Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/TSP/berlin52.tsp	RK-GRASP	7542	5	7542	7542	7542	7542	7542	7542	7542	0.307	0.307
/TSP/st70.tsp	RK-GRASP	675	5	675	675	675	675	675	675	675	1.511	1.511
/TSP/eil76.tsp	RK-GRASP	538	5	538	538	538	539	538	538	538.2	30.236	38.236
/TSP/pr76.tsp	RK-GRASP	108159	5	108159	108159	108159	108159	108159	108159	108159	1.757	1.757
/TSP/kroA100.tsp	RK-GRASP	21282	5	21282	21282	21282	21282	21282	21282	21282	0.391	0.391
/TSP/pr124.tsp	RK-GRASP	59030	5	59030	59030	59030	59030	59030	59030	59030	0.72	0.721
/TSP/pr136.tsp	RK-GRASP	96772	5	96772	96772	96772	96772	96772	96772	96772	14.938	14.938
/TSP/pr152.tsp	RK-GRASP	73682	5	73682	73682	73682	73682	73682	73682	73682	10.027	10.028
/TSP/u159.tsp	RK-GRASP	42080	5	42080	42080	42080	42080	42080	42080	42080	4.333	4.333
/TSP/d198.tsp	RK-GRASP	15780	5	15784	15785	15781	15781	15796	15781	15785.4	81.694	199.017
/TSP/ts225.tsp	RK-GRASP	126643	5	126643	126643	126726	126643	126643	126643	126659.6	90.015	126.896
/TSP/pr226.tsp	RK-GRASP	80369	5	80369	80369	80369	80369	80369	80369	80369	9.644	9.645
/TSP/gil262.tsp	RK-GRASP	2378	5	2386	2386	2386	2388	2385	2385	2386.2	110.735	264.096
/TSP/pr264.tsp	RK-GRASP	49135	5	49135	49135	49135	49135	49135	49135	49135	62.45	62.45
/TSP/lin318.tsp	RK-GRASP	42029	5	42269	42445	42481	42335	42497	42269	42405.4	180.327	321.217
/TSP/rd400.tsp	RK-GRASP	15281	5	15376	15444	15453	15467	15392	15376	15426.4	178.375	404.748
/TSP/fl417.tsp	RK-GRASP	11861	5	11875	11869	11861	11862	11862	11861	11865.8	176.142	366.803
/TSP/pr439.tsp	RK-GRASP	107217	5	107717	108065	108013	107628	107724	107628	107829.4	230.631	448.509
/TSP/d493.tsp	RK-GRASP	35002	5	35539	35490	35345	35463	35415	35345	35450.4	264.857	501.439
/TSP/rat575.tsp	RK-GRASP	6773	5	6987	6909	6974	6929	6983	6909	6956.4	180.636	599.282
Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/THLP/CAB20_3_02.txt	RK-GRASP	4170.1	5	4259.12	4259.12	4170.15	4269.56	4170.15	4170.15	4225.62	8.25	14.02
/THLP/CAB20_3_05.txt	RK-GRASP	5234.9	5	5234.94	5414.69	5234.94	5234.94	5382.50	5234.94	5300.40	9.64	13.81
/THLP/CAB20_3_08.txt	RK-GRASP	6279.4	5	6310.09	6299.73	6320.06	6279.35	6310.09	6279.35	6303.86	5.22	16.75
/THLP/CAB20_5_02.txt	RK-GRASP	2808.7	5	3079.08	3251.74	3062.17	3100.40	2991.88	2991.88	3097.06	8.95	20.02
/THLP/CAB20_5_05.txt	RK-GRASP	4384.3	5	4671.17	4547.33	4663.29	4532.22	4549.67	4532.22	4592.73	9.43	20.03
/THLP/CAB20_5_08.txt	RK-GRASP	5663.5	5	5903.60	5939.17	5880.37	5772.88	5754.90	5754.90	5850.18	9.70	20.01
/THLP/CAB20_8_02.txt	RK-GRASP	2057	5	2415.03	2377.28	2389.88	2434.23	2523.82	2377.28	2428.05	12.07	20.05
/THLP/CAB20_8_05.txt	RK-GRASP	3700.2	5	4019.24	4006.63	3976.17	3958.32	4005.55	3958.32	3993.18	9.42	20.04
/THLP/CAB20_8_08.txt	RK-GRASP	5283.1	5	5547.81	5549.47	5490.14	5548.27	5372.70	5372.70	5501.68	13.24	20.04
/THLP/CAB25_3_02.txt	RK-GRASP	6554.6	5	6614.18	6597.93	6751.83	6698.03	6621.71	6597.93	6656.74	9.91	25.02
/THLP/CAB25_3_05.txt	RK-GRASP	8274	5	8359.83	8295.86	8636.10	8300.87	8348.00	8295.86	8388.13	15.09	25.06
/THLP/CAB25_3_08.txt	RK-GRASP	9923.9	5	10173.75	9995.90	10040.10	10100.06	9981.18	9981.18	10058.20	3.71	25.04
/THLP/CAB25_5_02.txt	RK-GRASP	4791.1	5	5185.47	5113.51	5230.55	5080.48	5313.41	5080.48	5184.68	13.38	25.04

Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/THLP/CAB25_5_05.txt	RK-GRASP	7190.7	5	7407.23	7607.43	7729.02	7244.87	7494.32	7244.87	7496.57	17.47	25.03
/THLP/CAB25_5_08.txt	RK-GRASP	9173.4	5	9369.49	9719.76	9557.28	9329.53	9609.28	9329.53	9517.07	16.07	25.04
/THLP/CAB25_8_02.txt	RK-GRASP	3752.9	5	4698.83	4330.52	4379.95	4412.24	4465.97	4330.52	4457.50	6.78	25.05
/THLP/CAB25_8_05.txt	RK-GRASP	6272.9	5	6860.21	6995.06	6894.28	6826.86	6871.42	6826.86	6889.57	14.76	25.10
/THLP/CAB25_8_08.txt	RK-GRASP	8755	5	9148.25	9423.80	9063.55	9070.00	9168.20	9063.55	9174.76	12.07	25.04
/THLP/AP20_3_02.txt	RK-GRASP	58761.2	5	59283.51	58761.18	59283.51	58761.18	58761.18	58761.18	58970.12	9.42	14.47
/THLP/AP20_3_05.txt	RK-GRASP	69515.9	5	69515.95	69562.91	69562.91	69515.95	69562.91	69515.95	69544.13	8.74	14.93
/THLP/AP20_3_08.txt	RK-GRASP	78177.6	5	78647.41	78177.63	78177.63	78177.63	78177.63	78177.63	78271.58	9.09	10.52
/THLP/AP20_5_02.txt	RK-GRASP	46480.4	5	47047.74	47047.74	50681.85	49980.86	47938.44	47047.74	48539.32	13.31	20.02
/THLP/AP20_5_05.txt	RK-GRASP	61061.4	5	61489.16	61856.59	62535.63	63473.85	62535.63	61489.16	62378.17	6.41	20.02
/THLP/AP20_5_08.txt	RK-GRASP	73592.9	5	75166.81	73644.16	75018.68	73749.54	74911.01	73644.16	74498.04	12.82	20.01
/THLP/AP20_8_02.txt	RK-GRASP	35421	5	38881.56	40052.94	38086.79	39997.90	38325.49	38086.79	39068.94	10.73	20.04
/THLP/AP20_8_05.txt	RK-GRASP	52294.3	5	56178.21	55901.99	55833.32	56345.57	54496.29	54496.29	55751.08	8.53	20.02
/THLP/AP20_8_08.txt	RK-GRASP	68272.7	5	70943.12	71890.38	71483.30	70556.61	71543.57	70556.61	71283.40	6.68	20.07
/THLP/AP25_3_02.txt	RK-GRASP	60602.3	5	61315.41	62384.44	61004.26	61971.34	61057.71	61004.26	61546.63	12.78	25.04
/THLP/AP25_3_05.txt	RK-GRASP	70130.9	5	71523.39	70130.92	70130.92	71748.91	70130.92	70130.92	70733.01	8.74	13.65
/THLP/AP25_3_08.txt	RK-GRASP	79442.4	5	79962.79	79887.11	79687.91	79687.91	79887.11	79687.91	79822.56	10.27	25.02
/THLP/AP25_5_02.txt	RK-GRASP	47432.7	5	52386.49	49521.83	53225.09	51439.41	52943.15	49521.83	51903.20	11.84	25.02
/THLP/AP25_5_05.txt	RK-GRASP	61046.7	5	66204.30	66191.20	65503.32	66674.58	63904.99	63904.99	65695.68	13.72	25.01
/THLP/AP25_5_08.txt	RK-GRASP	73569.9	5	76017.54	76695.60	75090.06	75608.15	76339.95	75090.06	75950.26	14.61	25.04
/THLP/AP25_8_02.txt	RK-GRASP	37295.6	5	43211.46	43016.70	42346.70	42705.71	43378.04	42346.70	42931.72	18.57	25.07
/THLP/AP25_8_05.txt	RK-GRASP	54043.7	5	59449.95	59835.33	59183.65	61340.35	57607.12	57607.12	59483.28	9.58	25.09
/THLP/AP25_8_08.txt	RK-GRASP	69890.6	5	74513.63	74764.94	74602.29	74508.01	74637.71	74508.01	74605.32	13.61	25.05
Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/STCP/data.81	RK-GRASP	61	5	61	61	61	61	61	61	61	0.171	0.171
/STCP/data.135	RK-GRASP	103	5	104	104	103	104	104	103	103.8	32.143	126.602
/STCP/data.243	RK-GRASP	198	5	198	198	198	202	198	198	198.8	187.367	206.085
/STCP/data.405	RK-GRASP	335	5	345	343	344	343	344	343	343.8	147.567	408.838
/STCP/data.729	RK-GRASP	617	5	648	649	650	650	648	648	649	267.999	747.789
Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/HMP/20_5_270001	RK-GRASP	540	5	540	540	540	540	540	540	540	0.081	0.081
/HMP/20_5_270002	RK-GRASP	54	5	54	54	54	54	54	54	54	0.049	0.049
/HMP/20_5_270003	RK-GRASP	816	5	816	816	816	816	816	816	816	0.01	0.01
/HMP/20_5_270004	RK-GRASP	126	5	126	126	126	126	126	126	126	0.111	0.111
/HMP/20_5_270005	RK-GRASP	372	5	372	372	372	372	372	372	372	0.02	0.02

Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/HMP/40_15_270001	RK-GRASP	8646	5	8646	8646	8646	8646	8646	8646	8646	2.298	2.298
/HMP/40_15_270002	RK-GRASP	4586	5	4586	4586	4586	4586	4586	4586	4586	1.104	1.104
/HMP/40_15_270003	RK-GRASP	5396	5	5396	5396	5396	5396	5396	5396	5396	5.745	5.745
/HMP/40_15_270004	RK-GRASP	4800	5	4800	4800	4800	4800	4800	4800	4800	0.219	0.219
/HMP/40_15_270005	RK-GRASP	6272	5	6272	6272	6272	6272	6272	6272	6272	0.609	0.609
/HMP/100_25_270001	RK-GRASP	36412	5	36584	36626	36568	36802	36770	36568	36670	67.346	100.157
/HMP/100_25_270002	RK-GRASP	38608	5	38900	38758	38896	38768	38768	38758	38818	25.259	100.227
/HMP/100_25_270003	RK-GRASP	32686	5	32686	32708	32686	32696	32758	32686	32706.8	48.449	80.684
/HMP/100_25_270004	RK-GRASP	35322	5	35430	35322	35666	35736	35680	35322	35566.8	23.821	92.872
/HMP/100_25_270005	RK-GRASP	36878	5	36774	37106	36902	36734	36940	36734	36891.2	54.766	88.129
/HMP/200_50_270001	RK-GRASP	221550	5	221492	219470	220302	220380	221542	219470	220637.2	18.567	18.567
/HMP/200_50_270002	RK-GRASP	218254	5	216860	218050	218216	218860	218336	216860	218064.4	32.292	92.637
/HMP/200_50_270003	RK-GRASP	221110	5	220856	220308	220424	221038	220402	220308	220605.6	19.081	19.081
/HMP/200_50_270004	RK-GRASP	212044	5	211958	211498	211990	211794	211526	211498	211753.2	12.512	12.512
/HMP/200_50_270005	RK-GRASP	231890	5	234688	234354	233938	233924	235054	233924	234391.6	61.463	200.196
Instance	Method	BKS	#runs	run1	run2	run3	run4	run5	s*	s	t*	t
/MTSP/Crama/s1n001.txt	RK-GRASP	7	5	7	7	7	7	7	7	7	0.063	0.063
/MTSP/Crama/s1n002.txt	RK-GRASP	12	5	12	12	12	12	12	12	12	0.02	0.02
/MTSP/Crama/s1n003.txt	RK-GRASP	10	5	10	10	10	10	10	10	10	0.018	0.018
/MTSP/Crama/s1n004.txt	RK-GRASP	9	5	9	9	9	9	9	9	9	0.017	0.017
/MTSP/Crama/s1n005.txt	RK-GRASP	8	5	8	8	8	8	8	8	8	0.143	0.143
/MTSP/Crama/s1n006.txt	RK-GRASP	9	5	9	9	9	9	9	9	9	0.02	0.02
/MTSP/Crama/s1n007.txt	RK-GRASP	8	5	8	8	8	8	8	8	8	0.034	0.034
/MTSP/Crama/s1n008.txt	RK-GRASP	11	5	11	11	11	11	11	11	11	0.068	0.068
/MTSP/Crama/s1n009.txt	RK-GRASP	8	5	8	8	8	8	8	8	8	0.011	0.011
/MTSP/Crama/s1n010.txt	RK-GRASP	9	5	9	9	9	9	9	9	9	0.015	0.015
/MTSP/Crama/s2n001.txt	RK-GRASP	22	5	22	22	22	22	22	22	22	0.106	0.106
/MTSP/Crama/s2n002.txt	RK-GRASP	19	5	19	19	19	19	19	19	19	0.095	0.095
/MTSP/Crama/s2n003.txt	RK-GRASP	22	5	22	22	22	22	22	22	22	1.093	1.093
/MTSP/Crama/s2n004.txt	RK-GRASP	22	5	22	22	22	22	22	22	22	1.206	1.206
/MTSP/Crama/s2n005.txt	RK-GRASP	20	5	20	20	20	20	20	20	20	1.586	1.586
/MTSP/Crama/s2n006.txt	RK-GRASP	24	5	24	24	24	24	24	24	24	0.217	0.217
/MTSP/Crama/s2n007.txt	RK-GRASP	19	5	19	20	20	20	19	19	19.6	5.451	17.439
/MTSP/Crama/s2n008.txt	RK-GRASP	24	5	24	24	24	24	24	24	24	0.244	0.244
/MTSP/Crama/s2n009.txt	RK-GRASP	16	5	16	16	16	16	16	16	16	0.187	0.187

/MTSP/Crama/s2n010.txt	RK-GRASP	18	5	18	18	18	18	18	18	18	0.18	0.18
/MTSP/Crama/s3n001.txt	RK-GRASP	99	5	101	102	101	102	101	101	101.4	4.973	30.012
/MTSP/Crama/s3n002.txt	RK-GRASP	91	5	93	93	93	93	93	93	93	16.183	30.032
/MTSP/Crama/s3n003.txt	RK-GRASP	79	5	81	83	80	83	83	80	82	9.707	30.02
/MTSP/Crama/s3n004.txt	RK-GRASP	96	5	100	100	100	98	97	97	99	15.237	30.012
/MTSP/Crama/s3n005.txt	RK-GRASP	101	5	105	104	104	104	104	104	104.2	8.76	30.027
/MTSP/Crama/s3n006.txt	RK-GRASP	82	5	84	85	86	84	84	84	84.6	10.216	30.026
/MTSP/Crama/s3n007.txt	RK-GRASP	95	5	98	100	96	99	99	96	98.4	15.303	30.033
/MTSP/Crama/s3n008.txt	RK-GRASP	114	5	118	117	119	118	118	117	118	12.273	30.014
/MTSP/Crama/s3n009.txt	RK-GRASP	83	5	87	87	86	88	88	86	87.2	7.683	30.017
/MTSP/Crama/s3n010.txt	RK-GRASP	87	5	89	90	89	88	89	88	89	12.474	30.019
/MTSP/Crama/s4n001.txt	RK-GRASP	182	5	187	186	186	189	189	186	187.4	22.859	40.047
/MTSP/Crama/s4n002.txt	RK-GRASP	194	5	202	200	199	202	199	199	200.4	15.737	40.039
/MTSP/Crama/s4n003.txt	RK-GRASP	178	5	184	185	183	184	184	183	184	16.096	40.058
/MTSP/Crama/s4n004.txt	RK-GRASP	184	5	194	196	192	190	194	190	193.2	17.33	40.068
/MTSP/Crama/s4n005.txt	RK-GRASP	185	5	190	193	191	192	193	190	191.8	27.263	40.037
/MTSP/Crama/s4n006.txt	RK-GRASP	187	5	195	194	195	191	195	191	194	13.323	40.074
/MTSP/Crama/s4n007.txt	RK-GRASP	192	5	194	197	199	198	198	194	197.2	16.974	40.074
/MTSP/Crama/s4n008.txt	RK-GRASP	196	5	201	201	206	204	205	201	203.4	13.557	40.06
/MTSP/Crama/s4n009.txt	RK-GRASP	166	5	168	172	173	172	170	168	171	10.975	40.066
/MTSP/Crama/s4n010.txt	RK-GRASP	163	5	171	162	167	171	171	162	168.4	23.952	40.059