

instance	P_{pos}			P_{ti}			Branch-and-bound		
	time	LB	UB	time	LB	UB	time	LB	UB
$(20, 10, 40, 1)_f$	< 1	59.10		2	59.10		< 1	59.10	
$(20, 10, 40, 2)_f$	< 1	57.24		1	57.24		< 1	57.24	
$(20, 10, 40, 3)_f$	1	45.99		2	45.99		1	45.99	
$(20, 10, 40, 4)_f$	< 1	33.96		19	33.96		< 1	33.96	
$(20, 10, 40, 5)_f$	< 1	66.23		1	66.23		1	66.23	
$(40, 15, 80, 1)_f$	8	133.78		23	133.78		1	133.78	
$(40, 15, 80, 2)_f$	3	133.04		20	133.04		1	133.04	
$(40, 15, 80, 3)_f$	14	91.39		89	91.39		< 1	91.39	
$(40, 15, 80, 4)_f$	2	123.01		9	123.01		2	123.01	
$(40, 15, 80, 5)_f$	7	95.69		81	95.69		1	95.69	
$(80, 15, 120, 1)_f$	1000	258.56	261.18	1000	260.27	261.59	11	261.18	
$(80, 15, 120, 2)_f$	1000	211.64	218.73	290	217.90		7	217.90	
$(80, 15, 120, 3)_f$	281	254.52		1000	252.98	255.32	6	254.52	
$(80, 15, 120, 4)_f$	1000	299.94	301.04	941	301.04		3	301.04	
$(80, 15, 120, 5)_f$	1000	232.44	248.56	1000	247.79	248.03	27	248.03	
$(120, 20, 200, 1)_f$	1000	377.40	390.08	1000	389.79	391.68	6	390.38	
$(120, 20, 200, 2)_f$	707	452.15		1000	450.52	453.72	3	452.15	
$(120, 20, 200, 3)_f$	336	388.57		1000	387.66	389.17	99	388.57	
$(120, 20, 200, 4)_f$	1000	409.88	420.70	1000	418.84	419.52	256	419.43	
$(120, 20, 200, 5)_f$	1000	422.16	445.02	1000	443.94	445.04	11	444.30	
$(200, 30, 300, 1)_f$	1000	699.78	715.69	1000	714.36	716.42	8	715.10	
$(200, 30, 300, 2)_f$	1000	810.48	811.48	1000	810.71	813.28	672	811.38	
$(200, 30, 300, 3)_f$	1000	729.05	737.70	1000	733.28	736.23	25	734.17	
$(200, 30, 300, 4)_f$	1000	741.43	752.33	1000	749.47	752.08	11	750.36	
$(200, 30, 300, 5)_f$	1000	745.76	748.75	1000	746.79	757.37	619	747.57	