Dimensions: 2, Budget: 200 100 80 80 80 40 40 20 40	Dimensions: 2, Budget: 300 100 90 80 70 60 40 30	Dimensions: 2, Budget: 500	Dimensions: 2, Budget: 1000 100 -	Dimensions: 2, Budget: 1500 100- 90- 8 80- 60- 60- 50-	Dimensions: 2, Budget: 2000 100 - 90 - 880 - 60 - 60 - 60 - 60 - 60 - 60 -	Dimensions: 2, Budget: 2500 100 - 90 - 880 - 70 - 60 - 60 - 60 - 60 - 60 - 60 - 6	Dimensions: 2, Budget: 3000 100 - 90 - 80 - 70 - 60 - 60 - 60 - 60 - 60 - 60 - 6	Dimensions: 2, Budget: 3500 100 90 880 70 60 100 100 100 100 100 100	Dimensions: 2, Budget: 4000 100 - 90 - 880 - 70 - 60 - 60 - 60 - 60 - 60 - 60 - 6	Dimensions: 2, Budget: 4500 100 -	Dimensions: 2, Budget: 5000 100 - 90 - 80 - 70 - 60 - 60 - 60 - 60 - 60 - 60 - 6	Dimensions: 2, Budget: 6000 100 - 95 - 90 - 98 - 75 - 70 - 70 - 90 - 90 - 90 - 90 - 90 - 90	Dimensions: 2, Budget: 7000 100.0 - 97.5 - 95.0 - 92.5 - 885.0 - 82.5 -	Dimensions: 2, Budget: 8000 100.0 - 97.5 - 95.0 - 92.5 - 87.5 - 85.0 - 82.5 -	Dimensions: 2, Budget: 9000 100.0 - 97.5 - 95.0 - 892.5 - 85.0 - 82.5 -	Dimensions: 2, Budget: 10000 100.0 - 97.5 - 95.0 - 87.5 - 85.0 -
In algorithm ChainMetaModelPowell CMA MetaModelOnePlusOne MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 3, Budget: 200	Dimensions: 3, Budget: 300	O 2 4 6 8 10 log loss algorithm — CMA — MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 3, Budget: 500	O 2 4 6 8 10 12 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA MetaModel Dimensions: 3, Budget: 1000	Dimensions: 3, Budget: 1500	0 2 4 6 8 10 12 log loss algorithm — CMA — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ConfPortfolio_scale2_scale=1.3_ngopt14s_5 — MetaModel — ChainMetaModelPowell Dimensions: 3, Budget: 2000	O 2 4 6 8 10 12 log loss algorithm — ConfPortfolio_scale2_scale=1.3_ngopt14s_6 — ChainMetaModelPowell — MetaModel — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA Dimensions: 3, Budget: 2500	0 2 4 6 8 10 12 log loss algorithm MetaModel CMA ChainMetaModelPowell ConfPortfolio_scale2_scale=1.3_ngopt14s_7 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 3, Budget: 3000	O 2 4 6 8 10 12 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModel ConfPortfolio_scale2_scale=1.3_ngopt14s_8 ChainMetaModelPowell CMA Dimensions: 3, Budget: 3500	0 2 4 6 8 10 12 log loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_9 ChainMetaModelPowell CMA MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 3, Budget: 4000	O 2 4 6 8 10 12 log loss algorithm — CMA — MetaModel — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ConfPortfolio_scale2_scale=1.3_ngopt14s_10 Dimensions: 3, Budget: 4500	O 2 4 6 8 10 12 log loss algorithm ChainMetaModelPowell ConfPortfolio_scale2_scale=1.3_ngopt14s_11 MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Dimensions: 3, Budget: 5000	65 - 0 2 4 6 8 10 12 log loss algorithm ChainMetaModelPowell ConfPortfolio_scale2_scale=1.3_ngopt14s_18 ConfPortfolio_scale2_scale=1.3_ngopt14s_13 ConfPortfolio_scale2_scale=1.3_ngopt14s_20 ConfPortfolio_scale2_scale=1.3_ngopt14s_17 Dimensions: 3, Budget: 6000	80.0 - O 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_17 ConfPortfolio_scale2_scale=1.3_ngopt14s_18 ConfPortfolio_scale2_scale=1.3_ngopt14s_20 ConfPortfolio_scale2_scale=1.3_ngopt14s_19 ConfPortfolio_scale2_scale=1.3_ngopt14s_15 Dimensions: 3, Budget: 7000	80.0 - 0 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_18 ConfPortfolio_scale2_scale=1.3_ngopt14s_20 ConfPortfolio_scale2_scale=1.3_ngopt14s_19 ConfPortfolio_scale2_scale=1.3_ngopt14s_17 ConfPortfolio_scale2_scale=1.3_ngopt14s_21 Dimensions: 3, Budget: 8000	B0.0 - 0 2 4 6 8 10 log_loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_20 ConfPortfolio_scale2_scale=1.3_ngopt14s_21 ConfPortfolio_scale2_scale=1.3_ngopt14s_17 ConfPortfolio_scale2_scale=1.3_ngopt14s_19 ConfPortfolio_scale2_scale=1.3_ngopt14s_18 Dimensions: 3, Budget: 9000	82.5 - 0 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_21 ConfPortfolio_scale2_scale=1.3_ngopt14s_20 ConfPortfolio_scale2_scale=1.3_ngopt14s_18 ConfPortfolio_scale2_scale=1.3_ngopt14s_19 ConfPortfolio_scale2_scale=1.3_ngopt14s_17 Dimensions: 3, Budget: 10000
8 60 - 40 - 40 - 40 - 40 - 40 - 40 - 40 -	60 - 60 - 60 - 60 - 60 - 60 - 60 - 60 -	O 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell ConfPortfolio scale3 NA and the seales and the seales are seales are seales and the seales are seales	80 - 80	8	880 - SE	880 - 60 - 50 - 0 2 4 6 8 10 12 log loss algorithm — ConfPortfolio_scale2_NA_ngopt14s_1 — MetaModel — CMA	880- 60- 50- 0 2 4 6 8 10 12 log loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_5 — CMA ParametrizedMatable 1 11 11 11 11 11 11 11 11 11 11 11 11	880 - 0 2 4 6 8 10 12 The state of the st	85 - 80 - 75 - 70 - 65 - 60 - 0 2 4 6 8 10 12 log loss algorithm — ConfPortfolio_scale2_NA_ngopt14s_1 — ConfPortfolio_scale2_scale=1.3_ngopt14s_6 — MetaModel	885- 880- 75- 70- 65- 60- 0 2 4 6 8 10 12 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MotaModel	880 - 60 - 60 - 50 - 10	880 -	88 85 85 75 70 65 70 65 8 10 12 log loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_10 ConfPortfolio_scale2_scale=1.3_ngopt14s_18	88 85 - 88 - 75 - 70 - 65 - 70 - 65 - 10g loss algorithm ConfPortfolio_scale2_scale=1.3_ngopt14s_14 ConfPortfolio_scale2_scale=1.3_ngopt14s_18	80 75 70 0 2 4 6 8 10 12 log loss algorithm ChainMetaModelPowell ConfPortfolio_scale2_scale=1.3_ngopt14s_14	88 85 85 70 75 70 65 0 2 4 6 8 10 12 log loss algorithm MetaModel ConfPortfolio_scale2_scale=1.3_ngopt14s_17
MetaModelOnePlusOne — MetaModel Dimensions: 5, Budget: 200 100 80 80 40 40 40	MetaModel — CMA Dimensions: 5, Budget: 300 100 80 40 40	MetaModel — CMA Dimensions: 5, Budget: 500	ChainMetaModelPowell MetaModel Dimensions: 5, Budget: 1000 100 - 90 - 80 - 80 - 80 - 80 - 80 - 80 -	Dimensions: 5, Budget: 1500 100 - 90 - 80 - 80 - 50 - 40 - 40 -	ConfPortfolio_scale2_scale=1.3_ngopt14s_3 — CMA Dimensions: 5, Budget: 2000 100 - 90 - 80 - 80 - 60 - 50 - 40 - 60 - 60 - 60 - 60 - 60 - 60 - 6	ConfPortfolio_scale2_scale=1.3_ngopt14s_4 ChainMetaModelPowell Dimensions: 5, Budget: 2500	ChainMetaModelPowell MetaModel Dimensions: 5, Budget: 3000 100 - 90 - 80 - 80 - 60 - 60 - 60 - 60 - 60 - 6	ConfPortfolio_scale2_scale=1.3_ngopt14s_5 MetaModel Dimensions: 5, Budget: 3500 100 90 80 70 80 50 40	CMA ChainMetaModelPowell Dimensions: 5, Budget: 4000 100 -	ConfPortfolio_scale2_scale=1.3_ngopt14s_7 — CMA Dimensions: 5, Budget: 4500 100 - 90 - 80 - 80 - 50 - 50 - 50 - 60 - 60 - 60 - 60 - 6	MetaModel ConfPortfolio_scale2_scale=1.3_ngopt14s_7 Dimensions: 5, Budget: 5000 100- 90- 80- 50-	ConfPortfolio_scale2_scale=1.3_ngopt14s_9 CMA Dimensions: 5, Budget: 6000 100 -	ChainMetaModelPowell MetaModel Dimensions: 5, Budget: 7000 100 - 90 - 880 - 880 - 60 - 60 - 60 - 60 - 60 -	ConfPortfolio_scale2_scale=1.3_ngopt14s_11 ChainMetaModelPowell Dimensions: 5, Budget: 8000 90 -	ConfPortfolio_scale2_scale=1.3_ngopt14s_17 ConfPortfolio_scale2_scale=1.3_ngopt14s_13 — MetaModel Dimensions: 5, Budget: 9000 100 - 90 - 880 - 70 - 70 - 70 - 70 - 70 - 70 -	ConfPortfolio_scale2_scale=1.3_ngopt14s_18 ConfPortfolio_scale2_scale=1.3_ngopt14s_18 ChainMetaModelPowell Dimensions: 5, Budget: 10000 90 - 8 80 - 8 80 - 60 - 60 - 60 - 60 - 60
Dimensions: 10, Budget: 200 Dimensions: 10, Budget: 200 100 80 80 80 80 80 80 80 80	20 - 100	Dimensions: 10, Budget: 500	Jog loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA MetaModel Dimensions: 10, Budget: 1000	Dimensions: 10, Budget: 1500	30 - 0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA — MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell Dimensions: 10, Budget: 2000	Dimensions: 10, Budget: 2500	30 - 0 2 4 6 8 10 log loss algorithm ChainMetaModelPowell CMA ConfPortfolio_scale2_NA_ngopt14s_7 MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 10, Budget: 3000	algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ConfPortfolio_scale2_NA_ngopt14s_7 CMA ChainMetaModelPowell MetaModel Dimensions: 10, Budget: 3500	30 - 0 2 4 6 8 10 O 2 4 6 8 10 Iog loss algorithm ChainMetaModelPowell CMA MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 ConfPortfolio_scale2_NA_ngopt14s_8 Dimensions: 10, Budget: 4000	algorithm CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ConfPortfolio_scale2_NA_ngopt14s_8 Dimensions: 10, Budget: 4500	algorithm ConfPortfolio_scale2_NA_ngopt14s_9 ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 CMA MetaModel Dimensions: 10, Budget: 5000	A0 O 2 4 6 8 10 log loss algorithm CMA MetaModel ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_9 ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 10, Budget: 6000	algorithm CMA ConfPortfolio_scale2_NA_ngopt14s_10 ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel Dimensions: 10, Budget: 7000	Suman	algorithm CMA MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_11 Dimensions: 10, Budget: 9000	Dimensions: 10, Budget: 10000
O 2 4 6 8 10 log loss algorithm Cobyla ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 15, Budget: 200 100 80 80 80 80 80 80 80 80 80 80 80 80 8	O	Ding loss algorithm ChainMetaModelPowell MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 15, Budget: 500	Dimensions: 15, Budget: 1000	O 2 4 6 8 10 log loss algorithm — CMA — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell — MetaModel — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 15, Budget: 1500	Dimensions: 15, Budget: 2000	O 2 4 6 8 10 log loss algorithm — CMA — MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 15, Budget: 2500 100 - 90 - 80 - 70 - 40 - 30 - 40 - 4	30 - O 2 4 6 8 10 log loss algorithm MetaModel — CMA — ChainMetaModelPowell — ConfPortfolio_scale2_NA_ngopt14s_1 — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 15, Budget: 3000 100 - 90 - 80 - 40 - 40 - 30 - 40 - 40 - 30 - 40 - 4	30 - 0 2 4 6 8 10 log loss algorithm MetaModel CMA ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell Dimensions: 15, Budget: 3500	Joa loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModel ChainMetaModelPowell CMA ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 15, Budget: 4000	O 2 4 6 8 10 log loss algorithm ChainMetaModelPowell CMA ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModel Dimensions: 15, Budget: 4500	O 2 4 6 8 10 log loss algorithm ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel CMA Dimensions: 15, Budget: 5000	30 - log loss algorithm — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA — MetaModel — ChainMetaModelPowell — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 15, Budget: 6000	30 - 0 2 4 6 8 10 log loss algorithm MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 — CMA — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ChainMetaModelPowell Dimensions: 15, Budget: 7000	30 - 0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA — MetaModel — ChainMetaModelPowell — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 15, Budget: 8000	30 0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_scale=1.3_ngopt14s_2 CMA ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel Dimensions: 15, Budget: 9000	100
Dimensions: 20, Budget: 200 100 80 80 80 80 80 80 80 80	Dimensions: 20, Budget: 300 Dimensions: 20, Budget: 300 100 80 40 40 20 101 102 44 68 88 10 103 104 105 106 88 10 107 107 107 107 107 107	log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla MetaModelOnePlusOne Dimensions: 20, Budget: 500	O 2 4 6 8 10 log loss algorithm ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModelOnePlusOne Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 20, Budget: 1000 100 - 80 - 80 - 20 -	0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell Cobyla MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 20, Budget: 1500	O 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell CMA MetaModel Dimensions: 20, Budget: 2000	0 2 4 6 8 10 log loss algorithm MetaModel CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 20, Budget: 2500	O 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel CMA ChainMetaModelPowell Dimensions: 20, Budget: 3000 100 90 80 70 80 40 30	O 2 4 6 8 10 log loss algorithm ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 20, Budget: 3500 100- 90- 80- 50- 40- 30-	O 2 4 6 8 10 log loss algorithm — CMA — MetaModel — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell Dimensions: 20, Budget: 4000	Dimensions: 20, Budget: 4500	O 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModel ChainMetaModelPowell Dimensions: 20, Budget: 5000	O 2 4 6 8 10 loa loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA MetaModel Dimensions: 20, Budget: 6000	0 2 4 6 8 10 log loss algorithm MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 CMA Dimensions: 20, Budget: 7000 100 - 90 - 80 - 80 - 80 - 40 -	O 2 4 6 8 10 log loss algorithm MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA Dimensions: 20, Budget: 8000 100 - 90 - 80 - 50 - 40 - 50 - 40 - 60 - 60 - 60 - 60 - 60 - 60 - 6	O 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA MetaModel Dimensions: 20, Budget: 9000	O 2 4 6 8 10 log loss algorithm ChainMetaModelPowell MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2 CMA Dimensions: 20, Budget: 10000
O -	Dimensions: 25, Budget: 300 Dimensions: 25, Budget: 300 Standard Standa	log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla ChainMetaModelPowell MetaModelOnePlusOne Dimensions: 25, Budget: 500	Dimensions: 25, Budget: 1000	Dimensions: 25, Budget: 1500	20 - 0 2 4 6 8 10 log loss algorithm MetaModel Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 25, Budget: 2000	Dimensions: 25, Budget: 2500	Dimensions: 25, Budget: 3000	Dimensions: 25, Budget: 3500	Dimensions: 25, Budget: 4000	0 2 4 6 8 10 log loss algorithm MetaModel CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell Dimensions: 25, Budget: 4500	Jog loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 CMA Dimensions: 25, Budget: 5000	Jog loss algorithm MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell CMA Dimensions: 25, Budget: 6000	Dimensions: 25, Budget: 7000	Jog loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell MetaModel CMA ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 25, Budget: 8000	30 - 0 2 4 6 8 10 log loss algorithm	Jog loss algorithm ChainMetaModelPowell CMA ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModel Dimensions: 25, Budget: 10000
O -	Dimensions: 30, Budget: 300 Dimensions: 30, Budget: 300 100 80 40 20 101 102 44 68 88 10 103 104 105 106 87 88 10 107 107 107 107 107 1	O 2 4 6 8 10 log loss algorithm MetaModelOnePlusOne Cobyla CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 30, Budget: 500	Dimensions: 30, Budget: 1000	Dimensions: 30, Budget: 1500	Dimensions: 30, Budget: 2000	Dimensions: 30, Budget: 2500	30 - 0 2 4 6 8 log loss algorithm MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ChainMetaModelPowell — CMA Dimensions: 30, Budget: 3000	30 - 0 2 4 6 8 10 log loss algorithm — ConfPortfolio_scale2_NA_ngopt14s_1 — MetaModel — CMA — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 30, Budget: 3500	Dimensions: 30, Budget: 4000	Jog loss log loss algorithm MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 30, Budget: 4500	30 - 0 2 4 6 8 10 log loss algorithm MetaModel — CMA — ConfPortfolio_scale2_NA_ngopt14s_1 — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ChainMetaModelPowell Dimensions: 30, Budget: 5000 90 - 80 - 50 - 40 - 50 - 40 - 60 - 60 - 60 - 60 - 60 - 60 - 6	30 - 0 2 4 6 8 10 log loss algorithm MetaModel — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell Dimensions: 30, Budget: 6000	30 -	30 - 0 2 4 6 8 10 log loss algorithm — ConfPortfolio_scale2_NA_ngopt14s_1 — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — MetaModel — ChainMetaModelPowell — CMA Dimensions: 30, Budget: 8000	Jog loss algorithm CMA MetaModel ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 30, Budget: 9000	Dimensions: 30, Budget: 10000
Dimensions: 35, Budget: 200	Dimensions: 35, Budget: 300	Dimensions: 35, Budget: 500	Dimensions: 35, Budget: 1000	Dimensions: 35, Budget: 1500	Dimensions: 35, Budget: 2000	20 - 0 2 4 6 8 10 log loss algorithm — CMA — Cobyla — MetaModelOnePlusOne — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 35, Budget: 2500	Dimensions: 35, Budget: 3000	Dimensions: 35, Budget: 3500	30 - 0 2 4 6 8 10 log loss algorithm MetaModel ChainMetaModelPowell CMA ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 35, Budget: 4000	Jog loss algorithm — CMA — ChainMetaModelPowell — MetaModel — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 35, Budget: 4500	30 - 0 2 4 6 8 10 log loss algorithm MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 35, Budget: 5000	30 0 2 4 6 8 10 log loss algorithm MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ChainMetaModelPowell — CMA Dimensions: 35, Budget: 6000	Jog loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 CMA Dimensions: 35, Budget: 7000	30 0 2 4 6 8 10 log.loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 CMA MetaModel ChainMetaModelPowell Dimensions: 35, Budget: 8000	Dimensions: 35, Budget: 9000	30 - 0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin: CMA ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel Dimensions: 35, Budget: 10000
0 - 0 2 4 6 8 10 log loss algorithm CMA Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne Dimensions: 40, Budget: 200 100 80 - 80 - 80 - 80 - 80 - 80 - 80 - 8	O 2 4 6 8 10 log loss algorithm — CMA — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — MetaModelOnePlusOne — Cobyla — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 40, Budget: 300 100 80 - 80 - 80 - 80 - 80 - 80 - 80 - 8	Dimensions: 40, Budget: 500	Dimensions: 40, Budget: 1000	Dimensions: 40, Budget: 1500	Dimensions: 40, Budget: 2000	Dimensions: 40, Budget: 2500	Dimensions: 40, Budget: 3000	20 - 0 2 4 6 8 10 log loss algorithm Cobyla — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ChainMetaModelPowell — CMA — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 40, Budget: 3500	20 - 0 2 4 6 8 10 log loss algorithm — CMA — Cobyla — ChainMetaModelPowell — ConfPortfolio_scale2_NA_ngopt14s_1 — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 40, Budget: 4000 100 - 80 - 40 - 40 - 40 - 40 - 40 - 40 -	Dimensions: 40, Budget: 4500	30 -	30 - 0 2 4 6 8 10 log loss algorithm — CMA — MetaModel — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 40, Budget: 6000 100 - 90 - 80 - 80 - 80 - 80 - 80 - 80 -	30 - 0 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 CMA ChainMetaModelPowell MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 40, Budget: 7000 100 - 90 - 80 - 70 - 40 - 40 - 40 - 40 - 40 - 40 - 4	Jog loss algorithm CMA MetaModel ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 40, Budget: 8000	30 - 0 2 4 6 8 10 log loss algorithm ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 CMA MetaModel Dimensions: 40, Budget: 9000 100 - 90 - 80 - 80 - 80 - 80 - 80 - 80 -	30 - 0 2 4 6 8 10 log loss algorithm — CMA — MetaModel — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin: Dimensions: 40, Budget: 10000 100 - 90 - 80 - 50 - 40 - 50 - 40 - 60 - 60 - 60 - 60 - 60 - 60 - 6
Dimensions: 45, Budget: 200 100 80 80 80 100 100 80 80 8	Dimensions: 45, Budget: 300 Dimensions: 45, Budget: 300 Standard	Degrithm MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 45, Budget: 500	Dimensions: 45, Budget: 1000	Dimensions: 45, Budget: 1500	O 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 CMA MetaModelOnePlusOne Dimensions: 45, Budget: 2000	Dimensions: 45, Budget: 2500	Dimensions: 45, Budget: 3000	O 2 4 6 8 10 log loss algorithm Cobyla — CMA — MetaModelOnePlusOne — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ChainMetaModelPowell Dimensions: 45, Budget: 3500	Dimensions: 45, Budget: 4000	Dimensions: 45, Budget: 4500	Dimensions: 45, Budget: 5000	30 -	30 0 2 4 6 8 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel CMA ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 45, Budget: 7000	30 - O 2 4 6 8 10 log loss algorithm CMA — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — MetaModel Dimensions: 45, Budget: 8000 100 - O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 - 0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 CMA ChainMetaModelPowell MetaModel Dimensions: 45, Budget: 9000	30 - 0 2 4 6 8 10 log loss algorithm MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin: CMA ChainMetaModelPowell Dimensions: 45, Budget: 10000
0 2 4 6 8 10 log loss algorithm MetaModelOnePlusOne CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 50, Budget: 200 100 80 80 80 80 80 80 80 80	Dimensions: 50, Budget: 300 Dimensions: 50, Budget: 300 100 80 40 20 100 2 4 6 8 10 100 100 100 100 80 2 4 6 8 10 100 100 80 40 20 20 20	Dimensions: 50, Budget: 500	Dimensions: 50, Budget: 1000	Dimensions: 50, Budget: 1500	O 2 4 6 8 10 log loss algorithm CMA Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne Dimensions: 50, Budget: 2000	Dimensions: 50, Budget: 2500	Dimensions: 50, Budget: 3000	Dimensions: 50, Budget: 3500	Dimensions: 50, Budget: 4000	20 - 0 2 4 6 8 10 log loss algorithm — CMA — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — Cobyla — ConfPortfolio_scale2_NA_ngopt14s_1 — ChainMetaModelPowell Dimensions: 50, Budget: 4500	Dimensions: 50, Budget: 5000	20 -	Dimensions: 50, Budget: 7000	30 -	30 - 0 2 4 6 8 log loss algorithm ChainMetaModelPowell CMA MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 50, Budget: 9000	Jog loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2 CMA ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel Dimensions: 50, Budget: 10000
0 - 0.0 0.5 1.0 1.5 2.0 2.5 3.0 log loss algorithm — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — MetaModelOnePlusOne — ConfPortfolio_scale2_NA_ngopt14s_1 — CMA — Cobyla — Dimensions: 60, Budget: 200 100 - 80 40 40 40 20 40 40 40 40 40 40 40 40 40 40 40 40 40	Dimensions: 60, Budget: 300 Dimensions: 60, Budget: 300 100 80 40 20 100 2		O 2 4 6 8 10 log loss algorithm CMA MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 60, Budget: 1000	Dimensions: 60, Budget: 1500	O 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Cobyla MetaModelOnePlusOne Dimensions: 60, Budget: 2000	Ding loss algorithm Cobyla MetaModelOnePlusOne CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 60, Budget: 2500	Dimensions: 60, Budget: 3000	Dimensions: 60, Budget: 3500	Dimensions: 60, Budget: 4000	Dimensions: 60, Budget: 4500	Dimensions: 60, Budget: 5000	20 - 0 2 4 6 8 10 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 CMA ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla Dimensions: 60, Budget: 6000	Dimensions: 60, Budget: 7000	Jog loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Dimensions: 60, Budget: 8000	Jog loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel Dimensions: 60, Budget: 9000	30 - 0 2 4 6 8 log loss algorithm — CMA — ParametrizedMetaModel(multivariate_optimizer=CmaFmin) — ChainMetaModelPowell — ConfPortfolio_scale2_NA_ngopt14s_1 — MetaModel Dimensions: 60, Budget: 10000
0 - 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 log loss algorithm Cobyla	0 - 0.0 0.5 1.0 1.5 2.0 2.5 3.0 log loss algorithm — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — MetaModelOnePlusOne — CMA — ConfPortfolio_scale2_scale=1.3_ngopt14s_16 Cobyla Dimensions: 70, Budget: 300 100 80 40 - 20 - 20		Dimensions: 70, Budget: 1000				O 2 4 6 8 10 log loss algorithm CMA ConfPortfolio_scale2_NA_ngopt14s_1 Cobyla MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 70, Budget: 3000	0 2 4 6 8 10 log loss algorithm MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 70, Budget: 3500	Dimensions: 70, Budget: 4000	Dimensions: 70, Budget: 4500	Dimensions: 70, Budget: 5000	log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell Dimensions: 70, Budget: 6000	Dimensions: 70, Budget: 7000	Dimensions: 70, Budget: 8000	Dimensions: 70, Budget: 9000	Jog loss algorithm CMA ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 70, Budget: 10000
0	O - 0.0 0.5 1.0 1.5 2.0 2.5 log loss algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla MetaModelOnePlusOne CMA Dimensions: 80, Budget: 300	Dimensions: 80, Budget: 500	Dimensions: 80, Budget: 1000	Dimensions: 80, Budget: 1500	MetaModelOnePlusOne — CMA — Cobyla — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 80, Budget: 2000	Dimensions: 80, Budget: 2500	O 2 4 6 8 10 log loss algorithm Cobyla MetaModelOnePlusOne CMA ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 80, Budget: 3000	Dimensions: 80, Budget: 3500	Dimensions: 80, Budget: 4000	Dimensions: 80, Budget: 4500	log loss algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 MetaModelOnePlusOne	Dimensions: 80, Budget: 6000	Dimensions: 80, Budget: 7000	0 2 4 6 8 10 log loss algorithm MetaModelOnePlusOne Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 80, Budget: 8000	Dimensions: 80, Budget: 9000	20 - 0 2 4 6 8 10 log loss algorithm ChainMetaModelPowell Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel CMA Dimensions: 80, Budget: 10000
0	0 - 0.0 0.5 1.0 1.5 2.0 2.5 3.0 log loss algorithm MetaModelOnePlusOne Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 CMA ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 90, Budget: 300 100 - 80 - 80 - 80 - 80 - 80 - 80 - 80 -	0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 log loss algorithm — CMA — ConfPortfolio_scale2_NA_ngopt14s_1 — MetaModelOnePlusOne — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — Cobyla Dimensions: 90, Budget: 500	O 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 MetaModelOnePlusOne Dimensions: 90, Budget: 1000	Dimensions: 90, Budget: 1500	Dimensions: 90, Budget: 2000	O 2 4 6 8 10 log loss algorithm Cobyla CMA MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 90, Budget: 2500	Dimensions: 90, Budget: 3000	Dimensions: 90, Budget: 3500	Dimensions: 90, Budget: 4000	Dimensions: 90, Budget: 4500	Dimensions: 90, Budget: 5000	O 2 4 6 8 10 12 log loss algorithm Cobyla MetaModelOnePlusOne ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 90, Budget: 6000 100- 80- 80- 80- 20-	Dimensions: 90, Budget: 7000	O 2 4 6 8 10 12 log loss algorithm Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne ChainMetaModelPowell Dimensions: 90, Budget: 8000	algorithm MetaModelOnePlusOne ChainMetaModelPowell Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 CMA Dimensions: 90, Budget: 9000	20 - 0 2 4 6 8 10 log loss algorithm — CMA — MetaModelOnePlusOne — ChainMetaModelPowell — Cobyla — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 90, Budget: 10000
0 - 0.0 0.5 1.0 1.5 2.0 2.5 3.0 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 CMA Dimensions: 100, Budget: 200 100 - 80 - 80 - 80 - 80 - 80 - 80 - 80 -	0 - 0.0 0.5 1.0 1.5 2.0 2.5 3.0 log loss algorithm — ConfPortfolio_scale2_NA_ngopt14s_1 — MetaModelOnePlusOne — Cobyla — CMA — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Dimensions: 100, Budget: 300 100 - 80 - 60 - 60 - 60 - 60 - 60 - 60 -	Dimensions: 100, Budget: 500	Dimensions: 100, Budget: 1000	O 2 4 6 8 10 log loss algorithm Cobyla — ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) — CMA — ConfPortfolio_scale2_NA_ngopt14s_1 — MetaModelOnePlusOne Dimensions: 100, Budget: 1500	Dimensions: 100, Budget: 2000	Dimensions: 100, Budget: 2500	Dimensions: 100, Budget: 3000	Dimensions: 100, Budget: 3500	20 - 0 2 4 6 8 10 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell Dimensions: 100, Budget: 4000	Dimensions: 100, Budget: 4500	Dimensions: 100, Budget: 5000	Dimensions: 100, Budget: 6000	O 2 4 6 8 10 12 log loss algorithm ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla Dimensions: 100, Budget: 7000	0 2 4 6 8 10 12 log loss algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 Cobyla MetaModelOnePlusOne Dimensions: 100, Budget: 8000	Dimensions: 100, Budget: 9000	20 - 0 2 4 6 8 10 log loss algorithm MetaModelOnePlusOne — ChainMetaModelPowell — Cobyla — ParametrizedMetaModel(multivariate_optimizer=CmaFmin: — ConfPortfolio_scale2_NA_ngopt14s_1 Dimensions: 100, Budget: 10000