Instância	Ótimo	Algoritmos Genéticos (GA)							gapMin	gapMédia
		f(GA)		Tempo (s)		Nº de Iterações				
		Min5	Média5	Min5	Média5	Min5	Média5	Média Total		
A-n32-k5.vrp	784,00	797,45	806,89	29,39	127,61	21.944,00	19.298,20	25.613,40	1,72%	2,92%
A-n33-k5.vrp	661,00	674,46	680,40	15,24	44,99	16.152,00	13.885,00	23.244,60	2,04%	2,93%
A-n33-k6.vrp	742,00	746,97	753,80	116,07	125,44	21.207,00	10.834,60	22.398,20	0,67%	1,59%
A-n34-k5.vrp	778,00	795,33	798,17	77,53	167,10	6.150,00	4.691,20	21.680,00	2,23%	2,59%
A-n36-k5.vrp	799,00	819,33	826,09	36,42	136,73	7.477,00	7.839,80	18.304,40	2,54%	3,39%
A-n37-k5.vrp	669,00	685,75	691,57	176,73	182,21	15.810,00	7.563,60	16.724,80	2,50%	3,37%
A-n37-k6.vrp	949,00	996,57	1.006,08	261,46	173,64	10.880,00	10.542,00	14.875,20	5,01%	6,01%
A-n38-k5.vrp	730,00	739,97	753,12	29,77	83,85	4.980,00	8.653,40	14.712,00	1,37%	3,17%
A-n39-k5.vrp	822,00	872,61	880,62	160,26	179,57	12.242,00	7.925,80	14.548,80	6,16%	7,13%
A-n39-k6.vrp	831,00	859,52	866,99	219,78	116,29	4.403,00	8.395,60	14.547,60	3,43%	4,33%
A-n44-k7.vrp	937,00	983,19	1.003,46	300,02	165,45	6.123,00	8.286,20	9.787,00	4,93%	7,09%
A-n45-k6.vrp	944,00	1.110,17	1.212,28	293,90	143,77	7.817,00	7.194,20	8.636,00	17,60%	28,42%
A-n45-k7.vrp	1.146,00	1.259,22	1.283,65	169,27	193,35	9.447,00	6.659,00	9.783,20	9,88%	12,01%
A-n46-k7.vrp	914,00	1.027,14	1.039,71	241,71	195,88	8.816,00	8.261,80	9.428,00	12,38%	13,75%
A-n48-k7.vrp	1.073,00	1.206,31	1.211,12	296,78	195,20	5.654,00	5.203,60	8.436,40	12,42%	12,87%
A-n53-k7.vrp	1.010,00	1.130,20	1.156,96	146,67	199,52	3.626,00	3.934,00	6.322,80	11,90%	14,55%
A-n54-k7.vrp	1.167,00	1.334,82	1.344,38	246,01	230,31	5.811,00	5.849,40	5.956,60	14,38%	15,20%
A-n55-k9.vrp	1.073,00	1.224,23	1.228,96	258,04	232,17	3.709,00	3.857,00	5.307,20	14,09%	14,53%
A-n60-k9.vrp	1.408,00	1.507,83	1.576,81	290,12	280,78	4.458,00	4.302,20	4.339,20	7,09%	11,99%
A-n61-k9.vrp	1.035,00	1.291,25	1.308,47	245,18	249,44	3.393,00	3.025,00	3.669,00	24,76%	26,42%
A-n62-k8.vrp	1.290,00	1.587,67	1.589,54	297,90	224,52	2.692,00	3.565,80	4.330,60	23,08%	23,22%
A-n63-k9.vrp	1.634,00	1.869,05	1.934,92	284,80	261,18	3.832,00	3.673,60	3.719,00	14,38%	18,42%
A-n63-k10.vrp	1.315,00	1.550,67	1.599,64	186,92	275,49	2.917,00	3.426,60	3.786,80	17,92%	21,65%
A-n64-k9.vrp	1.402,00	1.588,21	1.598,31	289,55	274,40	3.381,00	3.123,00	3.519,40	13,28%	14,00%
A-n65-k9.vrp	1.177,00	1.466,88	1.480,98	297,01	287,82	2.266,00	2.291,20	3.171,20	24,63%	25,83%
A-n69-k9.vrp	1.168,00	1.436,48	1.443,71	276,84	246,37	2.388,00	2.657,40	3.100,60	22,99%	23,61%
A-n80-k10.vrp	1.764,00	2.151,30	2.171,46	299,38	282,54	1.902,00	1.973,40	1.985,60	21,96%	23,10%

Instância	Ótimo	Algoritmos Genéticos (GA)							gapMin	gapMédia
		f(GA)		Tempo (s)		Nº de Iterações				
		Min5	Média5	Min5	Média5	Min5	Média5	Média Total		
B-n31-k5.vrp	672,00	691,42	704,66	80,14	55,84	2.829,00	4.108,40	26.489,00	2,89%	4,86%
B-n34-k5.vrp	788,00	796,18	797,57	298,02	166,36	5.583,00	6.104,20	21.656,40	1,04%	1,21%
B-n35-k5.vrp	955,00	957,16	983,77	30,12	121,00	8.180,00	12.020,00	20.441,40	0,23%	3,01%
B-n38-k6.vrp	805,00	820,94	829,12	227,51	113,03	5.194,00	10.667,20	15.429,20	1,98%	3,00%
B-n39-k5.vrp	549,00	580,03	606,45	212,04	88,24	5.534,00	3.924,80	14.900,60	5,65%	10,46%
B-n41-k6.vrp	829,00	880,30	914,41	240,73	142,88	9.273,00	7.133,60	11.822,80	6,19%	10,30%
B-n43-k6.vrp	742,00	816,19	820,22	212,61	200,22	6.662,00	6.825,00	11.336,00	10,00%	10,54%
B-n44-k7.vrp	909,00	983,63	1.008,52	247,81	244,95	10.640,00	10.079,40	10.507,20	8,21%	10,95%
B-n45-k5.vrp	751,00	928,24	984,06	208,38	194,38	8.236,00	6.721,00	9.680,60	23,60%	31,03%
B-n45-k6.vrp	678,00	781,22	868,39	280,85	155,18	8.057,00	6.391,20	8.414,00	15,22%	28,08%
B-n50-k7.vrp	741,00	842,86	898,93	244,60	195,59	3.636,00	5.427,80	7.320,40	13,75%	21,31%
B-n50-k8.vrp	1.313,00	1.361,72	1.494,93	278,15	271,36	4.071,00	5.323,60	6.489,00	3,71%	13,86%
B-n51-k7.vrp	1.032,00	1.092,31	1.122,66	290,69	231,39	5.841,00	4.687,00	6.059,80	5,84%	8,78%
B-n52-k7.vrp	747,00	921,70	939,88	285,15	165,02	1.800,00	4.692,40	6.846,20	23,39%	25,82%
B-n56-k7.vrp	707,00	779,63	834,88	276,12	258,00	2.355,00	3.213,60	5.538,20	10,27%	18,09%
B-n57-k7.vrp	1.153,00	1.434,62	1.456,13	260,00	246,66	4.380,00	4.454,80	4.616,40	24,42%	26,29%
B-n57-k9.vrp	1.598,00	1.670,14	1.800,55	291,97	274,76	1.614,00	2.827,20	5.155,60	4,51%	12,68%
B-n63-k10.vrp	1.537,00	1.613,35	1.678,86	234,24	267,10	2.440,00	3.142,40	3.653,80	4,97%	9,23%
B-n64-k9.vrp	861,00	1.062,16	1.111,84	150,07	239,87	3.021,00	3.407,00	3.578,00	23,36%	29,13%
B-n66-k9.vrp	1.316,00	1.368,35	1.392,82	270,42	257,72	3.090,00	3.070,00	3.337,80	3,98%	5,84%
B-n67-k10.vrp	1.033,00	1.195,04	1.202,79	293,39	275,34	3.100,00	2.865,80	3.248,60	15,69%	16,44%
B-n68-k9.vrp	1.304,00	1.348,30	1.393,69	292,31	209,41	2.642,00	2.730,20	3.168,20	3,40%	6,88%
B-n78-k10.vrp	1.266,00	1.379,49	1.410,16	299,04	290,02	2.051,00	1.881,60	2.135,40	8,96%	11,39%

Instância	Ótimo	Algoritmos Genéticos (GA)							gapMin	gapMédia
		f(GA)		Tempo (s)		Nº de Iterações				
		Min5	Média5	Min5	Média5	Min5	Média5	Média Total		
F-n45-k4.vrp	728,00	762,06	826,21	209,56	194,35	10256	5541, 0	10504, 2	4,68%	13,49%
F-n72-k4.vrp	238,00	283,14	287,86	296,55	284,43	1617	1561, 8	2909, 6	18,97%	20,95%
F-n135-k7.vrp	1165,00	2060,62	2171,34	298,6	299,58	431	437, 2	443, 4	76,88%	86,38%