CUDA KD-TREE PARALLEL KNN SEARCH
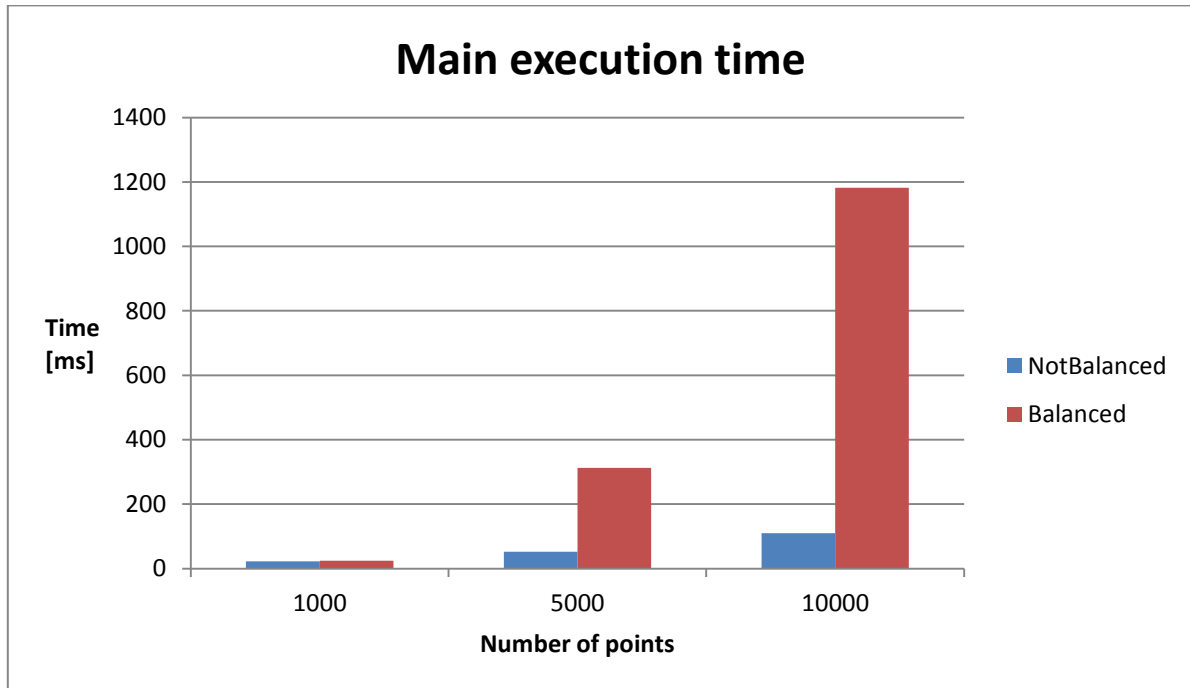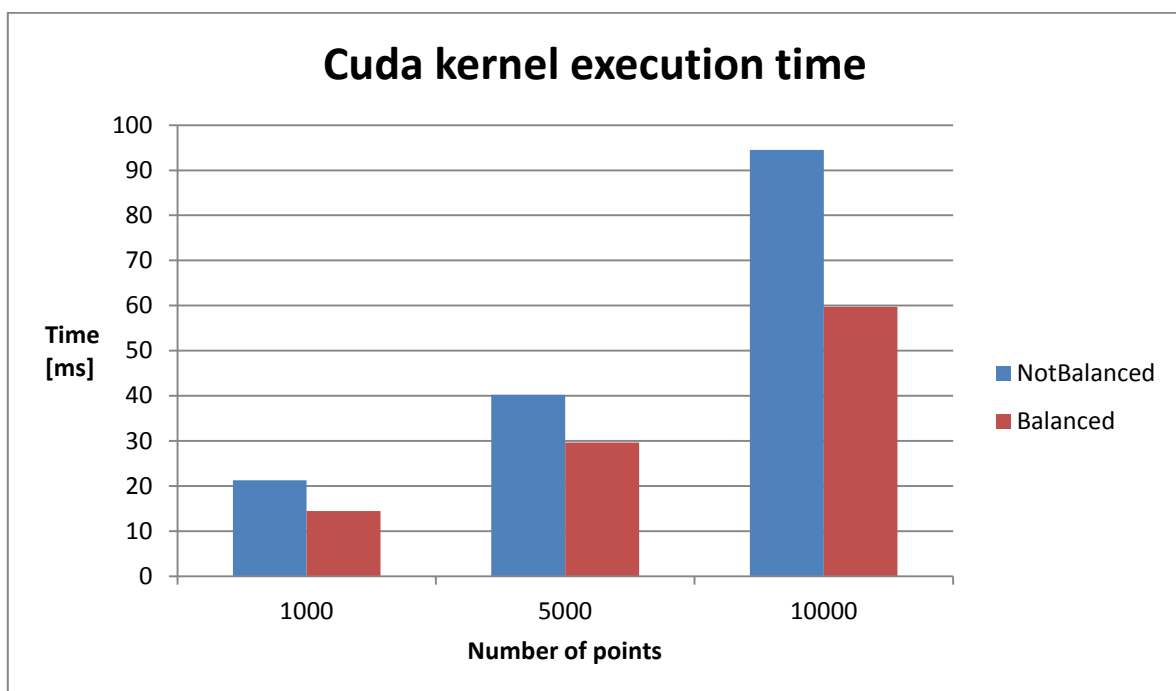
NUMBER OF POINTS	NOT BALANCED KD-TREE			BALANCED KD-TREE		
	Kernel [ms]	KD-tree [ms]	Total [ms]	Kernel [ms]	KD-tree [ms]	Total [ms]
1000	21.26	1	22.26	14.45	10	24.45
5000	40.23	12	52.23	29.62	283	312.62
10000	94.51	15	109.51	59.70	1122	1181.7

The main execution time is the sum of the kernel execution time and the execution time for KD-tree construction.

Execution time for KD-tree construction