

Points	Sets	Fitness Function	Method	Variant	Count	Time	Cost	is_valid
100	100	fitness1	hill_climbing	stochastic	11	1.919e-04	(99, -10)	False
100	100	fitness1	hill_climbing	steepest_ascent	7	7.377e-03	(100, -6)	True
100	100	fitness1	hill_climbing	first_choice	12	1.519e-04	(98, -11)	False
100	100	fitness1	restart_hill_climbing	stochastic	15	2.060e-04	(100, -12)	True
100	100	fitness1	restart_hill_climbing	steepest_ascent	7	5.343e-03	(100, -6)	True
100	100	fitness1	restart_hill_climbing	first_choice	100	2.385e-03	(98, -11)	False
100	100	fitness1	iterated_local_search	stochastic	15	2.201e-04	(100, -11)	True
100	100	fitness1	iterated_local_search	steepest_ascent	7	5.342e-03	(100, -6)	True
100	100	fitness1	iterated_local_search	first_choice	100	2.389e-03	(98, -11)	False
100	100	fitness5	hill_climbing	stochastic	9	1.302e-03	(3.115676921040879, -8)	False
100	100	fitness5	hill_climbing	steepest_ascent	7	5.495e-03	(3.4280472024387345, -6)	True
100	100	fitness5	hill_climbing	first_choice	12	2.623e-04	(3.3445689415691695, -11)	False
100	100	fitness5	restart_hill_climbing	stochastic	25	9.122e-04	(3.4280472024387345, -12)	True
100	100	fitness5	restart_hill_climbing	steepest_ascent	7	5.491e-03	(3.4280472024387345, -6)	True
100	100	fitness5	restart_hill_climbing	first_choice	100	1.174e-02	(3.3445689415691695, -11)	False
100	100	fitness5	iterated_local_search	stochastic	14	1.424e-03	(3.4280472024387345, -13)	True
100	100	fitness5	iterated_local_search	steepest_ascent	7	6.367e-03	(3.4280472024387345, -6)	True
100	100	fitness5	iterated_local_search	first_choice	100	8.086e-03	(3.3445689415691695, -11)	False
Points	Sets	Fitness Function	Method	Variant	Count	Time	Cost	is_valid
100	100	fitness3	simulated_annealing	stochastic	10	5.190e-04	100	True
100	100	fitness3	simulated_annealing	steepest_ascent	6	6.764e-03	100	True
100	100	fitness3	simulated_annealing	first_choice	21	4.773e-04	100	True
100	100	fitness6	simulated_annealing	stochastic	18	6.189e-04	100	True
100	100	fitness6	simulated_annealing	steepest_ascent	11	8.220e-03	100	True
100	100	fitness6	simulated_annealing	first_choice	24	7.601e-04	100	True
Points	Sets	Fitness Function	Method	Variant	Count	Time	Cost	is_valid
1000	1000	fitness1	hill_climbing	stochastic	16	7.989e-04	(1000, -15)	True
1000	1000	fitness1	hill_climbing	steepest_ascent	11	4.157e-01	(1000, -10)	True
1000	1000	fitness1	hill_climbing	first_choice	16	7.808e-04	(995, -15)	False
1000	1000	fitness1	restart_hill_climbing	stochastic	25	1.894e-03	(1000, -19)	True
1000	1000	fitness1	restart_hill_climbing	steepest_ascent	11	4.197e-01	(1000, -10)	True
1000	1000	fitness1	restart_hill_climbing	first_choice	100	1.170e-02	(995, -15)	False
1000	1000	fitness1	iterated_local_search	stochastic	23	1.337e-03	(1000, -20)	True
1000	1000	fitness1	iterated_local_search	steepest_ascent	11	4.205e-01	(1000, -10)	True
1000	1000	fitness1	iterated_local_search	first_choice	100	1.168e-02	(995, -15)	False
1000	1000	fitness5	hill_climbing	stochastic	18	1.551e-02	(3.3372237658655357, -17)	False
1000	1000	fitness5	hill_climbing	steepest_ascent	11	4.289e-01	(3.340860129501899, -10)	True
1000	1000	fitness5	hill_climbing	first_choice	16	1.365e-02	(3.3237135144508323, -15)	False
1000	1000	fitness5	restart_hill_climbing	stochastic	21	2.172e-02	(3.340860129501899, -18)	True
1000	1000	fitness5	restart_hill_climbing	steepest_ascent	11	4.280e-01	(3.340860129501899, -10)	True
1000	1000	fitness5	restart_hill_climbing	first_choice	100	1.608e-01	(3.3237135144508323, -15)	False
1000	1000	fitness5	iterated_local_search	stochastic	16	1.550e-02	(3.340860129501899, -15)	True
1000	1000	fitness5	iterated_local_search	steepest_ascent	11	4.282e-01	(3.340860129501899, -10)	True
1000	1000	fitness5	iterated_local_search	first_choice	100	1.550e-01	(3.3237135144508323, -15)	False
Points	Sets	Fitness Function	Method	Variant	Count	Time	Cost	is_valid
1000	1000	fitness3	simulated_annealing	stochastic	21	1.805e-03	1000	True
1000	1000	fitness3	simulated_annealing	steepest_ascent	10	3.804e-01	1000	True
1000	1000	fitness3	simulated_annealing	first_choice	21	1.720e-03	1000	True
1000	1000	fitness6	simulated_annealing	stochastic	30	2.832e-02	1000	True
1000	1000	fitness6	simulated_annealing	steepest_ascent	15	5.716e-01	1000	True
1000	1000	fitness6	simulated_annealing	first_choice	28	2.421e-02	1000	True

Points	Sets	Fitness Function	Method	Variant	Count	Time	Cost	is_valid
5000	5000	fitness1	hill_climbing	stochastic	24	7.235e-03	(5000, -23)	True
5000	5000	fitness1	hill_climbing	steepest_ascent	14	1.255e+01	(5000, -13)	True
5000	5000	fitness1	hill_climbing	first_choice	23	8.126e-03	(4999, -22)	False
5000	5000	fitness1	restart_hill_climbing	stochastic	31	1.419e-02	(5000, -24)	True
5000	5000	fitness1	restart_hill_climbing	steepest_ascent	14	1.262e+01	(5000, -13)	True
5000	5000	fitness1	restart_hill_climbing	first_choice	100	5.426e-02	(4999, -22)	False
5000	5000	fitness1	iterated_local_search	stochastic	26	7.557e-03	(5000, -21)	True
5000	5000	fitness1	iterated_local_search	steepest_ascent	14	1.240e+01	(5000, -13)	True
5000	5000	fitness1	iterated_local_search	first_choice	100	6.729e-02	(4999, -22)	False
5000	5000	fitness5	hill_climbing	stochastic	21	4.166e-01	(3.3334038708439033, -20)	False
5000	5000	fitness5	hill_climbing	steepest_ascent	14	1.269e+01	(3.3361070193088893, -13)	True
5000	5000	fitness5	hill_climbing	first_choice	23	4.583e-01	(3.335423024780846, -22)	False
5000	5000	fitness5	restart_hill_climbing	stochastic	23	4.905e-01	(3.3361070193088893, -21)	True
5000	5000	fitness5	restart_hill_climbing	steepest_ascent	14	1.264e+01	(3.3361070193088893, -13)	True
5000	5000	fitness5	restart_hill_climbing	first_choice	100	3.436e+00	(3.335423024780846, -22)	False
5000	5000	fitness5	iterated_local_search	stochastic	25	5.392e-01	(3.3361070193088893, -23)	True
5000	5000	fitness5	iterated_local_search	steepest_ascent	14	1.273e+01	(3.3361070193088893, -13)	True
5000	5000	fitness5	iterated_local_search	first_choice	100	3.492e+00	(3.335423024780846, -22)	False
5000	5000	fitness3	simulated_annealing	stochastic	27	1.035e-02	5000	True
5000	5000	fitness3	simulated_annealing	steepest_ascent	14	1.219e+01	5000	True
5000	5000	fitness3	simulated_annealing	first_choice	33	1.645e-02	5000	True
5000	5000	fitness6	simulated_annealing	stochastic	35	6.947e-01	5000	True
5000	5000	fitness6	simulated_annealing	steepest_ascent	22	1.896e+01	5000	True
5000	5000	fitness6	simulated_annealing	first_choice	41	8.109e-01	5000	True