

instance	integer optimum	time	continuous relaxation (CR)	gap	(CR)with added inequalities	alternative relaxation	time	randomized rounding	time	greedy	time	LS	time
ABR	777	5.69	722.505	0.070	722.981	777	7.71	777	11.66	1356	0.81	777	45.64
AB1	401	0.35	394.676	0.016	394.958	401	0.39	401	0.64	1091	0.78	401	4.32
ATR	927	8.93	761.74	0.178	761.742	915	100.8	927	6.15	1632	2.13	927	54.92
ATBP	30	1.49	20.6196	0.313	20.62	30	28.27	30	6199.8	30	2.56	30	4.4
NORR	329	5471.7	327.592	0.004	327.592	328	580.89	329	5407	349	44.99	349	8.81
NORROUT	10596	3.9	10556	0.003	10556	10350	162.35	10596	8.05	30510	44.51	10596	33.38
NORBP	11	2581.5	9.96	0.094	9.96	10	43.92	14	5304.8	10*	33.89	10*	5.98
NORBP2	4	170.99	3.33	0.167	3.33	4	41.26	55	1946.7	4	38.58	4	91.21
NORROUT1	1022	22.63	705.333	0.31	705.333	1022	40.98	1022	56.12	2129	32.28	1022	195.05
NORROUT2	3014	48.67	1447.33	0.52	1447.33	3014	72.04	3014	107.27	4796	32.27	3014	6221.5