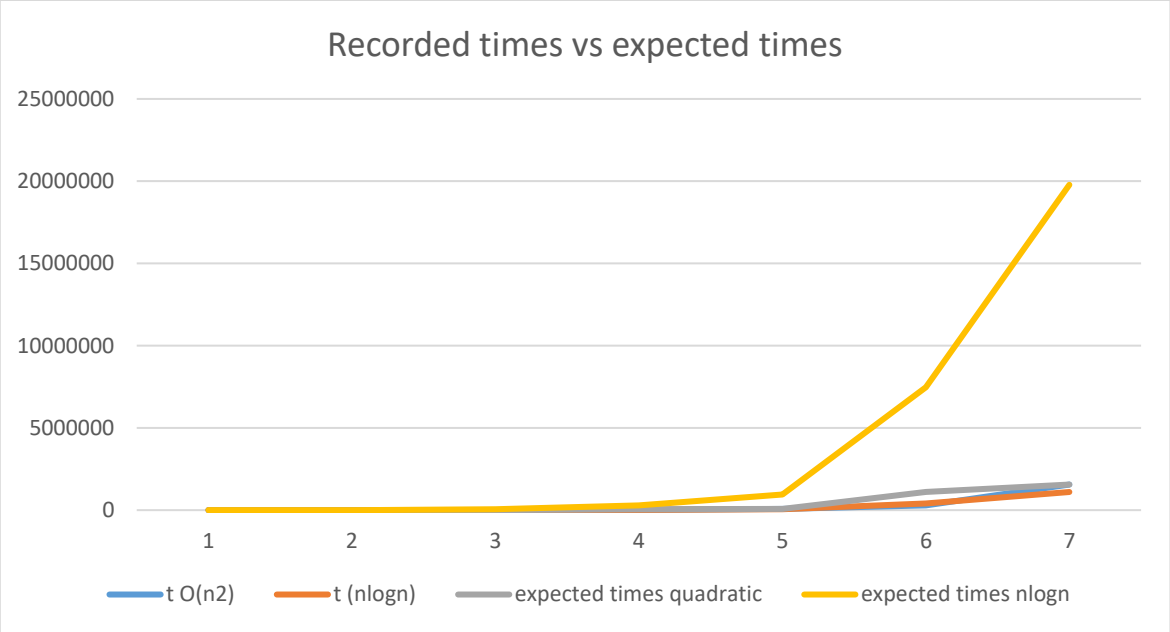
Activity 1. Inversion algorithm comparison

file	t O(n2)	t (nlogn)	t O(n2)/t O(nlogn)	n inversions
Ranking1.txt	243	228	1,065789474	14074466
Ranking2.txt	845	896	0,943080357	56256142
Ranking3.txt	2816	3234	0,870748299	225312650
Ranking4.txt	15385	15913	0,966819581	903869574
Ranking5.txt	69048	52205	1,322631932	-681209235
Ranking6.txt	281084	411747	0,682661926	1559358553
Ranking7.txt	1555869	1103051	1,41051411	1726806955



The number of inversions in the last files does not match the expected (it is even negative). I do not know how this happened as the code only ads up and does not subtract. I assume that the number of inversions is correct anyway because the previous ones are and it may have overflown due to the configuration of the VM.

The graphical representation does follow the expected shape. However, the logarithmic expected values are much higher than the resulting values.