

8 parameter combinations, 10 times run, dim = 400, budget = dim*1000.

It takes me 8 days to complete the runs for Baldwin and half for Lamarck. The time is truly expensive. The program is the same as previous, but the dim is improved from 50 to 400, this is a huge cost.

so if budget = dim*10000, then the time cost would be more expensive.

1 no feasible solutions for F2

budget = dim*1000, dim=400.

	A	B	C	D	E	F	G	H	I	J	K
1			590	579	588	589	569	558	542	562	
2	F1	Times1	14817.734	681603.84	518055.14	660195.89	504551.45	731595.65	695053.25	829761.8	
3	F1	Times2	1005.5342	649201.27	522900.16	767642.46	523263.73	737499.15	654450.85	805891.08	
4	F1	Times3	425.46763	653577.83	446075.07	710381.19	604658	845016	695650.74	775598.02	
5	F1	Times4	419.66475	726342.21	550197.95	708393.22	392682.2	808043.23	653409.06	871575.62	
6	F1	Times5	3749.2623	714983.75	722810.45	615825.14	587781.77	767351.57	732774.04	824382.65	
7	F1	Times6	273021.91	690960.06	344443.83	613328.65	458159.06	786774.51	718878.31	893836.65	
8	F1	Times7	27675.028	710400.14	349320.21	644401.23	420877.81	832211.2	665864.93	838941.68	
9	F1	Times8	101730.53	678729.38	451443.74	650136.07	483826.42	768590.49	715328.73	765597.52	
10	F1	Times9	389.95158	731153.05	444978.64	801025.31	457981.49	810123.04	675776.14	899461.48	
11	F1	Times10	61837.574	663626.95	214113.39	754215.05	585491.34	826992.6	678604.01	841292.25	
12	F2	Times1	inf								
13	F2	Times2	inf								
14	F2	Times3	inf								
15	F2	Times4	inf								
16	F2	Times5	inf								
17	F2	Times6	inf								
18	F2	Times7	inf								
19	F2	Times8	inf								
20	F2	Times9	inf								
21	F2	Times10	inf								
22	F3	Times1	234504.47	268708156	160135375	200323527	237320974	319543729	290508855	358516034	

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Lamarck_rawdata

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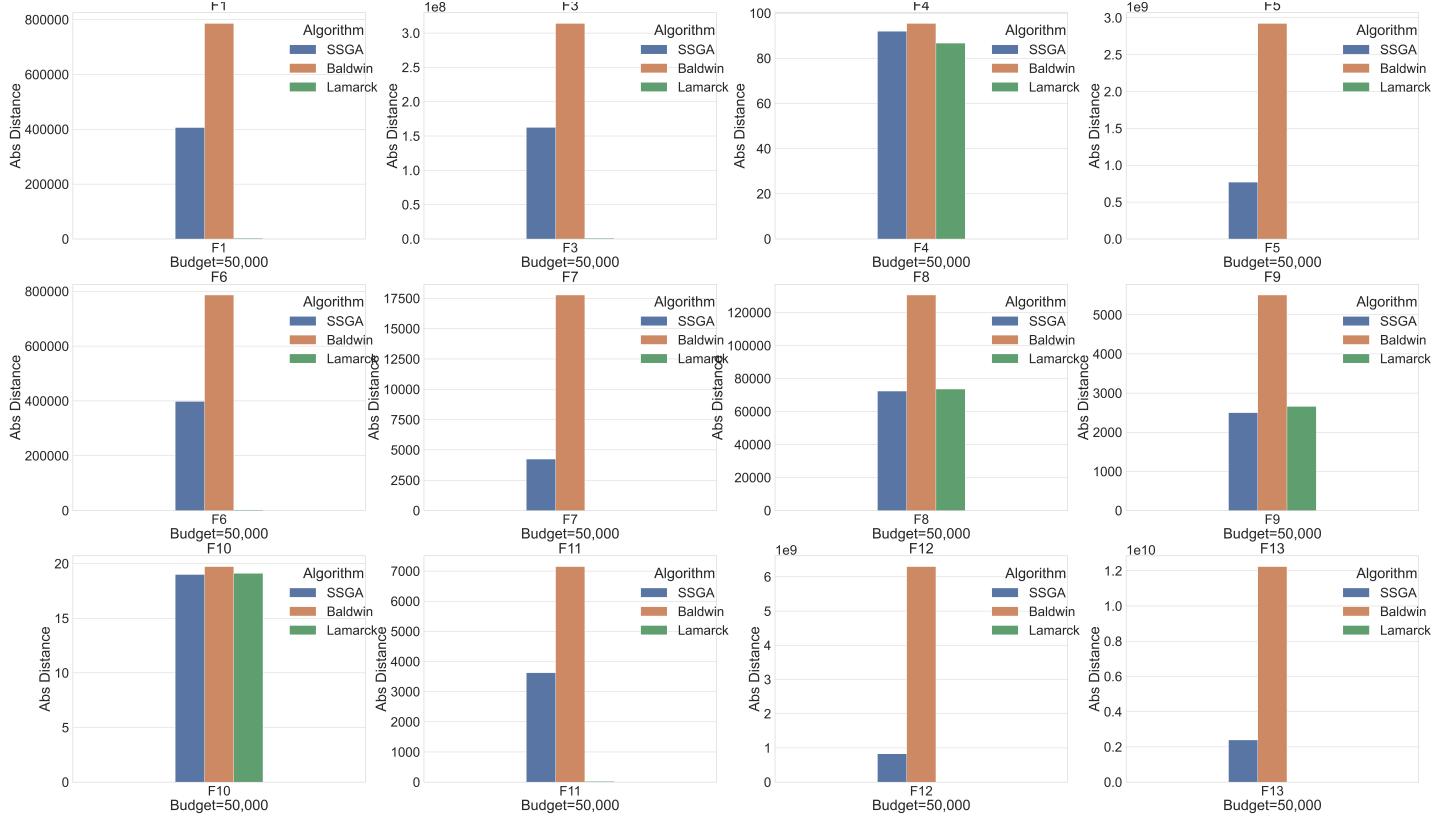
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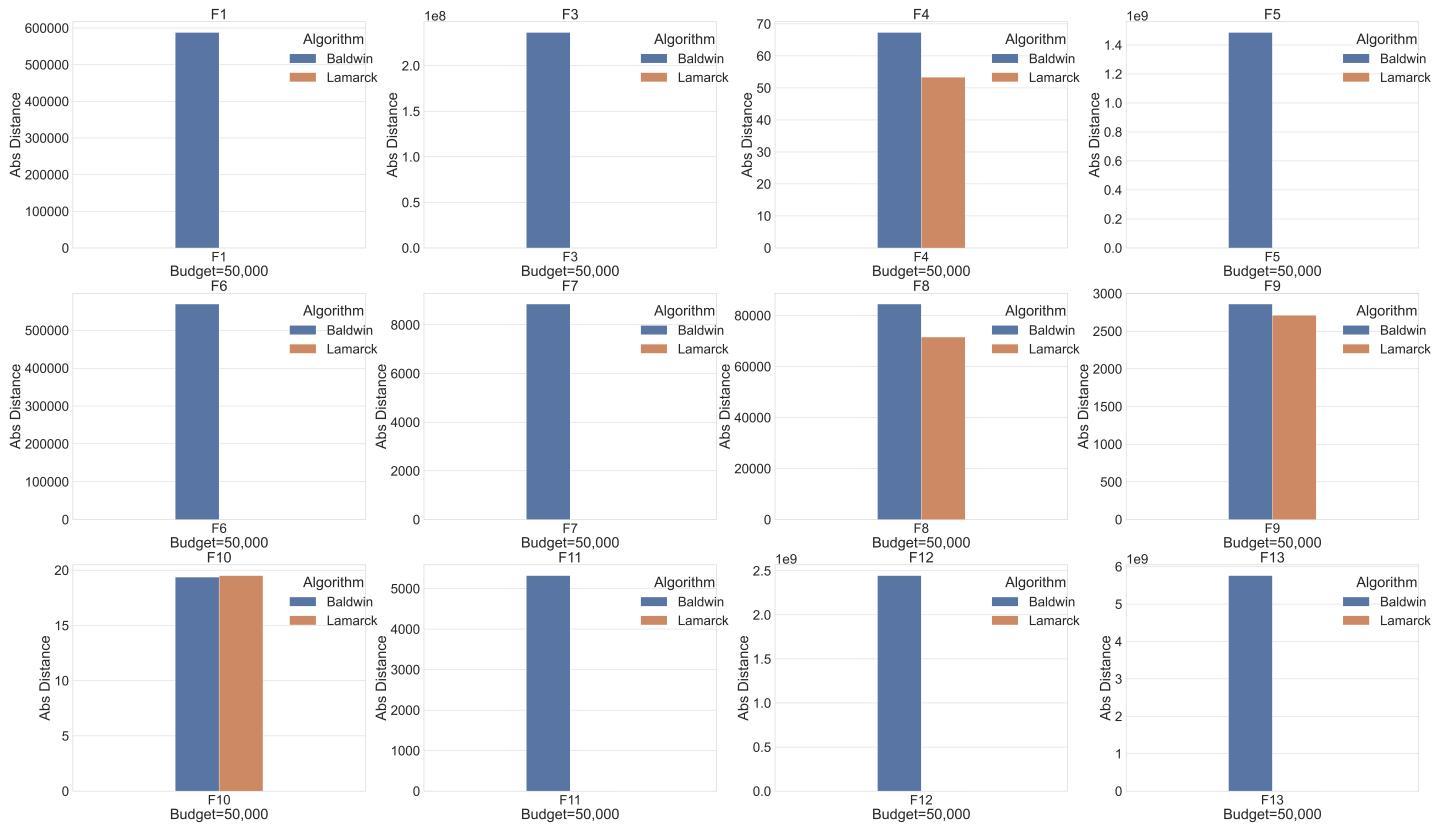
	A	B	C	D	E	F	G	H	I	J	K	L
1			590	579	588	589						
2	F1	Times1	231.306633	90.4385675	257.062222	265.643423						
3	F1	Times2	235.56918	92.3453725	241.812219	263.931203						
4	F1	Times3	258.844882	96.3279767	246.252145	273.693376						
5	F1	Times4	237.883136	94.5862187	256.411147	275.376886						
6	F1	Times5	256.121091	94.6420538	254.311794	239.854703						
7	F1	Times6	254.299281	87.4228578	283.264839	276.761289						
8	F1	Times7	243.462091	92.6651622	249.111455	300.61202						
9	F1	Times8	244.930398	103.409798	262.887411	279.345803						
10	F1	Times9	268.801439	90.8700916	255.874595	264.827255						
11	F1	Times10	268.605526	96.355415	254.493784	271.438798						
12	F2	Times1	inf	inf	inf	inf						
13	F2	Times2	inf	inf	inf	inf						
14	F2	Times3	inf	inf	inf	inf						
15	F2	Times4	inf	inf	inf	inf						
16	F2	Times5	inf	inf	inf	inf						
17	F2	Times6	inf	inf	inf	inf						
18	F2	Times7	inf	inf	inf	inf						
19	F2	Times8	inf	inf	inf	inf						
20	F2	Times9	inf	inf	inf	inf						
21	F2	Times10	inf	inf	inf	inf						
22	F3	Times1	104354.845	35806.0825	109288.48	102062.429						
23	F3	Times2	07717.1	20087.1729	103451.112	114610.32						

2 compare with the last time

Last time, budget = 50,000. This is budget = 400,000.



And this time:



Some decreases exist in the y axis(sum of abs distance from global minimum), but they are not very obvious.