

dataset	error	execution_time	method	n_tries	search_space
10_features_0.01_error.csv	941,4554469	2,477500916	bipop	30	0,01
10_features_0.01_error.csv	941,9343337	2,11599803	bipop	30	0,1
10_features_0.01_error.csv	940,5098485	1,664901257	ipop	30	0,01
10_features_0.01_error.csv	952,8398896	0,653532028	ipop	30	0,1
10_features_0.1_error.csv	946,4580805	2,613025904	bipop	30	0,01
10_features_0.1_error.csv	947,4210923	2,222440958	bipop	30	0,1
10_features_0.1_error.csv	943,0160154	0,484524965	ipop	30	0,01
10_features_0.1_error.csv	1127,215434	0,644745827	ipop	30	0,1
10_features_0.5_error.csv	937,4526038	2,616722822	bipop	30	0,01
10_features_0.5_error.csv	942,512091	2,666468143	bipop	30	0,1
10_features_0.5_error.csv	929,3049692	0,721336126	ipop	30	0,01
10_features_0.5_error.csv	984,7835189	0,528648138	ipop	30	0,1
100_features_0.01_error.csv	35141,00682	194,55405	bipop	30	0,01
100_features_0.01_error.csv	35308,98149	156,4107442	bipop	30	0,1
100_features_0.01_error.csv	35138,04389	8,723278284	ipop	30	0,01
100_features_0.01_error.csv	35517,17656	6,798106909	ipop	30	0,1
100_features_0.1_error.csv	35138,66816	202,307493	bipop	30	0,01
100_features_0.1_error.csv	35409,29524	178,5653768	bipop	30	0,1
100_features_0.1_error.csv	35132,99619	6,300856829	ipop	30	0,01
100_features_0.1_error.csv	35430,75777	7,977588415	ipop	30	0,1
100_features_0.5_error.csv	35132,74258	192,0144408	bipop	30	0,01
100_features_0.5_error.csv	35340,96065	182,8132451	bipop	30	0,1
100_features_0.5_error.csv	35133,83138	8,56647706	ipop	30	0,01
100_features_0.5_error.csv	47385,49799	6,88515687	ipop	30	0,1
2_features_0.01_error.csv	539,1815047	0,56893301	bipop	30	0,01
2_features_0.01_error.csv	539,0568511	0,470484018	bipop	30	0,1
2_features_0.01_error.csv	540,8329572	0,549858093	ipop	30	0,01
2_features_0.01_error.csv	481,7394656	0,410796165	ipop	30	0,1
2_features_0.1_error.csv	537,1762728	0,604638815	bipop	30	0,01
2_features_0.1_error.csv	536,4102112	0,477073193	bipop	30	0,1
2_features_0.1_error.csv	531,6423949	0,555171728	ipop	30	0,01
2_features_0.1_error.csv	554,5731898	0,4192729	ipop	30	0,1
2_features_0.5_error.csv	542,1816633	0,687167168	bipop	30	0,01
2_features_0.5_error.csv	542,1691989	0,428637981	bipop	30	0,1
2_features_0.5_error.csv	542,4550604	0,568226099	ipop	30	0,01
2_features_0.5_error.csv	513,5643663	0,404718876	ipop	30	0,1
5_features_0.01_error.csv	632,129647	1,614836931	bipop	30	0,01
5_features_0.01_error.csv	633,2501094	1,395900965	bipop	30	0,1
5_features_0.01_error.csv	632,1432771	0,648628235	ipop	30	0,01
5_features_0.01_error.csv	1687,557423	0,453794956	ipop	30	0,1
5_features_0.1_error.csv	624,1412702	1,550135851	bipop	30	0,01
5_features_0.1_error.csv	625,674944	1,69889307	bipop	30	0,1
5_features_0.1_error.csv	624,1360365	0,647916079	ipop	30	0,01
5_features_0.1_error.csv	1497,464246	0,465873957	ipop	30	0,1
5_features_0.5_error.csv	594,1425228	2,190318108	bipop	30	0,01
5_features_0.5_error.csv	593,8218835	1,460239172	bipop	30	0,1
5_features_0.5_error.csv	594,1171274	0,737484217	ipop	30	0,01
5_features_0.5_error.csv	595,5357366	0,477359056	ipop	30	0,1
compas_metadata.csv	31835,6632	13,85400677	bipop	30	0,01
compas_metadata.csv	31633,36097	11,41897917	bipop	30	0,1
compas_metadata.csv	31583,07943	18,99957681	ipop	30	0,01

compas_metadata.csv	1308223,91	16,50090027	ipop	30	0,1
credit-g_metadata.csv	11706,07366	2,746187925	bipop	30	0,01
credit-g_metadata.csv	11704,60449	2,123418093	bipop	30	0,1
credit-g_metadata.csv	11563,42042	0,833117962	ipop	30	0,01
credit-g_metadata.csv	14598,46527	0,607759714	ipop	30	0,1
XOR_metadata.csv	5244,146333	2,81317091	bipop	30	0,01
XOR_metadata.csv	5302,804652	2,285028934	bipop	30	0,1
XOR_metadata.csv	5243,616068	0,941138029	ipop	30	0,01
XOR_metadata.csv	22222,82896	0,728056669	ipop	30	0,1

Restricted license - for non-production use only - expires 2022-01-13

Changed value of parameter NonConvex to 2

Prev: -1 Min: -1 Max: 2 Default: -1

Gurobi Optimizer version 9.1.2 build v9.1.2rc0 (mac64)

Thread count: 2 physical cores, 4 logical processors, using up to 4 threads

Optimize a model with 0 rows, 3 columns and 0 nonzeros

Model fingerprint: 0x07f362a7

Model has 2 quadratic objective terms

Coefficient statistics:

Matrix range [0e+00, 0e+00]

Objective range [0e+00, 0e+00]

QObjective range [2e+00, 2e+00]

Bounds range [0e+00, 0e+00]

RHS range [0e+00, 0e+00]

Continuous model is non-convex -- solving as a MIP.

Found heuristic solution: objective 1.6006911

Found heuristic solution: objective -6.53809e+18

Presolve time: 0.00s

Presolved: 5 rows, 7 columns, 11 nonzeros

Presolved model has 2 bilinear constraint(s)

Variable types: 7 continuous, 0 integer (0 binary)

Root relaxation: unbounded, 3 iterations, 0.00 seconds

Nodes		Current Node	Objective Bounds			Work	
Expl	Unexpl	Obj	Depth	IntInf	Incumbent	BestBd	Gap   It/Node Time
0	0	postponed	0	-6.538e+18	-	-	0s
0	0	postponed	0	-6.538e+18	-	-	0s
0	2	postponed	0	-6.538e+18	-	-	0s
*37043	35308		115	-9.85922e+18	-	-	0.1 1s
*37045	35308		116	-1.97184e+19	-	-	0.1 1s
*37047	35308		117	-3.94369e+19	-	-	0.1 1s
*37049	35308		118	-7.88737e+19	-	-	0.1 1s
*37051	35308		119	-1.57747e+20	-	-	0.1 1s
*37053	35308		120	-3.15495e+20	-	-	0.1 1s
*37055	35308		121	-6.30990e+20	-	-	0.1 1s
*37057	35308		122	-1.26198e+21	-	-	0.1 1s
*37059	35308		123	-2.52396e+21	-	-	0.1 1s
*37061	35308		124	-5.04792e+21	-	-	0.1 1s

*37063 35308	125	-1.00958e+22	-	-	0.1	1s
*37065 35308	126	-2.01917e+22	-	-	0.1	1s
*37067 35308	127	-4.03833e+22	-	-	0.1	1s
*37069 35308	128	-8.07667e+22	-	-	0.1	1s
*37071 35308	129	-1.61533e+23	-	-	0.1	1s
*37073 35308	130	-3.23067e+23	-	-	0.1	1s
*37075 35308	131	-6.46134e+23	-	-	0.1	1s
*37077 35308	132	-1.29227e+24	-	-	0.1	1s
*37079 35308	133	-2.58453e+24	-	-	0.1	1s
*37081 35308	134	-5.16907e+24	-	-	0.1	1s
*37083 35308	135	-1.03381e+25	-	-	0.1	1s
*37085 35308	136	-2.06763e+25	-	-	0.1	1s
*37947 35308	136	-2.06763e+25	-	-	0.1	1s
*51236 46107	139	-5.75097e+25	-	-	0.1	1s
*51238 46107	140	-1.15019e+26	-	-	0.1	1s
*51242 46107	143	-1.43774e+26	-	-	0.1	1s

Explored 54152 nodes (8823 simplex iterations) in 1.95 seconds  
Thread count was 4 (of 4 available processors)

Solution count 10: -1.43774e+26 -1.15019e+26 -5.75097e+25 ... -6.46134e+23

Model is unbounded

Best objective -1.437741852709e+26, best bound -, gap -

Ar 2e+06

Br 8.79609e+19

cr 999976

Obj: -1.43774e+26