

Figure 1. execution time variation according to weight change

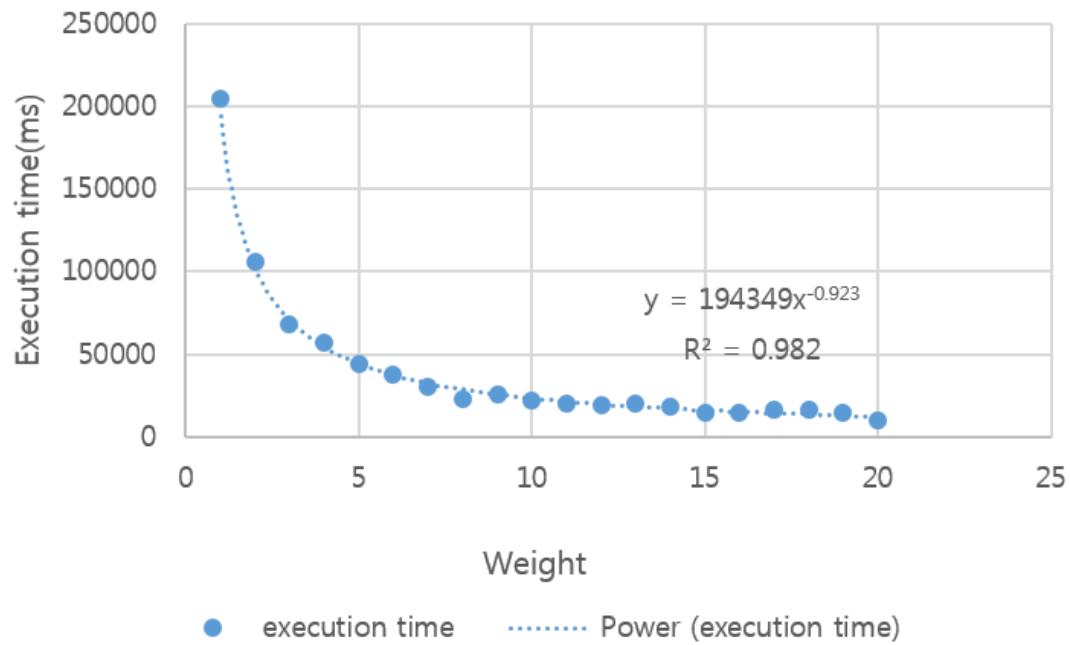


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wei ght	test1(ms)	test2(ms)	test3(ms)	test4(ms)	test5(ms)	average(ms)	std
1	193694.488	208690.948	207832.642	209271.484	203086.609	204515.2342	6522.905999
2	100252.93	97500.702	105889.374	116259.735	109198.791	105820.3064	7426.508186
3	66709.106	67593.262	66198.974	70030.335	70828.339	68272.0032	2051.05892
4	57510.681	58207.337	57212.769	57228.15	55288.116	57089.4106	1084.706912
5	48367.492	45452.27	35799.072	45508.515	46308.228	44287.1154	4889.546306
6	40277.649	38527.405	33500.977	36437.53	40057.8	37760.2722	2832.64696
7	27928.588	30458.771	32488.281	34108.398	27658.6	30528.5276	2813.233984
8	24013.275	22460.358	21369.934	25412.14	20109.223	22672.986	2098.533723
9	19389.008	25428.192	27637.177	27266.724	26377.167	25219.6536	3369.520376
10	20768.433	21957.122	21769.837	23056.733	21777.191	21865.8632	813.6239738
11	19768.707	19793.366	20351.563	20670.837	20442.871	20205.4688	404.6172479
12	18498.596	19737.488	19457.459	17919.739	17910.157	18704.6878	854.8740219
13	19766.724	20516.754	20486.541	20486.451	20049.255	20261.145	337.7319975
14	19608.002	19196.442	19196.625	17406.86	15828.064	18247.1986	1597.861116
15	15103.058	15137.787	16656.494	11787.323	14679.168	14672.766	1779.212944
16	14787.964	14669.434	14988.77	14878.479	15136.719	14892.2732	180.1342414
17	14565.308	16154.541	17327.545	16789.032	16989.136	16365.1124	1093.049174
18	16247.436	16266.968	16606.629	16217.621	16146.942	16297.1192	178.9182682
19	15236.999	15897.613	15707.184	13949.616	10070.77	14172.4364	2415.486194
20	9940.277	10446.594	9874.237	10171.906	10361.48	10158.8988	251.3984336