1 characteristics

All Instances - Part 1

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-F	0.96285	4224.9	0.003	4648.5	2.4338e-05	372	473	794	363
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-I	2.2177	4224.9	0.018997	4397.6	9.3012e-05	372	795	1538	459
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-L	1.1778	4224.9	0.016997	4397.6	2.8063e-05	372	795	1166	285
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-P	5.5442	4224.9	0.008998	4648.5	0	372	473	844	1984
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-S	16.89	4224.9	0.022997	4637.1	9.3168e-05	372	795	1538	2266
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-F	1.6897	4455.8	0.004	4920.9	6.7571e-05	401	502	852	906
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-I	5.6941	4455.8	0.016998	4656	9.3791e-05	401	853	1654	1725
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-L	5.7531	4455.8	0.012998	4656	8.3992e-05	401	853	1253	2372
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-P	3.1075	4455.8	0.006999	4920.9	8.9346e-05	401	502	902	2543
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-S	30.41	4455.8	0.026996	4924.3	9.9637e-05	401	853	1654	4376
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-F	2.7786	4739.8	0.002999	5163.8	9.7746e-05	412	513	874	1694
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-I	6.674	4739.8	0.018997	4933.7	9.867e-05	412	875	1698	1567
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-L	7.8478	4739.8	0.015997	4933.7	9.7906e-05	412	875	1286	2343
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-P	4.7643	4739.8	0.007998	5163.8	8.9956e-05	412	513	924	1399
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-S	67.399	4739.8	0.029995	5157.2	9.9796e-05	412	875	1698	11610
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-F	1.6427	4409.4	0.003999	4827.2	8.5529e-05	381	482	812	1109
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-I	4.7083	4409.4	0.016997	4572.9	9.5119e-05	381	813	1574	1960
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-L	5.7431	4409.4	0.013997	4572.9	9.5242e-05	381	813	1193	2888
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-P	3.7244	4409.4	0.007998	4827.2	9.1966e-05	381	482	862	3282
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-S	22.623	4409.4	0.026996	4816.4	9.8111e-05	381	813	1574	3931
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-F	0.40094	4059.3	0.004	4397.1	3.4983e-05	370	471	790	77
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-I	0.93986	4059.3	0.013998	4206.3	1.8431e-05	370	791	1530	46
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-L	0.60491	4059.3	0.017997	4206.3	9.0321e-05	370	791	1160	78
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-P	1.8157	4059.3	0.006999	4397.1	9.5053e-05	370	471	840	1277
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-S	9.7935	4059.3	0.028996	4441.3	4.8503e-05	370	791	1530	1016
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-F	7.0029	4663	0.003	5201.2	8.2622e-05	377	478	804	2061
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-I	11.223	4663	0.019997	4881	7.2883e-05	377	805	1558	1783
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-L	7.9628	4663	0.013998	4881	2.4784e-05	377	805	1181	1247
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-P	6.473	4663	0.007999	5201.2	8.004e-05	377	478	854	1780
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-S	98.405	4663	0.019997	5191.2	9.9238e-05	377	805	1558	21399
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-F	2.2187	4032.1	0.003	4541.9	5.3003e-05	381	482	812	1096
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-I	6.835	4032.1	0.016998	4327.6	9.5925e-05	381	813	1574	1883
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-L	3.2715	4032.1	0.014998	4327.6	7.1783e-05	381	813	1193	1045
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-P	6.461	4032.1	0.007999	4541.9	9.6164e-05	381	482	862	1927
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-S	23.177	4032.1	0.017998	4533.3	9.432e-05	381	813	1574	3682
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-F	0.95785	4339.2	0	4735.8	9.078e-05	412	513	874	410
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-I	1.8577	4339.2	0.017997	4507.6	9.8069e-05	412	875	1698	390
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-L	1.3448	4339.2	0.016998	4507.6	6.6356e-05	412	875	1286	339
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-P	4.6093	4339.1	0.006999	4735.8	0	412	513	924	1147
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-S	19.852	4339.2	0.028996	4721.7	7.8442e-05	412	875	1698	2097
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-F	7.7898	4449	0.005	4960.2	9.9852e-05	409	510	868	2670
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-I	15.071	4449	0.019996	4702.4	4.8278e-05	409	869	1686	2508
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-L	9.9225	4449	0.017998	4702.4	9.5665e-05	409	869	1277	3966
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-P	7.9648	4449	0.008998	4960.2	9.9587e-05	409	510	918	2677
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-S	74.787	4449	0.029995	4947.9	9.9314e-05	409	869	1686	12825
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-F	0.76588	4623.6	0.002999	5097.8	9.4516e-05	390	491	830	245
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-I	0.77388	4623.6	0.016997	4836.3	0	390	831	1610	54
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-L	0.57891	4623.6	0.014998	4836.3	0	390	831	1220	98
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-P	1.6578	4623.6	0.006999	5097.8	8.5077e-05	390	491	880	862
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-S	10.73	4623.6	0.022996	5074.1	7.8822e-05	390	831	1610	671
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-F	1.9777	4686.1	0.002	5112.6	8.6318e-05	384	485	818	898
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-I	2.3796	4686.1	0.015998	4860.8	0	384	819	1586	398
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-L	1.8837	4686.1	0.016998	4860.8	7.7121e-05	384	819	1202	491
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-P	6.1871	4686.1	0.006	5112.6	0	384	485	868	2218
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-S	16.744	4686.1	0.022997	5102.2	7.4076e-05	384	819	1586	1905
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-F	4.3723	4137.8	0.002	4644.4	9.511e-05	384	485	818	2544
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-I	12.948	4137.8	0.012998	4415.7	7.5854e-05	384	819	1586	2659
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-L	9.7905	4137.8	0.012998	4415.7	9.8888e-05	384	819	1202	1912
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-P	7.0229	4137.8	0.008999	4644.4	7.6613e-05	384	485	868	2283
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-S	52.986	4137.8	0.025997	4645.9	9.3687e-05	384	819	1586	9508
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-F	1.4168	3817.7	0.003999	4226.2	5.9839e-05	395	496	840	792
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-I	4.4223	3817.7	0.018997	4053.1	8.2803e-05	395	841	1630	977
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-L	5.7661	3817.7	0.012998	4053.1	7.5501e-05	395	841	1235	1768
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-P	3.6155	3817.7	0.007998	4226.2	9.7497e-05	395	496	890	2701
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-S	15.182	3817.7	0.020997	4229.5	9.505e-05	395	841	1630	1852
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-F	4.8013	3788.2	0.004	4315.4	9.5621e-05	404	505	858	2743
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-I	7.6018	3788.2	0.019997	4041.6	4.2354e-05	404	859	1666	1877
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-L	7.8858	3788.2	0.016998	4041.6	9.9753e-05	404	859	1262	3360
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-P	6.0141	3788.2	0.006999	4315.4	7.5739e-05	404	505	908	1582
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-S	30.612	3788.2	0.029995	4285.8	9.7363e-05	404	859	1666	4627
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-F	3.8914	4362.4	0.003	4842.6	8.345e-05	389	490	828	2048
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-I	8.5567	4362.4	0.016997	4596.1	9.8732e-05	389	829	1606	2455
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-L	5.9251	4362.4	0.013998	4596.1	9.9748e-05	389	829	1217	1744
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-P	7.7788	4362.4	0.006999	4842.6	8.6539e-05	389	490	878	2464
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-S	57.171	4362.4	0.021997	4838.8	9.8658e-05	389	829	1606	9169
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-F	9.6315	4127.7	0.003999	4573.6	9.767e-05	372	473	794	2464
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-I	22.379	4127.7	0.024996	4347	9.9964e-05	372	795	1538	3345
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-L	10.414	4127.7	0.014998	4347	9.3146e-05	372	795	1166	1951
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-P	22.445	4127.7	0.007999	4573.6	9.8995e-05	372	473	844	10873
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-S	381.65	4127.7	0.027996	4565.6	9.9912e-05	372	795	1538	87055

All Instances - Part 2

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-F	1.2938	4440.8	0.001999	4865.3	6.8477e-05	381	482	812	659
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-I	2.8226	4440.8	0.018998	4668.5	9.7271e-05	381	813	1574	524
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-L	2.6186	4440.8	0.016998	4668.5	7.5905e-05	381	813	1193	880
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-P	2.7716	4440.8	0.005999	4865.3	7.9342e-05	381	482	862	1966
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-S	17.268	4440.8	0.023996	4895.7	9.6853e-05	381	813	1574	2272
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-F	9.6655	4112.8	0.003	4618.3	9.4121e-05	383	484	816	2571
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-I	14.114	4112.8	0.024996	4331.3	7.6284e-05	383	817	1582	1343
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-L	11.909	4112.8	0.018997	4331.3	9.2859e-05	383	817	1199	1947
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-P	7.5309	4112.8	0.007999	4618.3	9.044e-05	383	484	866	2327
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-S	42.21	4112.8	0.037994	4587.2	9.672e-05	383	817	1582	5957
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-F	8.5417	4022.7	0.002999	4457.7	8.34e-05	390	491	830	3117
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-I	14.938	4022.7	0.015998	4244.6	9.022e-05	390	831	1610	2380
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-L	10.187	4022.7	0.015998	4244.6	8.6705e-05	390	831	1220	1704
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-P	8.3187	4022.7	0.007999	4457.7	9.9535e-05	390	491	880	3564
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-S	55.965	4022.7	0.027996	4515.8	9.8881e-05	390	831	1610	13276
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-F	6.416	4523.1	0.003999	5015	9.9e-05	380	481	810	2170
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-I	9.4226	4523.1	0.016997	4769.2	9.8344e-05	380	811	1570	2666
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-L	8.7087	4523.1	0.014998	4769.2	9.644e-05	380	811	1190	3525
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-P	8.3527	4523.1	0.006999	5015	9.6524e-05	380	481	860	3096
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-S	41.023	4523.1	0.024997	4981.3	9.7523e-05	380	811	1570	6557
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-F	15.756	8141.1	0.006998	8951.5	9.9345e-05	795	996	1690	2005
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-I	25.708	8141.1	0.047993	8505.8	0	795	1691	3280	1170
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-L	18.622	8141.1	0.040993	8505.8	7.2268e-05	795	1691	2485	1247
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-P	40.2	8141.1	0.017998	8951.5	9.9621e-05	795	996	1790	9473
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-S	1960.5	8141.1	0.062991	8988.4	9.9955e-05	795	1691	3280	204488
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-F	43.922	8617.1	0.007999	9454.8	9.6176e-05	836	1037	1772	8083
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-I	40.961	8617.1	0.058991	9061.7	9.922e-05	836	1773	3444	2573
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-L	39.041	8617.1	0.040994	9061.7	9.7947e-05	836	1773	2608	3678
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-P	166.06	8617.1	0.021997	9454.8	9.999e-05	836	1037	1872	48267
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-S	3600	8617.1	0.077988	9518	0.0024147	836	1773	3444	285165
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-F	144.14	8092.5	0.006999	9030	9.9465e-05	786	987	1672	24023
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-I	100.23	8092.5	0.044993	8513.4	9.9597e-05	786	1673	3244	9360
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-L	117.5	8092.5	0.041994	8513.4	9.9663e-05	786	1673	2458	15274
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-P	411.33	8092.5	0.020997	9030	9.9993e-05	786	987	1772	124078
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-S	3600	8092.5	0.044993	8955.8	0.0042237	786	1673	3244	400668
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-F	40.912	8713.3	0.008999	9644.8	9.8282e-05	798	999	1696	7650
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-I	72.042	8713.3	0.044993	9139.4	9.9495e-05	798	1697	3292	7816
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-L	41.654	8713.3	0.054991	9139.4	9.9768e-05	798	1697	2494	3840
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-P	74.66	8713.3	0.018997	9644.8	9.8555e-05	798	999	1796	19861
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-S	3600	8713.3	0.086987	9672.5	0.00064103	798	1697	3292	399928
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-F	62.648	8503.5	0.008999	9360.9	9.922e-05	819	1020	1738	15593
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-I	88.886	8503.5	0.049992	8954.5	9.9066e-05	819	1739	3376	10601
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-L	56.329	8503.5	0.036994	8954.5	9.9089e-05	819	1739	2557	7487
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-P	129.31	8503.5	0.021997	9360.9	9.9775e-05	819	1020	1838	40336
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-S	3600	8503.5	0.092986	9381.5	0.0035429	819	1739	3376	413885
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-F	7.0429	8897.5	0.006999	9835.5	9.7355e-05	802	1003	1704	1680
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-I	17.976	8897.5	0.039994	9260	9.343e-05	802	1705	3308	2794
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-L	12.379	8897.5	0.037995	9260	9.98e-05	802	1705	2506	1483
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-P	12.192	8897.5	0.015998	9835.5	7.4663e-05	802	1003	1804	1236
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-S	470.3	8897.5	0.078988	9828.6	9.9879e-05	802	1705	3308	35285
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-F	25.514	8411.3	0.007999	9173.5	9.8644e-05	800	1001	1700	4728
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-I	53.26	8411.3	0.046993	8788.4	9.4237e-05	800	1701	3300	6265
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-L	25.192	8411.3	0.035995	8788.4	9.5817e-05	800	1701	2500	2373
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-P	66.136	8411.3	0.021996	9173.5	9.9653e-05	800	1001	1800	18858
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-S	2695.8	8411.3	0.065989	9222.9	9.9997e-05	800	1701	3300	407553
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-F	34.838	8797.6	0.007999	9738.5	9.939e-05	821	1022	1742	4643
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-I	42.822	8797.6	0.059991	9266	9.9629e-05	821	1743	3384	1990
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-L	33.149	8797.6	0.034994	9266	9.87e-05	821	1743	2563	2019
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-P	57.844	8797.6	0.020997	9738.5	9.9749e-05	821	1022	1842	11737
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-S	1074.1	8797.6	0.064991	9765.5	9.9987e-05	821	1743	3384	86719
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-F	41.927	9165	0.005999	10181	9.9636e-05	792	993	1684	5802
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-I	49.196	9165	0.052992	9610.1	9.9895e-05	792	1685	3268	2500
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-L	36.368	9165	0.06599	9610.1	6.3754e-05	792	1685	2476	2286
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-P	79.366	9165	0.015998	10181	9.9797e-05	792	993	1784	20418
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-S	1762.9	9165	0.043993	10111	9.9952e-05	792	1685	3268	183147
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-F	295.76	8781.7	0.007999	9810	9.9825e-05	785	986	1670	64549
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-I	600.88	8781.7	0.039994	9337	9.9833e-05	785	1671	3240	74364
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-L	405.57	8781.7	0.038994	9337	9.9827e-05	785	1671	2455	70124
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-P	789.14	8781.7	0.017998	9810	9.9996e-05	785	986	1770	258779
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-S	3600	8781.7	0.050992	9770.2	0.011515	785	1671	3240	383815
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-F	15.396	9037.9	0.006998	9953.1	9.8972e-05	756	957	1612	2084
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-I	23.548	9037.9	0.036994	9354.1	7.979e-05	756	1613	3124	1264
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-L	19.679	9037.9	0.042993	9354.1	9.9434e-05	756	1613	2368	1361
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-P	19.582	9037.9	0.019997	9953.1	9.9691e-05	756	957	1712	3802
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.10	Optimal	-S	1368.7	9037.9	0.071989	9917.2	9.9968e-05	756	1613	3124	152614
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-F	126.64	8096.2	0.007999	9008	9.9956e-05	770	971	1640	28193
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-I	251.48	8096.2	0.051992	8542.8	9.9382e-05	770	1641	3180	20387
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-L	112.23	8096.2	0.051992	8542.8	9.9658e-05	770	1641	2410	15795
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-P	363.4	8096.2	0.022997	9008	9.9998e-05	770	971	1740	126151
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-S	3600	8096.2	0.081987	9018.8	0.0062391	770	1641	3180	310694

All Instances - Part 3

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-F	22.2	8434.1	0.009999	9317.8	9.8299e-05	798	999	1696	3153
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-I	28.713	8434.1	0.045993	8841.7	9.6472e-05	798	1697	3292	1623
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-L	21.613	8434.1	0.041994	8841.7	9.6806e-05	798	1697	2494	1636
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-P	34.987	8434.1	0.022996	9317.8	9.9751e-05	798	999	1796	7757
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-S	849.36	8434.1	0.057991	9337	9.9958e-05	798	1697	3292	90841
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-F	18.889	9195.9	0.010998	10036	8.6873e-05	794	995	1688	1339
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-I	24.061	9195.9	0.048993	9563.7	-1.978e-16	794	1689	3276	1155
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-L	15.647	9195.9	0.044993	9563.7	6.5846e-05	794	1689	2482	1206
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-P	30.276	9195.9	0.020996	10036	9.8038e-05	794	995	1788	6387
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-S	618.5	9195.9	0.074988	10065	9.9966e-05	794	1689	3276	70282
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-F	738.83	8568.1	0.009999	9614	2.9256e-05	790	991	1680	161095
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-I	738.77	8568.1	0.052992	9080.9	9.9844e-05	790	1681	3260	75094
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-L	460.27	8568.1	0.052992	9080.9	9.9995e-05	790	1681	2470	57575
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-P	1542.5	8568.1	0.027996	9614	9.9988e-05	790	991	1780	539378
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-S	3600	8568.1	0.074989	9561.5	0.016202	790	1681	3260	253407
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-F	9.4866	8020.8	0.007999	8738.8	3.1096e-05	753	954	1606	718
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-I	23.626	8020.8	0.049993	8350.2	9.6835e-05	753	1607	3112	1120
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-L	16.665	8020.8	0.036994	8350.2	7.5676e-05	753	1607	2359	1108
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-P	24.475	8020.8	0.017998	8738.8	9.0126e-05	753	954	1706	4773
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-S	383.41	8020.8	0.062991	8796.6	9.9981e-05	753	1607	3112	41669
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-F	116.25	8800.7	0.007998	9782	9.9911e-05	787	987	1674	21699
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-I	110.74	8800.7	0.052992	9266.5	9.9442e-05	787	1674	3248	9825
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-L	62.767	8800.7	0.039994	9266.5	9.7706e-05	787	1674	2461	6715
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-P	160.03	8800.7	0.022996	9782	9.9521e-05	787	987	1774	43277
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-S	3600	8800.7	0.06799	9737.2	0.0074355	787	1674	3248	261405
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-F	136.01	8603.2	0.005999	9599.7	9.9976e-05	838	1039	1776	37728
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-I	340.06	8603.2	0.060991	9069.6	9.9597e-05	838	1777	3452	30698
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-L	223.77	8603.2	0.047993	9069.6	9.9787e-05	838	1777	2614	29105
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-P	787.48	8603.2	0.027996	9599.7	0.0001	838	1039	1876	249588
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-S	3600	8603.2	0.093986	9568.9	0.011558	838	1777	3452	233306
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-F	80.49	7987.4	0.008998	8881.1	9.9323e-05	815	1016	1730	17244
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-I	150.11	7987.4	0.048993	8416.9	9.9368e-05	815	1731	3360	12998
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-L	178.01	7987.4	0.036994	8416.9	9.961e-05	815	1731	2545	19678
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-P	186.65	7987.4	0.021996	8881.1	9.9973e-05	815	1016	1830	56633
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-S	3600	7987.4	0.079988	8810.5	0.0066183	815	1731	3360	297540
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-F	28.382	9250.4	0.008999	10072	9.9143e-05	829	1030	1758	5310
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-I	40.681	9250.4	0.045993	9643.6	9.9895e-05	829	1759	3416	2449
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-L	25.089	9250.4	0.039994	9643.6	9.4409e-05	829	1759	2587	2080
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-P	83.029	9250.4	0.018997	10072	9.9289e-05	829	1030	1858	16631
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-S	3600	9250.4	0.072989	10048	0.0062692	829	1759	3416	359727
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-F	214.15	12955	0.014997	14063	9.967e-05	1173	1474	2496	19291
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-I	87.924	12955	0.087986	13481	9.9744e-05	1173	2497	4842	5655
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-L	49.434	12955	0.077989	13481	9.9701e-05	1173	2497	3669	2811
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.0	Optimal	-P	187.55	12955	0.030995	14063	9.9876e-05	1173	1474	2646	36683
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-S	3600	12955	0.081987	14121	0.0062127	1173	2497	4842	261395
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-F	3600	12008	0.011998	13635	0.0043204	1136	1437	2422	713142
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-I	3600	12008	0.071989	12877	0.0039973	1136	2423	4694	323988
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-L	3600	12008	0.06599	12877	0.004896	1136	2423	3558	444392
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-P	3600	12008	0.031995	13635	0.012403	1136	1437	2572	1078566
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-S	3600	11998	0.11698	13606	0.024676	1136	2423	4694	156211
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-F	1467	12848	0.008999	14218	9.9986e-05	1163	1464	2476	346131
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-I	881.29	12848	0.081988	13460	9.9923e-05	1163	2477	4802	87226
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-L	812.05	12848	0.082987	13460	9.9982e-05	1163	2477	3639	72219
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-P	3600	12848	0.036994	14218	0.0011263	1163	1464	2626	903827
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-S	3600	12848	0.15698	14176	0.010939	1163	2477	4802	165804
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-F	779.92	12001	0.015998	13244	9.9976e-05	1196	1496	2542	147691
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-I	498.26	12001	0.11498	12573	9.9788e-05	1196	2542	4934	28675
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-L	447.91	12001	0.085987	12573	9.9969e-05	1196	2542	3738	31977
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-P	3600	12001	0.030995	13244	0.00097529	1196	1496	2692	949908
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-S	3600	12001	0.11898	13348	0.013313	1196	2542	4934	189100
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-F	3171.3	12082	0.014997	13516	9.9998e-05	1153	1454	2456	620377
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-I	1914.7	12082	0.095985	12790	9.9995e-05	1153	2457	4762	166000
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-L	1671.7	12082	0.081987	12790	9.9997e-05	1153	2457	3609	193888
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-P	3600	12082	0.029995	13516	0.0047779	1153	1454	2606	918153
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-S	3600	12082	0.15098	13472	0.018272	1153	2457	4762	193341
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-F	166.5	13282	0.013998	14500	9.9169e-05	1167	1468	2484	16379
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-I	50.022	13282	0.06899	13847	9.7563e-05	1167	2485	4818	2179
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-L	54.342	13282	0.073989	13847	9.7837e-05	1167	2485	3651	3449
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-P	329.62	13282	0.028995	14500	9.9936e-05	1167	1468	2634	63659
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-S	3600	13282	0.087987	14550	0.0091023	1167	2485	4818	258957
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-F	2136.1	13547	0.013998	14899	9.9997e-05	1210	1511	2570	333459
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-I	786.3	13547	0.079988	14170	9.9967e-05	1210	2571	4990	69325
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.6	Optimal	-L	1959.7	13547	0.087986	14170	9.9976e-05	1210	2571	3780	171399
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-P	3600	13547	0.021997	14899	0.0032044	1210	1511	2720	877213
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-S	3600	13547	0.081987	14861	0.014773	1210	2571	4990	184691
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-F	536.13	12555	0.015998	13806	0.0001	1216	1517	2582	101549
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-I	225.16	12555	0.11198	13162	9.9936e-05	1216	2583	5014	13138
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-L	423.73	12555	0.085987	13162	9.9691e-05	1216	2583	3798	27347
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-P	1561.5	12555	0.029996	13806	0.0001	1216	1517	2732	416140
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-S	3600	12555	0.15198	13856	0.012179	1216	2583	5014	213615

All Instances - Part 4

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-F	3600	12970	0.020997	14396	0.00013767	1156	1457	2462	655017
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-I	2614.8	12970	0.11898	13653	9.9989e-05	1156	2463	4774	222182
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.8	Optimal	-L	1283.8	12970	0.076988	13653	9.9966e-05	1156	2463	3618	161891
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-P	3600	12970	0.035994	14396	0.0061638	1156	1457	2612	813352
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-S	3600	12970	0.12998	14481	0.018654	1156	2463	4774	195268
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-F	3109.4	13045	0.016997	14695	9.9998e-05	1206	1507	2562	492285
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-I	1956.5	13045	0.10998	13895	9.9966e-05	1206	2563	4974	151923
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-L	1615.5	13045	0.10598	13895	9.9989e-05	1206	2563	3768	150671
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-P	3600	13045	0.028995	14695	0.0053917	1206	1507	2712	970335
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-S	3600	13045	0.13498	14767	0.021487	1206	2563	4974	214588
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-F	3600	12235	0.015998	13704	0.0039455	1108	1408	2366	716874
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-I	3600	12235	0.086987	13004	0.0018336	1108	2366	4582	386537
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-L	3600	12235	0.082987	13004	0.0026987	1108	2366	3474	511183
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-P	3600	12235	0.032995	13704	0.0068923	1108	1408	2516	960667
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-S	3600	12235	0.11198	13737	0.023171	1108	2366	4582	192292
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-F	3600	12283	0.028996	13729	0.0076027	1209	1510	2568	468909
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-I	3600	12283	0.10898	12999	0.0059133	1209	2569	4986	244312
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-L	3600	12283	0.080988	12999	0.0050259	1209	2569	3777	358750
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-P	3600	12282	0.038994	13729	0.011868	1209	1510	2718	978358
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-S	3600	12282	0.12998	13715	0.024557	1209	2569	4986	248002
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-F	622.57	13124	0.017998	14528	9.9968e-05	1209	1510	2568	94909
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-I	823.51	13124	0.06499	13788	9.9969e-05	1209	2569	4986	60251
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.12	Optimal	-L	434.52	13124	0.081988	13788	9.9981e-05	1209	2569	3777	38862
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-P	3600	13124	0.044993	14528	0.0024459	1209	1510	2718	887511
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-S	3600	13124	0.13998	14536	0.011534	1209	2569	4986	207193
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-F	3600	12330	0.016998	13818	0.0037367	1176	1477	2502	425474
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-I	3089.2	12330	0.085987	12992	9.9971e-05	1176	2503	4854	216612
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-L	3600	12330	0.093986	12992	0.00098726	1176	2503	3678	302776
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-P	3600	12330	0.034995	13818	0.0067273	1176	1477	2652	947298
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-S	3600	12330	0.088986	13739	0.020224	1176	2503	4854	157700
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-F	550.25	12872	0.015998	14306	9.9824e-05	1197	1498	2544	57349
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-I	239.42	12872	0.10798	13522	9.9909e-05	1197	2545	4938	11985
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-L	202.9	12872	0.071989	13522	9.9985e-05	1197	2545	3741	15969
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-P	3600	12872	0.038994	14306	0.00062931	1197	1498	2694	858605
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-S	3600	12872	0.11198	14306	0.012684	1197	2545	4938	228228
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-F	1684.3	12575	0.014998	13908	9.9999e-05	1241	1542	2632	372457
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-I	746.79	12575	0.11398	13182	9.9994e-05	1241	2633	5114	66219
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.15	Optimal	-L	698.79	12575	0.080988	13182	9.9983e-05	1241	2633	3873	72803
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-P	3600	12575	0.037994	13908	0.0020342	1241	1542	2782	779673
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-S	3600	12575	0.12198	13919	0.012953	1241	2633	5114	167700
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-F	343	12158	0.014998	13215	9.9924e-05	1188	1489	2526	37929
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-I	760.77	12158	0.10498	12670	9.9968e-05	1188	2527	4902	39439
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-L	372.53	12158	0.079987	12670	9.9899e-05	1188	2527	3714	23263
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-P	1073.8	12158	0.034995	13215	9.9994e-05	1188	1489	2676	211808
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-S	3600	12158	0.11098	13214	0.0092053	1188	2527	4902	144982
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-F	155.97	13322	0.010998	14553	9.9905e-05	1206	1507	2562	23966
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-I	151.25	13322	0.06699	13835	9.9701e-05	1206	2563	4974	8670
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-L	72.128	13322	0.078988	13835	9.987e-05	1206	2563	3768	4354
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.17	Optimal	-P	617.36	13322	0.037994	14553	9.9949e-05	1206	1507	2712	111114
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-S	3600	13322	0.12198	14543	0.01128	1206	2563	4974	171021
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-F	1113.7	12602	0.015997	13929	9.9992e-05	1144	1445	2438	170674
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-I	529.77	12602	0.093986	13221	9.9922e-05	1144	2439	4726	28223
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-L	255.27	12602	0.075989	13221	9.8515e-05	1144	2439	3582	16782
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-P	3577	12602	0.035994	13929	9.9985e-05	1144	1445	2588	772239
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-S	3600	12602	0.15598	13905	0.010104	1144	2439	4726	193204
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-F	78.294	12385	0.017998	13587	9.9177e-05	1186	1487	2522	9006
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-I	78.686	12385	0.10698	12890	9.9994e-05	1186	2523	4894	2694
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-L	42.42	12385	0.072989	12890	9.8509e-05	1186	2523	3708	871
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-P	341.02	12385	0.041994	13587	9.9953e-05	1186	1487	2672	62842
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-S	3600	12385	0.12698	13624	0.0040963	1186	2523	4894	174564
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-F	3600	16215	0.022996	17926	0.0022907	1418	1819	3036	414548
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-I	3600	16215	0.095985	17048	0.00043687	1418	3037	5872	187050
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-L	3600	16215	0.11698	17048	0.0017121	1418	3037	4454	214197
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-P	3600	16215	0.028995	17926	0.0064691	1418	1819	3236	637489
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-S	3600	16215	0.16398	18011	0.018724	1418	3037	5872	128760
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-F	3600	16784	0.016998	18454	0.0040303	1421	1822	3042	550698
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-I	3600	16784	0.12398	17536	0.0016966	1421	3043	5884	238340
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.1	Optimal	-L	2326.6	16784	0.095986	17536	9.9993e-05	1421	3043	4463	242213
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-P	3600	16784	0.044993	18454	0.0056873	1421	1822	3242	780857
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-S	3600	16784	0.14598	18466	0.018832	1421	3043	5884	213174
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-F	3600	16255	0.012998	18004	0.0028602	1411	1810	3022	359634
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-I	3600	16255	0.12698	17055	0.0019767	1411	3021	5844	183302
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.2	Optimal	-L	3546.4	16255	0.12498	17055	9.999e-05	1411	3021	4433	256813
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-P	3600	16255	0.034995	18004	0.005286	1411	1810	3222	710919
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-S	3600	16255	0.20397	17990	0.018886	1411	3021	5844	127100
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-F	754.58	17991	0.018997	19773	9.9988e-05	1425	1826	3050	116049
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-I	245.68	17991	0.12098	18764	9.9792e-05	1425	3051	5900	12422
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-L	319.55	17991	0.075988	18764	9.9978e-05	1425	3051	4475	15040
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-P	2042.2	17991	0.045993	19773	9.9991e-05	1425	1826	3250	407748
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-S	3600	17991	0.14098	19853	0.01237	1425	3051	5900	144841

All Instances - Part 5

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-F	3600	17053	0.021997	18699	0.00040116	1392	1793	2984	448159
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-I	925.36	17053	0.13198	17810	9.9978e-05	1392	2985	5768	51519
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-L	314.58	17053	0.082987	17810	9.9979e-05	1392	2985	4376	23054
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-P	3600	17053	0.042993	18699	0.0025191	1392	1793	3184	867410
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-S	3600	17053	0.15498	18646	0.011068	1392	2985	5768	178031
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-F	1845.3	16408	0.018997	18117	9.9961e-05	1396	1795	2992	328966
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-I	580.6	16408	0.10298	17260	9.997e-05	1396	2991	5784	33570
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-L	426.37	16408	0.074988	17260	9.9614e-05	1396	2991	4388	20530
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-P	3600	16408	0.049992	18117	0.0023015	1396	1795	3192	757039
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-S	3600	16408	0.18697	18238	0.014214	1396	2991	5784	120520
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-F	3600	16918	0.022997	18683	0.0029844	1381	1782	2962	437889
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-I	3600	16918	0.10099	17758	0.0018625	1381	2963	5724	233000
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-L	3600	16918	0.089987	17758	0.0013494	1381	2963	4343	354541
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-P	3600	16918	0.044994	18683	0.0075027	1381	1782	3162	755846
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-S	3600	16918	0.18397	18617	0.015091	1381	2963	5724	202564
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-F	3600	16888	0.009998	18603	0.0024888	1426	1827	3052	476347
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.7	Optimal	-I	2696	16888	0.11298	17747	9.9984e-05	1426	3053	5904	226578
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-L	3600	16888	0.099985	17747	0.00075261	1426	3053	4478	291053
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-P	3600	16888	0.044993	18603	0.0060141	1426	1827	3252	696167
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-S	3600	16888	0.16597	18752	0.017498	1426	3053	5904	178640
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-F	3600	16885	0.018997	18487	0.0015389	1370	1770	2940	520874
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-I	3600	16885	0.13898	17706	0.0005058	1370	2940	5680	278721
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-L	3600	16885	0.077988	17706	0.00022319	1370	2940	4310	363444
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-P	3600	16885	0.036994	18487	0.0056257	1370	1770	3140	779276
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-S	3600	16885	0.14398	18613	0.013899	1370	2940	5680	234811
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-F	1306.6	16870	0.021997	18626	9.9998e-05	1399	1800	2998	177394
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-I	602.8	16870	0.13298	17686	9.9506e-05	1399	2999	5796	30938
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.9	Optimal	-L	373.89	16870	0.10898	17686	9.9851e-05	1399	2999	4397	32739
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-P	3600	16870	0.054992	18626	0.0037682	1399	1800	3198	834634
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-S	3600	16870	0.15298	18654	0.01582	1399	2999	5796	171524
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-F	3600	16109	0.020997	17848	0.003929	1385	1786	2970	424471
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-I	3600	16109	0.13998	16954	0.0027366	1385	2971	5740	219349
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-L	3600	16109	0.075988	16954	0.0023537	1385	2971	4355	303671
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-P	3600	16109	0.044993	17848	0.007129	1385	1786	3170	815816
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-S	3600	16109	0.16098	17889	0.018635	1385	2971	5740	152477
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-F	2310.4	17731	0.019997	19441	9.9985e-05	1398	1799	2996	285874
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-I	672.94	17731	0.12698	18532	9.9973e-05	1398	2997	5792	28854
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.11	Optimal	-L	365.69	17731	0.092985	18532	9.9857e-05	1398	2997	4394	15876
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-P	3600	17731	0.048993	19441	0.0018837	1398	1799	3196	765310
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-S	3600	17731	0.19397	19469	0.010723	1398	2997	5792	165559
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-F	3600	16505	0.020997	18347	0.0047486	1416	1817	3032	557629
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-I	3600	16505	0.13298	17335	0.0021532	1416	3033	5864	201808
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-L	3600	16505	0.11198	17335	0.0014975	1416	3033	4448	361423
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-P	3600	16505	0.059991	18347	0.0077676	1416	1817	3232	742077
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-S	3600	16505	0.17497	18258	0.017539	1416	3033	5864	125857
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-F	3600	16297	0.017997	18105	0.0030647	1403	1804	3006	561313
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-I	3600	16297	0.12898	17143	0.00039321	1403	3007	5812	239408
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.13	Optimal	-L	2436.7	16297	0.10098	17143	9.9985e-05	1403	3007	4409	197097
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-P	3600	16297	0.06099	18105	0.0069873	1403	1804	3206	786337
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-S	3600	16297	0.19297	18105	0.017421	1403	3007	5812	142643
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-F	508.47	17471	0.016998	19266	4.2407e-05	1419	1820	3038	63667
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-I	446.7	17471	0.13398	18248	9.9798e-05	1419	3039	5876	18411
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-L	129.3	17471	0.075988	18248	9.9659e-05	1419	3039	4457	8276
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.14	Optimal	-P	3094.5	17471	0.032995	19266	9.9991e-05	1419	1820	3238	689338
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-S	3600	17471	0.20997	19228	0.010996	1419	3039	5876	140956
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-F	3600	16814	0.021996	18612	0.0042776	1414	1815	3028	558729
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-I	3600	16814	0.091986	17710	0.0033594	1414	3029	5856	193217
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-L	3600	16814	0.078988	17710	0.0024874	1414	3029	4442	341577
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-P	3600	16814	0.057991	18612	0.0079185	1414	1815	3228	911331
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-S	3600	16814	0.19797	18570	0.018535	1414	3029	5856	136111
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-F	3600	15860	0.016997	17486	0.00027258	1459	1860	3118	482127
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-I	1579.3	15860	0.12498	16653	9.9994e-05	1459	3119	6036	119421
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.16	Optimal	-L	1765	15860	0.087987	16653	9.9988e-05	1459	3119	4577	212007
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-P	3600	15860	0.028995	17486	0.0033648	1459	1860	3318	766277
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-S	3600	15860	0.13798	17632	0.014284	1459	3119	6036	167010
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-F	3600	17434	0.017997	19442	0.0057306	1418	1819	3036	575783
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-I	3600	17434	0.10199	18365	0.0031335	1418	3037	5872	156147
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-L	3600	17434	0.082987	18365	0.0028021	1418	3037	4454	233141
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-P	3600	17434	0.037994	19442	0.0084275	1418	1819	3236	843704
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-S	3600	17434	0.10099	19540	0.022143	1418	3037	5872	199735
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-F	367.1	16538	0.027996	18091	9.9992e-05	1469	1869	3138	27887
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-I	201.86	16538	0.11898	17203	9.9205e-05	1469	3138	6076	10726
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-L	193.66	16538	0.11398	17203	9.9998e-05	1469	3138	4607	13061
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.18	Optimal	-P	1934.2	16538	0.052992	18091	9.9989e-05	1469	1869	3338	373240
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-S	3600	16538	0.19497	18096	0.013963	1469	3138	6076	126037
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-F	3600	17637	0.019997	19358	0.0033186	1450	1851	3100	507208
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-I	3600	17637	0.096985	18464	0.00092939	1450	3101	6000	153672
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.19	Optimal	-L	2502.3	17637	0.085987	18464	9.9998e-05	1450	3101	4550	189586
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-P	3600	17637	0.054991	19358	0.0055237	1450	1851	3300	808123
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-S	3600	17637	0.17297	19378	0.01709	1450	3101	6000	144814

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-F	3600	19972	0.039994	22157	0.0048896	1827	2328	3904	279642
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-I	3600	19972	0.18997	21021	0.0041253	1827	3905	7558	87042
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-L	3600	19972	0.15698	21021	0.0029596	1827	3905	5731	170820
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-P	3600	19972	0.075989	22157	0.0097272	1827	2328	4154	670811
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-S	3600	19968	0.25096	22237	0.021401	1827	3905	7558	116976
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-F	3600	22664	0.030996	24973	0.0044548	1938	2438	4126	278355
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-I	3600	22664	0.19297	23707	0.0016547	1938	4126	8002	224610
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-L	3600	22664	0.12898	23707	0.0022696	1938	4126	6064	169974
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-P	3600	22664	0.056992	24973	0.0060646	1938	2438	4376	571104
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-S	3600	22664	0.30895	25021	0.017802	1938	4126	8002	110812
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-F	3600	21523	0.036994	23794	0.0060369	1931	2432	4112	287357
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-I	3600	21523	0.22697	22687	0.0028469	1931	4113	7974	160604
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-L	3600	21523	0.15998	22687	0.0031904	1931	4113	6043	200099
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-P	3600	21523	0.074989	23794	0.01045	1931	2432	4362	495352
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-S	3600	21523	0.30095	23916	0.022069	1931	4113	7974	92200
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-F	3600	21807	0.034995	23810	0.00026391	1942	2442	4134	339907
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-I	584.96	21807	0.24196	22660	9.9916e-05	1942	4134	8018	16439
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.3	Optimal	-L	381.11	21807	0.095985	22660	9.9983e-05	1942	4134	6076	20919
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-P	3600	21807	0.076988	23810	0.0018892	1942	2442	4384	604487
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-S	3600	21807	0.23996	23793	0.0097665	1942	4134	8018	116398
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-F	3600	21392	0.031995	23457	0.0015014	1909	2409	4068	222079
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-I	988.1	21392	0.18897	22290	9.9989e-05	1909	4068	7886	40502
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.4	Optimal	-L	1152.5	21392	0.15298	22290	9.9979e-05	1909	4068	5977	74777
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-P	3600	21392	0.079988	23457	0.0042136	1909	2409	4318	383540
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-S	3600	21389	0.24496	23408	0.014462	1909	4068	7886	93507
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-F	3600	21470	0.037995	23552	0.001044	1931	2432	4112	308588
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-I	3600	21470	0.22097	22355	0.0010845	1931	4113	7974	159801
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.5	Optimal	-L	3139.4	21470	0.20797	22355	9.9991e-05	1931	4113	6043	179416
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-P	3600	21470	0.06799	23552	0.0045652	1931	2432	4362	575007
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-S	3600	21470	0.35295	23509	0.013258	1931	4113	7974	84805
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-F	3600	21308	0.026996	23597	0.0064063	1920	2421	4090	301955
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-I	3600	21308	0.21697	22380	0.0048148	1920	4091	7930	111047
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-L	3600	21308	0.16298	22380	0.0036588	1920	4091	6010	151453
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-P	3600	21308	0.06599	23597	0.0089638	1920	2421	4340	485868
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-S	3600	21308	0.24696	23654	0.020434	1920	4091	7930	139974
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-F	3600	19932	0.031995	22185	0.0093573	1993	2494	4236	325821
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-I	3600	19932	0.28496	21085	0.0072645	1993	4237	8222	122754
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-L	3600	19932	0.19697	21085	0.0083348	1993	4237	6229	130692
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-P	3600	19932	0.072989	22185	0.014397	1993	2494	4486	510886
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-S	3600	19932	0.28296	22118	0.02411	1993	4237	8222	87231
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-F	3600	20806	0.032995	23093	0.010936	1964	2465	4178	347111
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-I	3600	20802	0.29296	21906	0.0076885	1964	4179	8106	138119
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-L	3600	20806	0.14898	21906	0.0075048	1964	4179	6142	113873
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-P	3600	20806	0.071989	23093	0.013749	1964	2465	4428	520854
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-S	3600	20802	0.26796	23058	0.026314	1964	4179	8106	65116
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-F	3600	20638	0.030995	22866	0.0079395	1879	2380	4008	301895
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-I	3600	20638	0.22197	21778	0.0050154	1879	4009	7766	116272
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-L	3600	20638	0.16598	21778	0.0042584	1879	4009	5887	164531
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-P	3600	20632	0.069989	22866	0.011339	1879	2380	4258	465041
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-S	3600	20632	0.26296	22984	0.024487	1879	4009	7766	76062
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-F	3600	22327	0.028996	24490	0.0039653	1894	2395	4038	409058
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-I	3600	22327	0.22297	23275	0.0023613	1894	4039	7826	149736
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-L	3600	22327	0.17397	23275	0.0017986	1894	4039	5932	224784
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-P	3600	22327	0.06399	24490	0.0069019	1894	2395	4288	601529
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-S	3600	22327	0.32995	24537	0.01944	1894	4039	7826	124835
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-F	3600	21142	0.031995	23494	0.0083914	1978	2479	4206	374717
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-I	3600	21142	0.20297	22320	0.0072952	1978	4207	8162	121377
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-L	3600	21142	0.16098	22320	0.0055607	1978	4207	6184	191462
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-P	3600	21142	0.06299	23494	0.014465	1978	2479	4456	521986
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-S	3600	21142	0.22597	23569	0.025113	1978	4207	8162	96619
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-F	3600	20730	0.033995	22830	0.0048331	1964	2465	4178	323822
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-I	3600	20730	0.24896	21733	0.0022481	1964	4179	8106	99024
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-L	3600	20730	0.19197	21733	0.0021196	1964	4179	6142	152535
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-P	3600	20730	0.067989	22830	0.0089511	1964	2465	4428	583096
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.12	Feasible	-S	3600	20730	0.26096	22870	0.019698	1964	4179	8106	77820
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-F	3600	22068	0.034994	24322	0.0050234	1951	2452	4152	262911
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-I	3600	22068	0.29296	23104	0.0024544	1951	4153	8054	122768
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-L	3600	22068	0.20197	23104	0.0022172	1951	4153	6103	174718
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-P	3600	22068	0.056991	24322	0.008462	1951	2452	4402	515296
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.13	Feasible	-S	3600	22067	0.23996	24366	0.021981	1951	4153	8054	95081
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-F	3600	21194	0.027996	23283	0.006388	1976	2477	4202	312016
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-I	3600	21194	0.24896	22200	0.0051331	1976	4203	8154	113237
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-L	3600	21194	0.16897	22200	0.0044698	1976	4203	6178	125289
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-P	3600	21194	0.059991	23283	0.0093777	1976	2477	4452	428454
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.14	Feasible	-S	3600	21193	0.28596	23260	0.02222	1976	4203	8154	58392
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-F	3600	22345	0.031995	24662	0.0069886	1996	2496	4242	428607
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-I	3600	22345	0.18597	23471	0.0052957	1996	4242	8234	133792
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-L	3600	22345	0.16498	23471	0.0061687	1996	4242	6238	142489
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-P	3600	22345	0.06599	24662	0.011628	1996	2496	4492	497518
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.15	Feasible	-S	3600	22344	0.29396	24740	0.022428	1996	4242	8234	105811

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-F	3600	21069	0.026996	23381	0.0075328	1934	2434	4118	418368
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-I	3600	21069	0.26296	22186	0.0056282	1934	4118	7986	149461
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-L	3600	21069	0.16798	22186	0.0057633	1934	4118	6052	173675
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-P	3600	21069	0.068989	23381	0.011585	1934	2434	4368	559714
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.16	Feasible	-S	3600	21069	0.34295	23313	0.022423	1934	4118	7986	101191
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-F	3600	22017	0.025996	24360	0.0082118	1960	2461	4170	356940
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-I	3600	22017	0.21397	23163	0.0063454	1960	4171	8090	97362
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-L	3600	22017	0.19997	23163	0.0069558	1960	4171	6130	160396
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-P	3600	22017	0.06699	24360	0.013203	1960	2461	4420	574627
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.17	Feasible	-S	3600	22017	0.27596	24321	0.021627	1960	4171	8090	93762
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-F	3600	21412	0.037994	23680	0.0072896	1980	2481	4210	349255
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-I	3600	21412	0.20097	22564	0.0052007	1980	4211	8170	149859
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-L	3600	21412	0.15998	22564	0.0047871	1980	4211	6190	179966
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-P	3600	21412	0.058991	23680	0.011656	1980	2481	4460	519753
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.18	Feasible	-S	3600	21412	0.35395	23704	0.022597	1980	4211	8170	83561
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-F	3600	20792	0.026996	22926	0.0059042	1882	2383	4014	348305
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-I	3600	20792	0.25596	21764	0.0035694	1882	4015	7778	135617
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-L	3600	20792	0.13098	21764	0.0026687	1882	4015	5896	197604
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-P	3600	20792	0.06699	22926	0.007962	1882	2383	4264	590490
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25.19	Feasible	-S	3600	20792	0.28196	22973	0.017811	1882	4015	7778	117592
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-F	3600	25330	0.030995	28102	0.011059	2133	2734	4566	372044
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-I	3600	25330	0.23796	26732	0.0084034	2133	4567	8832	111908
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-L	3600	25330	0.17297	26732	0.0074948	2133	4567	6699	173945
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-P	3600	25330	0.082988	28102	0.015421	2133	2734	4866	452523
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.0	Feasible	-S	3600	25330	0.31295	28171	0.026701	2133	4567	8832	87230
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-F	3600	25054	0.037995	27881	0.011154	2130	2730	4560	307281
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-I	3600	25054	0.27296	26421	0.0068252	2130	4560	8820	78873
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-L	3600	25054	0.23696	26421	0.0061744	2130	4560	6690	109806
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-P	3600	25054	0.091986	27881	0.014858	2130	2730	4860	506867
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.1	Feasible	-S	3600	25052	0.33095	28021	0.023142	2130	4560	8820	81527
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-F	3600	24843	0.028996	27268	0.0079737	2157	2758	4614	300738
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-I	3600	24843	0.28496	26003	0.0051807	2157	4615	8928	93098
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-L	3600	24843	0.27096	26003	0.0053066	2157	4615	6771	144474
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-P	3600	24843	0.087986	27268	0.010653	2157	2758	4914	481027
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.2	Feasible	-S	3600	24843	0.25796	27381	0.019973	2157	4615	8928	86120
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-F	3600	24701	0.041994	27317	0.0053469	2147	2748	4594	361090
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-I	3600	24701	0.29496	25916	0.0032048	2147	4595	8888	123486
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-L	3600	24701	0.22897	25916	0.0032958	2147	4595	6741	111715
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-P	3600	24701	0.075988	27317	0.0098362	2147	2748	4894	488971
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.3	Feasible	-S	3600	24701	0.31995	27364	0.018741	2147	4595	8888	92019
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-F	3600	25667	0.035995	28188	0.0053474	2129	2730	4558	272530
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-I	3600	25667	0.22897	26725	0.002545	2129	4559	8816	74053
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-L	3600	25667	0.17597	26725	0.0016415	2129	4559	6687	149556
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-P	3600	25667	0.054992	28188	0.0077779	2129	2730	4858	617610
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.4	Feasible	-S	3600	25667	0.19297	28234	0.017254	2129	4559	8816	113655
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-F	3600	24267	0.041994	26985	0.011685	2105	2706	4510	374263
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-I	3600	24267	0.21897	25608	0.0080874	2105	4511	8720	123225
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-L	3600	24267	0.10598	25608	0.0081865	2105	4511	6615	178830
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-P	3600	24267	0.062991	26985	0.01588	2105	2706	4810	544905
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.5	Feasible	-S	3600	24265	0.31195	27078	0.026773	2105	4511	8720	63522
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-F	3600	25723	0.046993	28192	0.0050329	2096	2696	4492	271739
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-I	3600	25723	0.16398	26825	0.0022366	2096	4492	8684	129949
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-L	3600	25723	0.19097	26825	0.0017032	2096	4492	6588	198790
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-P	3600	25723	0.068989	28192	0.0079283	2096	2696	4792	454381
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.6	Feasible	-S	3600	25723	0.37094	28143	0.01562	2096	4492	8684	81157
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-F	3600	24534	0.025996	26983	0.0049831	2049	2648	4398	305030
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-I	3600	24534	0.15598	25617	0.0027296	2049	4397	8496	158943
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-L	3600	24534	0.14498	25617	0.0025465	2049	4397	6447	183364
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-P	3600	24534	0.068989	26983	0.0085154	2049	2648	4698	415337
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.7	Feasible	-S	3600	24534	0.30995	27003	0.015278	2049	4397	8496	114808
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-F	3600	25220	0.033995	27885	0.0083146	2131	2731	4562	277429
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-I	3600	25220	0.27296	26549	0.005649	2131	4562	8824	93797
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-L	3600	25220	0.20997	26549	0.0050366	2131	4562	6693	120512
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-P	3600	25220	0.082988	27885	0.011472	2131	2731	4862	355341
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.8	Feasible	-S	3600	25220	0.31795	27902	0.022451	2131	4562	8824	94625
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-F	3600	24115	0.033995	26647	0.0059864	2155	2756	4610	290175
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-I	3600	24115	0.20497	25310	0.0042165	2155	4611	8920	95988
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-L	3600	24115	0.25796	25310	0.0042157	2155	4611	6765	166493
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-P	3600	24115	0.085987	26647	0.010462	2155	2756	4910	421405
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.9	Feasible	-S	3600	24115	0.28596	26739	0.019684	2155	4611	8920	115400
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-F	3600	26225	0.043994	29010	0.0085238	2221	2822	4742	297762
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-I	3600	26225	0.20597	27491	0.0074202	2221	4743	9184	84706
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-L	3600	26225	0.23197	27491	0.0056777	2221	4743	6963	149380
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-P	3600	26225	0.091986	29010	0.012967	2221	2822	5042	506213
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.10	Feasible	-S	3600	26225	0.31595	28943	0.022758	2221	4743	9184	73459
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-F	3600	24299	0.037994	27137	0.01188	2120	2721	4540	334001
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-I	3600	24299	0.25696	25588	0.0077622	2120	4541	8780	79494
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-L	3600	24299	0.24396	25588	0.007716	2120	4541	6660	95040
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-P	3600	24299	0.085987	27137	0.015067	2120	2721	4840	491012
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25.11	Feasible	-S	3600	24299	0.35495	27049	0.024502	2120	4541	8780	63583

Table with Means and Standard Deviations - All Instances

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-F	20	0	3.9109	3.0808	0.0031496	0.0010618	1531.8	951.23	7.9697e-05	2.1245e-05	0.10671
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-I	20	0	7.7789	5.6671	0.018247	0.0028956	1550	958.67	7.38e-05	3.2665e-05	0.050701
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-L	20	0	5.9648	3.6004	0.015648	0.0017683	1697.2	1129	7.7509e-05	2.7416e-05	0.050697
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-P	20	0	6.3079	4.2427	0.0075988	0.00085991	2597.6	2021.3	7.6421e-05	3.292e-05	0.10671
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-S	20	0	54.244	78.711	0.026046	0.0044317	10303	18351	9.1904e-05	1.2472e-05	0.10591
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-F	20	0	100.25	161.41	0.0081488	0.0012757	20866	35686	9.1507e-05	2.0635e-05	0.099314
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-I	20	0	141.19	194.79	0.049143	0.0062623	13802	21589	8.7751e-05	2.9589e-05	0.049099
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-L	20	0	96.078	125.66	0.043343	0.0076492	12304	18817	9.2778e-05	1.1978e-05	0.049093
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-P	20	0	252.93	372.84	0.020997	0.0031617	80371	1.2907e+05	9.7908e-05	5.7412e-06	0.099308
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-S	9	11	2539.2	1271.4	0.070539	0.013762	2.4361e+05	1.2716e+05	0.0038779	0.0047008	0.1002
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-F	15	5	1706.4	1394.4	0.015998	0.003911	2.9114e+05	2.4803e+05	0.001062	0.0020446	0.10592
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-I	17	3	1311.7	1269.4	0.094236	0.017213	1.0676e+05	1.1337e+05	0.00067203	0.0015074	0.050099
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-L	16	4	1239.8	1303.1	0.081338	0.0082889	1.3028e+05	1.5338e+05	0.00076009	0.0015181	0.050005
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-P	7	13	2724.4	1361.3	0.034345	0.0051594	6.799e+05	3.605e+05	0.003267	0.0037878	0.10348
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0054772	0.12168	0.022982	1.9589e+05	32724	0.014471	0.0058767	0.092206
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-F	6	14	2874.6	1174.4	0.019447	0.0037207	3.9376e+05	1.6935e+05	0.0021239	0.0018267	0.1008
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-I	9	11	2377.6	1441.8	0.11933	0.015105	1.4082e+05	90557	0.0010041	0.0011152	0.04508
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-L	12	8	2175	1467.7	0.092836	0.015286	1.8447e+05	1.3206e+05	0.00071884	0.00092127	0.047765
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-P	3	17	3413.6	487.96	0.045543	0.0095457	7.3645e+05	1.3104e+05	0.0047238	0.0026919	0.097956
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0038406	0.16907	0.026733	1.6006e+05	31928	0.015887	0.0030691	0.087774
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-F	0	20	3600	0.0047697	0.032195	0.0040068	3.2884e+05	51556	0.0058679	0.0026716	0.092879
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-I	2	18	3318.7	846.45	0.23077	0.033435	1.2247e+05	42837	0.0040113	0.0022745	0.04522
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-L	3	17	3293.7	856.93	0.16497	0.026501	1.5497e+05	44918	0.0037493	0.0023824	0.045484
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-P	0	20	3600	0.004	0.06769	0.006403	5.3377e+05	64921	0.0094775	0.003399	0.088954
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0072629	0.28256	0.037907	96887	19868	0.020472	0.0040367	0.082851
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-F	0	20	3600	0.0066895	0.037794	0.005749	3.0265e+05	41280	0.0068376	0.0026913	0.096029
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-I	0	20	3600	0.0079215	0.23256	0.037131	1.1144e+05	28010	0.0042394	0.0022893	0.043653
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-L	0	20	3600	0.0045826	0.20527	0.046808	1.5718e+05	36182	0.0039243	0.0021332	0.04398
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-P	0	20	3600	0.003	0.079738	0.011456	4.6198e+05	71328	0.010355	0.0029917	0.087911
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0072629	0.30965	0.04737	93833	19226	0.019623	0.0038828	0.084085

Table with Means and Standard Deviations - Only solved within the time limit

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-F	20	0	3.9109	3.0808	0.0031496	0.0010618	1531.8	951.23	7.9697e-05	2.1245e-05	0.10671
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-I	20	0	7.7789	5.6671	0.018247	0.0028956	1550	958.67	7.38e-05	3.2665e-05	0.050701
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-L	20	0	5.9648	3.6004	0.015648	0.0017683	1697.2	1129	7.7509e-05	2.7416e-05	0.050697
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-P	20	0	6.3079	4.2427	0.0075988	0.00085991	2597.6	2021.3	7.6421e-05	3.292e-05	0.10671
c-n=50-c=14-p=7-o=8-l=1-h=100-d=0.25	-S	20	0	54.244	78.711	0.026046	0.0044317	10303	18351	9.1904e-05	1.2472e-05	0.10591
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-F	20	0	100.25	161.41	0.0081488	0.0012757	20866	35686	9.1507e-05	2.0635e-05	0.099314
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-I	20	0	141.19	194.79	0.049143	0.0062623	13802	21589	8.7751e-05	2.9589e-05	0.049099
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-L	20	0	96.078	125.66	0.043343	0.0076492	12304	18817	9.2778e-05	1.1978e-05	0.049093
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-P	20	0	252.93	372.84	0.020997	0.0031617	80371	1.2907e+05	9.7908e-05	5.7412e-06	0.099308
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-S	9	0	1242.6	731.89	0.06499	0.0096824	1.414e+05	1.098e+05	9.996e-05	3.2267e-08	0.10146
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-F	15	0	1075.2	999.44	0.014998	0.0023091	1.8956e+05	1.8872e+05	9.9839e-05	2.7498e-07	0.10243
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-I	17	0	907.9	899.24	0.095103	0.017402	69435	72356	9.9782e-05	5.6157e-07	0.048285
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-L	16	0	649.79	618.03	0.081425	0.0078088	61785	66010	9.9616e-05	6.5945e-07	0.047957
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-P	7	0	1098.3	1107.4	0.034423	0.00437	2.3921e+05	2.4943e+05	9.9956e-05	3.9721e-08	0.093981
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-F	6	0	1182.1	710.54	0.02083	0.0035311	1.6664e+05	1.1038e+05	9.0389e-05	2.1458e-05	0.099968
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-I	9	0	883.47	748.93	0.12298	0.0096709	59160	66899	9.98e-05	2.5892e-07	0.046384
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-L	12	0	1225	1155	0.093486	0.015455	1.0219e+05	1.0074e+05	9.9908e-05	1.3107e-07	0.046598
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-P	3	0	2357	523.41	0.043993	0.0082853	4.9011e+05	1.4158e+05	9.999e-05	1.2284e-09	0.098448
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-I	2	0	786.53	201.57	0.21547	0.026497	28470	12032	9.9952e-05	3.65e-08	0.04043
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-L	3	0	1557.7	1161.9	0.15231	0.04572	91704	65804	9.9984e-05	4.9628e-09	0.040655

Table with Means and Standard Deviations - Only not solved within the time limit

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
c-n=100-c=19-p=7-o=8-l=1-h=100-d=0.25	-S	0	11	3600	0.0049793	0.07508	0.014894	3.2723e+05	63227	0.006969	0.0043525	0.099168
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-F	0	5	3600	0.004	0.018997	0.0057612	5.9588e+05	1.2413e+05	0.0039486	0.0023689	0.11639
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-I	0	3	3600	0	0.08932	0.015193	3.1828e+05	58203	0.0039147	0.0016666	0.060375
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-L	0	4	3600	0	0.080988	0.0099735	4.0428e+05	79708	0.003402	0.0016729	0.0582
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-P	0	13	3600	1.3642e-12	0.034302	0.0055376	9.1719e+05	74555	0.0049723	0.0037101	0.10859
c-n=150-c=22-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0054772	0.12168	0.022982	1.9589e+05	32724	0.014471	0.0058767	0.092206
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-F	0	14	3600	0.0045737	0.018854	0.0036417	4.911e+05	64562	0.0029954	0.0014949	0.10116
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-I	0	11	3600	0.0061658	0.11635	0.017847	2.0764e+05	36440	0.001744	0.0010222	0.044013
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-L	0	8	3600	0.0070711	0.091861	0.014977	3.0788e+05	54693	0.0016472	0.00082782	0.049514
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-P	0	17	3600	0.0041595	0.045816	0.0097256	7.7992e+05	63759	0.0055398	0.0020214	0.097869
c-n=200-c=25-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0038406	0.16907	0.026733	1.6006e+05	31928	0.015887	0.0030691	0.087774
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-F	0	20	3600	0.0047697	0.032195	0.0040068	3.2884e+05	51556	0.0058679	0.0026716	0.092879
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-I	0	18	3600	0.0087489	0.23246	0.033693	1.3292e+05	30528	0.0044459	0.0019645	0.045752
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-L	0	17	3600	0.0047788	0.16721	0.020593	1.6614e+05	27902	0.0043933	0.0019781	0.046336
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-P	0	20	3600	0.004	0.06769	0.006403	5.3377e+05	64921	0.0094775	0.003399	0.088954
c-n=250-c=26-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0072629	0.28256	0.037907	96887	19868	0.020472	0.0040367	0.082851
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-F	0	20	3600	0.0066895	0.037794	0.005749	3.0265e+05	41280	0.0068376	0.0026913	0.096029
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-I	0	20	3600	0.0079215	0.23256	0.037131	1.1144e+05	28010	0.0042394	0.0022893	0.043653
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-L	0	20	3600	0.0045826	0.20527	0.046808	1.5718e+05	36182	0.0039243	0.0021332	0.04398
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-P	0	20	3600	0.003	0.079738	0.011456	4.6198e+05	71328	0.010355	0.0029917	0.087911
c-n=300-c=28-p=7-o=8-l=1-h=100-d=0.25	-S	0	20	3600	0.0072629	0.30965	0.04737	93833	19226	0.019623	0.0038828	0.084085

2 neighborhood

All Instances - Part 1

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=50-h=3-d=8-m=10.0	Optimal	-F	6.0041	13778	0.003999	15493	9.2808e-05	290	391	630	855
n-n=50-h=3-d=8-m=10.0	Optimal	-I	9.7275	13778	0.022997	14776	6.1526e-05	290	631	1210	1042
n-n=50-h=3-d=8-m=10.0	Optimal	-L	8.4207	13778	0.018997	14776	0	290	631	920	1034
n-n=50-h=3-d=8-m=10.0	Optimal	-P	5.6261	13778	0.009999	15493	6.6284e-05	290	391	680	1097
n-n=50-h=3-d=8-m=10.0	Optimal	-S	34.726	13778	0.021997	15668	9.8983e-05	290	631	1210	6595
n-n=50-h=3-d=8-m=10.1	Optimal	-F	3.0635	11021	0.004999	12088	9.1809e-05	335	435	720	1284
n-n=50-h=3-d=8-m=10.1	Optimal	-I	8.9656	11021	0.024997	11637	9.8346e-05	335	720	1390	2495
n-n=50-h=3-d=8-m=10.1	Optimal	-L	6.1011	11021	0.020997	11637	9.1448e-05	335	720	1055	1847
n-n=50-h=3-d=8-m=10.1	Optimal	-P	5.0962	11021	0.008998	12088	0	335	435	770	1121
n-n=50-h=3-d=8-m=10.1	Optimal	-S	13.014	11021	0.023996	11938	8.8775e-05	335	720	1390	1501
n-n=50-h=3-d=8-m=10.2	Optimal	-F	0.31695	20393	0.003999	21155	0	336	437	722	31
n-n=50-h=3-d=8-m=10.2	Optimal	-I	0.60791	20393	0.019997	20846	0	336	723	1394	33
n-n=50-h=3-d=8-m=10.2	Optimal	-L	0.52592	20393	0.015998	20846	-1.784e-16	336	723	1058	25
n-n=50-h=3-d=8-m=10.2	Optimal	-P	0.70889	20393	0.010998	21155	0	336	437	772	149
n-n=50-h=3-d=8-m=10.2	Optimal	-S	2.6616	20393	0.021997	21191	5.9882e-05	336	723	1394	535
n-n=50-h=3-d=8-m=10.3	Optimal	-F	9.5855	8361.7	0.004999	9448.3	8.782e-05	315	416	680	2014
n-n=50-h=3-d=8-m=10.3	Optimal	-I	11.59	8361.7	0.018998	9038	8.1959e-05	315	681	1310	1249
n-n=50-h=3-d=8-m=10.3	Optimal	-L	9.0866	8361.7	0.018997	9038	6.2495e-05	315	681	995	1410
n-n=50-h=3-d=8-m=10.3	Optimal	-P	7.2289	8361.7	0.006999	9448.3	7.1961e-05	315	416	730	1934
n-n=50-h=3-d=8-m=10.3	Optimal	-S	57.567	8361.7	0.025996	9406.7	9.3732e-05	315	681	1310	8825
n-n=50-h=3-d=8-m=10.4	Optimal	-F	0.73889	96063	0.005999	97532	7.7139e-05	306	407	662	166
n-n=50-h=3-d=8-m=10.4	Optimal	-I	1.1918	96063	0.019997	96882	9.7639e-05	306	663	1274	172
n-n=50-h=3-d=8-m=10.4	Optimal	-L	0.89586	96063	0.013998	96882	9.623e-05	306	663	968	180
n-n=50-h=3-d=8-m=10.4	Optimal	-P	2.4856	96063	0.010998	97532	9.827e-05	306	407	712	1175
n-n=50-h=3-d=8-m=10.4	Optimal	-S	10.222	96060	0.021997	97308	9.9642e-05	306	663	1274	2614
n-n=50-h=3-d=8-m=10.5	Optimal	-F	2.5006	15671	0.004999	17045	9.1517e-05	363	464	776	782
n-n=50-h=3-d=8-m=10.5	Optimal	-I	2.7106	15671	0.020997	16463	8.671e-05	363	777	1502	570
n-n=50-h=3-d=8-m=10.5	Optimal	-L	2.8856	15671	0.016998	16463	5.6116e-05	363	777	1139	675
n-n=50-h=3-d=8-m=10.5	Optimal	-P	6.617	15671	0.012998	17045	9.1207e-05	363	464	826	3119
n-n=50-h=3-d=8-m=10.5	Optimal	-S	13.357	15671	0.030995	16771	7.836e-05	363	777	1502	1618
n-n=50-h=3-d=8-m=10.6	Optimal	-F	1.5078	21016	0.004999	22579	9.6795e-05	322	423	694	600
n-n=50-h=3-d=8-m=10.6	Optimal	-I	3.2755	21016	0.015997	21679	9.6369e-05	322	695	1338	767
n-n=50-h=3-d=8-m=10.6	Optimal	-L	2.8396	21016	0.010999	21679	5.2e-05	322	695	1016	670
n-n=50-h=3-d=8-m=10.6	Optimal	-P	6.1521	21016	0.007999	22579	9.1445e-05	322	423	744	2830
n-n=50-h=3-d=8-m=10.6	Optimal	-S	12.509	21016	0.022996	22236	7.5795e-05	322	695	1338	1738
n-n=50-h=3-d=8-m=10.7	Optimal	-F	2.7016	14995	0.003	16403	8.8798e-05	324	425	698	1011
n-n=50-h=3-d=8-m=10.7	Optimal	-I	2.4146	14995	0.015998	15763	0	324	699	1346	504
n-n=50-h=3-d=8-m=10.7	Optimal	-L	1.7687	14995	0.012998	15763	9.9696e-05	324	699	1022	477
n-n=50-h=3-d=8-m=10.7	Optimal	-P	4.9262	14995	0.007999	16403	-1.213e-16	324	425	748	1027
n-n=50-h=3-d=8-m=10.7	Optimal	-S	13.382	14995	0.031995	16022	8.7395e-05	324	699	1346	1543
n-n=50-h=3-d=8-m=10.8	Optimal	-F	1.0438	16230	0.003999	17532	1.6454e-05	305	406	660	367
n-n=50-h=3-d=8-m=10.8	Optimal	-I	3.1575	16230	0.017997	17060	9.5918e-05	305	661	1270	831
n-n=50-h=3-d=8-m=10.8	Optimal	-L	2.0667	16230	0.016998	17060	5.2727e-05	305	661	965	693
n-n=50-h=3-d=8-m=10.8	Optimal	-P	2.8736	16230	0.006999	17532	9.1398e-05	305	406	710	1752
n-n=50-h=3-d=8-m=10.8	Optimal	-S	8.7267	16230	0.018997	17687	7.775e-05	305	661	1270	973
n-n=50-h=3-d=8-m=10.9	Optimal	-F	3.3985	11478	0.005999	12841	5.2821e-05	335	436	720	1093
n-n=50-h=3-d=8-m=10.9	Optimal	-I	11.195	11478	0.017998	12351	9.2101e-05	335	721	1390	1569
n-n=50-h=3-d=8-m=10.9	Optimal	-L	10.056	11478	0.013998	12351	0	335	721	1055	1548
n-n=50-h=3-d=8-m=10.9	Optimal	-P	7.4259	11478	0.009998	12841	7.2492e-05	335	436	770	1498
n-n=50-h=3-d=8-m=10.9	Optimal	-S	12.796	11478	0.036995	12751	8.726e-05	335	721	1390	1509
n-n=50-h=3-d=8-m=10.10	Optimal	-F	2.6146	15552	0.005999	17012	9.3921e-05	315	416	680	950
n-n=50-h=3-d=8-m=10.10	Optimal	-I	4.0144	15552	0.016997	16230	9.8107e-05	315	681	1310	998
n-n=50-h=3-d=8-m=10.10	Optimal	-L	4.4213	15552	0.017997	16230	8.3497e-05	315	681	995	1558
n-n=50-h=3-d=8-m=10.10	Optimal	-P	5.3132	15552	0.009999	17012	0	315	416	730	999
n-n=50-h=3-d=8-m=10.10	Optimal	-S	9.8345	15552	0.026995	16687	1.9563e-05	315	681	1310	1039
n-n=50-h=3-d=8-m=10.11	Optimal	-F	1.1258	18502	0.004999	19830	3.7731e-05	297	398	644	367
n-n=50-h=3-d=8-m=10.11	Optimal	-I	1.9877	18502	0.015998	19308	7.1908e-05	297	645	1238	391
n-n=50-h=3-d=8-m=10.11	Optimal	-L	1.7487	18502	0.011998	19308	7.7447e-05	297	645	941	492
n-n=50-h=3-d=8-m=10.11	Optimal	-P	4.3543	18502	0.007999	19830	-1.9663e-16	297	398	694	1041
n-n=50-h=3-d=8-m=10.11	Optimal	-S	8.0308	18502	0.016997	19615	-1.9663e-16	297	645	1238	1062
n-n=50-h=3-d=8-m=10.12	Optimal	-F	8.2857	10584	0.004999	11677	0	343	442	736	599
n-n=50-h=3-d=8-m=10.12	Optimal	-I	11.132	10584	0.017997	11224	0	343	735	1422	497
n-n=50-h=3-d=8-m=10.12	Optimal	-L	11.312	10584	0.019997	11224	0	343	735	1079	1139
n-n=50-h=3-d=8-m=10.12	Optimal	-P	6.429	10584	0.009999	11677	8.2389e-05	343	442	786	1510
n-n=50-h=3-d=8-m=10.12	Optimal	-S	21.512	10584	0.028996	11576	7.805e-05	343	735	1422	1936
n-n=50-h=3-d=8-m=10.13	Optimal	-F	1.4768	13590	0.004999	15004	8.7569e-05	341	442	732	406
n-n=50-h=3-d=8-m=10.13	Optimal	-I	1.6167	13590	0.020996	14245	6.9534e-05	341	733	1414	211
n-n=50-h=3-d=8-m=10.13	Optimal	-L	1.5998	13590	0.024997	14245	8.0877e-05	341	733	1073	320
n-n=50-h=3-d=8-m=10.13	Optimal	-P	5.0692	13590	0.008999	15004	0	341	442	782	966
n-n=50-h=3-d=8-m=10.13	Optimal	-S	10.987	13590	0.029996	14722	0	341	733	1414	1119
n-n=50-h=3-d=8-m=10.14	Optimal	-F	2.8986	11752	0.003999	12987	9.2781e-05	328	429	706	1402
n-n=50-h=3-d=8-m=10.14	Optimal	-I	5.1482	11752	0.017997	12437	8.3442e-05	328	707	1362	1615
n-n=50-h=3-d=8-m=10.14	Optimal	-L	3.1385	11752	0.020997	12437	8.5909e-05	328	707	1034	1026
n-n=50-h=3-d=8-m=10.14	Optimal	-P	4.5453	11752	0.007999	12987	0	328	429	756	1077
n-n=50-h=3-d=8-m=10.14	Optimal	-S	16.518	11752	0.022996	12819	9.8837e-05	328	707	1362	2516
n-n=50-h=3-d=8-m=10.15	Optimal	-F	8.9126	9110.8	0.004999	10241	0	364	464	778	1057
n-n=50-h=3-d=8-m=10.15	Optimal	-I	12.329	9110.8	0.023996	9773.1	0	364	778	1506	969
n-n=50-h=3-d=8-m=10.15	Optimal	-L	8.1048	9110.8	0.017997	9773.1	0	364	778	1142	966
n-n=50-h=3-d=8-m=10.15	Optimal	-P	7.1299	9110.8	0.011998	10241	0	364	464	828	1013
n-n=50-h=3-d=8-m=10.15	Optimal	-S	32.757	9110.8	0.024996	10227	9.8528e-05	364	778	1506	4602

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=50-h=3-d=8-m=10.16	Optimal	-F	2.2027	11192	0.004999	12601	9.2225e-05	317	418	684	1068
n-n=50-h=3-d=8-m=10.16	Optimal	-I	5.0792	11192	0.017997	12061	9.6247e-05	317	685	1318	1386
n-n=50-h=3-d=8-m=10.16	Optimal	-L	2.2187	11192	0.014997	12061	3.7917e-05	317	685	1001	655
n-n=50-h=3-d=8-m=10.16	Optimal	-P	4.3913	11192	0.005	12601	2.8514e-05	317	418	734	1557
n-n=50-h=3-d=8-m=10.16	Optimal	-S	11.434	11192	0.023997	12597	7.1406e-05	317	685	1318	1441
n-n=50-h=3-d=8-m=10.17	Optimal	-F	0.60691	11459	0.004999	12491	0	337	438	724	140
n-n=50-h=3-d=8-m=10.17	Optimal	-I	0.86887	11459	0.013998	12014	0	337	725	1398	144
n-n=50-h=3-d=8-m=10.17	Optimal	-L	0.78688	11459	0.011998	12014	0	337	725	1061	171
n-n=50-h=3-d=8-m=10.17	Optimal	-P	0.95386	11459	0.011998	12491	6.7045e-05	337	438	774	497
n-n=50-h=3-d=8-m=10.17	Optimal	-S	8.4307	11459	0.017997	12448	7.8706e-05	337	725	1398	2326
n-n=50-h=3-d=8-m=10.18	Optimal	-F	6.599	16210	0.003999	17555	9.9296e-05	324	425	698	2447
n-n=50-h=3-d=8-m=10.18	Optimal	-I	8.5557	16210	0.012998	16952	8.4863e-05	324	699	1346	1477
n-n=50-h=3-d=8-m=10.18	Optimal	-L	8.5147	16210	0.013998	16952	7.4746e-05	324	699	1022	1851
n-n=50-h=3-d=8-m=10.18	Optimal	-P	6.416	16210	0.005999	17555	8.5628e-05	324	425	748	1930
n-n=50-h=3-d=8-m=10.18	Optimal	-S	34.937	16210	0.026995	17525	9.8617e-05	324	699	1346	9719
n-n=50-h=3-d=8-m=10.19	Optimal	-F	0.73689	15377	0.004	16411	4.566e-05	315	416	680	329
n-n=50-h=3-d=8-m=10.19	Optimal	-I	1.9597	15377	0.015997	15970	0	315	681	1310	460
n-n=50-h=3-d=8-m=10.19	Optimal	-L	1.2478	15377	0.010998	15970	6.3904e-05	315	681	995	294
n-n=50-h=3-d=8-m=10.19	Optimal	-P	4.1484	15377	0.009998	16411	9.7042e-05	315	416	730	2449
n-n=50-h=3-d=8-m=10.19	Optimal	-S	9.7555	15377	0.025996	16321	9.1929e-05	315	681	1310	2772
n-n=100-h=3-d=8-m=10.0	Optimal	-F	15.894	42032	0.009998	45642	7.051e-05	725	926	1550	1180
n-n=100-h=3-d=8-m=10.0	Optimal	-I	21.298	42032	0.047993	43867	1.9383e-05	725	1551	3000	571
n-n=100-h=3-d=8-m=10.0	Optimal	-L	17.158	42032	0.043993	43867	0	725	1551	2275	1004
n-n=100-h=3-d=8-m=10.0	Optimal	-P	25.01	42032	0.025996	45642	9.7799e-05	725	926	1650	3045
n-n=100-h=3-d=8-m=10.0	Optimal	-S	151.15	42032	0.10199	45212	9.9579e-05	725	1551	3000	12180
n-n=100-h=3-d=8-m=10.1	Optimal	-F	15.484	39055	0.010999	42354	9.8431e-05	704	905	1508	2894
n-n=100-h=3-d=8-m=10.1	Optimal	-I	19.851	39055	0.06899	41022	8.5777e-05	704	1509	2916	1389
n-n=100-h=3-d=8-m=10.1	Optimal	-L	13.664	39055	0.040994	41022	6.7046e-05	704	1509	2212	829
n-n=100-h=3-d=8-m=10.1	Optimal	-P	31.306	39055	0.020996	42354	9.9454e-05	704	905	1608	8082
n-n=100-h=3-d=8-m=10.1	Optimal	-S	147.99	39055	0.06499	41992	9.9368e-05	704	1509	2916	16229
n-n=100-h=3-d=8-m=10.2	Optimal	-F	13.051	55521	0.009999	59341	3.9027e-05	763	964	1626	1078
n-n=100-h=3-d=8-m=10.2	Optimal	-I	22.218	55521	0.058991	57178	2.6279e-05	763	1627	3152	1522
n-n=100-h=3-d=8-m=10.2	Optimal	-L	16.25	55521	0.045993	57178	0	763	1627	2389	1542
n-n=100-h=3-d=8-m=10.2	Optimal	-P	12.585	55520	0.026996	59341	9.283e-05	763	964	1726	1209
n-n=100-h=3-d=8-m=10.2	Optimal	-S	29.398	55521	0.068989	57868	9.8769e-05	763	1627	3152	1967
n-n=100-h=3-d=8-m=10.3	Optimal	-F	92.753	32237	0.009998	36689	9.9662e-05	694	895	1488	13037
n-n=100-h=3-d=8-m=10.3	Optimal	-I	54.574	32237	0.053991	35079	9.5154e-05	694	1489	2876	3330
n-n=100-h=3-d=8-m=10.3	Optimal	-L	34.196	32237	0.049992	35079	8.8116e-05	694	1489	2182	2604
n-n=100-h=3-d=8-m=10.3	Optimal	-P	173.75	32237	0.018997	36689	9.9692e-05	694	895	1588	25317
n-n=100-h=3-d=8-m=10.3	Optimal	-S	1299.9	32237	0.082988	36945	9.9978e-05	694	1489	2876	176772
n-n=100-h=3-d=8-m=10.4	Optimal	-F	161.06	33620	0.012998	37999	9.9512e-05	712	910	1524	21237
n-n=100-h=3-d=8-m=10.4	Optimal	-I	105.23	33620	0.051992	35931	9.998e-05	712	1522	2948	10535
n-n=100-h=3-d=8-m=10.4	Optimal	-L	114.36	33620	0.068989	35931	9.9683e-05	712	1522	2236	13173
n-n=100-h=3-d=8-m=10.4	Optimal	-P	107.22	33620	0.025996	37999	9.9005e-05	712	910	1624	29205
n-n=100-h=3-d=8-m=10.4	Optimal	-S	2253.7	33620	0.041994	37735	9.9995e-05	712	1522	2948	381362
n-n=100-h=3-d=8-m=10.5	Optimal	-F	28.71	39708	0.012998	43567	8.9566e-05	714	914	1528	4248
n-n=100-h=3-d=8-m=10.5	Optimal	-I	25.932	39708	0.055992	41608	9.7276e-05	714	1528	2956	1327
n-n=100-h=3-d=8-m=10.5	Optimal	-L	17.316	39708	0.058991	41608	7.8127e-05	714	1528	2242	935
n-n=100-h=3-d=8-m=10.5	Optimal	-P	33.98	39708	0.014998	43567	9.9966e-05	714	914	1628	7612
n-n=100-h=3-d=8-m=10.5	Optimal	-S	300.86	39708	0.068989	43009	9.8192e-05	714	1528	2956	26822
n-n=100-h=3-d=8-m=10.6	Optimal	-F	21.527	35629	0.011999	38887	9.8596e-05	711	912	1522	2922
n-n=100-h=3-d=8-m=10.6	Optimal	-I	17.864	35629	0.042993	37461	8.4204e-05	711	1523	2944	636
n-n=100-h=3-d=8-m=10.6	Optimal	-L	18.638	35629	0.039994	37461	7.8479e-05	711	1523	2233	1379
n-n=100-h=3-d=8-m=10.6	Optimal	-P	28.746	35629	0.019997	38887	9.9965e-05	711	912	1622	5677
n-n=100-h=3-d=8-m=10.6	Optimal	-S	154.52	35629	0.076988	38326	9.6082e-05	711	1523	2944	13309
n-n=100-h=3-d=8-m=10.7	Optimal	-F	92.059	32273	0.016997	36230	9.9471e-05	715	916	1530	16393
n-n=100-h=3-d=8-m=10.7	Optimal	-I	91.133	32273	0.049992	34741	9.9222e-05	715	1531	2960	9174
n-n=100-h=3-d=8-m=10.7	Optimal	-L	61.044	32273	0.044993	34741	9.8988e-05	715	1531	2245	7909
n-n=100-h=3-d=8-m=10.7	Optimal	-P	209.62	32273	0.030995	36230	9.9892e-05	715	916	1630	47236
n-n=100-h=3-d=8-m=10.7	Feasible	-S	3600	32273	0.064991	35745	0.005209	715	1531	2960	229240
n-n=100-h=3-d=8-m=10.8	Optimal	-F	16.689	34076	0.008999	37390	8.7012e-05	711	912	1522	1317
n-n=100-h=3-d=8-m=10.8	Optimal	-I	19.824	34076	0.06699	35626	2.1352e-16	711	1523	2944	1054
n-n=100-h=3-d=8-m=10.8	Optimal	-L	14.502	34076	0.043994	35626	0	711	1523	2233	549
n-n=100-h=3-d=8-m=10.8	Optimal	-P	19.546	34076	0.040994	37390	9.9925e-05	711	912	1622	2159
n-n=100-h=3-d=8-m=10.8	Optimal	-S	162.7	34076	0.060991	37203	9.7923e-05	711	1523	2944	11875
n-n=100-h=3-d=8-m=10.9	Optimal	-F	14.523	52915	0.010998	57111	9.9327e-05	689	890	1478	1488
n-n=100-h=3-d=8-m=10.9	Optimal	-I	22.324	52915	0.054992	55023	6.178e-05	689	1479	2856	1178
n-n=100-h=3-d=8-m=10.9	Optimal	-L	14.025	52915	0.039994	55023	4.7286e-05	689	1479	2167	1103
n-n=100-h=3-d=8-m=10.9	Optimal	-P	42.151	52915	0.014997	57111	9.9644e-05	689	890	1578	15327
n-n=100-h=3-d=8-m=10.9	Optimal	-S	171.38	52915	0.050992	56268	9.9532e-05	689	1479	2856	17398
n-n=100-h=3-d=8-m=10.10	Optimal	-F	34.779	45790	0.009998	50452	9.9474e-05	645	846	1390	5447
n-n=100-h=3-d=8-m=10.10	Optimal	-I	21.743	45790	0.040994	48698	9.1594e-05	645	1391	2680	1119
n-n=100-h=3-d=8-m=10.10	Optimal	-L	20.711	45790	0.046993	48698	9.9512e-05	645	1391	2035	1780
n-n=100-h=3-d=8-m=10.10	Optimal	-P	39.65	45790	0.022997	50452	9.9586e-05	645	846	1490	8800
n-n=100-h=3-d=8-m=10.10	Optimal	-S	345.41	45790	0.087987	50001	9.9944e-05	645	1391	2680	32413
n-n=100-h=3-d=8-m=10.11	Optimal	-F	13.266	51604	0.014997	55403	9.6548e-05	689	890	1478	2390
n-n=100-h=3-d=8-m=10.11	Optimal	-I	21.149	51604	0.045993	53491	9.3126e-05	689	1479	2856	2329
n-n=100-h=3-d=8-m=10.11	Optimal	-L	15.268	51604	0.043993	53491	9.2946e-05	689	1479	2167	2143
n-n=100-h=3-d=8-m=10.11	Optimal	-P	8.4427	51604	0.019997	55403	0	689	890	1578	667
n-n=100-h=3-d=8-m=10.11	Optimal	-S	47.194	51604	0.061991	54743	8.9211e-05	689	1479	2856	2760

All Instances - Part 3

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=100-h=3-d=8-m=10.12	Optimal	-F	45.706	46815	0.013998	50588	9.944e-05	719	920	1538	5484
n-n=100-h=3-d=8-m=10.12	Optimal	-I	43.635	46815	0.059991	48776	9.3636e-05	719	1539	2976	2507
n-n=100-h=3-d=8-m=10.12	Optimal	-L	30.396	46815	0.053992	48776	9.2701e-05	719	1539	2257	1843
n-n=100-h=3-d=8-m=10.12	Optimal	-P	61.526	46815	0.023997	50588	9.9431e-05	719	920	1638	11959
n-n=100-h=3-d=8-m=10.12	Optimal	-S	841.95	46815	0.078988	50001	9.9854e-05	719	1539	2976	81784
n-n=100-h=3-d=8-m=10.13	Optimal	-F	43.629	34200	0.010999	37975	9.7278e-05	711	912	1522	4555
n-n=100-h=3-d=8-m=10.13	Optimal	-I	42.694	34200	0.061991	36291	9.8836e-05	711	1523	2944	3320
n-n=100-h=3-d=8-m=10.13	Optimal	-L	35.813	34200	0.053992	36291	9.7004e-05	711	1523	2233	3056
n-n=100-h=3-d=8-m=10.13	Optimal	-P	106.81	34200	0.026996	37975	9.8625e-05	711	912	1622	17076
n-n=100-h=3-d=8-m=10.13	Optimal	-S	2099.4	34200	0.10898	37484	9.9995e-05	711	1523	2944	226292
n-n=100-h=3-d=8-m=10.14	Optimal	-F	13.539	59110	0.012998	63219	6.5469e-05	715	914	1530	1020
n-n=100-h=3-d=8-m=10.14	Optimal	-I	18.919	59110	0.050992	61485	0	715	1529	2960	1220
n-n=100-h=3-d=8-m=10.14	Optimal	-L	15.841	59110	0.047992	61485	0	715	1529	2245	993
n-n=100-h=3-d=8-m=10.14	Optimal	-P	13.403	59110	0.034995	63219	3.4982e-05	715	914	1630	1422
n-n=100-h=3-d=8-m=10.14	Optimal	-S	41.933	59110	0.072989	62476	9.9931e-05	715	1529	2960	3993
n-n=100-h=3-d=8-m=10.15	Optimal	-F	6.226	37221	0.008999	40683	8.5717e-05	630	831	1360	1710
n-n=100-h=3-d=8-m=10.15	Optimal	-I	6.1121	37221	0.041993	39096	9.769e-05	630	1361	2620	806
n-n=100-h=3-d=8-m=10.15	Optimal	-L	7.7768	37221	0.032995	39096	9.998e-05	630	1361	1990	1809
n-n=100-h=3-d=8-m=10.15	Optimal	-P	10.15	37221	0.020997	40683	0	630	831	1460	945
n-n=100-h=3-d=8-m=10.15	Optimal	-S	21.419	37221	0.050992	40294	9.9334e-05	630	1361	2620	2021
n-n=100-h=3-d=8-m=10.16	Optimal	-F	324.61	53714	0.009998	58609	9.9991e-05	771	972	1642	43125
n-n=100-h=3-d=8-m=10.16	Optimal	-I	466.99	53714	0.06799	56613	9.9979e-05	771	1643	3184	27912
n-n=100-h=3-d=8-m=10.16	Optimal	-L	352.15	53714	0.06499	56613	9.9962e-05	771	1643	2413	24408
n-n=100-h=3-d=8-m=10.16	Optimal	-P	396.31	53714	0.022997	58609	9.9921e-05	771	972	1742	77959
n-n=100-h=3-d=8-m=10.16	Feasible	-S	3600	53714	0.094986	57655	0.0071779	771	1643	3184	408554
n-n=100-h=3-d=8-m=10.17	Optimal	-F	24.386	109326	0.011998	112340	9.9228e-05	701	902	1502	2693
n-n=100-h=3-d=8-m=10.17	Optimal	-I	28.062	109326	0.06599	111259	9.3042e-05	701	1503	2904	1267
n-n=100-h=3-d=8-m=10.17	Optimal	-L	20.452	109326	0.072989	111259	9.47e-05	701	1503	2203	1129
n-n=100-h=3-d=8-m=10.17	Optimal	-P	62.791	109326	0.024997	112340	9.9972e-05	701	902	1602	12192
n-n=100-h=3-d=8-m=10.17	Optimal	-S	194.31	109326	0.048992	112173	9.9896e-05	701	1503	2904	16926
n-n=100-h=3-d=8-m=10.18	Optimal	-F	31.668	31183	0.017998	34625	9.7167e-05	677	878	1454	4157
n-n=100-h=3-d=8-m=10.18	Optimal	-I	26.674	31183	0.047992	33212	9.9199e-05	677	1455	2808	1010
n-n=100-h=3-d=8-m=10.18	Optimal	-L	27.985	31183	0.046993	33212	9.3636e-05	677	1455	2131	2095
n-n=100-h=3-d=8-m=10.18	Optimal	-P	91.647	31183	0.024996	34625	9.9876e-05	677	878	1554	14916
n-n=100-h=3-d=8-m=10.18	Optimal	-S	263.39	31183	0.10298	34349	9.9598e-05	677	1455	2808	22844
n-n=100-h=3-d=8-m=10.19	Optimal	-F	7.2699	39777	0.008999	42681	9.2985e-05	686	887	1472	1724
n-n=100-h=3-d=8-m=10.19	Optimal	-I	20.715	39777	0.053992	41194	3.3326e-05	686	1473	2844	1506
n-n=100-h=3-d=8-m=10.19	Optimal	-L	13.85	39777	0.041994	41194	9.8733e-05	686	1473	2158	2395
n-n=100-h=3-d=8-m=10.19	Optimal	-P	9.4276	39777	0.027996	42681	4.0304e-05	686	887	1572	1227
n-n=100-h=3-d=8-m=10.19	Optimal	-S	34.372	39777	0.06599	41826	8.602e-05	686	1473	2844	2266
n-n=150-h=3-d=8-m=10.0	Optimal	-F	30.214	66073	0.014997	73257	9.8362e-05	958	1259	2066	3272
n-n=150-h=3-d=8-m=10.0	Optimal	-I	27.511	66073	0.092986	69844	7.2997e-05	958	2067	3982	1227
n-n=150-h=3-d=8-m=10.0	Optimal	-L	17.844	66073	0.078988	69844	8.065e-05	958	2067	3024	663
n-n=150-h=3-d=8-m=10.0	Optimal	-P	38.51	66073	0.031995	73257	9.1509e-05	958	1259	2216	4749
n-n=150-h=3-d=8-m=10.0	Optimal	-S	1509.4	66073	0.13198	72352	9.9903e-05	958	2067	3982	167004
n-n=150-h=3-d=8-m=10.1	Optimal	-F	165.37	78712	0.018997	86450	9.8228e-05	1064	1364	2278	15420
n-n=150-h=3-d=8-m=10.1	Optimal	-I	63.083	78712	0.098985	82850	9.98e-05	1064	2278	4406	3137
n-n=150-h=3-d=8-m=10.1	Optimal	-L	61.262	78712	0.06399	82850	9.9274e-05	1064	2278	3342	5197
n-n=150-h=3-d=8-m=10.1	Optimal	-P	222.62	78712	0.042993	86450	9.9733e-05	1064	1364	2428	27876
n-n=150-h=3-d=8-m=10.1	Feasible	-S	3600	78712	0.18397	85945	0.0012591	1064	2278	4406	357371
n-n=150-h=3-d=8-m=10.2	Optimal	-F	511.01	65009	0.017997	71623	9.9955e-05	1097	1398	2344	52290
n-n=150-h=3-d=8-m=10.2	Optimal	-I	115.97	65009	0.089986	68345	9.9923e-05	1097	2345	4538	7293
n-n=150-h=3-d=8-m=10.2	Optimal	-L	117.71	65009	0.096986	68345	9.9253e-05	1097	2345	3441	9977
n-n=150-h=3-d=8-m=10.2	Optimal	-P	291.32	65009	0.037994	71623	9.9896e-05	1097	1398	2494	42353
n-n=150-h=3-d=8-m=10.2	Feasible	-S	3600	65009	0.16298	70842	0.0081859	1097	2345	4538	261510
n-n=150-h=3-d=8-m=10.3	Optimal	-F	475.06	92340	0.019997	98103	9.9597e-05	1112	1413	2374	39775
n-n=150-h=3-d=8-m=10.3	Optimal	-I	408.71	92340	0.11798	95535	9.9853e-05	1112	2375	4598	15453
n-n=150-h=3-d=8-m=10.3	Optimal	-L	235.55	92340	0.10099	95535	9.9993e-05	1112	2375	3486	15812
n-n=150-h=3-d=8-m=10.3	Optimal	-P	1567.8	92340	0.078988	98103	9.9985e-05	1112	1413	2524	189000
n-n=150-h=3-d=8-m=10.3	Feasible	-S	3600	92340	0.16997	97838	0.0072365	1112	2375	4598	261292
n-n=150-h=3-d=8-m=10.4	Feasible	-F	3600	64882	0.036994	72337	0.00091222	1071	1372	2292	294390
n-n=150-h=3-d=8-m=10.4	Optimal	-I	1267.2	64882	0.070989	68810	9.9905e-05	1071	2293	4434	94391
n-n=150-h=3-d=8-m=10.4	Optimal	-L	603.26	64882	0.06599	68810	9.9821e-05	1071	2293	3363	43024
n-n=150-h=3-d=8-m=10.4	Feasible	-P	3600	64882	0.039994	72337	0.0038523	1071	1372	2442	442015
n-n=150-h=3-d=8-m=10.4	Feasible	-S	3600	64882	0.15498	71702	0.017701	1071	2293	4434	310042
n-n=150-h=3-d=8-m=10.5	Optimal	-F	333.44	65219	0.016997	71699	9.9798e-05	971	1272	2092	52049
n-n=150-h=3-d=8-m=10.5	Optimal	-I	375.31	65219	0.092986	68908	9.9709e-05	971	2093	4034	25000
n-n=150-h=3-d=8-m=10.5	Optimal	-L	225.36	65219	0.086987	68908	9.936e-05	971	2093	3063	19117
n-n=150-h=3-d=8-m=10.5	Optimal	-P	678.59	65219	0.032995	71699	9.999e-05	971	1272	2242	110277
n-n=150-h=3-d=8-m=10.5	Feasible	-S	3600	65219	0.15898	71225	0.0076393	971	2093	4034	304810
n-n=150-h=3-d=8-m=10.6	Optimal	-F	115.49	71176	0.022997	77672	9.9843e-05	1034	1330	2218	12066
n-n=150-h=3-d=8-m=10.6	Optimal	-I	60.382	71176	0.11398	75096	9.8931e-05	1034	2214	4286	2169
n-n=150-h=3-d=8-m=10.6	Optimal	-L	61.144	71176	0.094986	75096	9.9227e-05	1034	2214	3252	3226
n-n=150-h=3-d=8-m=10.6	Optimal	-P	169.61	71176	0.041993	77672	9.9098e-05	1034	1330	2368	18112
n-n=150-h=3-d=8-m=10.6	Feasible	-S	3600	71176	0.17297	77574	0.003188	1034	2214	4286	150618
n-n=150-h=3-d=8-m=10.7	Optimal	-F	605.23	79253	0.027996	87044	9.9968e-05	1168	1469	2486	51222
n-n=150-h=3-d=8-m=10.7	Optimal	-I	540.71	79253	0.094985	83392	9.9853e-05	1168	2487	4822	26080
n-n=150-h=3-d=8-m=10.7	Optimal	-L	382.34	79253	0.074989	83392	9.8814e-05	1168	2487	3654	21378
n-n=150-h=3-d=8-m=10.7	Optimal	-P	1505.3	79253	0.046993	87044	9.9963e-05	1168	1469	2636	155916
n-n=150-h=3-d=8-m=10.7	Feasible	-S	3600	79253	0.13598	86068	0.010264	1168	2487	4822	365100

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=150-h=3-d=8-m=10.8	Optimal	-F	650.47	69389	0.023997	75805	9.9952e-05	1080	1381	2310	75103
n-n=150-h=3-d=8-m=10.8	Optimal	-I	346.78	69389	0.091986	72572	9.9865e-05	1080	2311	4470	23131
n-n=150-h=3-d=8-m=10.8	Optimal	-L	226.53	69389	0.083987	72572	9.9114e-05	1080	2311	3390	18163
n-n=150-h=3-d=8-m=10.8	Optimal	-P	1045.9	69389	0.046993	75805	9.9989e-05	1080	1381	2460	152416
n-n=150-h=3-d=8-m=10.8	Feasible	-S	3600	69389	0.13798	74569	0.006554	1080	2311	4470	356877
n-n=150-h=3-d=8-m=10.9	Optimal	-F	622.19	63433	0.011998	70569	9.984e-05	1045	1346	2240	90565
n-n=150-h=3-d=8-m=10.9	Optimal	-I	792.71	63433	0.21997	67614	9.9589e-05	1045	2241	4330	37575
n-n=150-h=3-d=8-m=10.9	Optimal	-L	529.89	63433	0.089987	67614	9.9735e-05	1045	2241	3285	38445
n-n=150-h=3-d=8-m=10.9	Optimal	-P	1390.1	63433	0.046993	70569	9.9955e-05	1045	1346	2390	156012
n-n=150-h=3-d=8-m=10.9	Feasible	-S	3600	63433	0.12298	70127	0.015465	1045	2241	4330	344320
n-n=150-h=3-d=8-m=10.10	Optimal	-F	186.4	68199	0.017997	74889	9.9157e-05	999	1300	2148	20928
n-n=150-h=3-d=8-m=10.10	Optimal	-I	115.63	68199	0.097985	72385	9.9757e-05	999	2149	4146	8700
n-n=150-h=3-d=8-m=10.10	Optimal	-L	66.098	68199	0.085987	72385	9.9533e-05	999	2149	3147	5386
n-n=150-h=3-d=8-m=10.10	Optimal	-P	228.04	68199	0.024996	74889	9.9897e-05	999	1300	2298	35229
n-n=150-h=3-d=8-m=10.10	Feasible	-S	3600	68199	0.10698	74571	0.0059448	999	2149	4146	399380
n-n=150-h=3-d=8-m=10.11	Optimal	-F	375.06	82532	0.023996	89605	9.9997e-05	1064	1365	2278	55632
n-n=150-h=3-d=8-m=10.11	Optimal	-I	231.46	82532	0.095985	86369	9.9664e-05	1064	2279	4406	16135
n-n=150-h=3-d=8-m=10.11	Optimal	-L	108.58	82532	0.078988	86369	9.9825e-05	1064	2279	3342	10254
n-n=150-h=3-d=8-m=10.11	Optimal	-P	561.8	82532	0.037994	89605	9.9992e-05	1064	1365	2428	83263
n-n=150-h=3-d=8-m=10.11	Feasible	-S	3600	82532	0.13898	88949	0.0052135	1064	2279	4406	225749
n-n=150-h=3-d=8-m=10.12	Optimal	-F	328.8	72644	0.014998	80205	9.9964e-05	1066	1367	2282	34434
n-n=150-h=3-d=8-m=10.12	Optimal	-I	370.46	72644	0.091986	76902	9.9425e-05	1066	2283	4414	20715
n-n=150-h=3-d=8-m=10.12	Optimal	-L	207.43	72644	0.06199	76902	9.978e-05	1066	2283	3348	17366
n-n=150-h=3-d=8-m=10.12	Optimal	-P	565.33	72644	0.033995	80205	9.9947e-05	1066	1367	2432	112567
n-n=150-h=3-d=8-m=10.12	Feasible	-S	3600	72644	0.13698	78816	0.0032187	1066	2283	4414	199410
n-n=150-h=3-d=8-m=10.13	Optimal	-F	23.599	64306	0.019997	70300	8.8031e-05	1089	1390	2328	1067
n-n=150-h=3-d=8-m=10.13	Optimal	-I	30.656	64306	0.10398	67620	9.8161e-05	1089	2329	4506	1134
n-n=150-h=3-d=8-m=10.13	Optimal	-L	24.824	64306	0.085987	67620	5.3681e-05	1089	2329	3417	1011
n-n=150-h=3-d=8-m=10.13	Optimal	-P	70.914	64306	0.059991	70300	9.7698e-05	1089	1390	2478	9534
n-n=150-h=3-d=8-m=10.13	Optimal	-S	276.69	64306	0.13698	69558	9.9158e-05	1089	2329	4506	14660
n-n=150-h=3-d=8-m=10.14	Optimal	-F	709.02	71095	0.021997	78494	9.9778e-05	1044	1345	2238	58049
n-n=150-h=3-d=8-m=10.14	Optimal	-I	277.06	71095	0.056991	75235	9.9829e-05	1044	2239	4326	20821
n-n=150-h=3-d=8-m=10.14	Optimal	-L	281.04	71095	0.10698	75235	9.9508e-05	1044	2239	3282	17473
n-n=150-h=3-d=8-m=10.14	Optimal	-P	824.72	71095	0.040993	78494	9.9973e-05	1044	1345	2388	124567
n-n=150-h=3-d=8-m=10.14	Feasible	-S	3600	71095	0.13198	77294	0.0045125	1044	2239	4326	148526
n-n=150-h=3-d=8-m=10.15	Optimal	-F	134.86	86085	0.030995	92778	9.9969e-05	1071	1371	2292	12083
n-n=150-h=3-d=8-m=10.15	Optimal	-I	64.042	86085	0.14998	89739	9.9681e-05	1071	2292	4434	1596
n-n=150-h=3-d=8-m=10.15	Optimal	-L	67.436	86085	0.10199	89739	9.7231e-05	1071	2292	3363	3137
n-n=150-h=3-d=8-m=10.15	Optimal	-P	241.03	86085	0.060991	92778	9.9905e-05	1071	1371	2442	21311
n-n=150-h=3-d=8-m=10.15	Optimal	-S	3110.5	86085	0.12598	91614	9.9997e-05	1071	2292	4434	168657
n-n=150-h=3-d=8-m=10.16	Optimal	-F	736.14	87852	0.023996	95589	9.9998e-05	1054	1355	2258	85737
n-n=150-h=3-d=8-m=10.16	Optimal	-I	251.14	87852	0.072989	92099	9.982e-05	1054	2259	4366	15027
n-n=150-h=3-d=8-m=10.16	Optimal	-L	218.53	87852	0.085987	92099	9.9793e-05	1054	2259	3312	15869
n-n=150-h=3-d=8-m=10.16	Optimal	-P	2079.7	87852	0.039994	95589	9.9986e-05	1054	1355	2408	267202
n-n=150-h=3-d=8-m=10.16	Feasible	-S	3600	87852	0.10498	94285	0.0077187	1054	2259	4366	167570
n-n=150-h=3-d=8-m=10.17	Optimal	-F	963.93	61647	0.019996	68985	9.9955e-05	1086	1387	2322	107966
n-n=150-h=3-d=8-m=10.17	Optimal	-I	538.63	61647	0.085987	65477	9.9722e-05	1086	2323	4494	35450
n-n=150-h=3-d=8-m=10.17	Optimal	-L	355.99	61647	0.083988	65477	9.9935e-05	1086	2323	3408	27737
n-n=150-h=3-d=8-m=10.17	Optimal	-P	1585.5	61647	0.035995	68985	9.9995e-05	1086	1387	2472	193451
n-n=150-h=3-d=8-m=10.17	Feasible	-S	3600	61647	0.13798	67630	0.014357	1086	2323	4494	427080
n-n=150-h=3-d=8-m=10.18	Optimal	-F	1153.1	69564	0.020997	76363	9.9867e-05	1093	1394	2336	121135
n-n=150-h=3-d=8-m=10.18	Optimal	-I	886.57	69564	0.11598	73804	9.995e-05	1093	2337	4522	53917
n-n=150-h=3-d=8-m=10.18	Optimal	-L	854.6	69564	0.087987	73804	9.9844e-05	1093	2337	3429	64427
n-n=150-h=3-d=8-m=10.18	Feasible	-P	3600	69564	0.045993	76363	0.00072645	1093	1394	2486	400440
n-n=150-h=3-d=8-m=10.18	Feasible	-S	3600	69564	0.12898	75609	0.015998	1093	2337	4522	339410
n-n=150-h=3-d=8-m=10.19	Optimal	-F	1089	69036	0.023996	76106	9.9909e-05	1048	1349	2246	106805
n-n=150-h=3-d=8-m=10.19	Optimal	-I	647.26	69036	0.12898	73375	9.9972e-05	1048	2247	4342	36268
n-n=150-h=3-d=8-m=10.19	Optimal	-L	343.42	69036	0.080988	73375	9.9927e-05	1048	2247	3294	25245
n-n=150-h=3-d=8-m=10.19	Optimal	-P	2803.7	69036	0.068989	76106	9.9999e-05	1048	1349	2396	393387
n-n=150-h=3-d=8-m=10.19	Feasible	-S	3600	69036	0.13698	75837	0.007947	1048	2247	4342	155424
n-n=200-h=3-d=8-m=10.0	Optimal	-F	624.95	109253	0.040994	119106	9.9952e-05	1423	1824	3046	59662
n-n=200-h=3-d=8-m=10.0	Optimal	-I	564.96	109253	0.22397	114557	9.9925e-05	1423	3047	5892	21617
n-n=200-h=3-d=8-m=10.0	Optimal	-L	291.86	109253	0.12998	114557	9.9498e-05	1423	3047	4469	15362
n-n=200-h=3-d=8-m=10.0	Optimal	-P	2038.4	109253	0.083987	119106	9.9972e-05	1423	1824	3246	208500
n-n=200-h=3-d=8-m=10.0	Feasible	-S	3600	109253	0.16597	118768	0.0075865	1423	3047	5892	135522
n-n=200-h=3-d=8-m=10.1	Feasible	-F	3600	107357	0.024996	119449	0.0075358	1388	1789	2976	353686
n-n=200-h=3-d=8-m=10.1	Feasible	-I	3600	107357	0.19297	114049	0.0052282	1388	2977	5752	193816
n-n=200-h=3-d=8-m=10.1	Feasible	-L	3600	107357	0.15498	114049	0.0032117	1388	2977	4364	283079
n-n=200-h=3-d=8-m=10.1	Feasible	-P	3600	107357	0.041994	119449	0.012871	1388	1789	3176	585313
n-n=200-h=3-d=8-m=10.1	Feasible	-S	3600	107357	0.19097	117774	0.019021	1388	2977	5752	239744
n-n=200-h=3-d=8-m=10.2	Feasible	-F	3600	103445	0.028996	114552	0.0068651	1464	1865	3128	232636
n-n=200-h=3-d=8-m=10.2	Feasible	-I	3600	103445	0.21697	109513	0.0011811	1464	3129	6056	119049
n-n=200-h=3-d=8-m=10.2	Feasible	-L	3600	103445	0.17197	109513	0.00024395	1464	3129	4592	174868
n-n=200-h=3-d=8-m=10.2	Feasible	-P	3600	103445	0.06699	114552	0.012576	1464	1865	3328	582606
n-n=200-h=3-d=8-m=10.2	Feasible	-S	3600	103445	0.27496	112795	0.017639	1464	3129	6056	250604
n-n=200-h=3-d=8-m=10.3	Feasible	-F	3600	114227	0.027996	123838	0.00013466	1451	1852	3102	303551
n-n=200-h=3-d=8-m=10.3	Optimal	-I	1374.3	114227	0.22497	119314	9.9975e-05	1451	3103	6004	63410
n-n=200-h=3-d=8-m=10.3	Optimal	-L	614.85	114227	0.17997	119314	9.9977e-05	1451	3103	4553	29764
n-n=200-h=3-d=8-m=10.3	Feasible	-P	3600	114227	0.081987	123838	0.0011823	1451	1852	3302	359812
n-n=200-h=3-d=8-m=10.3	Feasible	-S	3600	114227	0.13498	122818	0.010341	1451	3103	6004	311629

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=200-h=3-d=8-m=10.4	Feasible	-F	3600	114262	0.031995	125923	0.0072684	1409	1810	3018	284612
n-n=200-h=3-d=8-m=10.4	Feasible	-I	3600	114262	0.16798	121136	0.0047181	1409	3019	5836	238351
n-n=200-h=3-d=8-m=10.4	Feasible	-L	3600	114262	0.14598	121136	0.0046389	1409	3019	4427	322241
n-n=200-h=3-d=8-m=10.4	Feasible	-P	3600	114262	0.06699	125923	0.010806	1409	1810	3218	300073
n-n=200-h=3-d=8-m=10.4	Feasible	-S	3600	114262	0.18397	124828	0.01969	1409	3019	5836	322526
n-n=200-h=3-d=8-m=10.5	Feasible	-F	3600	167722	0.034995	179352	0.0014827	1447	1848	3094	324584
n-n=200-h=3-d=8-m=10.5	Optimal	-I	1176.8	167722	0.11698	173874	9.9994e-05	1447	3095	5988	55586
n-n=200-h=3-d=8-m=10.5	Optimal	-L	1182.2	167722	0.11598	173874	9.9985e-05	1447	3095	4541	66427
n-n=200-h=3-d=8-m=10.5	Feasible	-P	3600	167722	0.06599	179352	0.0021722	1447	1848	3294	356508
n-n=200-h=3-d=8-m=10.5	Feasible	-S	3600	167722	0.22697	177314	0.010279	1447	3095	5988	298237
n-n=200-h=3-d=8-m=10.6	Optimal	-F	1613.5	132201	0.036995	142973	9.9995e-05	1441	1841	3082	151028
n-n=200-h=3-d=8-m=10.6	Optimal	-I	437.64	132201	0.15398	137771	9.9918e-05	1441	3082	5964	17051
n-n=200-h=3-d=8-m=10.6	Optimal	-L	451.99	132201	0.14598	137771	9.9922e-05	1441	3082	4523	28499
n-n=200-h=3-d=8-m=10.6	Feasible	-P	3600	132201	0.06399	142973	0.00038464	1441	1841	3282	411035
n-n=200-h=3-d=8-m=10.6	Feasible	-S	3600	132201	0.21197	140966	0.0061136	1441	3082	5964	138283
n-n=200-h=3-d=8-m=10.7	Optimal	-F	749.92	101656	0.028995	111359	9.9823e-05	1444	1844	3088	52547
n-n=200-h=3-d=8-m=10.7	Optimal	-I	458.15	101656	0.18697	107106	9.9756e-05	1444	3088	5976	14121
n-n=200-h=3-d=8-m=10.7	Optimal	-L	310.12	101656	0.17597	107106	9.9627e-05	1444	3088	4532	14267
n-n=200-h=3-d=8-m=10.7	Optimal	-P	2215.8	101656	0.06599	111359	9.9972e-05	1444	1844	3288	201312
n-n=200-h=3-d=8-m=10.7	Feasible	-S	3600	101656	0.23696	110274	0.0099749	1444	3088	5976	112305
n-n=200-h=3-d=8-m=10.8	Optimal	-F	1037.2	114562	0.021997	124483	9.9977e-05	1476	1877	3152	77656
n-n=200-h=3-d=8-m=10.8	Optimal	-I	569.48	114562	0.21897	119764	9.9641e-05	1476	3153	6104	16928
n-n=200-h=3-d=8-m=10.8	Optimal	-L	493.81	114562	0.16498	119764	9.9135e-05	1476	3153	4628	18807
n-n=200-h=3-d=8-m=10.8	Feasible	-P	3600	114562	0.06399	124483	0.0016394	1476	1877	3352	301996
n-n=200-h=3-d=8-m=10.8	Feasible	-S	3600	114562	0.24896	122891	0.0084379	1476	3153	6104	101507
n-n=200-h=3-d=8-m=10.9	Optimal	-F	973.6	93771	0.021996	103714	9.9979e-05	1395	1796	2990	95709
n-n=200-h=3-d=8-m=10.9	Optimal	-I	412.08	93771	0.13198	98763	9.9285e-05	1395	2991	5780	16166
n-n=200-h=3-d=8-m=10.9	Optimal	-L	342.21	93771	0.12598	98763	9.9973e-05	1395	2991	4385	19932
n-n=200-h=3-d=8-m=10.9	Feasible	-P	3600	93771	0.044994	103714	0.000113	1395	1796	3190	412836
n-n=200-h=3-d=8-m=10.9	Feasible	-S	3600	93771	0.20197	102012	0.0080357	1395	2991	5780	120220
n-n=200-h=3-d=8-m=10.10	Feasible	-F	3600	114823	0.022997	125780	0.0016191	1482	1883	3164	226323
n-n=200-h=3-d=8-m=10.10	Optimal	-I	1178.3	114823	0.15498	120734	9.9977e-05	1482	3165	6128	50529
n-n=200-h=3-d=8-m=10.10	Optimal	-L	1569.9	114823	0.18197	120734	9.9973e-05	1482	3165	4646	60938
n-n=200-h=3-d=8-m=10.10	Feasible	-P	3600	114823	0.047993	125780	0.0059741	1482	1883	3364	225868
n-n=200-h=3-d=8-m=10.10	Feasible	-S	3600	114823	0.23496	123958	0.017579	1482	3165	6128	240265
n-n=200-h=3-d=8-m=10.11	Feasible	-F	3600	108571	0.033995	119639	0.0017873	1382	1783	2964	342207
n-n=200-h=3-d=8-m=10.11	Feasible	-I	3600	108571	0.19097	114835	0.00029882	1382	2965	5728	147329
n-n=200-h=3-d=8-m=10.11	Optimal	-L	2525.9	108571	0.15398	114835	9.9996e-05	1382	2965	4346	149122
n-n=200-h=3-d=8-m=10.11	Feasible	-P	3600	108571	0.080988	119639	0.0056793	1382	1783	3164	275514
n-n=200-h=3-d=8-m=10.11	Feasible	-S	3600	108571	0.26296	119219	0.014459	1382	2965	5728	256481
n-n=200-h=3-d=8-m=10.12	Feasible	-F	3600	146800	0.031995	158525	0.0012029	1510	1911	3220	237866
n-n=200-h=3-d=8-m=10.12	Optimal	-I	1116.8	146800	0.10199	152689	9.9936e-05	1510	3221	6240	50041
n-n=200-h=3-d=8-m=10.12	Optimal	-L	1469	146800	0.13398	152689	9.9986e-05	1510	3221	4730	97529
n-n=200-h=3-d=8-m=10.12	Feasible	-P	3600	146800	0.037994	158525	0.0035754	1510	1911	3420	401102
n-n=200-h=3-d=8-m=10.12	Feasible	-S	3600	146783	0.21897	156873	0.010563	1510	3221	6240	212784
n-n=200-h=3-d=8-m=10.13	Optimal	-F	140.23	107146	0.040994	117353	9.9691e-05	1407	1808	3014	9088
n-n=200-h=3-d=8-m=10.13	Optimal	-I	80.693	107146	0.18497	112214	9.6209e-05	1407	3015	5828	1335
n-n=200-h=3-d=8-m=10.13	Optimal	-L	61.431	107146	0.14698	112214	9.7855e-05	1407	3015	4421	1747
n-n=200-h=3-d=8-m=10.13	Optimal	-P	585.13	107146	0.095986	117353	9.9903e-05	1407	1808	3214	45521
n-n=200-h=3-d=8-m=10.13	Feasible	-S	3600	107146	0.23397	115249	0.006517	1407	3015	5828	181659
n-n=200-h=3-d=8-m=10.14	Optimal	-F	2466.6	89150	0.034994	99375	9.998e-05	1453	1854	3106	231235
n-n=200-h=3-d=8-m=10.14	Optimal	-I	742.26	89150	0.14398	94881	9.9899e-05	1453	3107	6012	38115
n-n=200-h=3-d=8-m=10.14	Optimal	-L	458.31	89150	0.12998	94881	9.9957e-05	1453	3107	4559	27833
n-n=200-h=3-d=8-m=10.14	Feasible	-P	3600	89150	0.051992	99375	0.0040627	1453	1854	3306	304768
n-n=200-h=3-d=8-m=10.14	Feasible	-S	3600	89150	0.23696	98333	0.012367	1453	3107	6012	235687
n-n=200-h=3-d=8-m=10.15	Optimal	-F	464.46	118400	0.040994	128619	9.9622e-05	1441	1842	3082	37780
n-n=200-h=3-d=8-m=10.15	Optimal	-I	210.16	118400	0.13798	123326	9.9843e-05	1441	3083	5964	11098
n-n=200-h=3-d=8-m=10.15	Optimal	-L	181.69	118400	0.13498	123326	9.9964e-05	1441	3083	4523	11893
n-n=200-h=3-d=8-m=10.15	Optimal	-P	888.94	118400	0.077988	128619	9.9971e-05	1441	1842	3282	89721
n-n=200-h=3-d=8-m=10.15	Feasible	-S	3600	118400	0.18397	126879	0.0032651	1441	3083	5964	146665
n-n=200-h=3-d=8-m=10.16	Feasible	-F	3600	138301	0.032995	149966	0.0024204	1491	1892	3182	227164
n-n=200-h=3-d=8-m=10.16	Optimal	-I	1662.5	138301	0.13998	145131	9.9958e-05	1491	3183	6164	74371
n-n=200-h=3-d=8-m=10.16	Optimal	-L	1793	138301	0.12598	145131	9.9989e-05	1491	3183	4673	89194
n-n=200-h=3-d=8-m=10.16	Feasible	-P	3600	138301	0.071989	149966	0.0060698	1491	1892	3382	296845
n-n=200-h=3-d=8-m=10.16	Feasible	-S	3600	138301	0.21797	147985	0.010085	1491	3183	6164	112866
n-n=200-h=3-d=8-m=10.17	Feasible	-F	3600	121917	0.027996	134515	0.0013113	1461	1862	3122	240039
n-n=200-h=3-d=8-m=10.17	Optimal	-I	3479.7	121917	0.14498	128949	9.9989e-05	1461	3123	6044	239608
n-n=200-h=3-d=8-m=10.17	Optimal	-L	2117.1	121917	0.10598	128949	9.9995e-05	1461	3123	4583	148136
n-n=200-h=3-d=8-m=10.17	Feasible	-P	3600	121917	0.057991	134515	0.0054842	1461	1862	3322	252739
n-n=200-h=3-d=8-m=10.17	Feasible	-S	3600	121917	0.22797	133146	0.013842	1461	3123	6044	102309
n-n=200-h=3-d=8-m=10.18	Optimal	-F	123.95	122902	0.022997	134667	9.9951e-05	1480	1880	3160	9961
n-n=200-h=3-d=8-m=10.18	Optimal	-I	80.984	122902	0.17097	128826	9.7319e-05	1480	3160	6120	1366
n-n=200-h=3-d=8-m=10.18	Optimal	-L	59.626	122902	0.13098	128826	9.8836e-05	1480	3160	4640	1300
n-n=200-h=3-d=8-m=10.18	Optimal	-P	244.73	122902	0.076988	134667	9.9922e-05	1480	1880	3360	15254
n-n=200-h=3-d=8-m=10.18	Feasible	-S	3600	122902	0.25596	133029	0.0079936	1480	3160	6120	189090
n-n=200-h=3-d=8-m=10.19	Feasible	-F	3600	125406	0.026996	136194	0.00011665	1413	1813	3026	351542
n-n=200-h=3-d=8-m=10.19	Optimal	-I	983.95	125406	0.19597	131247	9.9882e-05	1413	3026	5852	42850
n-n=200-h=3-d=8-m=10.19	Optimal	-L	1211.9	125406	0.093986	131247	9.9856e-05	1413	3026	4439	92737
n-n=200-h=3-d=8-m=10.19	Feasible	-P	3600	125406	0.061991	136194	0.0038258	1413	1813	3226	284539
n-n=200-h=3-d=8-m=10.19	Feasible	-S	3600	125406	0.16598	134865	0.013132	1413	3026	5852	268923

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=250-h=3-d=8-m=10.0	Feasible	-F	3600	137984	0.044993	150590	0.0011459	1787	2288	3824	167081
n-n=250-h=3-d=8-m=10.0	Optimal	-I	508.63	137984	0.24696	144725	9.8742e-05	1787	3825	7398	12547
n-n=250-h=3-d=8-m=10.0	Optimal	-L	412.65	137984	0.16897	144725	9.9913e-05	1787	3825	5611	16277
n-n=250-h=3-d=8-m=10.0	Feasible	-P	3600	137984	0.11098	150590	0.0087846	1787	2288	4074	328322
n-n=250-h=3-d=8-m=10.0	Feasible	-S	3600	137984	0.31295	149846	0.013834	1787	3825	7398	202514
n-n=250-h=3-d=8-m=10.1	Feasible	-F	3600	183620	0.037994	197858	0.0060701	1864	2364	3978	177655
n-n=250-h=3-d=8-m=10.1	Feasible	-I	3600	183620	0.31495	192063	0.0029892	1864	3978	7706	209577
n-n=250-h=3-d=8-m=10.1	Feasible	-L	3600	183620	0.26896	192063	0.0038362	1864	3978	5842	222402
n-n=250-h=3-d=8-m=10.1	Feasible	-P	3600	183620	0.15198	197858	0.010114	1864	2364	4228	232133
n-n=250-h=3-d=8-m=10.1	Feasible	-S	3600	183620	0.40594	196330	0.012583	1864	3978	7706	76425
n-n=250-h=3-d=8-m=10.2	Feasible	-F	3600	146004	0.028995	161625	0.0066781	1804	2305	3858	337555
n-n=250-h=3-d=8-m=10.2	Feasible	-I	3600	146004	0.23996	153877	0.0026123	1804	3859	7466	162074
n-n=250-h=3-d=8-m=10.2	Feasible	-L	3600	146004	0.20097	153877	0.0037706	1804	3859	5662	174013
n-n=250-h=3-d=8-m=10.2	Feasible	-P	3600	146004	0.078988	161625	0.01279	1804	2305	4108	477203
n-n=250-h=3-d=8-m=10.2	Feasible	-S	3600	146004	0.26396	158870	0.021609	1804	3859	7466	253252
n-n=250-h=3-d=8-m=10.3	Feasible	-F	3600	148826	0.038994	163534	0.0046024	1900	2401	4050	203288
n-n=250-h=3-d=8-m=10.3	Optimal	-I	1515.1	148826	0.15798	156818	9.9962e-05	1900	4051	7850	61688
n-n=250-h=3-d=8-m=10.3	Optimal	-L	3068.3	148826	0.27996	156818	9.9987e-05	1900	4051	5950	116354
n-n=250-h=3-d=8-m=10.3	Feasible	-P	3600	148826	0.056991	163534	0.012383	1900	2401	4300	583655
n-n=250-h=3-d=8-m=10.3	Feasible	-S	3600	148826	0.27696	160931	0.017133	1900	4051	7850	272505
n-n=250-h=3-d=8-m=10.4	Feasible	-F	3600	143281	0.059991	159719	0.014997	1821	2322	3892	340286
n-n=250-h=3-d=8-m=10.4	Feasible	-I	3600	143281	0.15498	153134	0.01065	1821	3893	7534	169709
n-n=250-h=3-d=8-m=10.4	Feasible	-L	3600	143281	0.24296	153134	0.011064	1821	3893	5713	204045
n-n=250-h=3-d=8-m=10.4	Feasible	-P	3600	143281	0.10098	159719	0.023441	1821	2322	4142	440631
n-n=250-h=3-d=8-m=10.4	Feasible	-S	3600	143261	0.37294	157614	0.032534	1821	3893	7534	154500
n-n=250-h=3-d=8-m=10.5	Feasible	-F	3600	150997	0.047992	164501	0.005366	1760	2261	3770	192120
n-n=250-h=3-d=8-m=10.5	Feasible	-I	3600	150997	0.18797	158235	0.0024562	1760	3771	7290	101394
n-n=250-h=3-d=8-m=10.5	Feasible	-L	3600	150997	0.17297	158235	0.0026537	1760	3771	5530	122611
n-n=250-h=3-d=8-m=10.5	Feasible	-P	3600	150997	0.090986	164501	0.012311	1760	2261	4020	467720
n-n=250-h=3-d=8-m=10.5	Feasible	-S	3600	150997	0.38494	162314	0.016954	1760	3771	7290	180302
n-n=250-h=3-d=8-m=10.6	Optimal	-F	3441	148579	0.022997	162396	9.9992e-05	1862	2363	3974	313229
n-n=250-h=3-d=8-m=10.6	Optimal	-I	461.09	148579	0.29795	155233	9.9763e-05	1862	3975	7698	13645
n-n=250-h=3-d=8-m=10.6	Optimal	-L	530.4	148579	0.16498	155233	9.9984e-05	1862	3975	5836	22904
n-n=250-h=3-d=8-m=10.6	Feasible	-P	3600	148579	0.077988	162396	0.0039173	1862	2363	4224	287150
n-n=250-h=3-d=8-m=10.6	Feasible	-S	3600	148579	0.37794	159905	0.0095202	1862	3975	7698	232559
n-n=250-h=3-d=8-m=10.7	Feasible	-F	3600	152337	0.056991	167318	0.0035153	1794	2295	3838	275083
n-n=250-h=3-d=8-m=10.7	Optimal	-I	1855.7	152337	0.29196	160480	9.9936e-05	1794	3839	7426	70115
n-n=250-h=3-d=8-m=10.7	Optimal	-L	1243.6	152337	0.20597	160480	9.9894e-05	1794	3839	5632	52494
n-n=250-h=3-d=8-m=10.7	Feasible	-P	3600	152337	0.07099	167318	0.010233	1794	2295	4088	510817
n-n=250-h=3-d=8-m=10.7	Feasible	-S	3600	152337	0.36095	166214	0.017212	1794	3839	7426	174889
n-n=250-h=3-d=8-m=10.8	Feasible	-F	3600	126545	0.039994	140648	0.0062503	1818	2319	3886	178934
n-n=250-h=3-d=8-m=10.8	Feasible	-I	3600	126545	0.20297	133753	0.00049055	1818	3887	7522	132007
n-n=250-h=3-d=8-m=10.8	Feasible	-L	3600	126545	0.22797	133753	0.0038565	1818	3887	5704	167243
n-n=250-h=3-d=8-m=10.8	Feasible	-P	3600	126545	0.076988	140648	0.013114	1818	2319	4136	396901
n-n=250-h=3-d=8-m=10.8	Feasible	-S	3600	126545	0.43293	138886	0.021606	1818	3887	7522	175180
n-n=250-h=3-d=8-m=10.9	Feasible	-F	3600	166928	0.046993	182211	0.0057609	1804	2305	3858	183000
n-n=250-h=3-d=8-m=10.9	Feasible	-I	3600	166928	0.20797	175565	0.0036655	1804	3859	7466	128592
n-n=250-h=3-d=8-m=10.9	Feasible	-L	3600	166928	0.20097	175565	0.0041517	1804	3859	5662	201556
n-n=250-h=3-d=8-m=10.9	Feasible	-P	3600	166928	0.082987	182211	0.011469	1804	2305	4108	440731
n-n=250-h=3-d=8-m=10.9	Feasible	-S	3600	166928	0.31295	180212	0.015678	1804	3859	7466	246309
n-n=250-h=3-d=8-m=10.10	Feasible	-F	3600	154181	0.032995	168109	0.0025639	1807	2304	3864	190610
n-n=250-h=3-d=8-m=10.10	Optimal	-I	1149.7	154181	0.22597	161931	9.9921e-05	1807	3861	7478	31447
n-n=250-h=3-d=8-m=10.10	Optimal	-L	518.46	154181	0.11198	161931	9.9921e-05	1807	3861	5671	29970
n-n=250-h=3-d=8-m=10.10	Feasible	-P	3600	154181	0.099985	168109	0.0075768	1807	2304	4114	211486
n-n=250-h=3-d=8-m=10.10	Feasible	-S	3600	154181	0.28296	166554	0.016795	1807	3861	7478	230009
n-n=250-h=3-d=8-m=10.11	Feasible	-F	3600	181287	0.042993	195252	0.00040417	1876	2377	4002	254762
n-n=250-h=3-d=8-m=10.11	Optimal	-I	1573.6	181287	0.29396	188669	9.9941e-05	1876	4003	7754	55595
n-n=250-h=3-d=8-m=10.11	Optimal	-L	576.04	181287	0.27796	188669	9.9928e-05	1876	4003	5878	30026
n-n=250-h=3-d=8-m=10.11	Feasible	-P	3600	181287	0.10698	195252	0.0039109	1876	2377	4252	234593
n-n=250-h=3-d=8-m=10.11	Feasible	-S	3600	181287	0.35295	193134	0.011344	1876	4003	7754	188585
n-n=250-h=3-d=8-m=10.12	Optimal	-F	992.29	150891	0.053991	165653	9.9979e-05	1842	2342	3934	49917
n-n=250-h=3-d=8-m=10.12	Optimal	-I	394.42	150891	0.24496	157919	9.9826e-05	1842	3934	7618	11263
n-n=250-h=3-d=8-m=10.12	Optimal	-L	294.16	150891	0.21797	157919	9.9966e-05	1842	3934	5776	13691
n-n=250-h=3-d=8-m=10.12	Feasible	-P	3600	150891	0.082988	165653	0.0012569	1842	2342	4184	250977
n-n=250-h=3-d=8-m=10.12	Feasible	-S	3600	150891	0.37594	163858	0.0085288	1842	3934	7618	81379
n-n=250-h=3-d=8-m=10.13	Feasible	-F	3600	158464	0.050992	174761	0.0026342	1766	2267	3782	216925
n-n=250-h=3-d=8-m=10.13	Feasible	-I	3600	158464	0.15798	167628	0.0013269	1766	3783	7314	151377
n-n=250-h=3-d=8-m=10.13	Optimal	-L	1214.9	158464	0.18397	167628	9.9989e-05	1766	3783	5548	67274
n-n=250-h=3-d=8-m=10.13	Feasible	-P	3600	158464	0.12698	174761	0.0094385	1766	2267	4032	407298
n-n=250-h=3-d=8-m=10.13	Feasible	-S	3600	158464	0.28396	172833	0.017008	1766	3783	7314	217311
n-n=250-h=3-d=8-m=10.14	Feasible	-F	3600	151437	0.042994	164974	0.00034243	1788	2289	3826	223878
n-n=250-h=3-d=8-m=10.14	Optimal	-I	215.9	151437	0.23696	157925	9.9883e-05	1788	3827	7402	8775
n-n=250-h=3-d=8-m=10.14	Optimal	-L	263.43	151437	0.11098	157925	9.9985e-05	1788	3827	5614	13663
n-n=250-h=3-d=8-m=10.14	Feasible	-P	3600	151437	0.087986	164974	0.0018996	1788	2289	4076	251908
n-n=250-h=3-d=8-m=10.14	Feasible	-S	3600	151437	0.23996	162772	0.011441	1788	3827	7402	243705
n-n=250-h=3-d=8-m=10.15	Feasible	-F	3600	139810	0.045993	153765	0.0061104	1806	2307	3862	164893
n-n=250-h=3-d=8-m=10.15	Feasible	-I	3600	139810	0.20897	147763	0.0037246	1806	3863	7474	178545
n-n=250-h=3-d=8-m=10.15	Feasible	-L	3600	139810	0.23297	147763	0.0039396	1806	3863	5668	226206
n-n=250-h=3-d=8-m=10.15	Feasible	-P	3600	139810	0.080987	153765	0.012462	1806	2307	4112	355254
n-n=250-h=3-d=8-m=10.15	Feasible	-S	3600	139810	0.35995	151738	0.018497	1806	3863	7474	187906

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
n-n=250-h=3-d=8-m=10.16	Feasible	-F	3600	124672	0.053992	137455	0.0020535	1808	2308	3866	203972
n-n=250-h=3-d=8-m=10.16	Optimal	-I	2226	124672	0.26196	131535	9.9999e-05	1808	3866	7482	85312
n-n=250-h=3-d=8-m=10.16	Optimal	-L	886.53	124672	0.16398	131535	9.9946e-05	1808	3866	5674	49956
n-n=250-h=3-d=8-m=10.16	Feasible	-P	3600	124672	0.094985	137455	0.0096509	1808	2308	4116	417739
n-n=250-h=3-d=8-m=10.16	Feasible	-S	3600	124672	0.28196	135598	0.012128	1808	3866	7482	90113
n-n=250-h=3-d=8-m=10.17	Feasible	-F	3600	156911	0.040994	174257	0.0014269	1777	2274	3804	261095
n-n=250-h=3-d=8-m=10.17	Optimal	-I	1187	156911	0.15298	166068	9.9939e-05	1777	3801	7358	48015
n-n=250-h=3-d=8-m=10.17	Optimal	-L	1016	156911	0.16997	166068	9.9832e-05	1777	3801	5581	61524
n-n=250-h=3-d=8-m=10.17	Feasible	-P	3600	156911	0.12798	174257	0.0092472	1777	2274	4054	403947
n-n=250-h=3-d=8-m=10.17	Feasible	-S	3600	156911	0.21897	171126	0.01428	1777	3801	7358	318876
n-n=250-h=3-d=8-m=10.18	Feasible	-F	3600	136977	0.033995	152923	0.011887	1800	2301	3850	139384
n-n=250-h=3-d=8-m=10.18	Feasible	-I	3600	136977	0.21897	145769	0.0060348	1800	3851	7450	204583
n-n=250-h=3-d=8-m=10.18	Feasible	-L	3600	136977	0.15298	145769	0.0062038	1800	3851	5650	244386
n-n=250-h=3-d=8-m=10.18	Feasible	-P	3600	136977	0.11498	152923	0.017091	1800	2301	4100	413644
n-n=250-h=3-d=8-m=10.18	Feasible	-S	3600	136977	0.31095	150037	0.024287	1800	3851	7450	242774
n-n=250-h=3-d=8-m=10.19	Optimal	-F	2556.1	219381	0.037994	234756	9.9959e-05	1810	2311	3870	180326
n-n=250-h=3-d=8-m=10.19	Optimal	-I	1654	219381	0.27196	227911	9.9966e-05	1810	3871	7490	41859
n-n=250-h=3-d=8-m=10.19	Optimal	-L	811.8	219381	0.15598	227911	9.9999e-05	1810	3871	5680	50499
n-n=250-h=3-d=8-m=10.19	Feasible	-P	3600	219381	0.10198	234756	0.0045314	1810	2311	4120	179687
n-n=250-h=3-d=8-m=10.19	Feasible	-S	3600	219381	0.24296	232565	0.0083814	1810	3871	7490	88734
n-n=300-h=3-d=8-m=10.0	Feasible	-F	3600	211372	0.057992	232967	0.010131	2203	2803	4706	136695
n-n=300-h=3-d=8-m=10.0	Feasible	-I	3600	211388	0.34395	223713	0.0072414	2203	4706	9112	132790
n-n=300-h=3-d=8-m=10.0	Feasible	-L	3600	211388	0.29795	223713	0.0072131	2203	4706	6909	152787
n-n=300-h=3-d=8-m=10.0	Feasible	-P	3600	211388	0.10498	232967	0.017647	2203	2803	5006	510095
n-n=300-h=3-d=8-m=10.0	Feasible	-S	3600	211388	0.40494	229708	0.024483	2203	4706	9112	170615
n-n=300-h=3-d=8-m=10.1	Feasible	-F	3600	174510	0.068989	192917	0.0095556	2175	2773	4650	269809
n-n=300-h=3-d=8-m=10.1	Feasible	-I	3600	174510	0.33395	184830	0.0068566	2175	4648	9000	163723
n-n=300-h=3-d=8-m=10.1	Feasible	-L	3600	174510	0.27596	184830	0.006583	2175	4648	6825	206067
n-n=300-h=3-d=8-m=10.1	Feasible	-P	3600	174510	0.12198	192917	0.017568	2175	2773	4950	466424
n-n=300-h=3-d=8-m=10.1	Feasible	-S	3600	174510	0.42194	191394	0.023037	2175	4648	9000	180596
n-n=300-h=3-d=8-m=10.2	Feasible	-F	3600	192693	0.046993	212842	0.010582	2184	2785	4668	156149
n-n=300-h=3-d=8-m=10.2	Feasible	-I	3600	192693	0.31095	204096	0.0060409	2184	4669	9036	81545
n-n=300-h=3-d=8-m=10.2	Feasible	-L	3600	192693	0.27696	204096	0.0069643	2184	4669	6852	192010
n-n=300-h=3-d=8-m=10.2	Feasible	-P	3600	192693	0.11798	212842	0.017611	2184	2785	4968	414683
n-n=300-h=3-d=8-m=10.2	Feasible	-S	3600	192693	0.35295	210275	0.023257	2184	4669	9036	178102
n-n=300-h=3-d=8-m=10.3	Feasible	-F	3600	196473	0.039994	217344	0.011994	2177	2778	4654	171275
n-n=300-h=3-d=8-m=10.3	Feasible	-I	3600	196476	0.26696	208769	0.0092494	2177	4655	9008	169201
n-n=300-h=3-d=8-m=10.3	Feasible	-L	3600	196476	0.29196	208769	0.0088816	2177	4655	6831	176190
n-n=300-h=3-d=8-m=10.3	Feasible	-P	3600	196476	0.096985	217344	0.0218	2177	2778	4954	581970
n-n=300-h=3-d=8-m=10.3	Feasible	-S	3600	196429	0.54092	215385	0.026405	2177	4655	9008	198938
n-n=300-h=3-d=8-m=10.4	Feasible	-F	3600	162909	0.076989	183328	0.010178	2214	2815	4728	325605
n-n=300-h=3-d=8-m=10.4	Feasible	-I	3600	162909	0.37494	173908	0.0045967	2214	4729	9156	170630
n-n=300-h=3-d=8-m=10.4	Feasible	-L	3600	162909	0.30995	173908	0.0035183	2214	4729	6942	166026
n-n=300-h=3-d=8-m=10.4	Feasible	-P	3600	162909	0.14498	183328	0.018103	2214	2815	5028	418893
n-n=300-h=3-d=8-m=10.4	Feasible	-S	3600	162909	0.45893	181683	0.028867	2214	4729	9156	154226
n-n=300-h=3-d=8-m=10.5	Feasible	-F	3600	196245	0.046992	214601	0.008191	2174	2775	4648	154307
n-n=300-h=3-d=8-m=10.5	Feasible	-I	3600	196245	0.19697	206579	0.0067308	2174	4649	8996	146640
n-n=300-h=3-d=8-m=10.5	Feasible	-L	3600	196245	0.21197	206579	0.0057983	2174	4649	6822	244521
n-n=300-h=3-d=8-m=10.5	Feasible	-P	3600	196245	0.14598	214601	0.012083	2174	2775	4948	179211
n-n=300-h=3-d=8-m=10.5	Feasible	-S	3600.1	196245	0.40794	212983	0.02154	2174	4649	8996	213889
n-n=300-h=3-d=8-m=10.6	Optimal	-F	3548.1	202207	0.070989	221708	9.9994e-05	2161	2762	4622	190912
n-n=300-h=3-d=8-m=10.6	Optimal	-I	692.13	202207	0.23596	211370	9.9922e-05	2161	4623	8944	18602
n-n=300-h=3-d=8-m=10.6	Optimal	-L	513.68	202207	0.24196	211370	9.99e-05	2161	4623	6783	19639
n-n=300-h=3-d=8-m=10.6	Feasible	-P	3600	202207	0.12198	221708	0.0087887	2161	2762	4922	388388
n-n=300-h=3-d=8-m=10.6	Feasible	-S	3600	202207	0.40894	217609	0.012238	2161	4623	8944	182874
n-n=300-h=3-d=8-m=10.7	Feasible	-F	3600	171884	0.055991	190707	0.0064606	2198	2799	4696	170494
n-n=300-h=3-d=8-m=10.7	Feasible	-I	3600	171884	0.28296	182798	0.0025694	2198	4697	9092	180176
n-n=300-h=3-d=8-m=10.7	Feasible	-L	3600	171884	0.28096	182798	0.0032568	2198	4697	6894	228880
n-n=300-h=3-d=8-m=10.7	Feasible	-P	3600	171884	0.099984	190707	0.016916	2198	2799	4996	373950
n-n=300-h=3-d=8-m=10.7	Feasible	-S	3600	171884	0.45693	189631	0.02411	2198	4697	9092	160450
n-n=300-h=3-d=8-m=10.8	Feasible	-F	3600	188432	0.069989	208654	0.010289	2248	2849	4796	279086
n-n=300-h=3-d=8-m=10.8	Feasible	-I	3600	188432	0.31795	200089	0.0038959	2248	4797	9292	60432
n-n=300-h=3-d=8-m=10.8	Feasible	-L	3600	188432	0.22197	200089	0.0045177	2248	4797	7044	113590
n-n=300-h=3-d=8-m=10.8	Feasible	-P	3600	188432	0.10998	208654	0.0187	2248	2849	5096	353731
n-n=300-h=3-d=8-m=10.8	Feasible	-S	3600	188432	0.40494	206268	0.025381	2248	4797	9292	119744
n-n=300-h=3-d=8-m=10.9	Feasible	-F	3600	209252	0.047992	229133	0.0067691	2273	2873	4846	134463
n-n=300-h=3-d=8-m=10.9	Feasible	-I	3600	209252	0.41094	219638	0.0043351	2273	4846	9392	126152
n-n=300-h=3-d=8-m=10.9	Feasible	-L	3600	209252	0.37094	219638	0.0028786	2273	4846	7119	76861
n-n=300-h=3-d=8-m=10.9	Feasible	-P	3600	209252	0.12998	229133	0.0094613	2273	2873	5146	134046
n-n=300-h=3-d=8-m=10.9	Feasible	-S	3600	209252	0.39894	225930	0.019932	2273	4846	9392	181196
n-n=300-h=3-d=8-m=10.10	Feasible	-F	3600	189776	0.043994	209875	0.0084393	2151	2751	4602	190847
n-n=300-h=3-d=8-m=10.10	Feasible	-I	3600	189776	0.17397	201477	0.0052309	2151	4602	8904	177831
n-n=300-h=3-d=8-m=10.10	Feasible	-L	3600	189776	0.23696	201477	0.0051321	2151	4602	6753	160791
n-n=300-h=3-d=8-m=10.10	Feasible	-P	3600	189776	0.06599	209875	0.013717	2151	2751	4902	537873
n-n=300-h=3-d=8-m=10.10	Feasible	-S	3600	189776	0.39094	207512	0.021007	2151	4602	8904	151197
n-n=300-h=3-d=8-m=10.11	Feasible	-F	3600	194697	0.045993	213703	0.0057286	2212	2812	4724	257588
n-n=300-h=3-d=8-m=10.11	Optimal	-I	1283.2	194697	0.28696	204464	9.9887e-05	2212	4724	9148	33358
n-n=300-h=3-d=8-m=10.11	Optimal	-L	1342.4	194697	0.31895	204464	9.9876e-05	2212	4724	6936	52313
n-n=300-h=3-d=8-m=10.11	Feasible	-P	3600	194697	0.092986	213703	0.0070887	2212	2812	5024	176717
n-n=300-h=3-d=8-m=10.11	Feasible	-S	3600	194697	0.29096	211825	0.016945	2212	4724	9148	184624

Table with Means and Standard Deviations - All Instances

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
n-n=50-h=3-d=8-m=10	-F	20	0	3.316	2.8512	0.0047491	0.00076632	848.4	603.81	6.2257e-05	3.7979e-05	0.091284
n-n=50-h=3-d=8-m=10	-I	20	0	5.3764	4.0058	0.018547	0.0030733	869	609.93	6.0733e-05	4.0917e-05	0.051817
n-n=50-h=3-d=8-m=10	-L	20	0	4.387	3.4645	0.016348	0.0037181	851.55	549.25	5.0751e-05	3.6461e-05	0.048025
n-n=50-h=3-d=8-m=10	-P	20	0	4.8946	1.8843	0.0091987	0.0020392	1437	716.98	4.7184e-05	4.1133e-05	0.087713
n-n=50-h=3-d=8-m=10	-S	20	0	17.158	12.796	0.025196	0.0048222	2799.2	2545.9	7.4161e-05	3.0485e-05	0.079401
n-n=100-h=3-d=8-m=10	-F	20	0	50.841	72.933	0.011848	0.002515	6904.9	9887	9.0721e-05	1.5203e-05	0.089843
n-n=100-h=3-d=8-m=10	-I	20	0	54.847	97.587	0.054542	0.008534	3685.6	6139.6	7.3474e-05	3.4975e-05	0.049436
n-n=100-h=3-d=8-m=10	-L	20	0	43.069	74.584	0.049242	0.010053	3633.9	5563.4	7.1345e-05	3.7887e-05	0.049438
n-n=100-h=3-d=8-m=10	-P	20	0	74.203	91.656	0.024596	0.0060605	14602	18483	8.3043e-05	3.3242e-05	0.089853
n-n=100-h=3-d=8-m=10	-S	18	2	788.05	1136.5	0.072939	0.01854	84350	1.2558e+05	0.00070751	0.001855	0.077534
n-n=150-h=3-d=8-m=10	-F	19	1	640.42	753.83	0.021597	0.0056241	64499	63510	0.00013972	0.00017724	0.097355
n-n=150-h=3-d=8-m=10	-I	20	0	370.56	322.05	0.10428	0.033274	22261	21756	9.832e-05	5.8239e-06	0.054135
n-n=150-h=3-d=8-m=10	-L	20	0	249.44	211.17	0.084937	0.011904	18145	15564	9.6215e-05	1.0597e-05	0.054137
n-n=150-h=3-d=8-m=10	-P	18	2	1153.5	1091.2	0.044893	0.012878	1.4698e+05	1.3168e+05	0.00031831	0.00082216	0.094042
n-n=150-h=3-d=8-m=10	-S	3	17	3304.8	834.03	0.14098	0.020146	2.5624e+05	1.0507e+05	0.0071351	0.0052447	0.079024
n-n=200-h=3-d=8-m=10	-F	9	11	2389.7	1418.8	0.030845	0.0061251	1.9244e+05	1.1708e+05	0.0016322	0.0024559	0.011025
n-n=200-h=3-d=8-m=10	-I	16	4	1446.4	1295.6	0.17012	0.03556	70637	74329	0.00065089	0.0014623	0.0058659
n-n=200-h=3-d=8-m=10	-L	17	3	1296.8	1187.2	0.14253	0.023769	82684	89444	0.00048946	0.0011677	0.0058658
n-n=200-h=3-d=8-m=10	-P	5	15	2998.7	1114	0.06544	0.014849	2.9559e+05	1.4486e+05	0.0038458	0.0040779	0.010805
n-n=200-h=3-d=8-m=10	-S	0	20	3600	0.0047697	0.21587	0.035116	1.9887e+05	72248	0.011346	0.0044393	0.0084376
n-n=250-h=3-d=8-m=10	-F	3	17	3409.5	599.55	0.043143	0.0092195	2.127e+05	67725	0.0041054	0.0038979	0
n-n=250-h=3-d=8-m=10	-I	11	9	2257.1	1305.1	0.22892	0.049336	93906	66408	0.0017524	0.0026423	0
n-n=250-h=3-d=8-m=10	-L	12	8	1981.8	1436.2	0.19567	0.048022	1.0435e+05	80844	0.0020337	0.0028451	0
n-n=250-h=3-d=8-m=10	-P	0	20	3600	0.0035707	0.096285	0.021992	3.6459e+05	1.0932e+05	0.0097811	0.0051047	0
n-n=250-h=3-d=8-m=10	-S	0	20	3600	0.0080623	0.32265	0.059036	1.9289e+05	66009	0.016068	0.0056971	0
n-n=300-h=3-d=8-m=10	-F	1	19	3597.4	11.322	0.057391	0.013308	1.8415e+05	57612	0.0074741	0.0028118	0
n-n=300-h=3-d=8-m=10	-I	3	17	3225.1	899.5	0.3261	0.086358	1.1908e+05	51847	0.0042218	0.0023776	0
n-n=300-h=3-d=8-m=10	-L	3	17	3188.7	988.57	0.28206	0.045024	1.4655e+05	62420	0.0039812	0.0023802	0
n-n=300-h=3-d=8-m=10	-P	0	20	3600	0.005831	0.11713	0.020207	3.887e+05	1.1787e+05	0.014392	0.0038495	0
n-n=300-h=3-d=8-m=10	-S	0	20	3600	0.015322	0.43783	0.084118	1.5359e+05	40562	0.0206	0.0044414	0

Table with Means and Standard Deviations - Only solved within the time limit

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
n-n=50-h=3-d=8-m=10	-F	20	0	3.316	2.8512	0.0047491	0.00076632	848.4	603.81	6.2257e-05	3.7979e-05	0.091284
n-n=50-h=3-d=8-m=10	-I	20	0	5.3764	4.0058	0.018547	0.0030733	869	609.93	6.0733e-05	4.0917e-05	0.051817
n-n=50-h=3-d=8-m=10	-L	20	0	4.387	3.4645	0.016348	0.0037181	851.55	549.25	5.0751e-05	3.6461e-05	0.048025
n-n=50-h=3-d=8-m=10	-P	20	0	4.8946	1.8843	0.0091987	0.0020392	1437	716.98	4.7184e-05	4.1133e-05	0.087713
n-n=50-h=3-d=8-m=10	-S	20	0	17.158	12.796	0.025196	0.0048222	2799.2	2545.9	7.4161e-05	3.0485e-05	0.079401
n-n=100-h=3-d=8-m=10	-F	20	0	50.841	72.933	0.011848	0.002515	6904.9	9887	9.0721e-05	1.5203e-05	0.089843
n-n=100-h=3-d=8-m=10	-I	20	0	54.847	97.587	0.054542	0.008534	3685.6	6139.6	7.3474e-05	3.4975e-05	0.049436
n-n=100-h=3-d=8-m=10	-L	20	0	43.069	74.584	0.049242	0.010053	3633.9	5563.4	7.1345e-05	3.7887e-05	0.049438
n-n=100-h=3-d=8-m=10	-P	20	0	74.203	91.656	0.024596	0.0060605	14602	18483	8.3043e-05	3.3242e-05	0.089853
n-n=100-h=3-d=8-m=10	-S	18	0	475.61	677.47	0.072156	0.01873	58290	99183	9.7956e-05	3.8188e-06	0.076839
n-n=150-h=3-d=8-m=10	-F	19	0	484.65	335.99	0.020786	0.0044901	52400	36303	9.9061e-05	2.6497e-06	0.096485
n-n=150-h=3-d=8-m=10	-I	20	0	370.56	322.05	0.10428	0.033274	22261	21756	9.832e-05	5.8239e-06	0.054135
n-n=150-h=3-d=8-m=10	-L	20	0	249.44	211.17	0.084937	0.011904	18145	15564	9.6215e-05	1.0597e-05	0.054137
n-n=150-h=3-d=8-m=10	-P	18	0	881.69	764.22	0.045104	0.013521	1.1651e+05	99669	9.9306e-05	1.9672e-06	0.09296
n-n=150-h=3-d=8-m=10	-S	3	0	1632.2	1160.2	0.13165	0.0044961	1.1677e+05	72208	9.9686e-05	3.7537e-07	0.080205
n-n=200-h=3-d=8-m=10	-F	9	0	910.49	703.47	0.032328	0.0079292	80518	67537	9.9886e-05	1.3234e-07	0.024501
n-n=200-h=3-d=8-m=10	-I	16	0	908.05	805.44	0.1646	0.036782	44637	54859	9.9469e-05	1.0554e-06	0.0073324
n-n=200-h=3-d=8-m=10	-L	17	0	890.29	746.24	0.13986	0.024428	51382	46844	9.9678e-05	5.6176e-07	0.006901
n-n=200-h=3-d=8-m=10	-P	5	0	1194.6	790.2	0.080188	0.0098048	1.1206e+05	79454	9.9948e-05	2.9552e-08	0
n-n=250-h=3-d=8-m=10	-F	3	0	2329.8	1012.4	0.038327	0.012655	1.8116e+05	1.075e+05	9.9977e-05	1.351e-08	0
n-n=250-h=3-d=8-m=10	-I	11	0	1158.3	643.32	0.24396	0.047559	40024	25341	9.9807e-05	3.4288e-07	0
n-n=250-h=3-d=8-m=10	-L	12	0	903.03	726.7	0.18439	0.051768	43719	28398	9.9945e-05	4.7876e-08	0
n-n=300-h=3-d=8-m=10	-F	1	0	3548.1	0	0.070989	0	1.9091e+05	0	9.9994e-05	0	0
n-n=300-h=3-d=8-m=10	-I	3	0	1100.5	289.34	0.28329	0.037235	26219	6033.6	9.9926e-05	3.3743e-08	0
n-n=300-h=3-d=8-m=10	-L	3	0	858	352.53	0.29962	0.041502	29782	15958	9.9896e-05	1.4773e-08	0

Table with Means and Standard Deviations - Only not solved within the time limit

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
n-n=100-h=3-d=8-m=10	-S	0	2	3600	0.005	0.079988	0.014998	3.189e+05	89657	0.0061935	0.00098442	0.083783
n-n=150-h=3-d=8-m=10	-F	0	1	3600	0	0.036994	0	2.9439e+05	0	0.00091222	0	0.11389
n-n=150-h=3-d=8-m=10	-P	0	2	3600	0.005	0.042994	0.0029995	4.2123e+05	20788	0.0022894	0.0015629	0.10378
n-n=150-h=3-d=8-m=10	-S	0	17	3600	0.0066551	0.14263	0.021351	2.8085e+05	89610	0.0083766	0.0046995	0.078815
n-n=200-h=3-d=8-m=10	-F	0	11	3600	0.0028748	0.029632	0.0036742	2.8402e+05	50535	0.0028859	0.0027338	0
n-n=200-h=3-d=8-m=10	-I	0	4	3600	0.0082916	0.19222	0.017338	1.7464e+05	45451	0.0028566	0.002147	0
n-n=200-h=3-d=8-m=10	-L	0	3	3600	0	0.15764	0.010779	2.6006e+05	62327	0.0026982	0.0018306	0
n-n=200-h=3-d=8-m=10	-P	0	15	3600	0.0033993	0.060524	0.012855	3.5677e+05	1.0443e+05	0.0050944	0.003992	0.014406
n-n=200-h=3-d=8-m=10	-S	0	20	3600	0.0047697	0.21587	0.035116	1.9887e+05	72248	0.011346	0.0044393	0.0084376
n-n=250-h=3-d=8-m=10	-F	0	17	3600	0.0047059	0.043993	0.0081805	2.1827e+05	56127	0.0048122	0.0038136	0
n-n=250-h=3-d=8-m=10	-I	0	9	3600	0.0066667	0.21052	0.045049	1.5976e+05	33610	0.0037722	0.0028455	0
n-n=250-h=3-d=8-m=10	-L	0	8	3600	0.0070711	0.21259	0.03561	1.9531e+05	36638	0.0049345	0.0024926	0
n-n=250-h=3-d=8-m=10	-P	0	20	3600	0.0035707	0.096285	0.021992	3.6459e+05	1.0932e+05	0.0097811	0.0051047	0
n-n=250-h=3-d=8-m=10	-S	0	20	3600	0.0080623	0.32265	0.059036	1.9289e+05	66009	0.016068	0.0056971	0
n-n=300-h=3-d=8-m=10	-F	0	19	3600	0.002233	0.056676	0.013273	1.838e+05	59088	0.0078622	0.0023042	0
n-n=300-h=3-d=8-m=10	-I	0	17	3600	0.0094118	0.33366	0.09027	1.3547e+05	36956	0.0049492	0.0017673	0
n-n=300-h=3-d=8-m=10	-L	0	17	3600	0.010847	0.27896	0.04491	1.6716e+05	41328	0.0046662	0.0018808	0
n-n=300-h=3-d=8-m=10	-P	0	20	3600	0.005831	0.11713	0.020207	3.887e+05	1.1787e+05	0.014392	0.0038495	0
n-n=300-h=3-d=8-m=10	-S	0	20	3600	0.015322	0.43783	0.084118	1.5359e+05	40562	0.0206	0.0044414	0

3 popularity

All Instances - Part 1

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=50-e=400-q=200-d=0.25.0	Optimal	-F	5.0002	1111.7	0.003	1250.6	9.9294e-05	400	496	850	975
p-n=50-e=400-q=200-d=0.25.0	Optimal	-I	10.769	1111.7	0.015997	1189	2.0453e-16	400	846	1650	1298
p-n=50-e=400-q=200-d=0.25.0	Optimal	-L	9.0546	1111.7	0.014998	1189	6.2456e-05	400	846	1250	1700
p-n=50-e=400-q=200-d=0.25.0	Optimal	-P	4.6833	1111.7	0.005999	1250.6	8.7569e-05	400	496	900	1045
p-n=50-e=400-q=200-d=0.25.0	Optimal	-S	43.206	1111.7	0.020997	1262.9	9.8685e-05	400	846	1650	8854
p-n=50-e=400-q=200-d=0.25.1	Optimal	-F	7.5828	1043.1	0.004	1189.8	0	400	494	850	1382
p-n=50-e=400-q=200-d=0.25.1	Optimal	-I	11.951	1043.1	0.019997	1122.4	6.6799e-05	400	844	1650	2407
p-n=50-e=400-q=200-d=0.25.1	Optimal	-L	8.2457	1043.1	0.017997	1122.4	9.7262e-05	400	844	1250	2222
p-n=50-e=400-q=200-d=0.25.1	Optimal	-P	6.0181	1043.1	0.006998	1189.8	0	400	494	900	1382
p-n=50-e=400-q=200-d=0.25.1	Optimal	-S	29.465	1043.1	0.021996	1191.5	8.6866e-05	400	844	1650	3157
p-n=50-e=400-q=200-d=0.25.2	Optimal	-F	5.4962	1048.8	0.002999	1191	0	400	497	850	1060
p-n=50-e=400-q=200-d=0.25.2	Optimal	-I	5.0962	1048.8	0.024996	1128.3	9.9507e-05	400	847	1650	867
p-n=50-e=400-q=200-d=0.25.2	Optimal	-L	5.0212	1048.8	0.020997	1128.3	9.9239e-05	400	847	1250	1103
p-n=50-e=400-q=200-d=0.25.2	Optimal	-P	5.6222	1048.8	0.007999	1191	0	400	497	900	1660
p-n=50-e=400-q=200-d=0.25.2	Optimal	-S	18.604	1048.8	0.022997	1196.1	9.4824e-05	400	847	1650	1515
p-n=50-e=400-q=200-d=0.25.3	Optimal	-F	4.5223	1113.6	0.002999	1257	0	400	495	850	1110
p-n=50-e=400-q=200-d=0.25.3	Optimal	-I	2.5406	1113.6	0.016998	1192.5	9.8914e-05	400	845	1650	470
p-n=50-e=400-q=200-d=0.25.3	Optimal	-L	2.3716	1113.6	0.018997	1192.5	9.5099e-05	400	845	1250	532
p-n=50-e=400-q=200-d=0.25.3	Optimal	-P	4.5113	1113.6	0.003999	1257	0	400	495	900	1641
p-n=50-e=400-q=200-d=0.25.3	Optimal	-S	13.989	1113.6	0.023996	1265.1	6.1067e-05	400	845	1650	1282
p-n=50-e=400-q=200-d=0.25.4	Optimal	-F	6.0501	1148.4	0.003999	1321.6	0	400	496	850	1137
p-n=50-e=400-q=200-d=0.25.4	Optimal	-I	15.883	1148.4	0.019997	1245.9	1.9799e-16	400	846	1650	1952
p-n=50-e=400-q=200-d=0.25.4	Optimal	-L	12.148	1148.4	0.016997	1245.9	0	400	846	1250	1610
p-n=50-e=400-q=200-d=0.25.4	Optimal	-P	5.2752	1148.4	0.008999	1321.6	0	400	496	900	1180
p-n=50-e=400-q=200-d=0.25.4	Optimal	-S	29.224	1148.4	0.021997	1337.3	8.6978e-05	400	846	1650	4041
p-n=50-e=400-q=200-d=0.25.5	Optimal	-F	5.0242	1241.5	0.002999	1343.3	-1.8314e-16	400	496	850	1040
p-n=50-e=400-q=200-d=0.25.5	Optimal	-I	1.9037	1241.5	0.016997	1275.5	9.8899e-05	400	846	1650	364
p-n=50-e=400-q=200-d=0.25.5	Optimal	-L	0.89486	1241.5	0.016998	1275.5	7.318e-05	400	846	1250	99
p-n=50-e=400-q=200-d=0.25.5	Optimal	-P	2.1277	1241.5	0.005999	1343.3	8.4268e-05	400	496	900	1253
p-n=50-e=400-q=200-d=0.25.5	Optimal	-S	15.337	1241.5	0.022996	1333.2	5.944e-05	400	846	1650	1206
p-n=50-e=400-q=200-d=0.25.6	Optimal	-F	2.6776	1121	0.002	1239.8	9.7846e-05	400	496	850	2330
p-n=50-e=400-q=200-d=0.25.6	Optimal	-I	1.1148	1121	0.017997	1176.7	3.0967e-05	400	846	1650	49
p-n=50-e=400-q=200-d=0.25.6	Optimal	-L	0.90386	1121	0.014998	1176.7	0	400	846	1250	25
p-n=50-e=400-q=200-d=0.25.6	Optimal	-P	3.4065	1121	0.007999	1239.8	9.1401e-05	400	496	900	2669
p-n=50-e=400-q=200-d=0.25.6	Optimal	-S	12.278	1121	0.024996	1234.7	0	400	846	1650	1016
p-n=50-e=400-q=200-d=0.25.7	Optimal	-F	5.7131	1129.8	0.003999	1256.5	7.61e-06	400	498	850	1100
p-n=50-e=400-q=200-d=0.25.7	Optimal	-I	11.236	1129.8	0.019997	1211	9.1304e-05	400	848	1650	2897
p-n=50-e=400-q=200-d=0.25.7	Optimal	-L	8.6727	1129.8	0.020997	1211	0	400	848	1250	1586
p-n=50-e=400-q=200-d=0.25.7	Optimal	-P	6.1611	1129.8	0.007999	1256.5	5.4061e-05	400	498	900	1579
p-n=50-e=400-q=200-d=0.25.7	Optimal	-S	33.036	1129.8	0.026996	1270.3	9.9222e-05	400	848	1650	4421
p-n=50-e=400-q=200-d=0.25.8	Optimal	-F	7.0199	1028.7	0.004999	1184.1	0	400	497	850	1139
p-n=50-e=400-q=200-d=0.25.8	Optimal	-I	4.2264	1028.7	0.018997	1117.9	4.4773e-05	400	847	1650	716
p-n=50-e=400-q=200-d=0.25.8	Optimal	-L	3.2385	1028.7	0.016998	1117.9	5.9664e-05	400	847	1250	766
p-n=50-e=400-q=200-d=0.25.8	Optimal	-P	6.419	1028.7	0.006999	1184.1	7.8222e-05	400	497	900	1274
p-n=50-e=400-q=200-d=0.25.8	Optimal	-S	25.434	1028.7	0.022996	1177	7.9345e-05	400	847	1650	2166
p-n=50-e=400-q=200-d=0.25.9	Optimal	-F	2.7496	1150.2	0.003999	1260.2	6.5221e-05	400	499	850	1014
p-n=50-e=400-q=200-d=0.25.9	Optimal	-I	0.80788	1150.2	0.017997	1194.2	8.3525e-06	400	849	1650	32
p-n=50-e=400-q=200-d=0.25.9	Optimal	-L	0.54292	1150.2	0.015998	1194.2	3.7014e-06	400	849	1250	37
p-n=50-e=400-q=200-d=0.25.9	Optimal	-P	3.3345	1150.2	0.007999	1260.2	7.2471e-05	400	499	900	1915
p-n=50-e=400-q=200-d=0.25.9	Optimal	-S	21.471	1150.2	0.032995	1248.9	1.9769e-16	400	849	1650	1911
p-n=50-e=400-q=200-d=0.25.10	Optimal	-F	7.2679	1049.8	0.004	1208.1	0	400	496	850	1315
p-n=50-e=400-q=200-d=0.25.10	Optimal	-I	6.877	1049.8	0.021997	1148.7	6.6803e-05	400	846	1650	1029
p-n=50-e=400-q=200-d=0.25.10	Optimal	-L	6.761	1049.8	0.015998	1148.7	8.1485e-05	400	846	1250	1356
p-n=50-e=400-q=200-d=0.25.10	Optimal	-P	7.1599	1049.8	0.009999	1208.1	9.7553e-05	400	496	900	969
p-n=50-e=400-q=200-d=0.25.10	Optimal	-S	39.006	1049.8	0.023996	1212.9	9.9251e-05	400	846	1650	4251
p-n=50-e=400-q=200-d=0.25.11	Optimal	-F	4.4793	1097	0.004	1239.5	0	400	498	850	647
p-n=50-e=400-q=200-d=0.25.11	Optimal	-I	5.1512	1097	0.019997	1183.2	1.6196e-05	400	848	1650	821
p-n=50-e=400-q=200-d=0.25.11	Optimal	-L	5.4142	1097	0.015997	1183.2	6.9097e-05	400	848	1250	1189
p-n=50-e=400-q=200-d=0.25.11	Optimal	-P	6.2121	1097	0.006999	1239.5	0	400	498	900	1381
p-n=50-e=400-q=200-d=0.25.11	Optimal	-S	29.59	1097	0.021997	1234.6	9.9719e-05	400	848	1650	4317
p-n=50-e=400-q=200-d=0.25.12	Optimal	-F	7.1839	1141.1	0.003	1268.7	0	400	494	850	996
p-n=50-e=400-q=200-d=0.25.12	Optimal	-I	2.5676	1141.1	0.023997	1205.6	4.1237e-05	400	844	1650	320
p-n=50-e=400-q=200-d=0.25.12	Optimal	-L	2.8526	1141.1	0.017997	1205.6	9.4045e-05	400	844	1250	711
p-n=50-e=400-q=200-d=0.25.12	Optimal	-P	3.8534	1141.1	0.006999	1268.7	8.3809e-05	400	494	900	2765
p-n=50-e=400-q=200-d=0.25.12	Optimal	-S	15.514	1141.1	0.022996	1265.5	8.2512e-05	400	844	1650	979
p-n=50-e=400-q=200-d=0.25.13	Optimal	-F	0.95286	1167.3	0.003999	1278.7	0	400	495	850	584
p-n=50-e=400-q=200-d=0.25.13	Optimal	-I	0.74489	1167.3	0.018997	1212.9	6.2575e-06	400	845	1650	50
p-n=50-e=400-q=200-d=0.25.13	Optimal	-L	0.61991	1167.3	0.016997	1212.9	0	400	845	1250	50
p-n=50-e=400-q=200-d=0.25.13	Optimal	-P	1.1198	1167.3	0.006999	1278.7	8.2504e-05	400	495	900	649
p-n=50-e=400-q=200-d=0.25.13	Optimal	-S	5.1082	1167.3	0.027996	1279.8	9.818e-05	400	845	1650	780
p-n=50-e=400-q=200-d=0.25.14	Optimal	-F	6.391	1099.2	0.003999	1243	2.3182e-05	400	499	850	1353
p-n=50-e=400-q=200-d=0.25.14	Optimal	-I	7.9068	1099.2	0.023996	1171.3	6.5226e-05	400	849	1650	1666
p-n=50-e=400-q=200-d=0.25.14	Optimal	-L	6.328	1099.2	0.017997	1171.3	9.9097e-05	400	849	1250	1983
p-n=50-e=400-q=200-d=0.25.14	Optimal	-P	6.339	1099.2	0.007999	1243	9.0239e-05	400	499	900	1754
p-n=50-e=400-q=200-d=0.25.14	Optimal	-S	27.592	1099.2	0.023996	1241.1	9.8012e-05	400	849	1650	4021
p-n=50-e=400-q=200-d=0.25.15	Optimal	-F	4.8573	1222.7	0.004	1375.4	0	400	499	850	912
p-n=50-e=400-q=200-d=0.25.15	Optimal	-I	1.4988	1222.7	0.022996	1281.6	0	400	849	1650	133
p-n=50-e=400-q=200-d=0.25.15	Optimal	-L	1.0568	1222.7	0.019997	1281.6	0	400	849	1250	100
p-n=50-e=400-q=200-d=0.25.15	Optimal	-P	2.7726	1222.7	0.006999	1375.4	7.291e-05	400	499	900	1736
p-n=50-e=400-q=200-d=0.25.15	Optimal	-S	15.639	1222.7	0.023997	1363.1	0	400	849	1650	1218

All Instances - Part 2

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=50-e=400-q=200-d=0.25.16	Optimal	-F	1.7847	1004.7	0.003	1119.1	9.6809e-05	400	495	850	1351
p-n=50-e=400-q=200-d=0.25.16	Optimal	-I	1.2208	1004.7	0.019997	1049	9.6585e-05	400	845	1650	69
p-n=50-e=400-q=200-d=0.25.16	Optimal	-L	0.79688	1004.7	0.012998	1049	3.8009e-05	400	845	1250	87
p-n=50-e=400-q=200-d=0.25.16	Optimal	-P	1.0358	1004.7	0.006999	1119.1	0	400	495	900	432
p-n=50-e=400-q=200-d=0.25.16	Optimal	-S	5.2162	1004.7	0.023997	1114.8	4.2084e-05	400	845	1650	1106
p-n=50-e=400-q=200-d=0.25.17	Optimal	-F	7.1539	948.02	0.004999	1085.9	9.4356e-05	400	495	850	942
p-n=50-e=400-q=200-d=0.25.17	Optimal	-I	16.288	948.02	0.025996	1028.3	8.5345e-05	400	845	1650	1614
p-n=50-e=400-q=200-d=0.25.17	Optimal	-L	12.174	948.02	0.017997	1028.3	4.7052e-05	400	845	1250	971
p-n=50-e=400-q=200-d=0.25.17	Optimal	-P	6.782	948.02	0.007998	1085.9	9.7877e-05	400	495	900	1570
p-n=50-e=400-q=200-d=0.25.17	Optimal	-S	49.915	948.02	0.028995	1097.8	9.6057e-05	400	845	1650	7483
p-n=50-e=400-q=200-d=0.25.18	Optimal	-F	4.3403	1088	0.002999	1197.7	2.4825e-05	400	497	850	1012
p-n=50-e=400-q=200-d=0.25.18	Optimal	-I	1.2418	1088	0.014997	1129.9	9.3598e-05	400	847	1650	113
p-n=50-e=400-q=200-d=0.25.18	Optimal	-L	0.95586	1088	0.016997	1129.9	0	400	847	1250	105
p-n=50-e=400-q=200-d=0.25.18	Optimal	-P	3.3595	1088	0.005999	1197.7	9.989e-05	400	497	900	2331
p-n=50-e=400-q=200-d=0.25.18	Optimal	-S	10.882	1088	0.027996	1190.8	0	400	847	1650	522
p-n=50-e=400-q=200-d=0.25.19	Optimal	-F	6.382	1107	0.003	1258	6.382e-05	400	494	850	1644
p-n=50-e=400-q=200-d=0.25.19	Optimal	-I	9.5426	1107	0.017997	1178.5	8.1688e-05	400	844	1650	1723
p-n=50-e=400-q=200-d=0.25.19	Optimal	-L	7.2929	1107	0.013998	1178.5	8.522e-05	400	844	1250	1811
p-n=50-e=400-q=200-d=0.25.19	Optimal	-P	5.9371	1107	0.006999	1258	0	400	494	900	1253
p-n=50-e=400-q=200-d=0.25.19	Optimal	-S	46.995	1107	0.027996	1256	9.8962e-05	400	844	1650	5705
p-n=100-e=800-q=200-d=0.25.0	Optimal	-F	40.383	2215.1	0.006999	2463.9	9.9716e-05	800	989	1700	7785
p-n=100-e=800-q=200-d=0.25.0	Optimal	-I	45.603	2215.1	0.053991	2334.4	9.5257e-05	800	1689	3300	2196
p-n=100-e=800-q=200-d=0.25.0	Optimal	-L	25.544	2215.1	0.052992	2334.4	9.2722e-05	800	1689	2500	1162
p-n=100-e=800-q=200-d=0.25.0	Optimal	-P	37.551	2215.1	0.017997	2463.9	9.9411e-05	800	989	1800	8966
p-n=100-e=800-q=200-d=0.25.0	Optimal	-S	1201.5	2215.1	0.072989	2448.8	9.9808e-05	800	1689	3300	100524
p-n=100-e=800-q=200-d=0.25.1	Optimal	-F	2304.5	2141.4	0.011998	2535.2	9.9994e-05	800	986	1700	658867
p-n=100-e=800-q=200-d=0.25.1	Optimal	-I	785.81	2141.4	0.059991	2400	9.9987e-05	800	1686	3300	47975
p-n=100-e=800-q=200-d=0.25.1	Optimal	-L	456.41	2141.4	0.06599	2400	9.9362e-05	800	1686	2500	41279
p-n=100-e=800-q=200-d=0.25.1	Optimal	-P	1627.5	2141.4	0.018997	2535.2	9.9957e-05	800	986	1800	405272
p-n=100-e=800-q=200-d=0.25.1	Feasible	-S	3600	2141.4	0.090986	2521.3	0.0391	800	1686	3300	238819
p-n=100-e=800-q=200-d=0.25.2	Optimal	-F	23.37	2097.3	0.009999	2363.8	9.7782e-05	800	992	1700	3548
p-n=100-e=800-q=200-d=0.25.2	Optimal	-I	40.155	2097.3	0.06199	2215.9	8.9732e-05	800	1692	3300	1406
p-n=100-e=800-q=200-d=0.25.2	Optimal	-L	27.467	2097.3	0.045993	2215.9	9.3825e-05	800	1692	2500	1708
p-n=100-e=800-q=200-d=0.25.2	Optimal	-P	21.258	2097.3	0.017997	2363.8	9.1395e-05	800	992	1800	2635
p-n=100-e=800-q=200-d=0.25.2	Optimal	-S	299.31	2097.3	0.06299	2354.6	9.8967e-05	800	1692	3300	26947
p-n=100-e=800-q=200-d=0.25.3	Optimal	-F	30.9	2116	0.008998	2400.7	8.4722e-05	800	994	1700	3647
p-n=100-e=800-q=200-d=0.25.3	Optimal	-I	38.624	2116	0.050993	2266.9	6.7621e-05	800	1694	3300	1500
p-n=100-e=800-q=200-d=0.25.3	Optimal	-L	23.194	2116	0.048993	2266.9	8.1613e-05	800	1694	2500	729
p-n=100-e=800-q=200-d=0.25.3	Optimal	-P	48.526	2116	0.018997	2400.7	9.9119e-05	800	994	1800	7673
p-n=100-e=800-q=200-d=0.25.3	Optimal	-S	2954.8	2116	0.06699	2398.2	9.9941e-05	800	1694	3300	248479
p-n=100-e=800-q=200-d=0.25.4	Optimal	-F	157.46	2156.4	0.010998	2428.9	9.9643e-05	800	990	1700	25775
p-n=100-e=800-q=200-d=0.25.4	Optimal	-I	79.224	2156.4	0.048992	2319.8	9.7238e-05	800	1690	3300	4990
p-n=100-e=800-q=200-d=0.25.4	Optimal	-L	86.911	2156.4	0.048992	2319.8	9.8759e-05	800	1690	2500	6444
p-n=100-e=800-q=200-d=0.25.4	Optimal	-P	147.17	2156.4	0.019997	2428.9	9.9969e-05	800	990	1800	33039
p-n=100-e=800-q=200-d=0.25.4	Feasible	-S	3600	2156.4	0.072989	2418.3	0.0098405	800	1690	3300	353497
p-n=100-e=800-q=200-d=0.25.5	Optimal	-F	31.008	2292.6	0.007999	2604.4	9.7419e-05	800	991	1700	3064
p-n=100-e=800-q=200-d=0.25.5	Optimal	-I	43.068	2292.6	0.051992	2450.7	9.8697e-05	800	1691	3300	1411
p-n=100-e=800-q=200-d=0.25.5	Optimal	-L	30.496	2292.6	0.045993	2450.7	0	800	1691	2500	1300
p-n=100-e=800-q=200-d=0.25.5	Optimal	-P	23.883	2292.6	0.020997	2604.4	9.8085e-05	800	991	1800	3089
p-n=100-e=800-q=200-d=0.25.5	Optimal	-S	2475.3	2292.6	0.062991	2570.2	9.9995e-05	800	1691	3300	170650
p-n=100-e=800-q=200-d=0.25.6	Optimal	-F	45.738	2138.6	0.009999	2404.8	9.7244e-05	800	993	1700	9280
p-n=100-e=800-q=200-d=0.25.6	Optimal	-I	55.124	2138.6	0.06699	2271.4	9.7769e-05	800	1693	3300	3076
p-n=100-e=800-q=200-d=0.25.6	Optimal	-L	29.995	2138.6	0.042993	2271.4	9.0116e-05	800	1693	2500	2027
p-n=100-e=800-q=200-d=0.25.6	Optimal	-P	43.466	2138.6	0.016997	2404.8	9.9417e-05	800	993	1800	10084
p-n=100-e=800-q=200-d=0.25.6	Feasible	-S	3600	2138.6	0.059991	2393.3	0.0027377	800	1693	3300	352830
p-n=100-e=800-q=200-d=0.25.7	Optimal	-F	136.05	2135.8	0.008999	2447.9	9.9594e-05	800	996	1700	40047
p-n=100-e=800-q=200-d=0.25.7	Optimal	-I	120.95	2135.8	0.06499	2317.3	9.9661e-05	800	1696	3300	7834
p-n=100-e=800-q=200-d=0.25.7	Optimal	-L	76.954	2135.8	0.047993	2317.3	9.8208e-05	800	1696	2500	5665
p-n=100-e=800-q=200-d=0.25.7	Optimal	-P	151.34	2135.8	0.017998	2447.9	9.979e-05	800	996	1800	37883
p-n=100-e=800-q=200-d=0.25.7	Feasible	-S	3600	2135.8	0.079988	2439.9	0.010426	800	1696	3300	265493
p-n=100-e=800-q=200-d=0.25.8	Optimal	-F	46.386	2042.5	0.006999	2344.6	9.9781e-05	800	992	1700	10256
p-n=100-e=800-q=200-d=0.25.8	Optimal	-I	50.024	2042.5	0.06499	2199.1	9.6885e-05	800	1692	3300	2184
p-n=100-e=800-q=200-d=0.25.8	Optimal	-L	44.234	2042.5	0.048992	2199.1	9.4758e-05	800	1692	2500	2821
p-n=100-e=800-q=200-d=0.25.8	Optimal	-P	87.592	2042.5	0.017998	2344.6	9.8341e-05	800	992	1800	16845
p-n=100-e=800-q=200-d=0.25.8	Feasible	-S	3600	2042.5	0.052992	2343.3	0.0046019	800	1692	3300	330430
p-n=100-e=800-q=200-d=0.25.9	Optimal	-F	710.2	2027.5	0.007998	2364.1	9.9994e-05	800	994	1700	181127
p-n=100-e=800-q=200-d=0.25.9	Optimal	-I	503.19	2027.5	0.059991	2242.5	9.9169e-05	800	1694	3300	46017
p-n=100-e=800-q=200-d=0.25.9	Optimal	-L	514.25	2027.5	0.036994	2242.5	9.9915e-05	800	1694	2500	71074
p-n=100-e=800-q=200-d=0.25.9	Optimal	-P	953.69	2027.5	0.019997	2364.1	9.9986e-05	800	994	1800	323623
p-n=100-e=800-q=200-d=0.25.9	Feasible	-S	3600	2027.5	0.06899	2384	0.032505	800	1694	3300	284602
p-n=100-e=800-q=200-d=0.25.10	Optimal	-F	11.769	2182.8	0.009999	2418.8	0	800	991	1700	736
p-n=100-e=800-q=200-d=0.25.10	Optimal	-I	15.851	2182.8	0.051992	2307.6	9.7595e-05	800	1691	3300	1758
p-n=100-e=800-q=200-d=0.25.10	Optimal	-L	21.833	2182.8	0.044993	2307.6	0	800	1691	2500	2011
p-n=100-e=800-q=200-d=0.25.10	Optimal	-P	15.896	2182.8	0.015997	2418.8	9.4107e-05	800	991	1800	2716
p-n=100-e=800-q=200-d=0.25.10	Optimal	-S	140.62	2182.8	0.085986	2403.1	9.8643e-05	800	1691	3300	11457
p-n=100-e=800-q=200-d=0.25.11	Optimal	-F	160.89	2257	0.009999	2599.7	9.9546e-05	800	988	1700	29133
p-n=100-e=800-q=200-d=0.25.11	Optimal	-I	66.651	2257	0.074989	2453.5	9.0479e-05	800	1688	3300	2283
p-n=100-e=800-q=200-d=0.25.11	Optimal	-L	62.316	2257	0.057992	2453.5	9.8983e-05	800	1688	2500	2940
p-n=100-e=800-q=200-d=0.25.11	Optimal	-P	155.43	2257	0.024996	2599.7	9.9823e-05	800	988	1800	27782
p-n=100-e=800-q=200-d=0.25.11	Feasible	-S	3600	2257	0.06699	2597.1	0.005003	800	1688	3300	282479

All Instances - Part 3

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=100-e=800-q=200-d=0.25.12	Optimal	-F	14.056	2209.3	0.007998	2434.6	2.0583e-16	800	993	1700	1167
p-n=100-e=800-q=200-d=0.25.12	Optimal	-I	20.606	2209.3	0.07099	2324.7	9.9602e-05	800	1693	3300	2610
p-n=100-e=800-q=200-d=0.25.12	Optimal	-L	19.101	2209.3	0.052992	2324.7	9.8838e-05	800	1693	2500	3134
p-n=100-e=800-q=200-d=0.25.12	Optimal	-P	15.295	2209.3	0.023997	2434.6	9.8563e-05	800	993	1800	1564
p-n=100-e=800-q=200-d=0.25.12	Optimal	-S	109.55	2209.3	0.058991	2422.3	9.967e-05	800	1693	3300	10314
p-n=100-e=800-q=200-d=0.25.13	Optimal	-F	65.027	2076.6	0.008999	2361.1	9.9489e-05	800	992	1700	11079
p-n=100-e=800-q=200-d=0.25.13	Optimal	-I	96.088	2076.6	0.040994	2237.2	9.9176e-05	800	1692	3300	6504
p-n=100-e=800-q=200-d=0.25.13	Optimal	-L	44.785	2076.6	0.039994	2237.2	9.9696e-05	800	1692	2500	3306
p-n=100-e=800-q=200-d=0.25.13	Optimal	-P	106.91	2076.6	0.015998	2361.1	9.9432e-05	800	992	1800	25900
p-n=100-e=800-q=200-d=0.25.13	Feasible	-S	3600	2076.6	0.06599	2355.4	0.00058065	800	1692	3300	344101
p-n=100-e=800-q=200-d=0.25.14	Optimal	-F	41.6	2030.3	0.009998	2306.8	9.1111e-05	800	992	1700	7007
p-n=100-e=800-q=200-d=0.25.14	Optimal	-I	47.948	2030.3	0.052992	2177.2	2.8371e-05	800	1692	3300	2396
p-n=100-e=800-q=200-d=0.25.14	Optimal	-L	34.01	2030.3	0.042993	2177.2	0	800	1692	2500	2339
p-n=100-e=800-q=200-d=0.25.14	Optimal	-P	36.306	2030.3	0.019997	2306.8	9.7335e-05	800	992	1800	7129
p-n=100-e=800-q=200-d=0.25.14	Optimal	-S	2706.7	2030.3	0.075989	2295.1	9.9971e-05	800	1692	3300	290484
p-n=100-e=800-q=200-d=0.25.15	Optimal	-F	201.36	2144.9	0.008999	2457.7	9.9882e-05	800	990	1700	43733
p-n=100-e=800-q=200-d=0.25.15	Optimal	-I	239.59	2144.9	0.055992	2339.9	9.9825e-05	800	1690	3300	18195
p-n=100-e=800-q=200-d=0.25.15	Optimal	-L	131.65	2144.9	0.050993	2339.9	9.943e-05	800	1690	2500	14538
p-n=100-e=800-q=200-d=0.25.15	Optimal	-P	374.01	2144.9	0.019997	2457.7	9.9952e-05	800	990	1800	112005
p-n=100-e=800-q=200-d=0.25.15	Feasible	-S	3600	2144.9	0.086986	2457.6	0.017448	800	1690	3300	264364
p-n=100-e=800-q=200-d=0.25.16	Optimal	-F	100.06	2054.2	0.010999	2348.6	9.5635e-05	800	989	1700	17327
p-n=100-e=800-q=200-d=0.25.16	Optimal	-I	75.001	2054.2	0.053992	2216.6	9.9572e-05	800	1689	3300	3153
p-n=100-e=800-q=200-d=0.25.16	Optimal	-L	43.997	2054.2	0.043994	2216.6	9.239e-05	800	1689	2500	2680
p-n=100-e=800-q=200-d=0.25.16	Optimal	-P	129.07	2054.2	0.019997	2348.6	9.9717e-05	800	989	1800	26635
p-n=100-e=800-q=200-d=0.25.16	Optimal	-S	3206.7	2054.2	0.079988	2350.9	9.9871e-05	800	1689	3300	199758
p-n=100-e=800-q=200-d=0.25.17	Optimal	-F	58.21	2125.9	0.007998	2409.9	9.9913e-05	800	990	1700	12678
p-n=100-e=800-q=200-d=0.25.17	Optimal	-I	104.91	2125.9	0.055992	2298.2	0.0001	800	1690	3300	6036
p-n=100-e=800-q=200-d=0.25.17	Optimal	-L	68.45	2125.9	0.053992	2298.2	9.849e-05	800	1690	2500	5280
p-n=100-e=800-q=200-d=0.25.17	Optimal	-P	103.39	2125.9	0.018997	2409.9	9.9989e-05	800	990	1800	27763
p-n=100-e=800-q=200-d=0.25.17	Feasible	-S	3600	2125.9	0.059991	2427.2	0.0054592	800	1690	3300	313921
p-n=100-e=800-q=200-d=0.25.18	Optimal	-F	77.004	2041.2	0.007999	2337	9.9701e-05	800	989	1700	11438
p-n=100-e=800-q=200-d=0.25.18	Optimal	-I	72.062	2041.2	0.053992	2198.3	9.8114e-05	800	1689	3300	3800
p-n=100-e=800-q=200-d=0.25.18	Optimal	-L	48.981	2041.2	0.048993	2198.3	9.4893e-05	800	1689	2500	3563
p-n=100-e=800-q=200-d=0.25.18	Optimal	-P	59.905	2041.2	0.016997	2337	9.8984e-05	800	989	1800	12622
p-n=100-e=800-q=200-d=0.25.18	Optimal	-S	2521.1	2041.2	0.063991	2316.1	9.9991e-05	800	1689	3300	222224
p-n=100-e=800-q=200-d=0.25.19	Optimal	-F	50.079	2211.9	0.010999	2479.4	9.9158e-05	800	994	1700	8000
p-n=100-e=800-q=200-d=0.25.19	Optimal	-I	41.46	2211.9	0.073988	2328.7	7.7702e-05	800	1694	3300	1592
p-n=100-e=800-q=200-d=0.25.19	Optimal	-L	26.985	2211.9	0.048993	2328.7	9.7688e-05	800	1694	2500	1086
p-n=100-e=800-q=200-d=0.25.19	Optimal	-P	74.086	2211.9	0.017997	2479.4	9.9945e-05	800	994	1800	14999
p-n=100-e=800-q=200-d=0.25.19	Optimal	-S	2125.8	2211.9	0.076988	2477	9.9947e-05	800	1694	3300	179767
p-n=150-e=1200-q=200-d=0.25.0	Optimal	-F	1034.1	3157.7	0.011998	3662.8	9.9969e-05	1200	1481	2550	164209
p-n=150-e=1200-q=200-d=0.25.0	Optimal	-I	621.95	3157.7	0.098985	3464.4	9.9836e-05	1200	2531	4950	27650
p-n=150-e=1200-q=200-d=0.25.0	Optimal	-L	767.73	3157.7	0.076988	3464.4	9.995e-05	1200	2531	3750	49968
p-n=150-e=1200-q=200-d=0.25.0	Optimal	-P	2667.4	3157.7	0.029995	3662.8	9.999e-05	1200	1481	2700	506790
p-n=150-e=1200-q=200-d=0.25.0	Feasible	-S	3600	3157.7	0.12098	3657.3	0.028869	1200	2531	4950	159360
p-n=150-e=1200-q=200-d=0.25.1	Optimal	-F	81.703	3309.4	0.013998	3722.8	9.9318e-05	1200	1491	2550	7468
p-n=150-e=1200-q=200-d=0.25.1	Optimal	-I	95.374	3309.4	0.095985	3530.4	9.8785e-05	1200	2541	4950	2642
p-n=150-e=1200-q=200-d=0.25.1	Optimal	-L	89.748	3309.4	0.099985	3530.4	9.8827e-05	1200	2541	3750	5783
p-n=150-e=1200-q=200-d=0.25.1	Optimal	-P	202.38	3309.4	0.026996	3722.8	9.9944e-05	1200	1491	2700	28498
p-n=150-e=1200-q=200-d=0.25.1	Feasible	-S	3600	3309.4	0.12098	3708.2	0.0092413	1200	2541	4950	154228
p-n=150-e=1200-q=200-d=0.25.2	Optimal	-F	171.94	3087.6	0.010999	3504.3	9.9956e-05	1200	1492	2550	22009
p-n=150-e=1200-q=200-d=0.25.2	Optimal	-I	179.85	3087.6	0.10099	3336.9	9.9779e-05	1200	2542	4950	8084
p-n=150-e=1200-q=200-d=0.25.2	Optimal	-L	179.71	3087.6	0.088987	3336.9	9.991e-05	1200	2542	3750	10439
p-n=150-e=1200-q=200-d=0.25.2	Optimal	-P	454.8	3087.6	0.030996	3504.3	9.9991e-05	1200	1492	2700	81704
p-n=150-e=1200-q=200-d=0.25.2	Feasible	-S	3600	3087.6	0.11198	3507	0.016437	1200	2542	4950	167501
p-n=150-e=1200-q=200-d=0.25.3	Optimal	-F	256.71	3342.9	0.015998	3777.8	9.9956e-05	1200	1488	2550	29040
p-n=150-e=1200-q=200-d=0.25.3	Optimal	-I	234.58	3342.9	0.089986	3619.6	9.9413e-05	1200	2538	4950	11188
p-n=150-e=1200-q=200-d=0.25.3	Optimal	-L	165.11	3342.9	0.06499	3619.6	9.7954e-05	1200	2538	3750	10058
p-n=150-e=1200-q=200-d=0.25.3	Optimal	-P	458.33	3342.9	0.024997	3777.8	9.9708e-05	1200	1488	2700	100508
p-n=150-e=1200-q=200-d=0.25.3	Feasible	-S	3600	3340.5	0.086986	3800.8	0.023496	1200	2538	4950	145515
p-n=150-e=1200-q=200-d=0.25.4	Optimal	-F	231.2	3223.5	0.011998	3649.4	9.9985e-05	1200	1484	2550	27284
p-n=150-e=1200-q=200-d=0.25.4	Optimal	-I	137.4	3223.5	0.082987	3455	9.8984e-05	1200	2534	4950	5442
p-n=150-e=1200-q=200-d=0.25.4	Optimal	-L	98.902	3223.5	0.082988	3455	9.8369e-05	1200	2534	3750	6632
p-n=150-e=1200-q=200-d=0.25.4	Optimal	-P	1028.5	3223.5	0.029996	3649.4	9.9876e-05	1200	1484	2700	208770
p-n=150-e=1200-q=200-d=0.25.4	Feasible	-S	3600	3223.5	0.10998	3656.8	0.018862	1200	2534	4950	173237
p-n=150-e=1200-q=200-d=0.25.5	Optimal	-F	391.28	3173.5	0.014997	3599.3	9.9995e-05	1200	1487	2550	56950
p-n=150-e=1200-q=200-d=0.25.5	Optimal	-I	186.55	3173.5	0.11198	3402.8	9.8369e-05	1200	2537	4950	8699
p-n=150-e=1200-q=200-d=0.25.5	Optimal	-L	259.05	3173.5	0.085987	3402.8	9.9486e-05	1200	2537	3750	15526
p-n=150-e=1200-q=200-d=0.25.5	Optimal	-P	1359	3173.5	0.029995	3599.3	9.9988e-05	1200	1487	2700	299348
p-n=150-e=1200-q=200-d=0.25.5	Feasible	-S	3600	3173.5	0.11598	3591.1	0.021801	1200	2537	4950	166687
p-n=150-e=1200-q=200-d=0.25.6	Optimal	-F	1209.4	3130.7	0.011998	3663.8	9.9994e-05	1200	1476	2550	137432
p-n=150-e=1200-q=200-d=0.25.6	Optimal	-I	1281.8	3130.7	0.14498	3464.9	9.9862e-05	1200	2526	4950	48142
p-n=150-e=1200-q=200-d=0.25.6	Optimal	-L	511.74	3130.7	0.10099	3464.9	9.9912e-05	1200	2526	3750	36005
p-n=150-e=1200-q=200-d=0.25.6	Optimal	-P	1956.4	3130.7	0.034994	3663.8	9.9993e-05	1200	1476	2700	295172
p-n=150-e=1200-q=200-d=0.25.6	Feasible	-S	3600	3130.7	0.081988	3658.2	0.037202	1200	2526	4950	115258
p-n=150-e=1200-q=200-d=0.25.7	Feasible	-F	3600	3216.1	0.017998	3686	0.0044945	1200	1485	2550	513131
p-n=150-e=1200-q=200-d=0.25.7	Optimal	-I	1993.3	3216.1	0.10998	3487.5	9.9998e-05	1200	2535	4950	126264
p-n=150-e=1200-q=200-d=0.25.7	Optimal	-L	1335.5	3216.1	0.11098	3487.5	9.9936e-05	1200	2535	3750	103007
p-n=150-e=1200-q=200-d=0.25.7	Feasible	-P	3600	3216.1	0.030996	3686	0.010318	1200	1485	2700	883536
p-n=150-e=1200-q=200-d=0.25.7	Feasible	-S	3600	3216.1	0.11698	3658.7	0.033609	1200	2535	4950	142008

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=150-e=1200-q=200-d=0.25.8	Optimal	-F	1937.1	3303.9	0.013998	3774.1	9.9993e-05	1200	1487	2550	272101
p-n=150-e=1200-q=200-d=0.25.8	Optimal	-I	671.63	3303.9	0.099985	3595.7	9.9611e-05	1200	2537	4950	32564
p-n=150-e=1200-q=200-d=0.25.8	Optimal	-L	537.2	3303.9	0.072989	3595.7	9.9927e-05	1200	2537	3750	35433
p-n=150-e=1200-q=200-d=0.25.8	Optimal	-P	2130.3	3303.9	0.036995	3774.1	9.9978e-05	1200	1487	2700	402495
p-n=150-e=1200-q=200-d=0.25.8	Feasible	-S	3600	3303.9	0.10498	3781.5	0.022664	1200	2537	4950	140804
p-n=150-e=1200-q=200-d=0.25.9	Optimal	-F	344.78	3384	0.011998	3834.5	9.9698e-05	1200	1486	2550	45532
p-n=150-e=1200-q=200-d=0.25.9	Optimal	-I	396.92	3384	0.088987	3654.4	9.9061e-05	1200	2536	4950	17754
p-n=150-e=1200-q=200-d=0.25.9	Optimal	-L	178.17	3384	0.080988	3654.4	9.9084e-05	1200	2536	3750	12927
p-n=150-e=1200-q=200-d=0.25.9	Optimal	-P	1054.2	3384	0.029996	3834.5	9.9995e-05	1200	1486	2700	196059
p-n=150-e=1200-q=200-d=0.25.9	Feasible	-S	3600	3384	0.13298	3814.7	0.021393	1200	2536	4950	154147
p-n=150-e=1200-q=200-d=0.25.10	Feasible	-F	3600	3103	0.011998	3627.5	0.011543	1200	1486	2550	491681
p-n=150-e=1200-q=200-d=0.25.10	Feasible	-I	3600	3103	0.13598	3428.4	0.0085552	1200	2536	4950	143980
p-n=150-e=1200-q=200-d=0.25.10	Feasible	-L	3600	3103	0.090986	3428.4	0.0051998	1200	2536	3750	289046
p-n=150-e=1200-q=200-d=0.25.10	Feasible	-P	3600	3103	0.027996	3627.5	0.01768	1200	1486	2700	605887
p-n=150-e=1200-q=200-d=0.25.10	Feasible	-S	3600	3101.2	0.082988	3612.5	0.04831	1200	2536	4950	169864
p-n=150-e=1200-q=200-d=0.25.11	Optimal	-F	1740.9	3132.7	0.014997	3606.4	9.9998e-05	1200	1489	2550	254649
p-n=150-e=1200-q=200-d=0.25.11	Optimal	-I	244.3	3132.7	0.10598	3415.7	9.8238e-05	1200	2539	4950	8143
p-n=150-e=1200-q=200-d=0.25.11	Optimal	-L	303.6	3132.7	0.093986	3415.7	9.9509e-05	1200	2539	3750	17184
p-n=150-e=1200-q=200-d=0.25.11	Optimal	-P	1194.1	3132.7	0.033995	3606.4	9.9978e-05	1200	1489	2700	226079
p-n=150-e=1200-q=200-d=0.25.11	Feasible	-S	3600	3132.7	0.12998	3582.5	0.026832	1200	2539	4950	140166
p-n=150-e=1200-q=200-d=0.25.12	Optimal	-F	213.92	3153.9	0.011998	3561.6	9.9749e-05	1200	1485	2550	25362
p-n=150-e=1200-q=200-d=0.25.12	Optimal	-I	150.19	3153.9	0.10099	3370.7	9.9718e-05	1200	2535	4950	5814
p-n=150-e=1200-q=200-d=0.25.12	Optimal	-L	146.09	3153.9	0.072989	3370.7	9.9848e-05	1200	2535	3750	9648
p-n=150-e=1200-q=200-d=0.25.12	Optimal	-P	391.23	3153.9	0.025996	3561.6	9.9851e-05	1200	1485	2700	92238
p-n=150-e=1200-q=200-d=0.25.12	Feasible	-S	3600	3153.9	0.097985	3546.8	0.013559	1200	2535	4950	195182
p-n=150-e=1200-q=200-d=0.25.13	Optimal	-F	3467	3067.8	0.014998	3521.8	9.9999e-05	1200	1483	2550	503912
p-n=150-e=1200-q=200-d=0.25.13	Optimal	-I	1453.7	3067.8	0.082987	3354.9	9.9974e-05	1200	2533	4950	69035
p-n=150-e=1200-q=200-d=0.25.13	Optimal	-L	915.79	3067.8	0.067989	3354.9	9.9859e-05	1200	2533	3750	57720
p-n=150-e=1200-q=200-d=0.25.13	Feasible	-P	3600	3067.8	0.038994	3521.8	0.0034825	1200	1483	2700	624132
p-n=150-e=1200-q=200-d=0.25.13	Feasible	-S	3600	3067.8	0.11698	3542.9	0.03038	1200	2533	4950	127680
p-n=150-e=1200-q=200-d=0.25.14	Feasible	-F	3600	3185.4	0.011999	3723.2	0.0024133	1200	1483	2550	530365
p-n=150-e=1200-q=200-d=0.25.14	Optimal	-I	1595.1	3185.4	0.12498	3504.8	9.9868e-05	1200	2533	4950	76601
p-n=150-e=1200-q=200-d=0.25.14	Optimal	-L	1138.2	3185.4	0.080987	3504.8	9.9966e-05	1200	2533	3750	73653
p-n=150-e=1200-q=200-d=0.25.14	Feasible	-P	3600	3185.4	0.021996	3723.2	0.011384	1200	1483	2700	734878
p-n=150-e=1200-q=200-d=0.25.14	Feasible	-S	3600	3185.4	0.10798	3752.3	0.039433	1200	2533	4950	166413
p-n=150-e=1200-q=200-d=0.25.15	Optimal	-F	808.1	3334.2	0.010998	3823.1	9.9857e-05	1200	1486	2550	98121
p-n=150-e=1200-q=200-d=0.25.15	Optimal	-I	273.68	3334.2	0.12698	3596.6	9.9631e-05	1200	2536	4950	10925
p-n=150-e=1200-q=200-d=0.25.15	Optimal	-L	249.49	3334.2	0.11498	3596.6	9.9921e-05	1200	2536	3750	14627
p-n=150-e=1200-q=200-d=0.25.15	Optimal	-P	1141.1	3334	0.033995	3823.1	9.999e-05	1200	1486	2700	245788
p-n=150-e=1200-q=200-d=0.25.15	Feasible	-S	3600	3334.2	0.16498	3762.7	0.024239	1200	2536	4950	107715
p-n=150-e=1200-q=200-d=0.25.16	Feasible	-F	3600	3155.6	0.011998	3670.7	0.0084959	1200	1481	2550	457980
p-n=150-e=1200-q=200-d=0.25.16	Feasible	-I	3600	3155.6	0.11798	3469.3	0.0013501	1200	2531	4950	195165
p-n=150-e=1200-q=200-d=0.25.16	Optimal	-L	2656.6	3155.6	0.083987	3469.3	9.9949e-05	1200	2531	3750	233203
p-n=150-e=1200-q=200-d=0.25.16	Feasible	-P	3600	3155.6	0.029996	3670.7	0.013943	1200	1481	2700	581538
p-n=150-e=1200-q=200-d=0.25.16	Feasible	-S	3600	3155.6	0.10798	3680.1	0.037056	1200	2531	4950	127845
p-n=150-e=1200-q=200-d=0.25.17	Feasible	-F	3600	3074.5	0.010998	3642.3	0.0056572	1200	1482	2550	424592
p-n=150-e=1200-q=200-d=0.25.17	Optimal	-I	2439.8	3074.5	0.098985	3433.9	9.9911e-05	1200	2532	4950	103279
p-n=150-e=1200-q=200-d=0.25.17	Optimal	-L	2457.9	3074.5	0.098985	3433.9	9.9938e-05	1200	2532	3750	149443
p-n=150-e=1200-q=200-d=0.25.17	Feasible	-P	3600	3074.5	0.034995	3642.3	0.019666	1200	1482	2700	609418
p-n=150-e=1200-q=200-d=0.25.17	Feasible	-S	3600	3074.5	0.12798	3647.7	0.049714	1200	2532	4950	126167
p-n=150-e=1200-q=200-d=0.25.18	Optimal	-F	157.6	3255.7	0.015997	3664.6	9.9691e-05	1200	1485	2550	18228
p-n=150-e=1200-q=200-d=0.25.18	Optimal	-I	162.66	3255.7	0.089986	3503.4	9.7907e-05	1200	2535	4950	5860
p-n=150-e=1200-q=200-d=0.25.18	Optimal	-L	137.14	3255.7	0.087987	3503.4	9.9919e-05	1200	2535	3750	8596
p-n=150-e=1200-q=200-d=0.25.18	Optimal	-P	423.57	3255.7	0.025996	3664.6	9.9947e-05	1200	1485	2700	104494
p-n=150-e=1200-q=200-d=0.25.18	Feasible	-S	3600	3255.7	0.11998	3687	0.016182	1200	2535	4950	166084
p-n=150-e=1200-q=200-d=0.25.19	Feasible	-F	3600	3088	0.015997	3619.5	0.0064991	1200	1483	2550	373052
p-n=150-e=1200-q=200-d=0.25.19	Optimal	-I	1388.1	3088	0.10598	3411.1	9.932e-05	1200	2533	4950	54240
p-n=150-e=1200-q=200-d=0.25.19	Optimal	-L	1793.4	3088	0.095986	3411.1	9.9946e-05	1200	2533	3750	116804
p-n=150-e=1200-q=200-d=0.25.19	Feasible	-P	3600	3088	0.021997	3619.5	0.012761	1200	1483	2700	613567
p-n=150-e=1200-q=200-d=0.25.19	Feasible	-S	3600	3077.9	0.12398	3606.3	0.052666	1200	2533	4950	164954
p-n=200-e=1600-q=200-d=0.25.0	Feasible	-F	3600	4077.7	0.021997	4687.2	0.0095696	1600	1982	3400	236011
p-n=200-e=1600-q=200-d=0.25.0	Feasible	-I	3600	4078.3	0.16198	4461.1	0.0045829	1600	3382	6600	86324
p-n=200-e=1600-q=200-d=0.25.0	Optimal	-L	3488.9	4078.3	0.14698	4461.1	9.9983e-05	1600	3382	5000	197945
p-n=200-e=1600-q=200-d=0.25.0	Feasible	-P	3600	4077.7	0.060991	4687.2	0.016618	1600	1982	3600	382370
p-n=200-e=1600-q=200-d=0.25.0	Feasible	-S	3600	4064.3	0.20697	4692.6	0.049559	1600	3382	6600	70755
p-n=200-e=1600-q=200-d=0.25.1	Feasible	-F	3600	4308.3	0.020996	4921.9	0.010535	1600	1981	3400	242640
p-n=200-e=1600-q=200-d=0.25.1	Feasible	-I	3600	4308.3	0.18197	4676.9	0.0038773	1600	3381	6600	65792
p-n=200-e=1600-q=200-d=0.25.1	Feasible	-L	3600	4308.3	0.14898	4676.9	0.0040361	1600	3381	5000	87681
p-n=200-e=1600-q=200-d=0.25.1	Feasible	-P	3600	4308.3	0.050993	4921.9	0.013872	1600	1981	3600	462820
p-n=200-e=1600-q=200-d=0.25.1	Feasible	-S	3600	4294.6	0.21197	4914.2	0.045601	1600	3381	6600	84180
p-n=200-e=1600-q=200-d=0.25.2	Optimal	-F	1820.4	4239.8	0.020997	4844.4	9.9951e-05	1600	1981	3400	152716
p-n=200-e=1600-q=200-d=0.25.2	Optimal	-I	841.31	4239.8	0.11398	4609.5	9.9953e-05	1600	3381	6600	39671
p-n=200-e=1600-q=200-d=0.25.2	Optimal	-L	898.12	4239.8	0.11698	4609.5	9.9747e-05	1600	3381	5000	32527
p-n=200-e=1600-q=200-d=0.25.2	Feasible	-P	3600	4239.8	0.042993	4844.4	0.006916	1600	1981	3600	465715
p-n=200-e=1600-q=200-d=0.25.2	Feasible	-S	3600	4239.8	0.17997	4837.3	0.034823	1600	3381	6600	68187
p-n=200-e=1600-q=200-d=0.25.3	Optimal	-F	1229.3	4161.2	0.021997	4672.8	9.9947e-05	1600	1985	3400	115434
p-n=200-e=1600-q=200-d=0.25.3	Optimal	-I	869.04	4161.2	0.19197	4441.2	9.9905e-05	1600	3385	6600	29112
p-n=200-e=1600-q=200-d=0.25.3	Optimal	-L	648.92	4161.2	0.12198	4441.2	9.9963e-05	1600	3385	5000	30828
p-n=200-e=1600-q=200-d=0.25.3	Feasible	-P	3600	4161.2	0.031995	4672.8	0.0030318	1600	1985	3600	471615
p-n=200-e=1600-q=200-d=0.25.3	Feasible	-S	3600	4161.2	0.16498	4670.3	0.02012	1600	3385	6600	113684

All Instances - Part 5

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=200-e=1600-q=200-d=0.25.4	Feasible	-F	3600	4167.2	0.017997	4796.9	0.0046428	1600	1980	3400	359865
p-n=200-e=1600-q=200-d=0.25.4	Optimal	-I	2802.1	4167.2	0.11498	4528.6	9.9989e-05	1600	3380	6600	125060
p-n=200-e=1600-q=200-d=0.25.4	Optimal	-L	1490.5	4167.2	0.14798	4528.6	9.9997e-05	1600	3380	5000	83189
p-n=200-e=1600-q=200-d=0.25.4	Feasible	-P	3600	4167.2	0.050992	4796.9	0.010831	1600	1980	3600	417946
p-n=200-e=1600-q=200-d=0.25.4	Feasible	-S	3600	4167.2	0.16798	4777.2	0.031079	1600	3380	6600	124503
p-n=200-e=1600-q=200-d=0.25.5	Feasible	-F	3600	4372.9	0.021997	5025.8	0.010433	1600	1977	3400	306626
p-n=200-e=1600-q=200-d=0.25.5	Feasible	-I	3600	4372.9	0.13698	4782.8	0.0076659	1600	3377	6600	72960
p-n=200-e=1600-q=200-d=0.25.5	Feasible	-L	3600	4372.9	0.10998	4782.8	0.0058501	1600	3377	5000	130220
p-n=200-e=1600-q=200-d=0.25.5	Feasible	-P	3600	4372.9	0.050992	5025.8	0.016204	1600	1977	3600	411325
p-n=200-e=1600-q=200-d=0.25.5	Feasible	-S	3600	4372.9	0.20497	5031.7	0.036064	1600	3377	6600	88015
p-n=200-e=1600-q=200-d=0.25.6	Optimal	-F	704.97	4154.8	0.020997	4725	9.9968e-05	1600	1982	3400	75411
p-n=200-e=1600-q=200-d=0.25.6	Optimal	-I	464.21	4154.8	0.11698	4475.6	9.9679e-05	1600	3382	6600	18000
p-n=200-e=1600-q=200-d=0.25.6	Optimal	-L	475.19	4154.8	0.14298	4475.6	9.9379e-05	1600	3382	5000	26592
p-n=200-e=1600-q=200-d=0.25.6	Feasible	-P	3600	4154.8	0.055991	4725	0.0014508	1600	1982	3600	587181
p-n=200-e=1600-q=200-d=0.25.6	Feasible	-S	3600	4154.8	0.21697	4761.2	0.024985	1600	3382	6600	99962
p-n=200-e=1600-q=200-d=0.25.7	Optimal	-F	204.3	4434.9	0.019997	4986.7	9.9852e-05	1600	1983	3400	18708
p-n=200-e=1600-q=200-d=0.25.7	Optimal	-I	171.31	4434.9	0.15298	4730.1	9.8866e-05	1600	3383	6600	4177
p-n=200-e=1600-q=200-d=0.25.7	Optimal	-L	93.745	4434.9	0.13598	4730.1	9.9573e-05	1600	3383	5000	2683
p-n=200-e=1600-q=200-d=0.25.7	Optimal	-P	693.22	4434.9	0.06399	4986.7	9.9909e-05	1600	1983	3600	92436
p-n=200-e=1600-q=200-d=0.25.7	Feasible	-S	3600	4434.9	0.22997	4980.1	0.016554	1600	3383	6600	129408
p-n=200-e=1600-q=200-d=0.25.8	Feasible	-F	3600	4401.4	0.018998	5123.2	0.0060133	1600	1984	3400	289568
p-n=200-e=1600-q=200-d=0.25.8	Optimal	-I	3529.8	4401.4	0.17597	4824.9	9.9966e-05	1600	3384	6600	98271
p-n=200-e=1600-q=200-d=0.25.8	Feasible	-L	3600	4401.4	0.15598	4824.9	0.0020106	1600	3384	5000	104360
p-n=200-e=1600-q=200-d=0.25.8	Feasible	-P	3600	4401.4	0.051992	5123.2	0.01312	1600	1984	3600	375043
p-n=200-e=1600-q=200-d=0.25.8	Feasible	-S	3600	4401.4	0.19097	5117.2	0.043166	1600	3384	6600	99661
p-n=200-e=1600-q=200-d=0.25.9	Feasible	-F	3600	4417.7	0.014998	5106.2	0.0054457	1600	1978	3400	291411
p-n=200-e=1600-q=200-d=0.25.9	Optimal	-I	1202.1	4417.7	0.15298	4871.3	9.9963e-05	1600	3378	6600	42318
p-n=200-e=1600-q=200-d=0.25.9	Optimal	-L	927.01	4417.7	0.13298	4871.3	9.9965e-05	1600	3378	5000	36324
p-n=200-e=1600-q=200-d=0.25.9	Feasible	-P	3600	4417.7	0.057991	5106.2	0.011244	1600	1978	3600	394022
p-n=200-e=1600-q=200-d=0.25.9	Feasible	-S	3600	4417.7	0.17997	5117.9	0.039939	1600	3378	6600	78988
p-n=200-e=1600-q=200-d=0.25.10	Feasible	-F	3600	4146.1	0.021997	4837.7	0.0149	1600	1978	3400	372605
p-n=200-e=1600-q=200-d=0.25.10	Feasible	-I	3600	4146.1	0.16298	4571.9	0.0079278	1600	3378	6600	91820
p-n=200-e=1600-q=200-d=0.25.10	Feasible	-L	3600	4146.1	0.14798	4571.9	0.0061288	1600	3378	5000	139162
p-n=200-e=1600-q=200-d=0.25.10	Feasible	-P	3600	4146.1	0.049992	4837.7	0.020311	1600	1978	3600	539746
p-n=200-e=1600-q=200-d=0.25.10	Feasible	-S	3600	4146.1	0.19097	4867.4	0.045005	1600	3378	6600	79603
p-n=200-e=1600-q=200-d=0.25.11	Feasible	-F	3600	4124.2	0.021997	4755.6	0.0028872	1600	1986	3400	296460
p-n=200-e=1600-q=200-d=0.25.11	Optimal	-I	2019.3	4124.2	0.14298	4467.8	9.996e-05	1600	3386	6600	92189
p-n=200-e=1600-q=200-d=0.25.11	Optimal	-L	1728.2	4124.2	0.17597	4467.8	9.9948e-05	1600	3386	5000	99064
p-n=200-e=1600-q=200-d=0.25.11	Feasible	-P	3600	4124.2	0.053992	4755.6	0.0091725	1600	1986	3600	497245
p-n=200-e=1600-q=200-d=0.25.11	Feasible	-S	3600	4124.1	0.17197	4729.7	0.039511	1600	3386	6600	71875
p-n=200-e=1600-q=200-d=0.25.12	Optimal	-F	3398.2	4362.2	0.023996	4914.3	9.9963e-05	1600	1978	3400	247187
p-n=200-e=1600-q=200-d=0.25.12	Optimal	-I	982.94	4362.2	0.20497	4662.9	9.989e-05	1600	3378	6600	22525
p-n=200-e=1600-q=200-d=0.25.12	Optimal	-L	393.94	4362.2	0.14898	4662.9	9.9585e-05	1600	3378	5000	12674
p-n=200-e=1600-q=200-d=0.25.12	Feasible	-P	3600	4362.2	0.048992	4914.3	0.0078266	1600	1978	3600	472908
p-n=200-e=1600-q=200-d=0.25.12	Feasible	-S	3600	4362.2	0.12398	4925.1	0.027991	1600	3378	6600	86029
p-n=200-e=1600-q=200-d=0.25.13	Feasible	-F	3600	4285	0.017997	4966.7	0.0087611	1600	1981	3400	277056
p-n=200-e=1600-q=200-d=0.25.13	Feasible	-I	3600	4285	0.19997	4688	0.0050349	1600	3381	6600	68925
p-n=200-e=1600-q=200-d=0.25.13	Optimal	-L	2763.7	4285	0.14798	4688	9.9958e-05	1600	3381	5000	123926
p-n=200-e=1600-q=200-d=0.25.13	Feasible	-P	3600	4285	0.048993	4966.7	0.011507	1600	1981	3600	465250
p-n=200-e=1600-q=200-d=0.25.13	Feasible	-S	3600	4285	0.18697	4932.7	0.033971	1600	3381	6600	87065
p-n=200-e=1600-q=200-d=0.25.14	Feasible	-F	3600	4379	0.015998	5103.4	0.015324	1600	1983	3400	248828
p-n=200-e=1600-q=200-d=0.25.14	Feasible	-I	3600	4379	0.20297	4846.1	0.008226	1600	3383	6600	74801
p-n=200-e=1600-q=200-d=0.25.14	Feasible	-L	3600	4379	0.13798	4846.1	0.006798	1600	3383	5000	142428
p-n=200-e=1600-q=200-d=0.25.14	Feasible	-P	3600	4379	0.06599	5103.4	0.025988	1600	1983	3600	462173
p-n=200-e=1600-q=200-d=0.25.14	Feasible	-S	3600	4379	0.16298	5085.9	0.051714	1600	3383	6600	50472
p-n=200-e=1600-q=200-d=0.25.15	Feasible	-F	3600	4360.8	0.018997	4951.4	0.0020772	1600	1969	3400	251831
p-n=200-e=1600-q=200-d=0.25.15	Optimal	-I	1783	4360.8	0.17597	4690.9	9.9993e-05	1600	3369	6600	66725
p-n=200-e=1600-q=200-d=0.25.15	Optimal	-L	1365.7	4360.8	0.12198	4690.9	9.9972e-05	1600	3369	5000	78525
p-n=200-e=1600-q=200-d=0.25.15	Feasible	-P	3600	4360.8	0.042994	4951.4	0.0025873	1600	1969	3600	492350
p-n=200-e=1600-q=200-d=0.25.15	Feasible	-S	3600	4360.8	0.14898	4945.4	0.030585	1600	3369	6600	95363
p-n=200-e=1600-q=200-d=0.25.16	Feasible	-F	3600	4280.9	0.024997	4886.5	0.013007	1600	1967	3400	291447
p-n=200-e=1600-q=200-d=0.25.16	Feasible	-I	3600	4280.9	0.15898	4639.3	0.008441	1600	3367	6600	68499
p-n=200-e=1600-q=200-d=0.25.16	Feasible	-L	3600	4280.9	0.13098	4639.3	0.0073849	1600	3367	5000	126767
p-n=200-e=1600-q=200-d=0.25.16	Feasible	-P	3600	4280.9	0.049993	4886.5	0.021848	1600	1967	3600	398558
p-n=200-e=1600-q=200-d=0.25.16	Feasible	-S	3600	4280.9	0.21297	4904.6	0.039476	1600	3367	6600	71195
p-n=200-e=1600-q=200-d=0.25.17	Optimal	-F	599.86	4291.6	0.017997	4842.4	9.9984e-05	1600	1973	3400	51965
p-n=200-e=1600-q=200-d=0.25.17	Optimal	-I	247.1	4291.6	0.14198	4570.4	9.9902e-05	1600	3373	6600	5482
p-n=200-e=1600-q=200-d=0.25.17	Optimal	-L	278.44	4291.6	0.15298	4570.4	9.9968e-05	1600	3373	5000	11361
p-n=200-e=1600-q=200-d=0.25.17	Feasible	-P	3600	4291.6	0.053992	4842.4	0.00039921	1600	1973	3600	460976
p-n=200-e=1600-q=200-d=0.25.17	Feasible	-S	3600	4291.6	0.18697	4833.5	0.02766	1600	3373	6600	121790
p-n=200-e=1600-q=200-d=0.25.18	Feasible	-F	3600	4103.1	0.019997	4825.2	0.019307	1600	1980	3400	206547
p-n=200-e=1600-q=200-d=0.25.18	Feasible	-I	3600	4103.1	0.16098	4593.9	0.0075524	1600	3380	6600	65791
p-n=200-e=1600-q=200-d=0.25.18	Feasible	-L	3600	4103.1	0.19197	4593.9	0.0093021	1600	3380	5000	89208
p-n=200-e=1600-q=200-d=0.25.18	Feasible	-P	3600	4103.1	0.048993	4825.2	0.024083	1600	1980	3600	380577
p-n=200-e=1600-q=200-d=0.25.18	Feasible	-S	3600	4103.1	0.17997	4847.7	0.05869	1600	3380	6600	98791
p-n=200-e=1600-q=200-d=0.25.19	Feasible	-F	3600	4278.6	0.013998	4885.8	0.01232	1600	1977	3400	324211
p-n=200-e=1600-q=200-d=0.25.19	Feasible	-I	3600	4278.6	0.073989	4664.4	0.0036114	1600	3377	6600	156902
p-n=200-e=1600-q=200-d=0.25.19	Feasible	-L	3600	4278.6	0.055992	4664.4	0.00024651	1600	3377	5000	294741
p-n=200-e=1600-q=200-d=0.25.19	Feasible	-P	3600	4278.6	0.027995	4885.8	0.01989	1600	1977	3600	570770
p-n=200-e=1600-q=200-d=0.25.19	Feasible	-S	3600	4278.6	0.086987	4910.1	0.042572	1600	3377	6600	114722

All Instances - Part 6

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=250-e=2000-q=200-d=0.25.0	Feasible	-F	3600	5462	0.022996	6287.6	0.020846	2000	2464	4250	238209
p-n=250-e=2000-q=200-d=0.25.0	Feasible	-I	3600	5465	0.23896	5991.8	0.012541	2000	4214	8250	64815
p-n=250-e=2000-q=200-d=0.25.0	Feasible	-L	3600	5465	0.21997	5991.8	0.013323	2000	4214	6250	89810
p-n=250-e=2000-q=200-d=0.25.0	Feasible	-P	3600	5461.2	0.06599	6287.6	0.033602	2000	2464	4500	363723
p-n=250-e=2000-q=200-d=0.25.0	Feasible	-S	3600	5459.8	0.19997	6252.3	0.057335	2000	4214	8250	57962
p-n=250-e=2000-q=200-d=0.25.1	Feasible	-F	3600	5341.1	0.022996	6182.1	0.018175	2000	2472	4250	216998
p-n=250-e=2000-q=200-d=0.25.1	Feasible	-I	3600	5341.1	0.24196	5905.3	0.012369	2000	4222	8250	65095
p-n=250-e=2000-q=200-d=0.25.1	Feasible	-L	3600	5341.1	0.19797	5905.3	0.010191	2000	4222	6250	108141
p-n=250-e=2000-q=200-d=0.25.1	Feasible	-P	3600	5341.1	0.094985	6182.1	0.02687	2000	2472	4500	434193
p-n=250-e=2000-q=200-d=0.25.1	Feasible	-S	3600	5335.6	0.26596	6156.9	0.047152	2000	4222	8250	56386
p-n=250-e=2000-q=200-d=0.25.2	Feasible	-F	3600	5186.5	0.024996	5914.1	0.0069866	2000	2476	4250	212719
p-n=250-e=2000-q=200-d=0.25.2	Feasible	-I	3600	5186.5	0.25796	5624.8	0.0041752	2000	4226	8250	64053
p-n=250-e=2000-q=200-d=0.25.2	Feasible	-L	3600	5186.5	0.20697	5624.8	0.0025007	2000	4226	6250	99416
p-n=250-e=2000-q=200-d=0.25.2	Feasible	-P	3600	5186.5	0.06699	5914.1	0.017152	2000	2476	4500	362420
p-n=250-e=2000-q=200-d=0.25.2	Feasible	-S	3600	5186.5	0.34395	5931.5	0.042269	2000	4226	8250	47290
p-n=250-e=2000-q=200-d=0.25.3	Feasible	-F	3600	5334.4	0.016998	6216.5	0.021214	2000	2466	4250	216642
p-n=250-e=2000-q=200-d=0.25.3	Feasible	-I	3600	5334.4	0.22797	5870.6	0.014198	2000	4216	8250	50050
p-n=250-e=2000-q=200-d=0.25.3	Feasible	-L	3600	5334.4	0.18797	5870.6	0.014142	2000	4216	6250	73168
p-n=250-e=2000-q=200-d=0.25.3	Feasible	-P	3600	5334.4	0.045993	6216.5	0.0302	2000	2466	4500	460128
p-n=250-e=2000-q=200-d=0.25.3	Feasible	-S	3600	5334.4	0.27496	6224.4	0.056808	2000	4216	8250	61140
p-n=250-e=2000-q=200-d=0.25.4	Feasible	-F	3600	5313.8	0.028995	6097.1	0.012804	2000	2464	4250	224485
p-n=250-e=2000-q=200-d=0.25.4	Feasible	-I	3600	5313.8	0.23297	5766.8	0.0082918	2000	4214	8250	69715
p-n=250-e=2000-q=200-d=0.25.4	Feasible	-L	3600	5313.8	0.14098	5766.8	0.0073046	2000	4214	6250	107263
p-n=250-e=2000-q=200-d=0.25.4	Feasible	-P	3600	5313.8	0.058991	6097.1	0.022031	2000	2464	4500	379256
p-n=250-e=2000-q=200-d=0.25.4	Feasible	-S	3600	5313.8	0.22497	6066.7	0.039917	2000	4214	8250	94057
p-n=250-e=2000-q=200-d=0.25.5	Feasible	-F	3600	5147.2	0.030995	6050.6	0.020239	2000	2473	4250	190022
p-n=250-e=2000-q=200-d=0.25.5	Feasible	-I	3600	5147.2	0.23097	5706.8	0.020721	2000	4223	8250	44410
p-n=250-e=2000-q=200-d=0.25.5	Feasible	-L	3600	5147.2	0.23097	5706.8	0.018482	2000	4223	6250	68596
p-n=250-e=2000-q=200-d=0.25.5	Feasible	-P	3600	5148.5	0.090987	6050.6	0.032893	2000	2473	4500	434325
p-n=250-e=2000-q=200-d=0.25.5	Feasible	-S	3600	5131.2	0.26696	6079	0.063827	2000	4223	8250	47589
p-n=250-e=2000-q=200-d=0.25.6	Feasible	-F	3600	5256.3	0.036994	6061.1	0.010177	2000	2477	4250	231157
p-n=250-e=2000-q=200-d=0.25.6	Feasible	-I	3600	5256.3	0.26496	5781.4	0.0033055	2000	4227	8250	58392
p-n=250-e=2000-q=200-d=0.25.6	Feasible	-L	3600	5256.3	0.15798	5781.4	0.0015409	2000	4227	6250	119017
p-n=250-e=2000-q=200-d=0.25.6	Feasible	-P	3600	5256.3	0.06799	6061.1	0.018613	2000	2477	4500	305320
p-n=250-e=2000-q=200-d=0.25.6	Feasible	-S	3600	5256.3	0.30195	6083	0.043658	2000	4227	8250	67089
p-n=250-e=2000-q=200-d=0.25.7	Feasible	-F	3600	5279.4	0.030995	6059.9	0.010033	2000	2478	4250	271946
p-n=250-e=2000-q=200-d=0.25.7	Feasible	-I	3600.1	5279.4	0.22497	5741.1	0.0043064	2000	4228	8250	82694
p-n=250-e=2000-q=200-d=0.25.7	Feasible	-L	3600	5279.4	0.20597	5741.1	0.0028581	2000	4228	6250	138610
p-n=250-e=2000-q=200-d=0.25.7	Feasible	-P	3600	5279.4	0.053992	6059.9	0.015231	2000	2478	4500	418058
p-n=250-e=2000-q=200-d=0.25.7	Feasible	-S	3600	5274.6	0.21497	6077.7	0.033709	2000	4228	8250	77178
p-n=250-e=2000-q=200-d=0.25.8	Feasible	-F	3600	5562.6	0.026996	6332.5	0.0068789	2000	2469	4250	189593
p-n=250-e=2000-q=200-d=0.25.8	Feasible	-I	3600	5562.6	0.29995	5989.8	0.0024666	2000	4219	8250	53910
p-n=250-e=2000-q=200-d=0.25.8	Optimal	-L	3309.2	5562.6	0.22297	5989.8	9.999e-05	2000	4219	6250	103128
p-n=250-e=2000-q=200-d=0.25.8	Feasible	-P	3600	5562.6	0.055991	6332.5	0.015338	2000	2469	4500	329699
p-n=250-e=2000-q=200-d=0.25.8	Feasible	-S	3600	5562.6	0.27896	6301.9	0.039354	2000	4219	8250	51177
p-n=250-e=2000-q=200-d=0.25.9	Feasible	-F	3600	5120.6	0.030995	5919.6	0.013565	2000	2460	4250	213728
p-n=250-e=2000-q=200-d=0.25.9	Feasible	-I	3600	5120.6	0.24096	5671.5	0.0058415	2000	4210	8250	64500
p-n=250-e=2000-q=200-d=0.25.9	Feasible	-L	3600	5120.6	0.17297	5671.5	0.0052884	2000	4210	6250	99145
p-n=250-e=2000-q=200-d=0.25.9	Feasible	-P	3600	5120.6	0.06399	5919.6	0.020772	2000	2460	4500	403798
p-n=250-e=2000-q=200-d=0.25.9	Feasible	-S	3600	5120.6	0.23097	5992.7	0.049048	2000	4210	8250	72831
p-n=250-e=2000-q=200-d=0.25.10	Feasible	-F	3600	5275.7	0.029996	6145.3	0.026354	2000	2475	4250	181265
p-n=250-e=2000-q=200-d=0.25.10	Feasible	-I	3600	5275.5	0.32995	5847.1	0.020787	2000	4225	8250	51748
p-n=250-e=2000-q=200-d=0.25.10	Feasible	-L	3600	5275.5	0.20397	5847.1	0.01665	2000	4225	6250	50946
p-n=250-e=2000-q=200-d=0.25.10	Feasible	-P	3600	5274.3	0.073988	6145.3	0.035795	2000	2475	4500	323962
p-n=250-e=2000-q=200-d=0.25.10	Feasible	-S	3600	5256.7	0.28396	6174.8	0.062336	2000	4225	8250	68862
p-n=250-e=2000-q=200-d=0.25.11	Feasible	-F	3600	5592.9	0.033995	6409.3	0.014545	2000	2469	4250	127887
p-n=250-e=2000-q=200-d=0.25.11	Feasible	-I	3600	5592.9	0.25696	6091.7	0.0095831	2000	4219	8250	44696
p-n=250-e=2000-q=200-d=0.25.11	Feasible	-L	3600	5592.9	0.18197	6091.7	0.0072926	2000	4219	6250	67980
p-n=250-e=2000-q=200-d=0.25.11	Feasible	-P	3600	5592.9	0.057991	6409.3	0.023523	2000	2469	4500	314509
p-n=250-e=2000-q=200-d=0.25.11	Feasible	-S	3600	5592.9	0.27296	6388.1	0.045728	2000	4219	8250	52569
p-n=250-e=2000-q=200-d=0.25.12	Feasible	-F	3600	5355.7	0.024997	6171.9	0.014739	2000	2469	4250	162639
p-n=250-e=2000-q=200-d=0.25.12	Feasible	-I	3600	5355.7	0.28196	5853.3	0.01042	2000	4219	8250	42104
p-n=250-e=2000-q=200-d=0.25.12	Feasible	-L	3600	5355.7	0.18497	5853.3	0.0072625	2000	4219	6250	76508
p-n=250-e=2000-q=200-d=0.25.12	Feasible	-P	3600	5355.7	0.067989	6171.9	0.021607	2000	2469	4500	244709
p-n=250-e=2000-q=200-d=0.25.12	Feasible	-S	3600	5355.7	0.28996	6150.1	0.04622	2000	4219	8250	62870
p-n=250-e=2000-q=200-d=0.25.13	Feasible	-F	3600	5558.3	0.025996	6341.5	0.010716	2000	2471	4250	147144
p-n=250-e=2000-q=200-d=0.25.13	Feasible	-I	3600	5558.3	0.24996	5997.2	0.0046715	2000	4221	8250	70298
p-n=250-e=2000-q=200-d=0.25.13	Feasible	-L	3600	5558.3	0.17297	5997.2	0.0061492	2000	4221	6250	81660
p-n=250-e=2000-q=200-d=0.25.13	Feasible	-P	3600	5558.3	0.047993	6341.5	0.016373	2000	2471	4500	295957
p-n=250-e=2000-q=200-d=0.25.13	Feasible	-S	3600	5557.4	0.24296	6329.6	0.040435	2000	4221	8250	61709
p-n=250-e=2000-q=200-d=0.25.14	Feasible	-F	3600	5285.5	0.016997	5983.5	0.0089568	2000	2477	4250	305328
p-n=250-e=2000-q=200-d=0.25.14	Feasible	-I	3600	5285.5	0.12398	5719.9	0.0062094	2000	4227	8250	93329
p-n=250-e=2000-q=200-d=0.25.14	Feasible	-L	3600	5285.5	0.088987	5719.9	0.0059609	2000	4227	6250	213014
p-n=250-e=2000-q=200-d=0.25.14	Feasible	-P	3600	5285.5	0.034995	5983.5	0.01735	2000	2477	4500	415667
p-n=250-e=2000-q=200-d=0.25.14	Feasible	-S	3600	5284.6	0.13998	5996.1	0.036247	2000	4227	8250	100742
p-n=250-e=2000-q=200-d=0.25.15	Feasible	-F	3600	5276.6	0.037994	6133.8	0.013222	2000	2472	4250	191702
p-n=250-e=2000-q=200-d=0.25.15	Feasible	-I	3600	5276.6	0.27796	5831.5	0.0083241	2000	4222	8250	52788
p-n=250-e=2000-q=200-d=0.25.15	Feasible	-L	3600	5276.6	0.20997	5831.5	0.0075147	2000	4222	6250	111855
p-n=250-e=2000-q=200-d=0.25.15	Feasible	-P	3600	5276.6	0.091986	6133.8	0.026172	2000	2472	4500	300443
p-n=250-e=2000-q=200-d=0.25.15	Feasible	-S	3600	5276.6	0.21397	6177.9	0.054708	2000	4222	8250	61919

filename	status	params	time	value	relax_time	relax_value	gap	edges	columns	rows	nodes
p-n=250-e=2000-q=200-d=0.25.16	Feasible	-F	3600	5388.5	0.028995	6150.8	0.010673	2000	2473	4250	171596
p-n=250-e=2000-q=200-d=0.25.16	Feasible	-I	3600	5388.5	0.22697	5844	0.0052512	2000	4223	8250	57376
p-n=250-e=2000-q=200-d=0.25.16	Feasible	-L	3600	5388.5	0.16698	5844	0.0023252	2000	4223	6250	122959
p-n=250-e=2000-q=200-d=0.25.16	Feasible	-P	3600	5388.5	0.080988	6150.8	0.01601	2000	2473	4500	359040
p-n=250-e=2000-q=200-d=0.25.16	Feasible	-S	3600	5388.5	0.16597	6147.4	0.036546	2000	4223	8250	63201
p-n=250-e=2000-q=200-d=0.25.17	Feasible	-F	3600	5239.8	0.026996	6097.3	0.015629	2000	2474	4250	183407
p-n=250-e=2000-q=200-d=0.25.17	Feasible	-I	3600	5239.8	0.29096	5743.6	0.0039763	2000	4224	8250	75531
p-n=250-e=2000-q=200-d=0.25.17	Feasible	-L	3600	5239.8	0.20397	5743.6	0.0046314	2000	4224	6250	101940
p-n=250-e=2000-q=200-d=0.25.17	Feasible	-P	3600	5239.8	0.07099	6097.3	0.023071	2000	2474	4500	387222
p-n=250-e=2000-q=200-d=0.25.17	Feasible	-S	3600	5239.8	0.28196	6086.2	0.044039	2000	4224	8250	60648
p-n=250-e=2000-q=200-d=0.25.18	Feasible	-F	3600	5348.8	0.022997	6093.4	0.0066968	2000	2471	4250	205437
p-n=250-e=2000-q=200-d=0.25.18	Feasible	-I	3600	5348.8	0.29896	5763	0.0024308	2000	4221	8250	63899
p-n=250-e=2000-q=200-d=0.25.18	Feasible	-L	3600	5348.8	0.21297	5763	0.0024367	2000	4221	6250	92942
p-n=250-e=2000-q=200-d=0.25.18	Feasible	-P	3600	5348.8	0.059991	6093.4	0.017145	2000	2471	4500	389111
p-n=250-e=2000-q=200-d=0.25.18	Feasible	-S	3600	5348.8	0.22897	6103.1	0.040779	2000	4221	8250	51309
p-n=250-e=2000-q=200-d=0.25.19	Feasible	-F	3600	5314.5	0.028996	6085.1	0.0068917	2000	2470	4250	205532
p-n=250-e=2000-q=200-d=0.25.19	Feasible	-I	3600	5314.5	0.20597	5764	0.0030275	2000	4220	8250	102369
p-n=250-e=2000-q=200-d=0.25.19	Feasible	-L	3600	5314.5	0.29596	5764	0.0033326	2000	4220	6250	128310
p-n=250-e=2000-q=200-d=0.25.19	Feasible	-P	3600	5314.5	0.072989	6085.1	0.018877	2000	2470	4500	348278
p-n=250-e=2000-q=200-d=0.25.19	Feasible	-S	3600	5306	0.26396	6079.1	0.045234	2000	4220	8250	61644
p-n=300-e=2400-q=200-d=0.25.0	Feasible	-F	3600	6068.6	0.047993	7110.2	0.031506	2400	2957	5100	157886
p-n=300-e=2400-q=200-d=0.25.0	Feasible	-I	3600	6065.9	0.45593	6747.6	0.026653	2400	5057	9900	36113
p-n=300-e=2400-q=200-d=0.25.0	Feasible	-L	3600	6068.6	0.31195	6747.6	0.020916	2400	5057	7500	63144
p-n=300-e=2400-q=200-d=0.25.0	Feasible	-P	3600	6065.9	0.10698	7110.2	0.046695	2400	2957	5400	262054
p-n=300-e=2400-q=200-d=0.25.0	Feasible	-S	3600	6068.6	0.32295	7104.5	0.070308	2400	5057	9900	45782
p-n=300-e=2400-q=200-d=0.25.1	Feasible	-F	3600	6509.1	0.028996	7640.6	0.023592	2400	2960	5100	200672
p-n=300-e=2400-q=200-d=0.25.1	Feasible	-I	3600	6508.1	0.46693	7266.6	0.017766	2400	5060	9900	51559
p-n=300-e=2400-q=200-d=0.25.1	Feasible	-L	3600	6509.1	0.24396	7266.6	0.017898	2400	5060	7500	78485
p-n=300-e=2400-q=200-d=0.25.1	Feasible	-P	3600	6508.1	0.096985	7640.6	0.035015	2400	2960	5400	262562
p-n=300-e=2400-q=200-d=0.25.1	Feasible	-S	3600	6498.4	0.31895	7633.3	0.056708	2400	5060	9900	45111
p-n=300-e=2400-q=200-d=0.25.2	Feasible	-F	3600	6467.9	0.037994	7418.4	0.017878	2400	2954	5100	141529
p-n=300-e=2400-q=200-d=0.25.2	Feasible	-I	3600	6467.9	0.33095	7035.3	0.01059	2400	5054	9900	36327
p-n=300-e=2400-q=200-d=0.25.2	Feasible	-L	3600	6467.9	0.25196	7035.3	0.0096654	2400	5054	7500	53625
p-n=300-e=2400-q=200-d=0.25.2	Feasible	-P	3600	6467.9	0.090986	7418.4	0.027818	2400	2954	5400	278868
p-n=300-e=2400-q=200-d=0.25.2	Feasible	-S	3600	6467.9	0.28696	7385.5	0.048149	2400	5054	9900	40388
p-n=300-e=2400-q=200-d=0.25.3	Feasible	-F	3600	6458.3	0.035994	7468.6	0.022463	2400	2963	5100	137260
p-n=300-e=2400-q=200-d=0.25.3	Feasible	-I	3600	6458.3	0.29096	7114.7	0.015339	2400	5063	9900	47011
p-n=300-e=2400-q=200-d=0.25.3	Feasible	-L	3600	6458.3	0.22997	7114.7	0.016611	2400	5063	7500	68725
p-n=300-e=2400-q=200-d=0.25.3	Feasible	-P	3600	6458.3	0.076989	7468.6	0.033633	2400	2963	5400	255474
p-n=300-e=2400-q=200-d=0.25.3	Feasible	-S	3600	6457.7	0.35295	7468	0.056467	2400	5063	9900	53494
p-n=300-e=2400-q=200-d=0.25.4	Feasible	-F	3600	6405.6	0.035994	7348.8	0.020648	2400	2959	5100	159625
p-n=300-e=2400-q=200-d=0.25.4	Feasible	-I	3600	6405.6	0.19297	7053	0.013404	2400	5059	9900	33381
p-n=300-e=2400-q=200-d=0.25.4	Feasible	-L	3600	6405.6	0.25996	7053	0.01159	2400	5059	7500	58510
p-n=300-e=2400-q=200-d=0.25.4	Feasible	-P	3600	6405.6	0.097985	7348.8	0.029311	2400	2959	5400	357090
p-n=300-e=2400-q=200-d=0.25.4	Feasible	-S	3600	6405.6	0.32795	7360.9	0.047475	2400	5059	9900	22612
p-n=300-e=2400-q=200-d=0.25.5	Feasible	-F	3600	6440.4	0.030995	7311.9	0.011799	2400	2966	5100	163705
p-n=300-e=2400-q=200-d=0.25.5	Feasible	-I	3600	6440.4	0.21997	6955	0.0070153	2400	5066	9900	45824
p-n=300-e=2400-q=200-d=0.25.5	Feasible	-L	3600	6440.4	0.26896	6955	0.006119	2400	5066	7500	90538
p-n=300-e=2400-q=200-d=0.25.5	Feasible	-P	3600	6440.4	0.087987	7311.9	0.021122	2400	2966	5400	267921
p-n=300-e=2400-q=200-d=0.25.5	Feasible	-S	3600	6440.4	0.26496	7289.7	0.037142	2400	5066	9900	45846
p-n=300-e=2400-q=200-d=0.25.6	Feasible	-F	3600	6398.9	0.033995	7417.8	0.027078	2400	2955	5100	176108
p-n=300-e=2400-q=200-d=0.25.6	Feasible	-I	3600	6400	0.42694	7006.3	0.018082	2400	5055	9900	40966
p-n=300-e=2400-q=200-d=0.25.6	Feasible	-L	3600	6400	0.22897	7006.3	0.01931	2400	5055	7500	53627
p-n=300-e=2400-q=200-d=0.25.6	Feasible	-P	3600	6400	0.098985	7417.8	0.041309	2400	2955	5400	257247
p-n=300-e=2400-q=200-d=0.25.6	Feasible	-S	3600	6369.1	0.33095	7374.3	0.070155	2400	5055	9900	35962
p-n=300-e=2400-q=200-d=0.25.7	Feasible	-F	3600	6241.4	0.034995	7221.8	0.021565	2400	2961	5100	153028
p-n=300-e=2400-q=200-d=0.25.7	Feasible	-I	3600	6241.4	0.34495	6862.9	0.017179	2400	5061	9900	36481
p-n=300-e=2400-q=200-d=0.25.7	Feasible	-L	3600	6241.4	0.23096	6862.9	0.016216	2400	5061	7500	56927
p-n=300-e=2400-q=200-d=0.25.7	Feasible	-P	3600	6241.4	0.085987	7221.8	0.031891	2400	2961	5400	332361
p-n=300-e=2400-q=200-d=0.25.7	Feasible	-S	3600	6240.2	0.28396	7233.6	0.057014	2400	5061	9900	40873
p-n=300-e=2400-q=200-d=0.25.8	Feasible	-F	3600	6232.7	0.037994	7221	0.023488	2400	2968	5100	151240
p-n=300-e=2400-q=200-d=0.25.8	Feasible	-I	3600	6232.7	0.24796	6856.4	0.015447	2400	5068	9900	45209
p-n=300-e=2400-q=200-d=0.25.8	Feasible	-L	3600	6232.7	0.18197	6856.4	0.014915	2400	5068	7500	63162
p-n=300-e=2400-q=200-d=0.25.8	Feasible	-P	3600	6227.2	0.071989	7221	0.038054	2400	2968	5400	333046
p-n=300-e=2400-q=200-d=0.25.8	Feasible	-S	3600	6227.7	0.37094	7219.4	0.054534	2400	5068	9900	38183
p-n=300-e=2400-q=200-d=0.25.9	Feasible	-F	3600	6394.6	0.029995	7292	0.014652	2400	2972	5100	213380
p-n=300-e=2400-q=200-d=0.25.9	Feasible	-I	3600	6394.6	0.28196	6961.8	0.008923	2400	5072	9900	51980
p-n=300-e=2400-q=200-d=0.25.9	Feasible	-L	3600	6394.6	0.27496	6961.8	0.0073759	2400	5072	7500	67530
p-n=300-e=2400-q=200-d=0.25.9	Feasible	-P	3600	6394.6	0.073988	7292	0.02389	2400	2972	5400	278362
p-n=300-e=2400-q=200-d=0.25.9	Feasible	-S	3600	6389.8	0.33295	7274.8	0.042949	2400	5072	9900	41433
p-n=300-e=2400-q=200-d=0.25.10	Feasible	-F	3600	6862.2	0.041994	7703.7	0.0097893	2400	2966	5100	183430
p-n=300-e=2400-q=200-d=0.25.10	Feasible	-I	3600	6862.2	0.30495	7328.4	0.0063611	2400	5066	9900	49082
p-n=300-e=2400-q=200-d=0.25.10	Feasible	-L	3600	6862.2	0.27496	7328.4	0.0058374	2400	5066	7500	77102
p-n=300-e=2400-q=200-d=0.25.10	Feasible	-P	3600	6862.2	0.06399	7703.7	0.019291	2400	2966	5400	343191
p-n=300-e=2400-q=200-d=0.25.10	Feasible	-S	3600	6860	0.35595	7708.6	0.035891	2400	5066	9900	61494
p-n=300-e=2400-q=200-d=0.25.11	Feasible	-F	3600	6366.5	0.037994	7376	0.022929	2400	2959	5100	148787
p-n=300-e=2400-q=200-d=0.25.11	Feasible	-I	3600	6366.5	0.34695	6997.5	0.017526	2400	5059	9900	39713
p-n=300-e=2400-q=200-d=0.25.11	Feasible	-L	3600	6366.5	0.32595	6997.5	0.016784	2400	5059	7500	57794
p-n=300-e=2400-q=200-d=0.25.11	Feasible	-P	3600	6366.5	0.088987	7376	0.035587	2400	2959	5400	247574
p-n=300-e=2400-q=200-d=0.25.11	Feasible	-S	3600	6344.1	0.34395	7392.8	0.066248	2400	5059	9900	44143

Table with Means and Standard Deviations - All Instances

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
p-n=50-e=400-q=200-d=0.25	-F	20	0	5.1315	1.8546	0.0035995	0.00073468	1152.2	359.77	2.8648e-05	3.9263e-05	0.12336
p-n=50-e=400-q=200-d=0.25	-I	20	0	5.9285	4.9767	0.020047	0.0029909	929.5	843.96	5.4623e-05	3.7677e-05	0.063209
p-n=50-e=400-q=200-d=0.25	-L	20	0	4.7673	3.8021	0.017147	0.0020557	902.15	731.42	5.023e-05	3.9825e-05	0.063214
p-n=50-e=400-q=200-d=0.25	-P	20	0	4.6065	1.8356	0.0072489	0.0012196	1521.9	576.81	5.4639e-05	4.1276e-05	0.12333
p-n=50-e=400-q=200-d=0.25	-S	20	0	24.375	12.939	0.024846	0.0029538	2997.6	2294.1	6.906e-05	3.7748e-05	0.12372
p-n=100-e=800-q=200-d=0.25	-F	20	0	215.3	501.7	0.0092487	0.0013738	54285	1.439e+05	8.8016e-05	2.9564e-05	0.13632
p-n=100-e=800-q=200-d=0.25	-I	20	0	127.1	184.22	0.058541	0.0086096	8345.8	13408	9.1623e-05	1.6623e-05	0.075102
p-n=100-e=800-q=200-d=0.25	-L	20	0	90.878	134.49	0.048593	0.0062634	8754.3	16754	8.1484e-05	3.4494e-05	0.075113
p-n=100-e=800-q=200-d=0.25	-P	20	0	210.61	383.64	0.019147	0.002242	55411	1.0643e+05	9.8666e-05	2.1417e-06	0.13631
p-n=100-e=800-q=200-d=0.25	-S	10	10	2687.1	1226.8	0.070689	0.010143	2.2456e+05	1.0798e+05	0.0064349	0.010842	0.12598
p-n=150-e=1200-q=200-d=0.25	-F	14	6	1682.3	1477.2	0.013398	0.0020344	2.2265e+05	1.9758e+05	0.002025	0.0033452	0.14599
p-n=150-e=1200-q=200-d=0.25	-I	18	2	1035.3	1094.6	0.10578	0.016673	48074	53757	0.00058468	0.0018487	0.087578
p-n=150-e=1200-q=200-d=0.25	-L	19	1	876.05	983.72	0.087737	0.01312	62785	77735	0.0003546	0.0011116	0.087829
p-n=150-e=1200-q=200-d=0.25	-P	13	7	1983.1	1324.5	0.030096	0.004537	3.7204e+05	2.471e+05	0.0045267	0.0066899	0.14313
p-n=150-e=1200-q=200-d=0.25	-S	0	20	3600	0.003	0.11423	0.018452	1.5054e+05	21502	0.028597	0.012009	0.11543
p-n=200-e=1600-q=200-d=0.25	-F	6	14	2917.9	1192.4	0.019947	0.0027831	2.3283e+05	97654	0.0067912	0.0059851	0.13892
p-n=200-e=1600-q=200-d=0.25	-I	11	9	2365.6	1350.3	0.15633	0.033062	64767	38054	0.0029009	0.0033452	0.084183
p-n=200-e=1600-q=200-d=0.25	-L	12	8	2167.6	1399.1	0.13868	0.026535	92510	69533	0.0021478	0.0030604	0.084999
p-n=200-e=1600-q=200-d=0.25	-P	1	19	3454.7	633.52	0.050542	0.0089847	4.4005e+05	99140	0.01185	0.0078205	0.13323
p-n=200-e=1600-q=200-d=0.25	-S	0	20	3600	0.0078102	0.18037	0.032507	91712	20674	0.036953	0.010439	0.10644
p-n=250-e=2000-q=200-d=0.25	-F	0	20	3600	0.0053619	0.027596	0.005425	2.0437e+05	39366	0.013467	0.0054283	0.13572
p-n=250-e=2000-q=200-d=0.25	-I	0	20	3600	0.011608	0.25026	0.04212	63589	15442	0.0081449	0.0054358	0.083777
p-n=250-e=2000-q=200-d=0.25	-L	1	19	3585.5	63.371	0.19337	0.039636	1.0272e+05	33361	0.0069643	0.0050394	0.085047
p-n=250-e=2000-q=200-d=0.25	-P	0	20	3600	0.003	0.06629	0.015154	3.6349e+05	54559	0.022431	0.0063286	0.12577
p-n=250-e=2000-q=200-d=0.25	-S	0	20	3600	0.0053619	0.24941	0.046738	63909	13553	0.046267	0.008408	0.10139
p-n=300-e=2400-q=200-d=0.25	-F	0	20	3600	0.0059161	0.036594	0.0045204	1.597e+05	28491	0.018592	0.0072876	0.12983
p-n=300-e=2400-q=200-d=0.25	-I	0	20	3600	0.011169	0.33885	0.069992	42530	6376.4	0.012718	0.0065401	0.079793
p-n=300-e=2400-q=200-d=0.25	-L	0	20	3600	0.0067823	0.26526	0.036921	66721	14883	0.01207	0.0061818	0.080477
p-n=300-e=2400-q=200-d=0.25	-P	0	20	3600	0.005099	0.087487	0.011912	2.8774e+05	58403	0.029539	0.0091033	0.11787
p-n=300-e=2400-q=200-d=0.25	-S	0	20	3600	0.0069821	0.32115	0.036492	41754	7750.6	0.051182	0.011594	0.094796

Table with Means and Standard Deviations - Only solved within the time limit

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
p-n=50-e=400-q=200-d=0.25	-F	20	0	5.1315	1.8546	0.0035995	0.00073468	1152.2	359.77	2.8648e-05	3.9263e-05	0.12336
p-n=50-e=400-q=200-d=0.25	-I	20	0	5.9285	4.9767	0.020047	0.0029909	929.5	843.96	5.4623e-05	3.7677e-05	0.063209
p-n=50-e=400-q=200-d=0.25	-L	20	0	4.7673	3.8021	0.017147	0.0020557	902.15	731.42	5.023e-05	3.9825e-05	0.063214
p-n=50-e=400-q=200-d=0.25	-P	20	0	4.6065	1.8356	0.0072489	0.0012196	1521.9	576.81	5.4639e-05	4.1276e-05	0.12333
p-n=50-e=400-q=200-d=0.25	-S	20	0	24.375	12.939	0.024846	0.0029538	2997.6	2294.1	6.906e-05	3.7748e-05	0.12372
p-n=100-e=800-q=200-d=0.25	-F	20	0	215.3	501.7	0.0092487	0.0013738	54285	1.439e+05	8.8016e-05	2.9564e-05	0.13632
p-n=100-e=800-q=200-d=0.25	-I	20	0	127.1	184.22	0.058541	0.0086096	8345.8	13408	9.1623e-05	1.6623e-05	0.075102
p-n=100-e=800-q=200-d=0.25	-L	20	0	90.878	134.49	0.048593	0.0062634	8754.3	16754	8.1484e-05	3.4494e-05	0.075113
p-n=100-e=800-q=200-d=0.25	-P	20	0	210.61	383.64	0.019147	0.002242	55411	1.0643e+05	9.8666e-05	2.1417e-06	0.13631
p-n=100-e=800-q=200-d=0.25	-S	10	0	1774.1	1158.9	0.070789	0.0084104	1.4606e+05	97252	9.9681e-05	4.5351e-07	0.12083
p-n=150-e=1200-q=200-d=0.25	-F	14	0	860.41	930.51	0.013355	0.0017566	1.1874e+05	1.361e+05	9.9868e-05	1.8859e-07	0.14008
p-n=150-e=1200-q=200-d=0.25	-I	18	0	750.38	720.62	0.10343	0.015633	34574	36273	9.9348e-05	6.3162e-07	0.086564
p-n=150-e=1200-q=200-d=0.25	-L	19	0	732.69	779.46	0.087566	0.013439	50877	59368	9.959e-05	5.8337e-07	0.087233
p-n=150-e=1200-q=200-d=0.25	-P	13	0	1112.4	730.02	0.03038	0.0036271	2.1446e+05	1.325e+05	9.9941e-05	8.0508e-08	0.13948
p-n=200-e=1600-q=200-d=0.25	-F	6	0	1326.2	1058.2	0.020997	0.0018255	1.1024e+05	74803	9.9944e-05	4.313e-08	0.13024
p-n=200-e=1600-q=200-d=0.25	-I	11	0	1355.7	1023.9	0.15325	0.029789	49412	38709	9.9824e-05	3.1418e-07	0.079605
p-n=200-e=1600-q=200-d=0.25	-L	12	0	1212.7	991.24	0.14115	0.015697	61303	55283	9.9836e-05	2.0251e-07	0.080603
p-n=200-e=1600-q=200-d=0.25	-P	1	0	693.22	0	0.06399	0	92436	0	9.9909e-05	0	0.12431
p-n=250-e=2000-q=200-d=0.25	-L	1	0	3309.2	0	0.22297	0	1.0313e+05	0	9.999e-05	0	0.076705

Table with Means and Standard Deviations - Only not solved within the time limit

group	params	optimal	feasible	time	time_d	relax_time	relax_time_d	nodes	nodes_d	gap	gap_d	gap_improvement
p-n=100-e=800-q=200-d=0.25	-S	0	10	3600	0.0067082	0.070589	0.011619	3.0305e+05	39207	0.01277	0.012443	0.13114
p-n=150-e=1200-q=200-d=0.25	-F	0	6	3600	0.0037268	0.013498	0.0025655	4.6513e+05	53910	0.0065171	0.002911	0.15978
p-n=150-e=1200-q=200-d=0.25	-I	0	2	3600	0.005	0.12698	0.0089985	1.6957e+05	25592	0.0049526	0.0036025	0.096705
p-n=150-e=1200-q=200-d=0.25	-L	0	1	3600	0	0.090986	0	2.8905e+05	0	0.0051998	0	0.099154
p-n=150-e=1200-q=200-d=0.25	-P	0	7	3600	0.0053452	0.029567	0.0058267	6.6471e+05	1.0036e+05	0.012748	0.0048877	0.14989
p-n=150-e=1200-q=200-d=0.25	-S	0	20	3600	0.003	0.11423	0.018452	1.5054e+05	21502	0.028597	0.012009	0.11543
p-n=200-e=1600-q=200-d=0.25	-F	0	14	3600	0.0034993	0.019497	0.0029937	2.8536e+05	44991	0.0096588	0.0048746	0.14264
p-n=200-e=1600-q=200-d=0.25	-I	0	9	3600	0.004969	0.16009	0.036315	83535	27318	0.0063244	0.0018862	0.089778
p-n=200-e=1600-q=200-d=0.25	-L	0	8	3600	0.0033072	0.13498	0.036984	1.3932e+05	62054	0.0052196	0.0027727	0.091592
p-n=200-e=1600-q=200-d=0.25	-P	0	19	3600	0.0032444	0.049835	0.0086576	4.5835e+05	60428	0.012468	0.007532	0.1337
p-n=200-e=1600-q=200-d=0.25	-S	0	20	3600	0.0078102	0.18037	0.032507	91712	20674	0.036953	0.010439	0.10644
p-n=250-e=2000-q=200-d=0.25	-F	0	20	3600	0.0053619	0.027596	0.005425	2.0437e+05	39366	0.013467	0.0054283	0.13572
p-n=250-e=2000-q=200-d=0.25	-I	0	20	3600	0.011608	0.25026	0.04212	63589	15442	0.0081449	0.0054358	0.083777
p-n=250-e=2000-q=200-d=0.25	-L	0	19	3600	0.0059546	0.19181	0.040065	1.027e+05	34227	0.0073256	0.0049113	0.085486
p-n=250-e=2000-q=200-d=0.25	-P	0	20	3600	0.003	0.06629	0.015154	3.6349e+05	54559	0.022431	0.0063286	0.12577
p-n=250-e=2000-q=200-d=0.25	-S	0	20	3600	0.0053619	0.24941	0.046738	63909	13553	0.046267	0.008408	0.10139
p-n=300-e=2400-q=200-d=0.25	-F	0	20	3600	0.0059161	0.036594	0.0045204	1.597e+05	28491	0.018592	0.0072876	0.12983
p-n=300-e=2400-q=200-d=0.25	-I	0	20	3600	0.011169	0.33885	0.069992	42530	6376.4	0.012718	0.0065401	0.079793
p-n=300-e=2400-q=200-d=0.25	-L	0	20	3600	0.0067823	0.26526	0.036921	66721	14883	0.01207	0.0061818	0.080477
p-n=300-e=2400-q=200-d=0.25	-P	0	20	3600	0.005099	0.087487	0.011912	2.8774e+05	58403	0.029539	0.0091033	0.11787
p-n=300-e=2400-q=200-d=0.25	-S	0	20	3600	0.0069821	0.32115	0.036492	41754	7750.6	0.051182	0.011594	0.094796