Table 1: Resultados comparativos do Algoritmo Genético (Heurística 1) e da Otimização por Colônia de Formigas (ACO) com 5 formigas e 10 iterações aplicados ao conjunto representativo.

Graph Name	$V(G)$	$E(G)$	δ	Δ	Lower Bound	Upper Bound	Fitness Value (GA)	Fitness Value (ACO)	Elapsed Time GA (seconds)	Elapsed Time ACO (seconds)
can62	62	78	1	6	35	108	103	76	0.462903	0.063882
can256	256	1330	3	82	12	384	231	86	2.336260	0.620952
cycle17	17	17	2	2	-1	25	30	24	0.117542	0.008058
lns511	511	1425	0	12	157	904	760	542	4.967160	33.932000
cycle16	16	16	2	2	-1	24	24	23	0.116839	0.007358
cycle13	13	13	2	2	-1	19	19	19	0.092132	0.005760
can445	445	1682	3	12	136	667	408	270	4.423440	1.839460
can187	187	652	4	9	74	280	180	88	1.530430	0.109503
can715	715	2975	1	104	27	1251	711	324	8.420620	5.025580
can292	292	1124	3	34	33	438	329	147	2.532080	0.541879
cycle18	18	18	2	2	-1	27	27	24	0.129493	0.008786
cycle15	15	15	2	2	-1	22	23	20	0.116260	0.006938
can96	96	336	5	8	42	144	85	48	0.748404	0.042450
cycle20	20	20	2	2	-1	30	30	28	0.141895	0.009603
cycle11	11	11	2	2	-1	16	17	16	0.079590	0.004887
can24	24	68	3	8	10	36	25	16	0.180152	0.010100
sherman4	1104	1341	0	6	630	2493	2346	2194	10.694500	686.870000
can268	268	1407	3	36	28	402	240	109	2.502060	0.524040
can73	73	152	2	8	32	109	116	64	0.554112	0.032867
685bus	685	1282	1	12	210	1198	1004	733	6.760880	27.235800
can161	161	608	5	16	37	241	144	76	1.317850	0.105045
cycle12	12	12	2	2	-1	18	18	16	0.092448	0.005536
cycle19	19	19	2	2	-1	28	33	27	0.129991	0.009151
$662_b us$	662	906	1	9	264	1158	1122	809	6.100550	24.944300
can61	61	248	4	24	9	91	64	31	0.469554	0.024325
can144	144	576	5	14	38	216	152	64	1.176330	0.081820
can229	229	774	2	12	70	343	241	153	1.934820	0.509746
cycle10	10	10	2	2	-1	15	15	14	0.066983	0.004315
can838	838	4586	5	31	104	1257	767	472	14.252000	67.259000
cycle14	14	14	2	2	-1	21	21	20	0.104563	0.006471
shl200	663	1720	2	439	6	994	899	423	6.757900	14.091000