filename	params	status	time	value	upper_bound	gap	nodes	nodes_left	bidders	items	edges	columns	binaries	rows	relax_time	relax_value
p-n=100-e=800-q=200-d=0.25.0	-H	Optimal	17.357	2215.1	2215.3	9.7172e-05	1620	9	100	100	800	1689	800	2500	0.032002	2334.4
p-n=100-e=800-q=200-d=0.25.0	-M	Optimal	61.032	2215.1	2215.2	8.1313e-05	3003	11	100	100	800	9397	800	11008	0.16801	2334.4
p-n=100-e=800-q=200-d=0.25.0	-P	Optimal	18.017	2215.1	2215.3	9.959e-05	8871	90	100	100	800	989	800	1800	0.012001	2463.9
p-n=100-e=800-q=200-d=0.25.0	-U	Optimal	18.253	2215.1	2215.3	9.9767e-05	6347	54	100	100	800	989	800	1700	0.008	2463.9
p-n=100-e=800-q=200-d=0.25.1	-H	Optimal	321.23	2141.4	2141.6	9.9707e-05	64323	267	100	100	800	1686	800	2500	0.032002	2400
p-n=100-e=800-q=200-d=0.25.1	-M	Optimal	2321.5	2141.4	2141.6	9.9942e-05	154820	785	100	100	800	9500	800	11114	0.18001	2400
p-n=100-e=800-q=200-d=0.25.1	-P	Optimal	718.98	2141.4	2141.6	9.9884e-05	358498	1023	100	100	800	986	800	1800	0.012001	2535.2
p-n=100-e=800-q=200-d=0.25.1	-U	Optimal	2083.6	2141.4	2141.6	9.999e-05	1121481	3496	100	100	800	986	800	1700	0.008001	2535.2
p-n=100-e=800-q=200-d=0.25.2	-H	Optimal	13.529	2097.3	2097.5	9.6889e-05	1726	16	100	100	800	1692	800	2500	0.024002	2215.9
p-n=100-e=800-q=200-d=0.25.2	-M	Optimal	33.59	2097.3	2097.5	9.6486e-05	1867	15	100	100	800	9562	800	11170	0.14401	2215.9
p-n=100-e=800-q=200-d=0.25.2	-P	Optimal	9.9166	2097.3	2097.5	9.998e-05	3027	12	100	100	800	992	800	1800	0.012	2363.8
p-n=100-e=800-q=200-d=0.25.2	-U	Optimal	8.9406	2097.3	2097.5	9.507e-05	2408	6	100	100	800	992	800	1700	0.008	2363.8
p-n=100-e=800-q=200-d=0.25.3	-H	Optimal	13.609	2116	2116.2	8.4527e-05	1236	12	100	100	800	1694	800	2500	0.024001	2266.9
p-n=100-e=800-q=200-d=0.25.3	-M	Optimal	50.987	2116	2116.2	8.7062e-05	1667	11	100	100	800	9588	800	11194	0.14801	2266.9
p-n=100-e=800-q=200-d=0.25.3	-P	Optimal	27.114	2116	2116.2	9.814e-05	10769	46	100	100	800	994	800	1800	0.012	2400.7
p-n=100-e=800-q=200-d=0.25.3	-U	Optimal	27.31	2116	2116.2	9.831e-05	8972	45	100	100	800	994	800	1700	0.004001	2400.7
p-n=100-e=800-q=200-d=0.25.4	-H	Optimal	51.551	2156.4	2156.6	9.9443e-05	8343	49	100	100	800	1690	800	2500	0.024001	2319.8
p-n=100-e=800-q=200-d=0.25.4	-M	Optimal	137.98	2156.4	2156.6	9.9487e-05	8206	90	100	100	800	9320	800	10930	0.14401	2319.8
p-n=100-e=800-q=200-d=0.25.4	-P	Optimal	121.88	2156.4	2156.6	9.9886e-05	68550	475	100	100	800	990	800	1800	0.012001	2428.9
p-n=100-e=800-q=200-d=0.25.4	-U	Optimal	89.014	2156.4	2156.6	9.9626e-05	34703	243	100	100	800	990	800	1700	0.004	2428.9
p-n=100-e=800-q=200-d=0.25.5	-H	Optimal	19.169	2292.6	2292.7	5.1991e-05	1619	11	100	100	800	1691	800	2500	0.032002	2450.7
p-n=100-e=800-q=200-d=0.25.5	-M	Optimal	57.664	2292.6	2292.8	8.1614e-05	1908	8	100	100	800	9279	800	10888	0.23601	2450.5
p-n=100-e=800-q=200-d=0.25.5	-P	Optimal	14.477	2292.6	2292.8	9.8893e-05	3455	24	100	100	800	991	800	1800	0.012001	2604.4
p-n=100-e=800-q=200-d=0.25.5	-U	Optimal	13.261	2292.6	2292.8	9.746e-05	2303	8	100	100	800	991	800	1700	0.008	2604.4
p-n=100-e=800-q=200-d=0.25.6	-H	Optimal	16.569	2138.6	2138.8	9.4789e-05	1929	20	100	100	800	1693	800	2500	0.024001	2271.4
p-n=100-e=800-q=200-d=0.25.6	-M	Optimal	79.789	2138.6	2138.8	9.9689e-05	6457	76	100	100	800	9153	800	10760	0.13201	2271.4
p-n=100-e=800-q=200-d=0.25.6	-P	Optimal	33.298	2138.6	2138.8	9.2369e-05	14301	100	100	100	800	993	800	1800	0.008	2404.8
p-n=100-e=800-q=200-d=0.25.6	-U	Optimal	31.85	2138.6	2138.8	9.9856e-05	12604	102	100	100	800	993	800	1700	0.008001	2404.8
p-n=100-e=800-q=200-d=0.25.7	-H	Optimal	51.855	2135.8	2136	9.8723e-05	7382	47	100	100	800	1696	800	2500	0.028002	2317.3
p-n=100-e=800-q=200-d=0.25.7	-M	Optimal	185.1	2135.8	2136	9.9186e-05	10794	70	100	100	800	9468	800	11072	0.14801	2317.3
p-n=100-e=800-q=200-d=0.25.7	-P	Optimal	119.16	2135.8	2136	9.9996e-05	54344	272	100	100	800	996	800	1800	0.012001	2447.9
p-n=100-e=800-q=200-d=0.25.7	-U	Optimal	143.95	2135.8	2136	9.9701e-05	69909	372	100	100	800	996	800	1700	0.008	2447.9
p-n=100-e=800-q=200-d=0.25.8	-H	Optimal	19.569	2042.5	2042.7	9.0923e-05	2164	20	100	100	800	1692	800	2500	0.032002	2199.1
p-n=100-e=800-q=200-d=0.25.8	-M	Optimal	81.801	2042.5	2042.7	9.9524e-05	3358	30	100	100	800	9304	800	10912	0.16801	2199
p-n=100-e=800-q=200-d=0.25.8	-P	Optimal	30.798	2042.5	2042.7	9.8672e-05	10754	66	100	100	800	992	800	1800	0.012001	2344.6
p-n=100-e=800-q=200-d=0.25.8	-U	Optimal	24.982	2042.5	2042.7	9.867e-05	8672	63	100	100	800	992	800	1700	0.008001	2344.6
p-n=100-e=800-q=200-d=0.25.9	-H	Optimal	348.27	2027.5	2027.7	9.9853e-05	92596	642	100	100	800	1694	800	2500	0.032002	2242.5
p-n=100-e=800-q=200-d=0.25.9	-M	Optimal	1044.8	2027.5	2027.7	9.983e-05	86788	589	100	100	800	9628	800	11234	0.17601	2242.5
p-n=100-e=800-q=200-d=0.25.9	-P	Optimal	310.36	2027.5	2027.7	9.9837e-05	185894	865	100	100	800	994	800	1800	0.012001	2364.1
p-n=100-e=800-q=200-d=0.25.9	-U	Optimal	547.12	2027.5	2027.7	9.9992e-05	243262	1134	100	100	800	994	800	1700	0.008	2364.1
p-n=150-e=1200-q=200-d=0.25.0	-H	Optimal	563.91	3157.7	3158.1	9.9858e-05	73925	778	150	150	1200	2531	1200	3750	0.048003	3464.4
p-n=150-e=1200-q=200-d=0.25.0	-M	Optimal	1334.9	3157.7	3158.1	9.9961e-05	85564	998	150	150	1200	14013	1200	16432	0.27602	3464.4
p-n=150-e=1200-q=200-d=0.25.0	-P	Optimal	3206.5	3157.7	3158.1	9.9996e-05	1263780	9216	150	150	1200	1481	1200	2700	0.024001	3662.8
p-n=150-e=1200-q=200-d=0.25.0	-U	Optimal	1171.7	3157.7	3158.1	9.9994e-05	306054	3300	150	150	1200	1481	1200	2550	0.012001	3662.8
p-n=150-e=1200-q=200-d=0.25.1	-H	Optimal	33.814	3309.4	3309.7	9.7545e-05	2598	47	150	150	1200	2541	1200	3750	0.048003	3530.4
p-n=150-e=1200-q=200-d=0.25.1	-M	Optimal	121.06	3309.4	3309.7	9.687e-05	2971	44	150	150	1200	14111	1200	16520	0.26802	3530.4
p-n=150-e=1200-q=200-d=0.25.1	-P	Optimal	97.454	3309.4	3309.7	9.9933e-05	29406	291	150	150	1200	1491	1200	2700	0.020001	3722.8
p-n=150-e=1200-q=200-d=0.25.1	-U	Optimal	44.871	3309.4	3309.7	9.9552e-05	8849	147	150	150	1200	1491	1200	2550	0.012	3722.8
p-n=150-e=1200-q=200-d=0.25.2	-H	Optimal	105.38	3087.6	3087.9	9.9903e-05	14394	262	150	150	1200	2542	1200	3750	0.048003	3336.9
p-n=150-e=1200-q=200-d=0.25.2	-M	Optimal	402.37	3087.6	3087.9	9.9697e-05	20760	331	150	150	1200	14344	1200	16752	0.30402	3336.9
p-n=150-e=1200-q=200-d=0.25.2	-P	Optimal	228.58	3087.6	3087.9	9.9888e-05	91153	1189	150	150	1200	1492	1200	2700	0.016001	3504.3
p-n=150-e=1200-q=200-d=0.25.2	-U	Optimal	74.545	3087.6	3087.9	9.9506e-05	16839	292	150	150	1200	1492	1200	2550	0.012001	3504.3
p-n=150-e=1200-q=200-d=0.25.3	-H	Optimal	57.456	3342.9	3343.2	9.926e-05	7438	94	150	150	1200	2538	1200	3750	0.040003	3619.6
p-n=150-e=1200-q=200-d=0.25.3	-M	Optimal	256.88	3342.9	3343.2	9.9699e-05	11229	124	150	150	1200	14172	1200	16584	0.25602	3619.6
p-n=150-e=1200-q=200-d=0.25.3	-P	Optimal	158.95	3342.9	3343.2	9.9881e-05	56487	600	150	150	1200	1488	1200	2700	0.016001	3777.8
p-n=150-e=1200-q=200-d=0.25.3	-U	Optimal	108.02	3342.9	3343.2	9.9338e-05	29202	258	150	150	1200	1488	1200	2550	0.012001	3777.8
p-n=150-e=1200-q=200-d=0.25.4	-H	Optimal	63.196	3223.5	3223.8	9.936e-05	7072	88	150	150	1200	2534	1200	3750	0.044002	3455
p-n=150-e=1200-q=200-d=0.25.4	-M	Optimal	287.24	3223.5	3223.8	9.9509e-05	12067	196	150	150	1200	14126	1200	16542	0.26802	3454.9
p-n=150-e=1200-q=200-d=0.25.4	-P	Optimal	267.3	3223.5	3223.8	9.9991e-05	107827	869	150	150	1200	1484	1200	2700	0.016001	3649.4
p-n=150-e=1200-q=200-d=0.25.4	-U	Optimal	158.35	3223.5	3223.8	9.988e-05	45766	543	150	150	1200	1484	1200	2550	0.012	3649.4
p-n=150-e=1200-q=200-d=0.25.5	-H	Optimal	101.61	3173.5	3173.8	9.9961e-05	12933	182	150	150	1200	2537	1200	3750	0.044003	3402.8
p-n=150-e=1200-q=200-d=0.25.5	-M	Optimal	250.22	3173.5	3173.8	9.9333e-05	9741	134	150	150	1200	14377	1200	16790	0.29602	3402.8
p-n=150-e=1200-q=200-d=0.25.5	-P	Optimal	1134.4	3173.5	3173.8	9.9979e-05	484816	4780	150	150	1200	1487	1200	2700	0.016001	3599.3
p-n=150-e=1200-q=200-d=0.25.5	-U	Optimal	435.61	3173.5	3173.8	9.996e-05	123471	1731	150	150	1200	1487	1200	2550	0.008001	3599.3
p-n=150-e=1200-q=200-d=0.25.6	-H	Optimal	967.31	3130.7	3131.1	9.9915e-05	101529	1143	150	150	1200	2526	1200	3750	0.060004	3464.9
p-n=150-e=1200-q=200-d=0.25.6	-M	Optimal	2364.5	3130.7	3131.1	9.9978e-05	81706	871	150	150	1200	14252	1200	16676	0.31602	3464.9
p-n=150-e=1200-q=200-d=0.25.6	-P	Optimal	1143.4	3130.7	3131.1	9.9975e-05	300757	2081	150	150	1200	1476	1200	2700	0.020001	3663.8
p-n=150-e=1200-q=200-d=0.25.6	-U	Optimal	1057.3	3130.7	3131.1	9.999e-05	216598	2121	150	150	1200	1476	1200	2550	0.012001	3663.8
p-n=150-e=1200-q=200-d=0.25.7	-H	Optimal	1313.8	3216.1	3216.4	9.9996e-05	238122	3285	150	150	1200	2535	1200	3750	0.052003	3487.5
p-n=150-e=1200-q=200-d=0.25.7	-M	Feasible	3580.8	3216.1	3233.2	0.0053245	104196	64070	150	150	1200	14189	1200	16604	0.28002	3487.5
p-n=150-e=1200-q=200-d=0.25.7	-P	Feasible	3572.7	3216.1	3229.3	0.0041091	1561266	710093	150	150	1200	1485	1200	2700	0.020002	3686
p-n=150-e=1200-q=200-d=0.25.7	-U	Feasible	3577.5	3216.1	3226.6	0.003266	940978	398646	150	150	1200	1485	1200	2550	0.012	3686
p-n=150-e=1200-q=200-d=0.25.8	-H	Optimal	323.7	3303.9	3304.2	9.9901e-05	60010	874	150	150	1200	2537	1200	3750	0.040003	3595.7
p-n=150-e=1200-q=200-d=0.25.8	-M	Optimal	2112.7	3303.9	3304.2	9.9921e-05	92361	1231	150	150	1200	14211	1200	16624	0.26002	3595.7
p-n=150-e=1200-q=200-d=0.25.8	-P	Optimal	2094.5	3303.9	3304.2	9.9994e-05	819917	7325	150	150	1200	1487	1200	2700	0.020001	3774.1
p-n=150-e=1200-q=200-d=0.25.8	-U	Optimal	1024.1	3303.9	3304.2	9.9967e-05	356575	3973	150	150	1200	1487	1200	2550	0.012001	3774.1
p-n=150-e=1200-q=200-d=0.25.9	-H	Optimal	94.95	3384	3384.3	9.8911e-05	11222	182	150	150	1200	2536	1200	3750	0.040002	3654.4
p-n=150-e=1200-q=200-d=0.25.9	-M	Optimal	657.58	3384	3384.3	9.9877e-05	31665	445	150	150	1200	14252	1200	16666	0.28402	3654.4
p-n=150-e=1200-q=200-d=0.25.9	-P	Optimal	579.45	3384	3384.3	9.9952e-05	226335	2223	150	150	1200	1486	1200	2700	0.020001	3834.5
p-n=150-e=1200-q=200-d=0.25.9	-U	Optimal	391.46	3384	3384.3	9.9983e-05	101557	1322	150	150	1200	1486	1200	2550	0.012001	3834.5

filename	params	status	time	value	upper_bound	gap	nodes	nodes_left	bidders	items	edges	columns	binaries	rows	relax_time	relax_value
p-n=200-e=1600-q=200-d=0.25.0	-H	Optimal	2473	4078.3	4078.7	9.9941e-05	241167	3738	200	200	1600	3382	1600	5000	0.072005	4461.1
p-n=200-e=1600-q=200-d=0.25.0	-M	Feasible	3580.3	4078.3	4124.9	0.011415	63815	46790	200	200	1600	18984	1600	22202	0.43203	4461.1
p-n=200-e=1600-q=200-d=0.25.0	-P	Feasible	3570	4078.3	4131.9	0.013136	866102	671404	200	200	1600	1982	1600	3600	0.028002	4687.2
p-n=200-e=1600-q=200-d=0.25.0	-U	Feasible	3576.8	4078.3	4110.8	0.0079567	468721	325388	200	200	1600	1982	1600	3400	0.012001	4687.2
p-n=200-e=1600-q=200-d=0.25.1	-H	Feasible	3580.6	4308.3	4313.2	0.0011405	254517	49757	200	200	1600	3381	1600	5000	0.092006	4676.9
p-n=200-e=1600-q=200-d=0.25.1	-M	Feasible	3581.3	4308.3	4353.6	0.010513	52019	40445	200	200	1600	19007	1600	22226	0.44003	4676.9
p-n=200-e=1600-q=200-d=0.25.1	-P	Feasible	3572	4308.3	4372.9	0.014991	753084	605717	200	200	1600	1981	1600	3600	0.032002	4921.9
p-n=200-e=1600-q=200-d=0.25.1	-U	Feasible	3574	4308.3	4348.4	0.0093084	551777	410141	200	200	1600	1981	1600	3400	0.016001	4921.9
p-n=200-e=1600-q=200-d=0.25.2	-H	Optimal	324.31	4239.8	4240.2	9.9863e-05	28864	578	200	200	1600	3381	1600	5000	0.064004	4609.5
p-n=200-e=1600-q=200-d=0.25.2	-M	Optimal	2231	4239.8	4240.2	9.9963e-05	62478	1025	200	200	1600	18419	1600	21638	0.41603	4609.4
p-n=200-e=1600-q=200-d=0.25.2	-P	Feasible	3573.6	4239.8	4251.4	0.0027457	919247	310138	200	200	1600	1981	1600	3600	0.020001	4844.4
p-n=200-e=1600-q=200-d=0.25.2	-U	Optimal	804.17	4239.8	4240.2	9.9939e-05	132944	1741	200	200	1600	1981	1600	3400	0.016001	4844.4
p-n=200-e=1600-q=200-d=0.25.3	-H	Optimal	255.33	4161.2	4161.6	9.978e-05	18018	636	200	200	1600	3385	1600	5000	0.068004	4441.2
p-n=200-e=1600-q=200-d=0.25.3	-M	Feasible	3580	4161.2	4166.5	0.0012648	102837	28752	200	200	1600	19335	1600	22550	0.40003	4441.2
p-n=200-e=1600-q=200-d=0.25.3	-P	Optimal	1796	4161.2	4161.6	9.9994e-05	492790	7123	200	200	1600	1985	1600	3600	0.028002	4672.8
p-n=200-e=1600-q=200-d=0.25.3	-U	Optimal	801.46	4161.2	4161.6	9.9985e-05	153913	2960	200	200	1600	1985	1600	3400	0.020001	4672.8
p-n=200-e=1600-q=200-d=0.25.4	-H	Optimal	1145.3	4167.2	4167.6	9.996e-05	114772	2494	200	200	1600	3380	1600	5000	0.068004	4528.6
p-n=200-e=1600-q=200-d=0.25.4	-M	Feasible	3580.5	4167.2	4188.8	0.0051854	87483	49173	200	200	1600	18942	1600	22162	0.47603	4528.5
p-n=200-e=1600-q=200-d=0.25.4	-P	Feasible	3570.4	4167.2	4210.6	0.010418	1071425	786839	200	200	1600	1980	1600	3600	0.028001	4796.9
p-n=200-e=1600-q=200-d=0.25.4	-U	Feasible	3575.4	4167.2	4191.2	0.0057505	639713	418148	200	200	1600	1980	1600	3400	0.016001	4796.9
p-n=200-e=1600-q=200-d=0.25.5	-H	Feasible	3578.8	4372.9	4389.2	0.0037358	288403	178556	200	200	1600	3377	1600	5000	0.068004	4782.8
p-n=200-e=1600-q=200-d=0.25.5	-M	Feasible	3579.5	4372.9	4430.9	0.013252	47236	32999	200	200	1600	19079	1600	22302	0.34402	4782.7
p-n=200-e=1600-q=200-d=0.25.5	-P	Feasible	3571.4	4372.9	4440.2	0.015383	798960	652725	200	200	1600	1977	1600	3600	0.028002	5025.8
p-n=200-e=1600-q=200-d=0.25.5	-U	Feasible	3574	4372.9	4421.9	0.01121	525814	432035	200	200	1600	1977	1600	3400	0.016001	5025.8
p-n=200-e=1600-q=200-d=0.25.6	-H	Optimal	247.28	4154.8	4155.2	9.9987e-05	26359	690	200	200	1600	3382	1600	5000	0.068005	4475.6
p-n=200-e=1600-q=200-d=0.25.6	-M	Optimal	1955.7	4154.8	4155.2	9.9997e-05	84235	1581	200	200	1600	19176	1600	22394	0.42003	4475.6
p-n=200-e=1600-q=200-d=0.25.6	-P	Feasible	3570.3	4154.8	4165.4	0.0025338	1042040	428943	200	200	1600	1982	1600	3600	0.020002	4725
p-n=200-e=1600-q=200-d=0.25.6	-U	Optimal	720.11	4154.8	4155.2	9.9938e-05	116073	2206	200	200	1600	1982	1600	3400	0.016001	4725
p-n=200-e=1600-q=200-d=0.25.7	-H	Optimal	56.788	4434.9	4435.3	9.8021e-05	3255	95	200	200	1600	3383	1600	5000	0.064004	4730.1
p-n=200-e=1600-q=200-d=0.25.7	-M	Optimal	301.77	4434.9	4435.3	9.9975e-05	11840	306	200	200	1600	19169	1600	22386	0.39202	4730
p-n=200-e=1600-q=200-d=0.25.7	-P	Optimal	385.09	4434.9	4435.3	9.9931e-05	113058	1675	200	200	1600	1983	1600	3600	0.028002	4986.7
p-n=200-e=1600-q=200-d=0.25.7	-U	Optimal	243.51	4434.9	4435.3	9.9923e-05	43116	1006	200	200	1600	1983	1600	3400	0.024002	4986.7
p-n=200-e=1600-q=200-d=0.25.8	-H	Optimal	1600.2	4401.4	4401.9	9.9971e-05	129543	2808	200	200	1600	3384	1600	5000	0.080005	4824.9
p-n=200-e=1600-q=200-d=0.25.8	-M	Feasible	3581.6	4401.4	4440.3	0.0088346	36684	24196	200	200	1600	19036	1600	22252	0.42803	4824.9
p-n=200-e=1600-q=200-d=0.25.8	-P	Feasible	3573.3	4401.4	4459.9	0.013286	669187	494578	200	200	1600	1984	1600	3600	0.032002	5123.2
p-n=200-e=1600-q=200-d=0.25.8	-U	Feasible	3574.2	4401.4	4429.8	0.0064597	398988	276925	200	200	1600	1984	1600	3400	0.016001	5123.2
p-n=200-e=1600-q=200-d=0.25.9	-H	Optimal	793.33	4417.7	4418.1	9.9965e-05	86681	1907	200	200	1600	3378	1600	5000	0.084005	4871.3
p-n=200-e=1600-q=200-d=0.25.9	-M	Feasible	3580.3	4417.7	4424.3	0.001487	89291	23383	200	200	1600	19376	1600	22598	0.43203	4871.2
p-n=200-e=1600-q=200-d=0.25.9	-P	Feasible	3568.9	4417.7	4456.3	0.0087358	918724	629290	200	200	1600	1978	1600	3600	0.032002	5106.2
p-n=200-e=1600-q=200-d=0.25.9	-U	Feasible	3574.6	4417.7	4434	0.0036934	502706	291294	200	200	1600	1978	1600	3400	0.016001	5106.2
p-n=250-e=2000-q=200-d=0.25.0	-H	Feasible	3580	5465	5525.9	0.011131	236022	188162	250	250	2000	4214	2000	6250	0.096006	5991.8
p-n=250-e=2000-q=200-d=0.25.0	-M	Feasible	3580.9	5465	5585.4	0.022025	36817	30867	250	250	2000	23620	2000	27656	0.60804	5991.6
p-n=250-e=2000-q=200-d=0.25.0	-P	Feasible	3567.9	5465	5616.6	0.027747	723340	649920	250	250	2000	2464	2000	4500	0.040003	6287.6
p-n=250-e=2000-q=200-d=0.25.0	-U	Feasible	3561.6	5465	5559.5	0.017289	317023	276237	250	250	2000	2464	2000	4250	0.020001	6287.6
p-n=250-e=2000-q=200-d=0.25.1	-H	Feasible	3583	5341.1	5388.9	0.0089498	207759	164924	250	250	2000	4222	2000	6250	0.060004	5905.3
p-n=250-e=2000-q=200-d=0.25.1	-M	Feasible	3584.5	5341.1	5424.1	0.015523	45146	37198	250	250	2000	23842	2000	27870	0.46403	5905.3
p-n=250-e=2000-q=200-d=0.25.1	-P	Feasible	3568.9	5341.1	5458.3	0.021937	991168	884665	250	250	2000	2472	2000	4500	0.040003	6182.1
p-n=250-e=2000-q=200-d=0.25.1	-U	Feasible	3580.3	5341.1	5421.6	0.015074	550017	479702	250	250	2000	2472	2000	4250	0.016001	6182.1
p-n=250-e=2000-q=200-d=0.25.2	-H	Optimal	3503	5186.5	5187	9.9981e-05	285588	5451	250	250	2000	4226	2000	6250	0.080005	5624.8
p-n=250-e=2000-q=200-d=0.25.2	-M	Feasible	3580.2	5186.5	5235.1	0.0093745	55902	36601	250	250	2000	23756	2000	27780	0.60004	5624.8
p-n=250-e=2000-q=200-d=0.25.2	-P	Feasible	3569.6	5186.5	5272.2	0.016532	646541	537577	250	250	2000	2476	2000	4500	0.036002	5914.1
p-n=250-e=2000-q=200-d=0.25.2	-U	Feasible	3579.3	5186.5	5217.1	0.0058985	366501	263173	250	250	2000	2476	2000	4250	0.020001	5914.1
p-n=250-e=2000-q=200-d=0.25.3	-H	Feasible	3579.7	5334.4	5384.2	0.0093285	186768	147816	250	250	2000	4216	2000	6250	0.088005	5870.6
p-n=250-e=2000-q=200-d=0.25.3	-M	Feasible	3573.8	5334.4	5426.8	0.017319	53746	45245	250	250	2000	23546	2000	27580	0.59204	5870.5
p-n=250-e=2000-q=200-d=0.25.3	-P	Feasible	3569.2	5334.4	5476.7	0.02667	745141	673655	250	250	2000	2466	2000	4500	0.040002	6216.5
p-n=250-e=2000-q=200-d=0.25.3	-U	Feasible	3562.8	5334.4	5428.3	0.017601	375846	333689	250	250	2000	2466	2000	4250	0.024002	6216.5
p-n=250-e=2000-q=200-d=0.25.4	-H	Feasible	3579.8	5313.8	5342.2	0.0053553	223206	149090	250	250	2000	4214	2000	6250	0.10001	5766.8
p-n=250-e=2000-q=200-d=0.25.4	-M	Feasible	3579.9	5313.8	5373.5	0.011241	76044	60207	250	250	2000	23546	2000	27582	0.57604	5766.8
p-n=250-e=2000-q=200-d=0.25.4	-P	Feasible	3569.7	5313.8	5417.6	0.01953	840651	728331	250	250	2000	2464	2000	4500	0.032002	6097.1
p-n=250-e=2000-q=200-d=0.25.4	-U	Feasible	3576.1	5313.8	5376.8	0.01186	368026	306947	250	250	2000	2464	2000	4250	0.032002	6097.1
p-n=250-e=2000-q=200-d=0.25.5	-H	Feasible	3580.6	5148.5	5219.2	0.013739	117328	93031	250	250	2000	4223	2000	6250	0.10401	5706.8
p-n=250-e=2000-q=200-d=0.25.5	-M	Feasible	3581	5148.5	5286.5	0.026802	35981	31389	250	250	2000	23733	2000	27760	0.68404	5706.8
p-n=250-e=2000-q=200-d=0.25.5	-P	Feasible	3568.3	5148.5	5319.6	0.033226	782832	710550	250	250	2000	2473	2000	4500	0.040002	6050.6
p-n=250-e=2000-q=200-d=0.25.5	-U	Feasible	3580.4	5148.5	5259.5	0.021554	266765	239283	250	250	2000	2473	2000	4250	0.016001	6050.6
p-n=250-e=2000-q=200-d=0.25.6	-H	Optimal	2666.7	5256.3	5256.8	9.9988e-05	195695	4435	250	250	2000	4227	2000	6250	0.10401	5781.4
p-n=250-e=2000-q=200-d=0.25.6	-M	Feasible	3580.1	5256.3	5295.6	0.0074761	49502	31467	250	250	2000	23903	2000	27926	0.69604	5781.4
p-n=250-e=2000-q=200-d=0.25.6	-P	Feasible	3567.3	5256.3	5335.5	0.015069	777580	623046	250	250	2000	2477	2000	4500	0.044003	6061.1
p-n=250-e=2000-q=200-d=0.25.6	-U	Feasible	3567.6	5256.3	5282	0.0048959	371415	250695	250	250	2000	2477	2000	4250	0.020001	6061.1
p-n=250-e=2000-q=200-d=0.25.7	-H	Feasible	3578.5	5279.4	5287	0.0014315	338459	142043	250	250	2000	4228	2000	6250	0.13601	5741.1
p-n=250-e=2000-q=200-d=0.25.7	-M	Feasible	3579.4	5279.4	5326.1	0.008844	67343	50679	250	250	2000	23964	2000	27986	0.64404	5741
p-n=250-e=2000-q=200-d=0.25.7	-P	Feasible	3567.7	5279.4	5353.7	0.014069	697781	584390	250	250	2000	2478	2000	4500	0.036002	6059.9
p-n=250-e=2000-q=200-d=0.25.7	-U	Feasible	3577.3	5279.4	5322.9	0.0082226	533615	416187	250	250	2000	2478	2000	4250	0.016001	6059.9
p-n=250-e=2000-q=200-d=0.25.8	-H	Optimal	1239.5	5562.6	5563.1	9.9853e-05	66971	1619	250	250	2000	4219	2000	6250	0.12401	5989.8
p-n=250-e=2000-q=200-d=0.25.8	-M	Feasible	3579.3	5562.6	5600.2	0.0067683	34310	24028	250	250	2000	23897	2000	27928	0.71204	5989.8
p-n=250-e=2000-q=200-d=0.25.8	-P	Feasible	3570.2	5562.6	5638	0.013558	682493	557257	250	250	2000	2469	2000	4500	0.036003	6332.5
p-n=250-e=2000-q=200-d=0.25.8	-U	Feasible	3578.8	5562.6	5597	0.0061955	363756	273696	250	250	2000	2469	2000	4250	0.016001	6332.5
p-n=250-e=2000-q=200-d=0.25.9	-H	Feasible	3579.8	5120.6	5144	0.0045741	249788	165920	250	250	2000	4210	2000	6250	0.084005	5671.5
p-n=250-e=2000-q=200-d=0.25.9	-M	Feasible	3581.4	5120.6	5174.7	0.010567	46610	35461	250	250	2000	23738	2000	27778	0.59604	5671.4
p-n=250-e=2000-q=200-d=0.25.9	-P	Feasible	3570.4	5120.6	5234.6	0.022278	614798	536028	250	250	2000	2460	2000	4500	0.040002	5919.6
p-n=250-e=2000-q=200-d=0.25.9	-U	Feasible	3579.8	5120.6	5174.1	0.010448	430393	354364	250	250	2000	2460	2000	4250	0.016001	5919.6

filename	params	status	time	value	upper_bound	gap	nodes	nodes_left	bidders	items	edges	columns	binaries	rows	relax_time	relax_value