



	ANLS			MS_Heuristic		CS			GRASP			CPLEX			ABC WITH Enhancement				
Instance	Best	Average	Time	Best	Time	Best	Average	Time	Best	Average	Time	Best	Time		Best	Average	Standard Deviation	Gap (%)	Time(s)
818_10_0_0_95	21460	21460	6818	21429	4.94	21460	21459.9	11.23	21459	21458.3	6.30	21460	557	21460	21460	0	0	60.37	
818_10_0_1_95	35360	35360	10407	35339	13.05	35360	35360	11.54	35360	35360	6.65	35360	657	35360	35359	1.54	0	61.82	
818_10_0_2_95	45390	45390	7400	45375	12.09	45390	45390	12.17	45389	45388.2	6.97	45390	648	45390	45389.40	0.80	0	62.96	
818_20_0_0_85	74360	74360	17183.67	74313	75.05	74360	74359.8	66.81	74353	74352.1	16.27	74360	785	74360	74355	3.92	0	102.90	
818_20_0_0_95	42920	42920	9890.33	42793	25.67	42920	42918.9	54.84	42903	42900	14.51	42920	562	42918	42917.10	0.53	0.004	96.32	
818_20_0_1_85	102000	102000	16602	101933	76.06	102000	101998.9	67.36	101996	101991.9	19.24	102000	1491	102000	101990.80	10.21	0	103.511	
818_20_0_1_95	70720	70720	16880.67	70644	37.03	70720	70719.2	62.91	70717	70715.1	16.90	70720	610	70720	70717.80	1.77	0	96.18	
818_20_0_2_85	119480	119480	19074.67	119397	105.48	119480	119477.6	74.36	119468	119466	21.26	119480	1579	119479	119472.20	13.15	0.0008	104.08	
818_20_0_2_95	90780	90780	14622.67	90730	75.19	90780	90779.6	66.80	90772	90769.5	19.18	90780	841	90780	90774.20	4.48	0	102.11	
818_50_0_0_85	185637	185587.7	24094.33	185426	756.72	185880	185775.6	364.20	1857791	185755.8	50.62	185900	2956	185855	185801	59.16	0.02	339.63	
818_50_0_1_85	254996	254987.3	23978	254509	730.20	254985	254905.0	387.37	254860	254836.6	58.37	255000	6332	254934	254868.50	61.11	0.02	360.95	
818_50_0_2_85	298692	298648.3	23978	298217	757.73	298582	298517.6	392.29	2988547	298511.2	63.58	298700	4435	298548	298344.50	114.98	0.05	390.01	

