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	797,87	817,95	136,49	220,55	200.220,0	341.559,2	483.272,8	1,77%	4,33%
A-n33-k5.vrp	661,00	678,21	683,60	25,96	152,39	36.885,0	215.025,0	424.063,2	2,60%	3,42%
A-n33-k6.vrp	742,00	742,69	755,78	45,74	143,69	63.018,0	194.693,4	400.678,0	0,09%	1,86%
A-n34-k5.vrp	778,00	782,38	793,81	40,78	200,03	54.133,0	259.961,6	390.500,2	0,56%	2,03%
A-n36-k5.vrp	799,00	814,72	835,64	239,32	119,09	134.045,0	261.705,4	329.743,4	1,97%	4,59%
A-n37-k5.vrp	669,00	672,47	722,07	284,78	128,37	299.159,0	131.197,6	314.855,6	0,52%	7,93%
A-n37-k6.vrp	949,00	955,98	981,84	52,75	207,68	53.072,0	207.099,8	299.882,2	0,74%	3,46%
A-n38-k5.vrp	730,00	743,30	763,35	20,05	98,57	20.015,0	97.173,4	293.397,8	1,82%	4,57%
A-n39-k5.vrp	822,00	835,00	860,64	30,01	130,58	26.993,0	117.505,0	264.566,4	1,58%	4,70%
A-n39-k6.vrp	831,00	837,04	847,35	15,30	125,53	13.023,0	105.640,2	251.489,2	0,73%	1,97%
A-n44-k7.vrp	937,00	948,25	965,03	143,94	202,81	80.188,0	112.879,0	167.116,0	1,20%	2,99%
A-n45-k6.vrp	944,00	993,85	1.023,82	94,22	224,92	41.991,0	101.222,8	141.873,4	5,28%	8,46%
A-n45-k7.vrp	1.146,00	1.174,93	1.213,81	22,11	244,28	11.095,0	115.183,2	135.234,0	2,52%	5,92%
A-n46-k7.vrp	914,00	1.002,42	1.020,60	208,43	202,48	93.099,0	129.155,0	133.734,6	9,67%	11,66%
A-n48-k7.vrp	1.073,00	1.151,80	1.172,46	214,15	266,26	84.103,0	106.371,8	119.903,8	7,34%	9,27%
A-n53-k7.vrp	1.010,00	1.070,55	1.100,83	108,52	146,49	32.127,0	44.079,6	92.265,4	6,00%	8,99%
A-n54-k7.vrp	1.167,00	1.207,13	1.261,28	264,29	155,65	77.147,0	44.164,4	87.853,6	3,44%	8,08%
A-n55-k9.vrp	1.073,00	1.111,53	1.162,78	104,19	266,73	25.104,0	67.143,0	75.780,0	3,59%	8,37%
A-n60-k9.vrp	1.408,00	1.465,42	1.539,36	30,14	62,72	6.098,0	13.109,2	62.606,2	4,08%	9,33%
A-n61-k9.vrp	1.035,00	1.142,36	1.221,60	293,18	144,90	55.214,0	26.169,2	56.525,8	10,37%	18,03%
A-n62-k8.vrp	1.290,00	1.407,94	1.512,29	142,74	184,68	27.161,0	35.034,6	56.550,8	9,14%	17,23%
A-n63-k9.vrp	1.634,00	1.706,37	1.729,62	93,12	61,00	16.127,0	11.113,0	51.354,2	4,43%	5,85%
A-n63-k10.vrp	1.315,00	1.452,30	1.476,66	245,99	179,45	42.100,0	30.103,4	49.498,0	10,44%	12,29%
A-n64-k9.vrp	1.402,00	1.467,35	1.492,02	269,82	272,07	48.083,0	48.161,8	49.780,6	4,66%	6,42%
A-n65-k9.vrp	1.177,00	1.251,16	1.341,77	54,08	124,15	9.073,0	19.996,0	48.142,4	6,30%	14,00%
A-n69-k9.vrp	1.168,00	1.225,48	1.272,87	229,13	200,55	32.157,0	29.165,4	43.585,4	4,92%	8,98%
A-n80-k10.vrp	1.764,00	1.969,20	2.021,12	32,02	97,04	3.068,0	9.128,2	28.115,0	11,63%	14,58%

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	676,08	683,24	159,53	205,84	271.324,0	334.212,2	508.604,4	0,61%	1,67%
B-n34-k5.vrp	788,00	792,04	795,39	97,30	227,82	123.025,0	377.472,0	397.145,6	0,51%	0,94%
B-n35-k5.vrp	955,00	956,29	983,94	22,27	187,87	26.013,0	180.735,4	360.177,2	0,14%	3,03%
B-n38-k6.vrp	805,00	816,21	832,51	9,06	137,52	8.541,0	120.274,4	263.012,2	1,39%	3,42%
B-n39-k5.vrp	549,00	553,20	584,31	64,55	149,55	56.197,0	131.351,2	257.838,0	0,77%	6,43%
B-n41-k6.vrp	829,00	836,88	856,29	121,26	106,16	81.120,0	70.703,8	200.668,8	0,95%	3,29%
B-n43-k6.vrp	742,00	752,67	774,00	2,12	3,78	1.260,0	2.189,0	175.809,8	1,44%	4,31%
B-n44-k7.vrp	909,00	931,72	981,31	41,53	121,15	21.947,0	62.492,6	157.031,6	2,50%	7,95%
B-n45-k5.vrp	751,00	765,55	790,78	17,60	148,70	9.384,0	78.374,4	163.280,8	1,94%	5,30%
B-n45-k6.vrp	678,00	693,67	734,49	2,05	28,17	1.072,0	14.908,0	142.023,2	2,31%	8,33%
B-n50-k7.vrp	741,00	758,94	803,66	39,87	25,60	14.676,0	10.715,2	110.354,4	2,42%	8,46%
B-n50-k8.vrp	1.313,00	1.336,59	1.364,20	17,27	13,50	6.221,0	4.908,0	106.765,6	1,80%	3,90%
B-n51-k7.vrp	1.032,00	1.040,62	1.050,60	268,97	142,50	93.839,0	49.421,8	104.754,6	0,84%	1,80%
B-n52-k7.vrp	747,00	758,56	781,83	13,25	148,48	4.473,0	49.496,6	100.013,8	1,55%	4,66%
B-n56-k7.vrp	707,00	735,73	759,32	13,27	27,85	3.689,0	7.569,6	83.929,2	4,06%	7,40%
B-n57-k7.vrp	1.153,00	1.240,22	1.409,04	24,78	28,26	5.982,0	6.104,4	70.367,0	7,56%	22,21%
B-n57-k9.vrp	1.598,00	1.644,93	1.685,95	23,78	21,08	5.834,0	5.356,0	66.353,4	2,94%	5,50%
B-n63-k10.vrp	1.537,00	1.612,54	1.626,44	24,85	59,90	4.477,0	10.636,2	52.620,6	4,91%	5,82%
B-n64-k9.vrp	861,00	899,92	940,43	31,48	170,06	4.614,0	28.656,8	51.294,4	4,52%	9,23%
B-n66-k9.vrp	1.316,00	1.365,12	1.404,50	95,76	206,12	15.290,0	28.875,8	46.131,2	3,73%	6,72%
B-n67-k10.vrp	1.033,00	1.108,04	1.147,37	53,00	71,53	6.802,0	9.874,4	42.195,8	7,26%	11,07%
B-n68-k9.vrp	1.304,00	1.344,12	1.386,64	53,55	81,12	8.211,0	12.588,6	45.637,0	3,08%	6,34%
B-n78-k10.vrp	1.266,00	1.360,76	1.402,90	108,44	249,38	11.176,0	28.011,0	30.862,6	7,48%	10,81%

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	732,87	743,40	6,03	4,58	3.518,0	2.707,2	175.544,4	0,67%	2,12%
F-n72-k4.vrp	238,00	273,19	291,94	30,57	50,79	4.796,0	7.981,6	47.065,8	14,79%	22,66%
F-n135-k7.vrp	1165,00	1.375,53	1.522,50	279,08	246,84	6.299,0	5.512,0	6.774,2	18,07%	30,69%