

n_items	budget	algorithm	avg_time_s	avg_memo	avg_value
10	50	BruteForce	0.00838	228.8	29
10	50	DP_TopDown	0.00082	11492.8	29
10	50	Greedy_Random	5.01E-05	443.2	29
10	100	BruteForce	0.009808	288	35
10	100	DP_TopDown	0.001226	19638.4	35
10	100	Greedy_Random	2.92E-05	443.2	35
10	200	BruteForce	0.008948	288	47
10	200	DP_TopDown	0.001596	40068.8	47
10	200	Greedy_Random	2.17E-05	443.2	47
10	500	BruteForce	0.011451	416	51
10	500	DP_TopDown	0.00447	44852.8	51
10	500	Greedy_Random	5.77E-05	443.2	51
20	50	BruteForce	4.257696	288	35
20	50	DP_TopDown	0.002024	36072	35
20	50	Greedy_Random	2.48E-05	571.2	35
20	100	BruteForce	7.463156	416	51
20	100	DP_TopDown	0.003034	71902.4	51
20	100	Greedy_Random	2.10E-05	523.2	50
20	200	BruteForce	17.72487	416	79
20	200	DP_TopDown	0.007315	200016	79
20	200	Greedy_Random	1.69E-05	523.2	77
20	500	BruteForce	20.19654	576	105
20	500	DP_TopDown	0.012678	402003.2	105
20	500	Greedy_Random	3.89E-05	547.2	105
50	50	DP_TopDown	0.006826	159392	58
50	50	Greedy_Random	3.40E-05	892.8	58
50	100	DP_TopDown	0.013785	346625.6	86
50	100	Greedy_Random	2.90E-05	748.8	86
50	200	DP_TopDown	0.033359	767160	122
50	200	Greedy_Random	3.65E-05	955.2	122
50	500	DP_TopDown	0.092278	1845466	200
50	500	Greedy_Random	7.62E-05	836.8	199
100	50	DP_TopDown	0.028266	351427.2	75
100	50	Greedy_Random	5.20E-05	1388.8	75
100	100	DP_TopDown	0.04662	785900.8	110
100	100	Greedy_Random	5.27E-05	1158.4	110
100	200	DP_TopDown	0.102704	1611250	153
100	200	Greedy_Random	5.33E-05	1158.4	153
100	500	DP_TopDown	0.298741	6780154	243
100	500	Greedy_Random	0.000143	1310.4	242