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=3200-q=200-d=0.25.0	-P	Feasible	3573.1	2495.3	2535.7	0.016213	461100	411615	200	200	3200	3589	3200	6800	0.060004	2791.6
p-n=200-e=3200-q=200-d=0.25.0	-H	Feasible	3576.4	2495.3	2514.9	0.007863	78471	61566	200	200	3200	6589	3200	9800	0.20001	2658.8
p-n=200-e=3200-q=200-d=0.25.0	-U	Feasible	3573	2495.3	2525.4	0.012064	216159	188876	200	200	3200	3589	3200	6600	0.036002	2791.6
p-n=200-e=800-q=200-d=0.25.0	-H	Optimal	13.625	6496.7	6497.4	9.8926e-05	2660	13	200	200	800	1757	800	2600	0.028002	7248.9
p-n=200-e=800-q=200-d=0.25.0	-P	Optimal	22.793	6496.7	6497.4	9.9583e-05	9395	117	200	200	800	1157	800	2000	0.016001	7612.8
p-n=200-e=800-q=200-d=0.25.0	-U	Optimal	24.346	6496.7	6497.4	9.8151e-05	9973	91	200	200	800	1157	800	1800	0.008	7612.8
p-n=200-e=3200-q=200-d=0.25.1	-H	Feasible	3574.4	2436.6	2491.8	0.022663	90345	82055	200	200	3200	6592	3200	9800	0.23201	2632.7
p-n=200-e=3200-q=200-d=0.25.1	-P	Feasible	3575.6	2436.6	2519.2	0.033867	580835	549889	200	200	3200	3592	3200	6800	0.044003	2779.7
p-n=200-e=3200-q=200-d=0.25.1	-U	Feasible	3570.5	2436.6	2502.4	0.02701	297553	279399	200	200	3200	3592	3200	6600	0.024002	2779.7
p-n=200-e=800-q=200-d=0.25.1	-H	Optimal	3.4842	6805.6	6806.2	9.536e-05	1027	16	200	200	800	1754	800	2600	0.032002	7571.6
p-n=200-e=800-q=200-d=0.25.1	-P	Optimal	8.5965	6805.6	6806.2	9.0914e-05	1962	6	200	200	800	1154	800	2000	0.012001	7877.7
p-n=200-e=800-q=200-d=0.25.1	-U	Optimal	9.7686	6805.6	6806.2	9.7656e-05	2006	10	200	200	800	1154	800	1800	0.008	7877.7
p-n=200-e=800-q=200-d=0.25.2	-H	Optimal	13.793	6628	6628.6	9.8464e-05	2201	13	200	200	800	1748	800	2600	0.032002	7617.3
p-n=200-e=800-q=200-d=0.25.2	-P	Optimal	15.461	6628	6628.6	9.8337e-05	4677	33	200	200	800	1148	800	2000	0.016001	7983
p-n=200-e=800-q=200-d=0.25.2	-U	Optimal	15.861	6628	6628.6	9.3667e-05	4804	41	200	200	800	1148	800	1800	0.008001	7983
p-n=200-e=3200-q=200-d=0.25.2	-H	Feasible	3563	2435.6	2484.8	0.020167	93229	82376	200	200	3200	6589	3200	9800	0.21201	2630.8
p-n=200-e=3200-q=200-d=0.25.2	-P	Feasible	3575.7	2435.6	2503.5	0.02788	499007	458421	200	200	3200	3589	3200	6800	0.048003	2753.4
p-n=200-e=3200-q=200-d=0.25.2	-U	Feasible	3567.7	2435.6	2489.3	0.022055	225776	210376	200	200	3200	3589	3200	6600	0.040003	2753.4
p-n=200-e=800-q=200-d=0.25.3	-H	Optimal	3.2402	6597	6597.6	8.9947e-05	738	9	200	200	800	1752	800	2600	0.028002	7241.9
p-n=200-e=800-q=200-d=0.25.3	-P	Optimal	7.9005	6597	6597.7	9.8495e-05	1164	2	200	200	800	1152	800	2000	0.016001	7545.3
p-n=200-e=800-q=200-d=0.25.3	-U	Optimal	7.3085	6597	6597.6	9.0889e-05	613	37	200	200	800	1152	800	1800	0.008001	7545.3
p-n=200-e=3200-q=200-d=0.25.3	-H	Feasible	3575.6	2453.4	2492	0.015719	95429	83287	200	200	3200	6592	3200	9800	0.19201	2629.1
p-n=200-e=3200-q=200-d=0.25.3	-P	Feasible	3575.8	2453.4	2519.7	0.027003	519111	483111	200	200	3200	3592	3200	6800	0.056003	2770.2
p-n=200-e=3200-q=200-d=0.25.3	-U	Feasible	3572.9	2453.4	2506.7	0.021699	211180	195552	200	200	3200	3592	3200	6600	0.032002	2770.2
p-n=200-e=3200-q=200-d=0.25.4	-H	Feasible	3575.7	2515.1	2545.6	0.012128	82925	70634	200	200	3200	6592	3200	9800	0.19601	2683.2
p-n=200-e=3200-q=200-d=0.25.4	-P	Feasible	3575.4	2515.1	2570.3	0.021947	547133	502596	200	200	3200	3592	3200	6800	0.048003	2812.9
p-n=200-e=800-q=200-d=0.25.4	-P	Optimal	6.1524	7330.1	7330.1	0	1047	0	200	200	800	1160	800	2000	0.020001	8269.8
p-n=200-e=3200-q=200-d=0.25.4	-U	Feasible	3575.6	2515.1	2554.4	0.015619	245108	222199	200	200	3200	3592	3200	6600	0.032002	2812.9
p-n=200-e=800-q=200-d=0.25.4	-H	Optimal	1.9001	7330.1	7330.8	9.9141e-05	569	14	200	200	800	1760	800	2600	0.036002	7785.2
p-n=200-e=800-q=200-d=0.25.4	-U	Optimal	5.3083	7330.1	7330.1	-1.2408e-16	550	0	200	200	800	1160	800	1800	0.004001	8269.8
p-n=200-e=800-q=200-d=0.25.5	-H	Optimal	3.5922	6658.4	6659	9.9698e-05	1192	34	200	200	800	1757	800	2600	0.032002	7288.5
p-n=200-e=3200-q=200-d=0.25.5	-H	Feasible	3561.2	2556.8	2614	0.02236	123135	110740	200	200	3200	6586	3200	9800	0.20401	2759.2
p-n=200-e=800-q=200-d=0.25.5	-P	Optimal	6.7924	6658.4	6658.7	4.6087e-05	1200	6	200	200	800	1157	800	2000	0.016001	7635.3
p-n=200-e=800-q=200-d=0.25.5	-U	Optimal	6.7084	6658.4	6659	9.5814e-05	869	9	200	200	800	1157	800	1800	0.008	7635.3
p-n=200-e=3200-q=200-d=0.25.5	-P	Feasible	3577.4	2556.8	2639.5	0.032348	490687	462259	200	200	3200	3586	3200	6800	0.048003	2889.4
p-n=200-e=3200-q=200-d=0.25.5	-U	Feasible	3571.3	2556.8	2619.5	0.024534	295378	275710	200	200	3200	3586	3200	6600	0.028001	2889.4
p-n=200-e=800-q=200-d=0.25.6	-H	Optimal	10.209	6953.6	6954	5.1988e-05	1701	3	200	200	800	1758	800	2600	0.032002	7540.3
p-n=200-e=800-q=200-d=0.25.6	-P	Optimal	19.753	6953.6	6954.3	9.9962e-05	9282	145	200	200	800	1158	800	2000	0.016001	8066.2
p-n=200-e=800-q=200-d=0.25.6	-U	Optimal	12.097	6953.6	6954.3	9.9611e-05	3627	70	200	200	800	1158	800	1800	0.008001	8066.2
p-n=200-e=3200-q=200-d=0.25.6	-H	Feasible	3574.4	2550.6	2595.6	0.017618	95921	85773	200	200	3200	6590	3200	9800	0.20801	2750
p-n=200-e=3200-q=200-d=0.25.6	-P	Feasible	3574.7	2550.6	2624.5	0.028962	483024	448206	200	200	3200	3590	3200	6800	0.064004	2872.6
p-n=200-e=3200-q=200-d=0.25.6	-U	Feasible	3565.8	2550.6	2606.6	0.021928	197181	181169	200	200	3200	3590	3200	6600	0.036002	2872.6
p-n=200-e=800-q=200-d=0.25.7	-H	Optimal	22.197	6457.3	6457.9	9.3398e-05	2857	21	200	200	800	1745	800	2600	0.028002	7395.1
p-n=200-e=800-q=200-d=0.25.7	-U	Optimal	237.38	6457.3	6457.9	9.9838e-05	141697	1051	200	200	800	1145	800	1800	0.008001	7730.6
p-n=200-e=3200-q=200-d=0.25.7	-H	Feasible	3575.6	2485.1	2526	0.01647	96622	85103	200	200	3200	6590	3200	9800	0.21201	2675.2
p-n=200-e=800-q=200-d=0.25.7	-P	Optimal	107.56	6457.3	6457.9	9.9764e-05	59624	396	200	200	800	1145	800	2000	0.016001	7730.6
p-n=200-e=3200-q=200-d=0.25.7	-P	Feasible	3576.3	2485.1	2548.2	0.025423	408496	369246	200	200	3200	3590	3200	6800	0.064004	2796.7
p-n=200-e=3200-q=200-d=0.25.7	-U	Feasible	3553.4	2485.1	2537.4	0.021081	252178	235134	200	200	3200	3590	3200	6600	0.036003	2796.7
p-n=200-e=3200-q=200-d=0.25.8	-H	Feasible	3566.6	2441.3	2507.3	0.027034	101111	92451	200	200	3200	6586	3200	9800	0.20401	2650.6
p-n=200-e=800-q=200-d=0.25.8	-H	Optimal	5.7564	6883.1	6883.8	9.8522e-05	2343	48	200	200	800	1747	800	2600	0.020001	7618.2
p-n=200-e=800-q=200-d=0.25.8	-P	Optimal	5.6724	6883.1	6883.1	0	553	0	200	200	800	1147	800	2000	0.012001	8009.6
p-n=200-e=800-q=200-d=0.25.8	-U	Optimal	8.6725	6883.1	6883.8	9.87e-05	1102	8	200	200	800	1147	800	1800	0.008	8009.6
p-n=200-e=3200-q=200-d=0.25.8	-P	Feasible	3576.9	2441.3	2540.9	0.040777	491445	470012	200	200	3200	3586	3200	6800	0.052003	2786.8
p-n=200-e=3200-q=200-d=0.25.8	-U	Feasible	3572	2441.3	2520.6	0.032449	269535	254732	200	200	3200	3586	3200	6600	0.032002	2786.8
p-n=200-e=800-q=200-d=0.25.9	-H	Optimal	4.6243	6761.9	6762.5	9.7494e-05	1340	45	200	200	800	1758	800	2600	0.032002	7406.8
p-n=200-e=800-q=200-d=0.25.9	-P	Optimal	8.9686	6761.9	6762.5	9.7173e-05	1824	25	200	200	800	1158	800	2000	0.016001	7775.1
p-n=200-e=800-q=200-d=0.25.9	-U	Optimal	10.089	6761.9	6762.4	8.3587e-05	1796	6	200	200	800	1158	800	1800	0.008	7775.1
p-n=200-e=3200-q=200-d=0.25.9	-H	Feasible	3577.4	2416.3	2466.9	0.020946	74522	66765	200	200	3200	6591	3200	9800	0.20401	2604.4
p-n=200-e=3200-q=200-d=0.25.9	-P	Feasible	3576.6	2416.3	2496	0.032969	423568	398665	200	200	3200	3591	3200	6800	0.048003	2753
p-n=200-e=3200-q=200-d=0.25.9	-U	Feasible	3554.7	2416.3	2483.5	0.027802	242397	228460	200	200	3200	3591	3200	6600	0.032002	2753