Heatmap of optimizer performance by dimensions (rows) versus evaluation budget (columns).

evaluation budget (columns): 200, 300, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 6000, 7000, 8000, 9000, 10000

dimensions (rows): 2, 3, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100

dim	200	300	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
2	3	3	5	5	5	5	5	5	5	5	5	5	22	22	22	20	18
3	0	0	3	3	3	1	35	1	1	1	1	35	35	35	25	25	25
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	2	2	4	4	5	5	4	4	4	4	4	4	38	18	18	18	18
15	4	4	4	4	4	4	4	4	4	4	4	4	0	0	38	38	20
20	2	4	4	2	0	0	0	0	0	0	0	0	0	0	35	21	21
25	2	2	2	2	2	4	4	4	5	5	5	5	4	4	4	4	4
30	2	2	2	2	5	5	5	5	5	5	5	5	4	4	1	1	1
35	2	2	4	4	4	4	4	4	4	4	4	4	20	20	20	20	20
40	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4
45	2	2	2	2	2	4	4	4	4	4	4	2	36	36	36	36	36
50	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	25	19
60	2	2	2	5	5	4	4	4	4	4	4	4	0	1	1	1	
70	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4
80	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4		
90	2	2	2	4	4	4	4	4	4	4	4	2	26	26	26		
100	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2		

Legend:

- 38. ConfPortfolio_scale2_NA_ngopt14s_1
- 36. ConfPortfolio_scale2_scale=1.3_ngopt14s_3
- 35. ConfPortfolio_scale2_scale=1.3_ngopt14s_4
- 26. ConfPortfolio_scale2_scale=1.3_ngopt14s_13
- 25. ConfPortfolio_scale2_scale=1.3_ngopt14s_14
- 22. ConfPortfolio_scale2_scale=1.3_ngopt14s_17
- 21. ConfPortfolio_scale2_scale=1.3_ngopt14s_18
- 20. ConfPortfolio_scale2_scale=1.3_ngopt14s_19
- 19. ConfPortfolio_scale2_scale=1.3_ngopt14s_20
- 18. ConfPortfolio_scale2_scale=1.3_ngopt14s_21
- 5. ParametrizedMetaModel(multivariate_optimizer=CmaFmin2
- 4. MetaModelOnePlusOne
- 3. MetaModel
- 2. Cobyla
- 1. ChainMetaModelPowell
- 0. CMA