	confPortfolio_scale2_scale=1.3_ngopt14s_18  oice: ConfPortfolio_scale2_NA_ngopt14s_12  94 algorithm 292  MetaModel	ConfPortfolio_scale2_scale=1.3_ngopt14s_13 ConfPortfolio_scale2_scale=1.3_ngopt14s_19 ConfPortfolio_scale2_scale=1.3_ngopt14s_19 ChainMetaModelPowell  ce: ConfPortfolio_scale2_scale=1.3_ngopt14s_2	algorithm  CMA  MetaModel  ConfPortfolio_scale2_scale=1.3_ngopt14s_2  ConfPortfolio_scale2_scale=1.3_ngopt14s_4  ConfPortfolio_scale2_scale=1.3_ngopt14s_5  175	algorithm el zedMetaModel(multivariate_optimizer=CmaFmin2) aModelPowell olio_scale2_NA_ngopt14s_1	algorithm el zedMetaModel(multivariate_optimizer=CmaFmin2) aModelPowell olio_scale2_NA_ngopt14s_1  80  80  80	algorithm zedMetaModel(multivariate_optimizer=CmaFmin2) aModelPowell olio_scale2_NA_ngopt14s_1  77 77  GOpt choice: ChainMetaModelPowell	algorithm zedMetaModel(multivariate_optimizer=CmaFmin2) el 97 aModelPowell olio_scale2_NA_ngopt14s_1  77 77  GOpt choice: ChainMetaModelPowell	algorithm zedMetaModel(multivariate_optimizer=CmaFmin2) olio_scale2_NA_ngopt14s_1 aModelPowell  96  96  GOpt choice: ChainMetaModelPowell  algorithm	aModelPowell plio_scale2_NA_ngopt14s_1 el  33  93  93  GOpt choice: ChainMetaModelPowell  algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2)	aModelPowell plio_scale2_NA_ngopt14s_1  GOpt choice: ChainMetaModelPowell  algorithm plio_scale2_NA_ngopt14s_1 aModelPowell el	GOpt choice: ChainMetaModelPowell  algorithm olio_scale2_NA_ngopt14s_1 aModelPowell zedMetaModel(multivariate_optimizer=CmaFmin2)	GOpt choice: ChainMetaModelPowell  algorithm ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell Cobyla CMA MetaModel
	. Dimensions: 5, Budget: 10000, NGC 295 295		239 232 150	190	Dimensions: 20, Budget: 10000, NGOpt choice: Par  124    CMA	Dimensions: 25, Budget: 10000,    116	imaFmin2)  100  Parame  MetaMo  CMA  ChainN  ConfPo  Dimensions: 35, Budget: 100	Parame ConfPoi ChainM CMA MetaM  Dimensions: 40, Budget: 100	Parame CMA ChainM ConfPo MetaM  93  Dimensions: 45, Budget: 100  Para  Para  CMA ChainM Para  ConfPo Para  CMA ChainM Para  CMA	93 98 MetaMc ChainM ConfPo  Dimensions: 50, Budget: 100  118 118 Cont Chai Met:	Dimensions: 60, Budget: 100  111  111  Conf Chai Parame	Dimensions: 70, Budget: 1000
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	ce: ConfPortfolio_scale2_NA_ngopt14s_11  algorithm ChainMetaModelPowell	MetaModel ConfPortfolio_scale2_NA_ngopt14s_1 ConfPortfolio_scale2_scale=1.3_ngopt14s_21  ConfPortfolio_scale2_scale=1.3_ngopt14s_1  Dim	algorithm  MetaModel(multivariate_optimizer=CmaFmin2) odelPowell _scale2_NA_ngopt14s_1  142  142	algorithm 172	algorithm  MetaModel(multivariate_optimizer=CmaFmin2)  odelPowell _scale2_NA_ngopt14s_1  MetaModel(multivariate_optimizer=CmaFmin2)  odelPowell _scale2_NA_ngopt14s_1  MetaModel(multivariate_optimizer=CmaFmin2)  odelPowell _scale2_NA_ngopt14s_1	choice: ChainMetaModelPowell  algorithm MetaModel(multivariate_optimizer=CmaFmin2)  odelPowell _scale2_NA_ngopt14s_1  86  86  86  Opt choice: ChainMetaModelPowell	algorithm MetaModel(multivariate_optimizer=CmaFmin2)  odelPowell _scale2_NA_ngopt14s_1  83  83  Opt choice: ChainMetaModelPowell	Algorithm  MetaModel(multivariate_optimizer=CmaFmin2) _scale2_NA_ngopt14s_1	scale2_NA_ngopt14s_1 delPowell MetaModel(multivariate_optimizer=CmaFmin2)  100  100  2pt choice: ChainMetaModelPowell  algorithm algorithm 107  ModelPowell	MetaModel(multivariate_optimizer=CmaFmin2)  89  89  Opt choice: ChainMetaModelPowell  algorithm lio_scale2_NA_ngopt14s_1 iModelPowell  zedMetaModel(multivariate_optimizer=CmaFmin2)	Opt choice: ChainMetaModelPowell  algorithm lio_scale2_NA_ngopt14s_1 ModelPowell  zedMetaModel(multivariate_optimizer=CmaFmin2)	Ppt choice: MetaModelOnePlusOne  algorithm io_scale2_NA_ngopt14s_1 ModelPowell :edMetaModel(multivariate_optimizer=CmaFmin2)
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	ensions: 5, Budget: 7000, NGOpt choice: ConfPortfolio_scale2_NA_ngopt14s_10  283  ChainMetaModelPowell	MetaModel CMA ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)	algorithm  CMA  MetaModel  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1	algorithm	algorithm  CMA  MetaModel  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1	Dimensions: 25, Budget: 7000, NGOpt choice: ChainMetaModelPowell  algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA MetaModel ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1  Dimensions: 30, Budget: 7000, NGOpt choice: ChainMetaModelPowell	algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  MetaModel0  CMA  Dimensions: 35, Budget: 7000, NGOpt choice: ChainMetaModelPowell	ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA MetaModel 102 102  Dimensions: 40, Budget: 7000, NGOpt choice: ChainMetaModelPowell algorithm	Dimensions: 45, Budget: 7000, NGOpt choice: ChainMetaModelPowell	77 67 61 Dimensions: 50, Budget: 7000, NGOpt choice: ChainMetaModelPowell	Dimensions: 60, Budget: 7000, NGOpt choice: MetaModelOnePlusOne  algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmir Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell	Dimensions: 70, Budget: 7000, NGOpt choice: MetaModelOnePlusOne  algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaFmin  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  CMA
	Opt choice: ConfPortfolio_scale2_NA_ngopt14s_9  Displays algorithm algorithm 287 minMetaModelPowell	odel  ortfolio_scale2_NA_ngopt14s_1 etrizedMetaModel(multivariate_optimizer=CmaFmin2)  SOpt choice: ConfPortfolio_scale2_NA_ngopt14s_1  Di	algorithm  odel AetaModelPowell ortfolio_scale2_NA_ngopt14s_1 etrizedMetaModel(multivariate_optimizer=CmaFmin2)  154  154  150	algorithm 132	algorithm ortfolio_scale2_NA_ngopt14s_1 AetaModelPowell lodel letrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dimensions: 20, B  112	algorithm ortfolio_scale2_NA_ngopt14s_1 MetaModelPowell 122 etrizedMetaModel(multivariate_optimizer=CmaFmin2) lodel  pudget: 6000, NGOpt choice: CMA	algorithm etrizedMetaModel(multivariate_optimizer=CmaFmin2) ortfolio_scale2_NA_ngopt14s_1 AetaModelPowell lodel  102 101  audget: 6000, NGOpt choice: CMA	sudget: 6000, NGOpt choice: CMA	Budget: 6000, NGOpt choice: CMA	Budget: 6000, NGOpt choice: CMA	000, NGOpt choice: MetaModelOnePlusOne	JO, NGOpt choice: MetaModelOnePlusOne  algorithm yla imetrizedMetaModel(multivariate_optimizer=CmaFmin2) A aModel iinMetaModelPowell
	Dimensions: 5, Budget: 6000, NGOpf  293  Chain	MetaMod CMA ConfPortf Parametr  Dimensions: 10, Budget: 6000, NGOr	223  CMA  MetaMod  ChainMei  ConfPorti  Parameti	131	128 128 ConfPortf ChainMel CMA MetaMoc Paramet	Dimensions: 25, Budget:  132  ConfPortf ChainMei Parameti MetaMoc CMA  Dimensions: 30, Bud	Dimensions: 35, Bud	Dimensions: 40, Budget:	Dimensions: 45, Budget:	Dimensions: 50, Budget:	Dimensions: 60, Budget: 6000, NC	Dimensions: 70, Budget: 6000,  157  Cobyla Param CMA MetaW Chain!
	3udget: 5000, NGOpt choice: ConfPortfolio_scale2_NA_ngopt14s_9  280  algorithm 280	ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)	algorithm  CMA  MetaModel ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  142	algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  CMA  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel  Dimensions: 30, Budget: 5000, NGOpt choice: CMA	algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  MetaModel  CMA   111  111  87  Dimensions: 35, Budget: 5000, NGOpt choice: CMA	92 Dimensions: 40, Budget: 5000, NGOpt choice: CMA	79 79 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	73 73 73 73 Pinensions: 50, Budget: 5000, NGOpt choice: CMA	ns: 60, Budget: 5000, NGOpt choice: MetaModelOnePlusOne	s: 70, Budget: 5000, NGOpt choice: MetaModelOnePlusOne  algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  CMA  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1
	NA_ngopt14s_8  Dimensions: 5, I  283  285	e_optimizer=CmaFmin2)  piriate_optimizer=CmaFmin2)  Dimensions: 10, Budget: 50	e_optimizer=CmaFmin2)  1  165	riate_optimizer=CmaFmin2) 125 125 125	e_optimizer=CmaFmin2)  Dimensions: 20, Budget: 5000, 128  124	e_optimizer=CmaFmin2) 1 125	e_optimizer=CmaFmin2)  1111  79	102 102 103 104 105	75 75 No. 10 No.	73 73 PinePlusOne	70 70  PePlusOne  Dimensions:	7 57  SPlusOne  Dimension  171  iate_optimizer=CmaFmin2)
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	ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  udget: 4000, NGOpt choice: ConfPortfolio_scale2_NA_ngopt14s_8  algorithm  CMA  264  278	ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  D, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)	algorithm  CMA  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel  126  126  126	algorithm  CMA 124 124  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel	Dime  algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  CMA  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel  Dime  129	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel CMA  100	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell Cobyla  105 105 90  pimensions: 35, Budget: 4000, NGOpt choice: CMA	97 97 97 97 97 97 97 97 97 97 97 97 97 9	5: 45, Budget: 4000, NGOpt choice: MetaModelOnePlusOne	68 68 68 68 st. 50, Budget: 4000, NGOpt choice: MetaModelOnePlusOne	s: 60, Budget: 4000, NGOpt choice: MetaModelOnePlusOne	s: 70, Budget: 4000, NGOpt choice: MetaModelOnePlusOne  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1
	ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  et: 3500, NGOpt choice: ConfPortfolio_scale2_NA_ngopt14s_7  Dim CMA  262  272	ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  GOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dimensions: 10,	algorithm  CMA  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel 7  117	algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  CMA  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel CMA  103	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModel MetaModel CMA 126 126  93  passions: 30, Budget: 3500, NGOpt choice: CMA	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel  97 97 97 97 97	92 92 92 	5, Budget: 3500, NGOpt choice: MetaModelOnePlusOne	60 60 60 00 00 00 00 00 00 00 00 00 00 0	0, Budget: 3500, NGOpt choice: MetaModelOnePlusOne	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1
	Sudget: 3000, NGOpt choice: ConfPortfolio_scale2_NA_ngopt14s_7  CMA  CMA  ConfPortfolio_scale2_NA_ngopt14s_7  CMA  CMA  CMA  ConfPortfolio_scale2_NA_ngopt14s_7  CMA  CMA  CMA  CMA  CMA  CMA  CMA  CM	ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Do, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dimensions:	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel  113 113 113 113	algorithm  CMA 121 121 121  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ChainMetaModelPowell  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel2 CMA  95	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel Cobyla  96	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  94 91 91 91 Dimensions: 35, Budget: 3000, NGOpt choice: CMA	92 86 86 86 85 85 85 85 85 85 85 85 85 85 85 85 85	71 57 57 ons: 45, Budget: 3000, NGOpt choice: MetaModelOnePlusOne	54 54 ss: 50, Budget: 3000, NGOpt choice: MetaModelOnePlusOne	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  58 53 53 imensions: 60, Budget: 3000, NGOpt choice: Cobyla  algorithm algorithm 192 Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA	mensions: 70, Budget: 3000, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell
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	CmaFmin2)  Dimensions: 5, Budget: 2500, NGOpt c  267	maFmin2)  Dimensions: 10, Budget: 2500, NGOpt	145 maFmin2) 138	=CmaFmin2) 124 122	aFmin2) Dimensions: 20, Budget: 2500, NGOpt choi  150  maFmin2)  97	Dimensions: 2!  maFmin2)  118  Dimensions:	79 Dimension:	71 Dimensions: 40, Budget	Dimensions: 45, Budget	Dimensions: 50,	118 Dimensions: 60,	141  Dimensions:  237
	ParametrizedMetaModel(multivariate_optimizer=CmaFminusers)  nensions: 5, Budget: 2000, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFminusers)  algorithm  CMA	ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel7 ChainMetaModelPowell ParametrizedMetaModel(multivariate_optimizer=CmaFi	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFi CMA ChainMetaModelPowell ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel  122 122	algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaF  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  MetaModel  CMA	ensions: 20, Budget: 2000, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmalgorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmalgorithm)  Cobyla  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  MetaModel  97  97  97	Dimensions: 25, Budget: 2000, NGOpt choice: CMA  algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFlood) Cobyla MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  83  Dimensions: 30, Budget: 2000, NGOpt choice: CMA	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFi Cobyla MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  107  79  Dimensions: 35, Budget: 2000, NGOpt choice: MetaModelOnePlusOne	Dimensions: 40, Budget: 2000, NGOpt choice: Cobyla	B2  44  Dimensions: 45, Budget: 2000, NGOpt choice: Cobyla	Dimensions: 50, Budget: 2000, NGOpt choice: Cobyla	Dimensions: 60, Budget: 2000, NGOpt choice: Cobyla	Dimensions: 70, Budget: 2000, NGOpt choice: Cobyla  algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaF)  MetaModelOnePlusOne  CMA  ChainMetaModelPowell
ConfPortfolio_scale2_NA_ngopt14s_1  Budget: 1500, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  280  CMA  CMA  ConfPortfolio_scale2_NA_ngopt14s_1  MetaModel ChainMetaModelPowell	, Budget: 1500, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  280  274  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModel  ChainMetaModel(multivariate_optimizer=CmaFmin2)  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Budget: 1500, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  293  293  294  205  207  208  209  209  209  209  209  209  209	Budget: 1500, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) CMA ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell  114 114 114  DimetaModel: Dimeta	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel CMA  91  Splan  Budget: 1500, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dime	algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Cobyla  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  MetaModel2  102  Dime  Dime  Algorithm  132  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dime  Algorithm  132  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dime  Dime	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) Cobyla MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  96  87  87  87	Dimensions: 25, Budget: 1500, NGOpt choice: CMA  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  126  72 72 72 Dimensions: 30, Budget: 1500, NGOpt choice: Cobyla	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  103 73 73 73 Dimensions: 35, Budget: 1500, NGOpt choice: Cobyla	Algorithm  Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  150  Dimensions: 40, Budget: 1500, NGOpt choice: Cobyla algorithm  187	algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  MetaModelOnePlusOne  CMA  ChainMetaModelPowell  77  34  34  Dimensions: 45, Budget: 1500, NGOpt choice: Cobyla  algorithm  Cobyla  ParametrizedMetaModel(multivariate optimizer=CmaFmin2)  ParametrizedMetaModel(multivariate optimizer=CmaFmin2)	algorithm  Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  153  Dimensions: 50, Budget: 1500, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne	ChainMetaModelPowell  152  63  34  34  34  34  ChainMetaModelPowell  Dimensions: 60, Budget: 1500, NGOpt choice: Cobyla  algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  MetaModelOnePlusOne  CMA	Dimensions: 70, Budget: 1500, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell
	ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dimensions: 1  algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)	CMA ConfPortfolio_scale2_NA_ngopt14s_1 MetaModel ChainMetaModelPowell  129 108 108  108  000, NGOpt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  Dimensions: 1	algorithm ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell MetaModel MetaModelOnePlusOne  93	algorithm  Cobyla  MetaModelOnePlusOne  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell	Dimensions: 20, Budget: 1000, NGOpt choice: Cobyla  algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  MetaModelOnePlusOne  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell  75  75  75	Dimensions: 25, Budget: 1000, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  111  58 58 58	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  99 59 59 59 Dimensions: 35, Budget: 1000, NGOpt choice: Cobyla	Dimensions: 40, Budget: 1000, NGOpt choice: Cobyla	64  18  Dimensions: 45, Budget: 1000, NGOpt choice: Cobyla	MetaModelOnePlusOne  CMA ChainMetaModelPowell  77   58  23  23  Dimensions: 50, Budget: 1000, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne	CMA ChainMetaModelPowell  59  18  18  Dimensions: 60, Budget: 1000, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  252	Dimensions: 70, Budget: 1000, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell
	ConfPortfolio_scale2_NA_ngopt14s_1  118  108  108  108  bt choice: ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  176	ChainMetaModelPowell MetaModelOnePlusOne CMA  95  86  76  ons: 10, Budget: 500, NGOpt choice: Cobyla  Dimensions: 10, Budget	algorithm Cobyla MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  83 83 83	algorithm  Cobyla  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  MetaModelOnePlusOne  ConfPortfolio_scale2_NA_ngopt14s_1  ChainMetaModelPowell	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  85  14 14  ons: 30, Budget: 500, NGOpt choice: Cobyla	algorithm  Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  88  12 12 12 ons: 35, Budget: 500, NGOpt choice: Cobyla	ons: 40, Budget: 500, NGOpt choice: Cobyla	ons: 45, Budget: 500, NGOpt choice: Cobyla	MetaModelOnePlusOne  CMA ChainMetaModelPowell  59  9  9 ons: 50, Budget: 500, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne	CMA ChainMetaModelPowell  63  8 8 8 ons: 60, Budget: 500, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA	ons: 70, Budget: 500, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell
	Dimensions: 5, Budget: 50  algorithm  ParametrizedMetaModel(multivariate_optimizer=CmaFmin2)  118  78  Dimensions: 5, Budget: 50	MetaModelOnePlusOne Cobyla ChainMetaModelPowell MetaModel  110  78  78  78  10, Budget: 300, NGOpt choice: Cobyla	algorithm Cobyla MetaModelOnePlusOne ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) ConfPortfolio_scale2_NA_ngopt14s_1 ChainMetaModelPowell  128  70  70  70	algorithm 194	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  112  7 7	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  188  30, Budget: 300, NGOpt choice: Cobyla	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  102  5	algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell  173  40, Budget: 300, NGOpt choice: Cobyla  algorithm 310	66 6 6 45, Budget: 300, NGOpt choice: Cobyla	MetaModelOnePlusOne CMA ChainMetaModelPowell  72  6 6  50, Budget: 300, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne	ChainMetaModelPowell  71  6 6 60, Budget: 300, NGOpt choice: Cobyla  algorithm Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell	80  70, Budget: 300, NGOpt choice: Cobyla  algorithm  Cobyla ParametrizedMetaModel(multivariate_optimizer=CmaFmin2) MetaModelOnePlusOne CMA ChainMetaModelPowell
	200, NGOpt choice: Cobyla  Dimensions: 5, Budget: 300, No lalgorithm elOnePlusOne	zedMetaModel(multivariate_optimizer=CmaFmin2) aModelPowell elo  63 63 63 200, NGOpt choice: Cobyla  Dime	algorithm elOnePlusOne izedMetaModel(multivariate_optimizer=CmaFmin2) olio_scale2_NA_ngopt14s_1 aModelPowell 444  134	algorithm 215	algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne aModelPowell  167	algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne aModelPowell  176  200, NGOpt choice: Cobyla  Dime	algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne aModelPowell  154  07  200, NGOpt choice: Cobyla  Dime	algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne aModelPowell  161  200, NGOpt choice: Cobyla  algorithm  335	zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne aModelPowell  169  200, NGOpt choice: Cobyla algorithm 326  zedMetaModel(multivariate_optimizer=CmaFmin2)	algorithm  algorithm  algorithm  329  izedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne	aModelPowell  169  200, NGOpt choice: Cobyla  algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne	174  09  200, NGOpt choice: Cobyla  algorithm  zedMetaModel(multivariate_optimizer=CmaFmin2) elOnePlusOne aModelPowell
	Dimensions: 5, Budget:  .77  MetaMo	Parametrize Cobyla ChainMetal MetaModel  Dimensions: 10, Budget	Cobyla  MetaModel  Parametriz  ConfPortfol  ChainMeta  14	Dimensions: 15, Budget: 20  Cobyla  MetaModel  Parametriz  CMA  ChainMeta	Cobyla Parametriz MetaModel CMA ChainMeta	Dimensions: 25, Budget: 26  Cobyla Parametriz MetaModel CMA ChainMeta	Cobyla Parametrize MetaModel CMA ChainMeta	Cobyla Parametrize MetaModel CMA ChainMeta	Cobyla Parametrize MetaModel CMA ChainMeta  Dimensions: 45, Budget  Cobyla Parametrize	MetaModels  CMA ChainMetal  170  Dimensions: 50, Budget  Cobyla Paramet MetaMo	Dimensions: 60, Budget  Cobyla Paramet MetaMo CMA	Dimensions: 70, Budget:  Cobyla Paramet MetaMor CMA 198 ChainMe