

Best MMDP Results

Geo	n	m	GhoC+BLS		SA		TS		GRASP1		GRP		GRASP+EvPR	
			value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Geo 100 1.txt	100	10	89.37	2.34	89.37	10.14	89.37	12.28	89.37	0.89	89.37	2.06	89.37	3.22
Geo 100 2.txt	100	10	95.38	2.39	96.66	7.70	96.66	11.69	95.34	0.72	96.66	1.52	95.71	4.66
Geo 100 3.txt	100	10	76.45	2.70	76.45	8.06	76.45	11.02	74.18	0.70	76.45	1.45	76.45	3.39
Geo 100 4.txt	100	10	103.01	2.72	103.01	7.64	103.01	11.27	103.01	0.72	103.01	1.59	103.01	4.27
Geo 100 5.txt	100	10	118.53	2.67	119.72	7.92	119.72	12.44	119.72	0.99	119.72	1.99	119.72	3.30
Geo 100 6.txt	100	10	36.52	2.34	36.52	7.59	36.52	10.97	36.52	0.64	36.52	1.36	36.52	3.11
Geo 100 7.txt	100	10	189.21	2.47	189.21	7.48	189.21	11.06	187.88	0.75	189.21	1.45	189.21	3.78
Geo 100 8.txt	100	10	109.46	2.64	110.02	7.48	110.02	11.58	110.02	0.75	109.85	1.45	110.02	4.13
Geo 100 9.txt	100	10	141.24	2.77	141.24	7.73	141.24	11.23	141.24	0.74	141.24	1.50	141.24	3.78
Geo 100 10.txt	100	10	163.68	2.56	163.68	7.48	163.68	11.31	163.68	0.72	163.68	1.50	163.68	3.61
Geo 100 11.txt	100	30	99.18	2.11	102.19	34.81	102.19	55.91	100.34	0.66	102.19	1.84	102.19	3.97
Geo 100 12.txt	100	30	116.45	2.41	117.48	34.19	117.48	55.89	117.48	0.59	116.53	1.70	117.48	4.14
Geo 100 13.txt	100	30	28.3	2.39	29.83	32.88	29.83	55.88	28.3	0.61	29.83	2.20	29.69	4.08
Geo 100 14.txt	100	30	54.08	2.30	54.08	34.31	54.08	55.64	54.08	0.61	54.08	1.97	54.08	3.16
Geo 100 15.txt	100	30	144.48	2.53	144.48	34.53	144.48	55.74	144.48	0.58	144.48	1.61	144.48	3.13
Geo 100 16.txt	100	30	121.89	2.55	122.38	34.27	122.38	55.84	121.89	0.58	122.38	1.59	122.38	4.41
Geo 100 17.txt	100	30	130.35	2.19	130.35	34.16	130.35	55.72	130.06	0.58	130.35	1.63	130.35	3.45
Geo 100 18.txt	100	30	108.97	2.30	109.87	33.34	109.87	55.78	108.97	0.59	108.97	1.94	109.87	4.41
Geo 100 19.txt	100	30	149.99	2.50	152.21	33.75	152.21	55.70	150.28	0.63	152.21	1.74	152.21	3.97
Geo 100 20.txt	100	30	139.98	2.16	140.58	33.70	140.6	55.86	139.94	0.58	139.98	1.58	139.98	3.28
Geo 250 1.txt	250	25	169.57	31.98	171.01	69.88	171.01	113.91	168.12	7.20	171.01	27.03	171.01	57.92
Geo 250 2.txt	250	25	19.57	25.02	19.7	66.20	19.61	112.30	19.7	5.72	19.51	20.78	19.57	39.05
Geo 250 3.txt	250	25	136.47	31.64	137.23	70.06	137.23	112.20	137.2	6.13	137.75	25.72	137.75	53.11
Geo 250 4.txt	250	25	169.77	36.03	171.21	69.09	171.12	111.67	170.01	6.25	171.21	23.58	171.21	50.78
Geo 250 5.txt	250	25	147.09	34.50	148.54	69.34	148.4	112.05	147.05	6.13	148.63	20.64	148.72	48.83
Geo 250 6.txt	250	25	98.62	31.92	99.8	71.48	99.09	111.72	98.2	5.92	99.46	20.22	99.8	46.83
Geo 250 7.txt	250	25	174.38	34.50	174.79	67.48	175.71	112.11	172.81	6.30	175.71	19.39	174.79	40.66
Geo 250 8.txt	250	25	162.32	35.31	164.03	69.34	162.72	111.92	162.44	6.03	163.81	22.33	163	47.31
Geo 250 9.txt	250	25	178.29	37.97	179.16	68.05	178.37	111.95	178.29	5.95	179.05	21.58	178.4	42.11
Geo 250 10.txt	250	25	101.31	35.08	101.31	71.25	101.14	111.63	100.77	5.84	102.19	21.52	101.31	40.50

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			value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Geo 250 11.txt	250	75	30.44	26.22	30.63	360.59	29.95	751.81	30.44	4.92	31.1	69.11	31.37	105.67
Geo 250 12.txt	250	75	92.34	27.50	92.12	370.25	90.14	751.00	91.56	4.64	93.73	47.05	93.84	92.31
Geo 250 13.txt	250	75	143.7	29.09	143.96	364.03	141.83	751.42	143.39	4.66	144.94	39.02	145.06	88.50
Geo 250 14.txt	250	75	69.77	28.67	69.8	374.53	68.62	752.06	69.64	5.05	69.95	48.25	70.12	85.16
Geo 250 15.txt	250	75	141.34	29.23	141.08	366.83	137.95	751.78	141.34	4.83	142.43	30.03	142.5	66.41
Geo 250 16.txt	250	75	106.58	27.00	105.96	359.94	103.3	751.02	106.58	4.81	108.05	33.39	108.05	57.41
Geo 250 17.txt	250	75	123.42	27.42	123.38	364.78	120.46	751.16	123.35	4.74	123.78	46.24	124.25	90.36
Geo 250 18.txt	250	75	147.62	27.86	147.11	364.45	144.02	751.25	147.84	4.83	148.45	38.59	148.63	68.03
Geo 250 19.txt	250	75	132.88	25.74	133.32	433.81	131.62	903.25	133.32	4.84	133.87	47.34	133.81	101.42
Geo 250 20.txt	250	75	146.33	27.23	146.13	359.94	143.77	757.42	146.13	6.91	147.35	46.98	147.83	88.94
Geo 500 1.txt	500	50	121.94	336.69	122.44	446.95	118.19	808.98	122.36	46.39	123.74	408.36	123.65	836.14
Geo 500 2.txt	500	50	12.67	177.47	12.8	396.88	12.23	804.44	12.44	29.89	13.4	479.64	13.34	829.69
Geo 500 3.txt	500	50	161.55	480.73	162.48	442.95	156.75	805.45	162.52	54.49	164.13	509.08	164.13	936.11
Geo 500 4.txt	500	50	130.43	430.58	130.53	444.64	122.64	805.34	129.28	47.28	131.05	423.45	131.62	841.28
Geo 500 5.txt	500	50	26.01	203.56	26.78	425.95	25.49	805.38	26.65	30.61	27.53	429.44	28.07	853.69
Geo 500 6.txt	500	50	26.57	205.27	26.28	426.17	25.44	804.58	26.26	32.38	27.8	399.34	27.75	808.16
Geo 500 7.txt	500	50	128.86	407.69	130.16	449.53	122.92	805.91	130.04	49.05	131.34	452.89	131.04	1046.53
Geo 500 8.txt	500	50	109.54	329.03	110.19	454.30	104.56	804.64	109.54	38.50	111.84	408.78	112.68	671.77
Geo 500 9.txt	500	50	166.09	452.69	167.57	440.03	159.52	804.64	167.05	53.75	167.85	496.80	168.24	1105.56
Geo 500 10.txt	500	50	157.38	478.31	158.49	442.56	150.71	805.22	157.21	54.17	159.34	541.59	159.68	965.00
Geo 500 11.txt	500	150	91.84	205.55	89.49	2433.73	82.34	6452.50	91.9	27.45	93.49	1326.23	93.49	2170.28
Geo 500 12.txt	500	150	68.87	224.03	66.81	2554.14	60.98	6810.45	68.79	27.28	71.03	1272.09	71.12	2110.50
Geo 500 13.txt	500	150	132.15	217.91	128.99	2505.16	120.62	6474.17	132.01	25.67	133.8	929.39	133.99	1588.25
Geo 500 14.txt	500	150	109.31	209.20	106.38	2452.50	98.52	6376.28	109.76	25.83	110.88	1021.27	111.04	1825.39
Geo 500 15.txt	500	150	34.41	199.47	32.81	2353.91	29.88	6446.05	34.38	26.09	35.6	2029.64	35.71	3379.11
Geo 500 16.txt	500	150	130.98	230.45	127.63	2367.13	118.46	6406.30	130.78	25.78	132.29	865.28	132.43	1385.84
Geo 500 17.txt	500	150	128.1	199.89	123.6	2385.56	116.07	6397.53	127.56	26.23	129.04	698.22	129.04	1355.39
Geo 500 18.txt	500	150	70.72	229.25	67.97	2487.05	62.47	6418.92	70.12	26.64	71.71	1178.22	71.85	2197.66
Geo 500 19.txt	500	150	121.4	221.45	118.84	2474.73	110.86	6419.42	121.21	25.63	123.38	1060.25	123.95	2661.72
Geo 500 20.txt	500	150	120.93	208.09	117.86	2613.14	109.7	6411.00	120.93	26.61	123.05	836.31	123.14	1740.66

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Ran			GhoC+BLS		SA		TS		GRASP1		GRP		GRASP+EvPR	
	n	m	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Ran 100 1.txt	100	10	72	1.94	73	7.39	73	11.30	72	0.94	73	2.41	73	5.19
Ran 100 2.txt	100	10	71	1.42	75	7.28	75	10.77	74	0.77	74	1.92	75	5.34
Ran 100 3.txt	100	10	74	1.39	74	7.27	74	10.69	73	0.73	74	1.69	74	4.70
Ran 100 4.txt	100	10	72	1.42	73	7.36	74	10.50	73	0.70	73	1.80	73	5.28
Ran 100 5.txt	100	10	71	1.48	74	7.23	74	10.66	72	0.75	72	1.70	72	4.56
Ran 100 6.txt	100	10	73	1.50	74	7.11	74	10.81	74	0.70	74	2.03	74	5.09
Ran 100 7.txt	100	10	74	1.53	75	7.13	75	10.83	72	0.77	73	1.83	73	5.23
Ran 100 8.txt	100	10	73	1.28	74	7.13	74	11.08	72	0.77	73	1.81	74	4.77
Ran 100 9.txt	100	10	73	1.36	74	7.19	74	10.95	72	0.72	72	1.67	73	4.69
Ran 100 10.txt	100	10	73	1.27	75	7.24	75	10.84	73	0.88	75	1.84	75	4.63
Ran 100 11.txt	100	30	54	1.22	52	14.20	52	55.22	54	0.94	54	4.30	54	8.28
Ran 100 12.txt	100	30	55	1.20	51	14.14	51	55.42	55	0.88	55	4.22	55	9.86
Ran 100 13.txt	100	30	54	1.27	52	14.33	51	55.31	54	0.86	55	4.14	55	10.52
Ran 100 14.txt	100	30	54	1.30	51	13.84	51	55.22	55	0.97	55	4.39	55	13.08
Ran 100 15.txt	100	30	54	1.28	52	14.42	52	55.38	55	0.97	55	3.72	55	7.22
Ran 100 16.txt	100	30	54	1.19	51	14.23	51	55.24	55	0.92	55	4.41	55	10.20
Ran 100 17.txt	100	30	54	1.38	52	14.06	51	55.28	54	0.84	55	4.02	54	9.56
Ran 100 18.txt	100	30	54	1.25	52	15.13	51	55.06	54	0.81	55	4.27	55	11.36
Ran 100 19.txt	100	30	55	1.49	53	14.48	51	56.33	55	0.94	55	3.42	55	7.44
Ran 100 20.txt	100	30	54	1.20	52	15.31	52	55.33	54	0.91	55	3.70	55	10.19
Ran 250 1.txt	250	25	58	14.27	57	50.30	54	112.88	58	8.45	59	39.81	59	113.86
Ran 250 2.txt	250	25	58	11.16	57	48.80	52	111.19	59	8.20	60	35.80	60	76.20
Ran 250 3.txt	250	25	58	11.41	58	49.34	53	111.13	59	8.86	60	36.52	60	114.59
Ran 250 4.txt	250	25	58	11.45	58	50.13	53	110.91	59	8.34	59	36.25	59	102.38
Ran 250 5.txt	250	25	58	10.94	57	50.05	52	110.70	59	9.22	59	34.92	60	105.03
Ran 250 6.txt	250	25	59	10.70	57	49.28	53	110.67	59	8.20	60	34.80	60	96.39
Ran 250 7.txt	250	25	58	11.78	57	48.17	52	110.84	59	8.94	60	39.66	59	113.48
Ran 250 8.txt	250	25	59	11.61	58	48.09	53	110.86	60	8.84	59	35.94	59	84.28
Ran 250 9.txt	250	25	58	11.22	57	51.55	53	110.52	59	8.73	59	33.81	60	100.89
Ran 250 10.txt	250	25	58	11.20	57	48.84	53	110.80	59	8.74	59	35.86	60	133.30

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	n	m	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Ran 250 11.txt	250	75	51	19.89	50	180.59	50	754.16	51	27.53	51	156.69	52	417.53
Ran 250 12.txt	250	75	51	20.45	50	180.69	50	747.27	51	31.67	51	167.59	51	539.89
Ran 250 13.txt	250	75	51	19.84	50	180.39	50	747.59	51	27.80	51	158.03	52	439.69
Ran 250 14.txt	250	75	51	20.58	50	181.03	50	749.42	51	29.59	51	157.27	52	300.34
Ran 250 15.txt	250	75	51	21.23	50	181.00	50	747.44	51	31.27	51	181.42	51	542.34
Ran 250 16.txt	250	75	51	19.81	50	180.84	50	748.49	51	27.70	51	163.55	52	385.41
Ran 250 17.txt	250	75	51	19.55	50	180.94	50	747.89	51	27.78	52	157.36	52	321.74
Ran 250 18.txt	250	75	51	21.31	50	180.61	50	748.05	51	31.44	51	161.22	52	327.09
Ran 250 19.txt	250	75	51	21.45	50	180.56	50	751.64	51	36.00	52	196.11	51	570.47
Ran 250 20.txt	250	75	51	19.69	50	180.77	50	748.94	51	27.16	51	168.86	51	536.00
Ran 500 1.txt	500	50	54	90.20	50	199.75	50	805.14	54	105.91	54	735.58	54	2190.64
Ran 500 2.txt	500	50	54	84.92	50	197.75	50	801.56	54	87.73	55	721.03	54	2299.23
Ran 500 3.txt	500	50	54	80.59	50	197.42	50	801.13	54	80.55	55	730.17	54	2270.27
Ran 500 4.txt	500	50	54	85.05	50	197.56	50	802.25	54	105.13	54	726.61	55	2152.00
Ran 500 5.txt	500	50	54	85.13	50	197.63	50	862.25	54	92.48	54	713.86	54	2084.24
Ran 500 6.txt	500	50	54	85.86	50	197.55	50	802.05	54	108.97	54	714.16	54	2174.45
Ran 500 7.txt	500	50	54	82.45	50	197.86	50	801.77	54	108.48	54	697.38	54	2387.19
Ran 500 8.txt	500	50	54	85.97	50	197.69	50	801.64	54	94.56	55	744.64	54	2088.19
Ran 500 9.txt	500	50	54	81.64	50	197.83	50	803.53	54	79.84	54	713.05	55	1614.55
Ran 500 10.txt	500	50	54	85.39	50	197.58	50	802.09	54	79.83	54	678.50	54	2315.06
Ran 500 11.txt	500	150	4	132.05	1	1587.06	1	6407.11	3	104.92	4	3914.58	4	10666.72
Ran 500 12.txt	500	150	4	103.98	1	1533.16	1	6410.28	4	95.14	4	3478.45	4	10205.80
Ran 500 13.txt	500	150	4	99.53	1	1531.50	1	6425.42	4	110.95	4	3794.36	4	11097.70
Ran 500 14.txt	500	150	4	92.83	1	1531.39	1	6399.14	4	100.64	4	3611.38	4	10578.92
Ran 500 15.txt	500	150	3	102.06	1	1534.84	1	6390.88	4	105.53	4	3812.41	4	9918.30
Ran 500 16.txt	500	150	4	97.56	1	1532.81	1	6387.98	4	116.36	4	3696.53	4	11631.30
Ran 500 17.txt	500	150	4	99.11	1	1531.75	1	6409.98	4	102.86	4	3679.75	4	10760.13
Ran 500 18.txt	500	150	4	96.25	1	1531.17	1	6404.74	4	103.02	4	3273.74	4	10212.42
Ran 500 19.txt	500	150	3	93.13	1	1536.16	1	6395.72	4	90.24	4	3526.28	4	10668.78
Ran 500 20.txt	500	150	4	97.36	1	1531.58	1	6415.08	4	107.20	4	3485.20	4	9668.22

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Glover	n	m	GhoC+BLS		SA		TS		GRASP1		GRP		GRASP+EvPR	
			value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Glover (n 10) 1.txt	10	2	243.97	0.19	243.97	0.43	243.97	0.40	243.97	0.07	243.97	0.05	243.97	0.06
Glover (n 10) 2.txt	10	2	210.65	0.04	210.65	0.21	210.65	0.23	210.65	0.03	210.65	0.03	210.65	0.03
Glover (n 10) 3.txt	10	2	146.62	0.12	146.62	0.16	146.62	0.26	146.62	0.01	146.62	0.01	146.62	0.02
Glover (n 10) 4.txt	10	2	186.18	0.01	186.18	0.15	186.18	0.27	186.18	0.00	186.18	0.01	186.18	0.01
Glover (n 10) 5.txt	10	2	209.62	0.01	209.62	0.16	209.62	0.21	209.62	0.00	209.62	0.01	209.62	0.01
Glover (n 10) 1.txt	10	3	184.36	0.01	184.36	0.24	184.36	0.28	184.36	0.00	184.36	0.01	184.36	0.01
Glover (n 10) 2.txt	10	3	183.79	0.01	183.79	0.17	183.79	0.27	183.79	0.00	183.79	0.01	183.79	0.01
Glover (n 10) 3.txt	10	3	114.43	0.01	114.43	0.18	114.43	0.26	114.43	0.00	114.43	0.01	114.43	0.01
Glover (n 10) 4.txt	10	3	167.25	0.01	167.25	0.17	167.25	0.27	167.25	0.00	167.25	0.01	167.25	0.01
Glover (n 10) 5.txt	10	3	189.86	0.01	189.86	0.17	189.86	0.26	189.86	0.00	189.86	0.01	189.86	0.01
Glover (n 10) 1.txt	10	4	175.63	0.01	175.63	0.21	175.63	0.29	175.63	0.00	175.63	0.01	175.63	0.03
Glover (n 10) 2.txt	10	4	158.07	0.01	158.07	0.21	158.07	0.29	158.07	0.00	158.07	0.01	158.07	0.04
Glover (n 10) 3.txt	10	4	107.22	0.03	107.22	0.19	107.22	0.28	107.22	0.00	107.22	0.01	107.22	0.02
Glover (n 10) 4.txt	10	4	137.02	0.01	137.02	0.19	137.02	0.28	137.02	0.00	137.02	0.01	137.02	0.01
Glover (n 10) 5.txt	10	4	179.71	0.01	179.71	0.19	179.71	0.28	179.71	0.00	179.71	0.01	179.71	0.01
Glover (n 10) 1.txt	10	6	163.00	0.01	163.00	0.27	163.00	0.37	163.00	0.00	163.00	0.01	163.00	0.01
Glover (n 10) 2.txt	10	6	136.58	0.01	136.58	0.24	136.58	0.41	136.58	0.00	136.58	0.01	136.58	0.02
Glover (n 10) 3.txt	10	6	71.92	0.01	71.92	0.27	71.92	0.38	71.92	0.00	71.92	0.01	71.92	0.01
Glover (n 10) 4.txt	10	6	120.47	0.01	120.47	0.27	120.47	0.37	120.47	0.00	120.47	0.01	120.47	0.01
Glover (n 10) 5.txt	10	6	159.06	0.01	159.06	0.28	159.06	0.38	159.06	0.00	159.06	0.01	159.06	0.01
Glover (n 10) 1.txt	10	8	131.15	0.01	131.15	0.34	131.15	0.49	131.15	0.00	131.15	0.00	131.15	0.01
Glover (n 10) 2.txt	10	8	118.75	0.01	118.75	0.33	118.75	0.49	118.75	0.00	118.75	0.01	118.75	0.01
Glover (n 10) 3.txt	10	8	63.31	0.01	63.31	0.33	63.31	0.49	63.31	0.01	63.31	0.01	63.31	0.01
Glover (n 10) 4.txt	10	8	92.22	0.01	92.22	0.30	92.22	0.49	92.22	0.00	92.22	0.00	92.22	0.01
Glover (n 10) 5.txt	10	8	140.08	0.01	140.08	0.32	140.08	0.49	140.08	0.00	140.08	0.01	140.08	0.01
Glover (n 15) 1.txt	15	3	100.41	0.03	100.41	0.26	100.41	0.39	100.41	0.01	100.41	0.01	100.41	0.02
Glover (n 15) 2.txt	15	3	218.19	0.02	218.19	0.26	218.19	0.44	218.19	0.02	218.19	0.01	218.19	0.02
Glover (n 15) 3.txt	15	3	198.45	0.01	198.45	0.26	198.45	0.37	198.45	0.01	198.45	0.01	198.45	0.02
Glover (n 15) 4.txt	15	3	167.32	0.01	167.32	0.24	167.32	0.37	167.32	0.01	167.32	0.01	167.32	0.02
Glover (n 15) 5.txt	15	3	177.22	0.02	177.22	0.27	177.22	0.37	177.22	0.01	177.22	0.01	177.22	0.02

Best MMDP Results

Glover	n	m	GhoC+BLS		SA		TS		GRASP1		GRP		GRASP+EvPR	
			value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Glover (n 15) 1.txt	15	4	83.80	0.01	83.80	0.28	83.80	0.40	83.80	0.01	83.80	0.01	83.80	0.02
Glover (n 15) 2.txt	15	4	206.57	0.01	206.57	0.28	206.57	0.40	206.57	0.01	206.57	0.01	206.57	0.02
Glover (n 15) 3.txt	15	4	181.24	0.01	181.24	0.29	181.24	0.40	181.24	0.01	181.24	0.01	181.24	0.02
Glover (n 15) 4.txt	15	4	139.05	0.01	139.05	0.29	139.05	0.41	139.05	0.01	139.05	0.03	139.05	0.04
Glover (n 15) 5.txt	15	4	175.20	0.02	175.20	0.30	175.20	0.40	175.20	0.01	175.20	0.01	175.20	0.04
Glover (n 15) 1.txt	15	6	64.57	0.01	64.57	0.40	64.57	0.56	64.57	0.01	64.57	0.01	64.57	0.03
Glover (n 15) 2.txt	15	6	177.91	0.02	177.91	0.41	177.91	0.56	177.91	0.01	177.91	0.01	177.91	0.02
Glover (n 15) 3.txt	15	6	162.42	0.01	162.42	0.39	162.42	0.55	162.42	0.01	162.42	0.01	162.42	0.02
Glover (n 15) 4.txt	15	6	126.89	0.01	126.89	0.39	126.89	0.55	126.89	0.01	126.89	0.01	126.89	0.03
Glover (n 15) 5.txt	15	6	142.20	0.01	142.20	0.40	142.20	0.56	142.20	0.01	142.20	0.01	142.20	0.02
Glover (n 15) 1.txt	15	9	40.40	0.01	40.40	0.63	40.40	0.86	40.40	0.01	40.40	0.01	40.40	0.02
Glover (n 15) 2.txt	15	9	154.42	0.01	154.42	0.57	154.42	0.86	154.42	0.01	154.42	0.01	154.42	0.02
Glover (n 15) 3.txt	15	9	152.13	0.04	152.13	0.64	152.13	0.94	152.13	0.01	152.13	0.01	152.13	0.01
Glover (n 15) 4.txt	15	9	105.53	0.01	105.53	0.59	105.53	0.86	105.53	0.01	105.53	0.01	105.53	0.02
Glover (n 15) 5.txt	15	9	122.41	0.01	122.41	0.61	122.41	0.86	122.41	0.01	122.41	0.01	122.41	0.02
Glover (n 15) 1.txt	15	12	29.38	0.02	29.38	0.87	29.38	1.24	29.38	0.01	29.38	0.01	29.38	0.01
Glover (n 15) 2.txt	15	12	138.78	0.01	138.78	0.79	138.78	1.35	138.78	0.01	138.78	0.01	138.78	0.01
Glover (n 15) 3.txt	15	12	126.50	0.01	126.50	0.87	126.50	1.25	126.50	0.01	126.50	0.01	126.50	0.01
Glover (n 15) 4.txt	15	12	97.71	0.01	97.71	0.92	97.71	1.24	97.71	0.01	97.71	0.01	97.71	0.01
Glover (n 15) 5.txt	15	12	107.66	0.01	107.66	0.85	107.66	1.25	107.66	0.01	107.66	0.01	107.66	0.01
Glover (n 30) 1.txt	30	6	185.56	0.05	185.56	0.78	185.56	1.15	185.56	0.03	185.56	0.05	185.56	0.10
Glover (n 30) 2.txt	30	6	180.30	0.06	180.30	0.86	180.30	1.12	180.30	0.03	180.30	0.05	180.30	0.09
Glover (n 30) 3.txt	30	6	164.02	0.06	164.02	0.79	164.02	1.12	164.02	0.03	164.02	0.05	164.02	0.14
Glover (n 30) 4.txt	30	6	105.17	0.06	105.17	0.82	105.17	1.16	105.17	0.03	105.17	0.05	105.17	0.08
Glover (n 30) 5.txt	30	6	104.24	0.05	104.24	0.81	104.24	1.11	104.24	0.03	104.24	0.05	104.24	0.08
Glover (n 30) 1.txt	30	9	165.74	0.05	165.74	1.27	165.74	1.72	165.74	0.03	165.74	0.05	165.74	0.17
Glover (n 30) 2.txt	30	9	161.12	0.05	161.12	1.39	161.12	1.85	161.12	0.03	161.12	0.06	161.12	0.11
Glover (n 30) 3.txt	30	9	141.89	0.06	141.89	1.25	141.89	1.73	141.89	0.03	141.89	0.05	141.89	0.10
Glover (n 30) 4.txt	30	9	85.64	0.05	85.64	1.22	85.64	1.82	85.64	0.03	85.64	0.04	85.64	0.08
Glover (n 30) 5.txt	30	9	90.27	0.07	90.27	1.27	90.27	1.74	90.27	0.03	90.27	0.05	90.27	0.11

Best MMDP Results

Glover	n	m	GhoC+BLS		SA		TS		GRASP1		GRP		GRASP+EvPR	
			value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)	value	time(s)
Glover (n 30) 1.txt	30	12	158.48	0.05	158.48	1.65	158.48	2.55	158.48	0.03	158.48	0.05	158.48	0.10
Glover (n 30) 2.txt	30	12	148.61	0.06	148.61	1.62	148.61	2.50	148.61	0.03	148.61	0.05	148.61	0.09
Glover (n 30) 3.txt	30	12	129.17	0.09	129.17	1.71	129.17	2.58	129.17	0.03	129.17	0.05	129.17	0.10
Glover (n 30) 4.txt	30	12	69.53	0.05	69.53	1.67	69.53	2.48	69.53	0.03	69.53	0.05	69.53	0.10
Glover (n 30) 5.txt	30	12	73.59	0.05	73.59	1.80	73.59	2.59	73.59	0.03	73.59	0.05	73.59	0.11
Glover (n 30) 1.txt	30	18	143.30	0.06	143.30	2.94	143.30	4.84	143.30	0.03	143.30	0.05	143.30	0.09
Glover (n 30) 2.txt	30	18	136.89	0.05	136.89	2.74	136.89	4.95	136.89	0.03	136.89	0.05	136.89	0.13
Glover (n 30) 3.txt	30	18	108.14	0.06	108.14	2.95	108.14	5.16	108.14	0.03	108.14	0.05	108.14	0.08
Glover (n 30) 4.txt	30	18	56.88	0.05	56.88	3.25	56.88	5.00	56.88	0.03	56.88	0.05	56.88	0.09
Glover (n 30) 5.txt	30	18	61.31	0.05	61.31	3.02	61.31	4.68	61.31	0.03	61.31	0.05	61.31	0.07
Glover (n 30) 1.txt	30	24	119.96	0.05	119.96	4.64	119.96	7.94	119.96	0.03	119.96	0.06	119.96	0.07
Glover (n 30) 2.txt	30	24	124.11	0.06	124.11	4.28	124.11	7.94	124.11	0.03	124.11	0.04	124.11	0.06
Glover (n 30) 3.txt	30	24	96.18	0.05	96.18	4.34	96.18	8.06	96.18	0.03	96.18	0.04	96.18	0.06
Glover (n 30) 4.txt	30	24	46.74	0.07	46.74	4.69	46.74	7.69	46.74	0.03	46.74	0.04	46.74	0.06
Glover (n 30) 5.txt	30	24	40.69	0.05	40.69	3.61	40.69	7.83	40.69	0.03	40.69	0.04	40.69	0.07