Previous Methods - Optimal, Noisy

					δ_{HC}			δ_{HCU}			RG 2009			POM 2017 h_{gc}			POM 2017 h_{gc}0.3		
#	$\lvert\Gamma\rvert$	% Obs	$\lvert\Omega\rvert$	$\lvert\Gamma^*\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$
BLOCKS	20.1	10	1.25	7.9	0.43	86.1	8.08	0.43	86.1	8.11	**0.46**	91.7	10.39	0.05	13.9	1.42	0.38	100.0	18.08
		30	3.08	3.91	**0.42**	75.0	3.64	0.41	88.9	7.67	0.4	88.9	7.0	0.17	27.8	1.31	0.22	94.4	15.36
		50	4.42	2.48	**0.48**	72.2	3.14	0.35	91.7	8.69	0.46	86.1	4.47	0.24	38.9	1.14	0.2	100.0	14.25
		70	6.67	1.94	**0.75**	91.7	2.19	0.51	94.4	5.36	0.7	94.4	3.25	0.45	63.9	1.14	0.2	100.0	12.0
		100	8.83	1.83	0.69	83.3	1.75	0.65	100.0	4.25	**0.75**	83.3	2.58	0.54	91.7	1.5	0.21	100.0	9.42
IPC-GRID	7.5	10	1.63	2.71	**0.82**	91.7	2.75	0.8	91.7	2.94	0.64	72.9	2.35	0.39	62.5	2.33	0.42	93.8	6.29
		30	4.0	1.21	**0.84**	91.7	1.25	0.83	93.8	1.35	0.52	54.2	0.73	0.61	72.9	1.5	0.49	91.7	3.81
		50	6.19	1.13	**0.88**	97.9	1.4	**0.88**	97.9	1.44	0.31	33.3	0.44	0.69	81.3	1.4	0.6	89.6	2.44
		70	8.69	1.04	**0.94**	97.9	1.17	0.92	97.9	1.21	0.29	29.2	0.31	0.88	93.8	1.19	0.84	97.9	1.58
		100	11.88	1.0	**0.97**	100.0	1.06	**0.97**	100.0	1.06	0.31	31.3	0.31	**0.97**	100.0	1.06	0.93	100.0	1.19
LOGISTICS	10.0	10	2.0	2.83	**0.75**	94.4	4.06	0.71	94.4	4.47	0.61	75.0	3.14	0.37	44.4	1.81	0.31	100.0	9.56
		30	5.75	1.19	**0.8**	97.2	1.78	0.67	100.0	2.67	0.29	47.2	1.14	0.57	75.0	1.56	0.18	100.0	7.89
		50	9.42	1.06	**0.88**	97.2	1.31	0.79	97.2	1.61	0.11	11.1	0.14	0.7	75.0	1.17	0.28	100.0	6.25
		70	13.25	1.03	**0.96**	100.0	1.11	0.89	100.0	1.39	0.17	16.7	0.17	0.88	88.9	1.08	0.44	100.0	3.56
		100	18.17	1.0	**1.0**	100.0	1.0	0.96	100.0	1.08	0.17	16.7	0.17	**1.0**	100.0	1.0	0.6	100.0	2.5
MICONIC	6.0	10	2.0	2.53	**0.77**	91.7	2.81	**0.77**	91.7	2.81	0.71	100.0	3.75	0.36	52.8	1.78	0.42	100.0	6.0
		30	5.42	1.22	**0.74**	88.9	1.58	0.67	100.0	2.58	0.54	97.2	2.53	0.63	75.0	1.28	0.21	100.0	5.92
		50	8.42	1.06	**0.88**	94.4	1.19	0.59	100.0	2.39	0.66	97.2	1.81	0.79	88.9	1.22	0.23	100.0	5.08
		70	11.92	1.0	**0.88**	94.4	1.14	0.61	97.2	2.11	0.79	97.2	1.42	**0.88**	94.4	1.14	0.25	100.0	4.5
		100	16.33	1.0	0.88	100.0	1.25	0.75	100.0	2.08	**1.0**	100.0	1.0	**1.0**	100.0	1.0	0.24	100.0	4.5
ROVERS	6.0	10	1.67	2.28	**0.63**	83.3	2.97	**0.63**	83.3	2.97	0.54	75.0	3.28	0.33	33.3	1.22	0.43	100.0	5.42
		30	3.67	1.31	**0.71**	80.6	1.69	0.7	83.3	1.81	0.54	69.4	1.61	0.63	72.2	1.28	0.3	97.2	4.53
		50	5.75	1.19	**0.73**	77.8	1.28	0.72	86.1	1.67	0.44	52.8	0.92	**0.73**	83.3	1.19	0.33	100.0	4.03
		70	8.17	1.0	0.8	86.1	1.14	0.77	97.2	1.5	0.53	63.9	0.97	**0.83**	88.9	1.17	0.31	100.0	3.97
		100	10.83	1.0	**0.96**	100.0	1.08	0.9	100.0	1.25	0.58	58.3	0.58	0.92	91.7	1.0	0.33	100.0	3.42
SATELLITE	6.0	10	1.42	3.53	**0.81**	94.4	3.89	**0.81**	94.4	3.89	0.73	86.1	3.64	0.47	58.3	2.25	0.59	100.0	5.97
		30	3.42	2.39	**0.78**	83.3	2.44	0.76	83.3	2.72	0.66	88.9	3.22	0.55	75.0	2.17	0.43	100.0	5.5
		50	5.75	1.58	**0.71**	83.3	2.0	0.63	91.7	3.03	0.58	75.0	2.19	0.6	77.8	1.5	0.3	97.2	5.22
		70	8.08	1.31	**0.76**	91.7	1.64	0.59	91.7	2.61	0.63	86.1	1.97	0.68	83.3	1.28	0.35	100.0	4.47
		100	10.75	1.25	**0.79**	91.7	1.42	0.69	91.7	1.83	0.75	91.7	1.75	0.71	83.3	1.25	0.38	100.0	4.08
SOKOBAN	8.5	10	2.33	2.11	**0.35**	52.8	2.78	0.33	69.4	4.03	0.22	44.4	3.28	0.29	58.3	2.42	0.25	97.2	7.08
		30	6.5	1.25	**0.61**	75.0	1.53	0.47	91.7	3.25	0.34	50.0	1.58	0.45	55.6	1.19	0.21	97.2	5.47
		50	10.33	1.22	**0.61**	88.9	2.72	0.42	94.4	4.97	0.23	33.3	1.19	0.59	69.4	1.47	0.27	97.2	5.19
		70	14.67	1.03	0.65	94.4	3.44	0.5	100.0	4.56	0.14	16.7	0.42	**0.67**	77.8	1.28	0.28	94.4	4.36
		100	20.17	1.0	**0.77**	91.7	2.5	0.64	100.0	3.75	0.13	16.7	0.33	0.71	75.0	1.17	0.32	100.0	3.42
Avg					**0.75**	89.17	2.18	0.68	93.75	3.12	0.48	63.77	2.12	0.61	72.12	1.4	0.36	98.51	6.07

Table 1: Results for each method, with optimal observations.

Previous Methods - Suboptimal, Noisy

					δ_{HC}			δ_{HCU}			RG 2009			POM 2017 h_{gc}			POM 2017 h_{gc}0.3		
#	$\lvert\Gamma\rvert$	% Obs	$\lvert\Omega\rvert$	$\lvert\Gamma^*\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$	AGR	ACC	$\lvert\Gamma^{\mathbf{h}}\rvert$
BLOCKS	20.1	10	1.42	7.49	0.4	77.8	8.11	0.4	80.6	8.83	**0.44**	94.4	11.81	0.06	16.7	1.25	0.35	91.7	17.36
		30	3.83	3.55	0.38	63.9	3.17	0.34	91.7	9.31	**0.43**	88.9	6.58	0.2	44.4	1.36	0.22	100.0	16.08
		50	5.92	3.18	0.49	80.6	3.22	0.3	100.0	9.33	**0.54**	91.7	3.53	0.36	61.1	1.17	0.2	100.0	13.64
		70	8.5	2.53	0.51	69.4	2.11	0.35	100.0	9.11	**0.57**	94.4	4.03	0.4	72.2	1.17	0.2	100.0	11.83
		100	11.83	2.25	**0.66**	91.7	2.08	0.58	100.0	3.67	0.65	100.0	2.33	0.38	75.0	1.58	0.24	100.0	9.58
IPC-GRID	7.5	10	2.06	1.58	**0.64**	87.5	2.29	0.6	91.7	3.02	0.46	66.7	2.29	0.43	64.6	2.08	0.35	93.8	5.44
		30	5.56	1.4	**0.81**	100.0	1.4	0.73	100.0	2.04	0.25	33.3	0.5	0.75	89.6	1.38	0.57	95.8	2.98
		50	8.88	1.35	0.79	91.7	1.17	0.75	100.0	1.73	0.39	39.6	0.46	**0.82**	97.9	1.19	0.74	97.9	1.56
		70	12.56	1.31	**0.87**	100.0	1.1	0.75	100.0	1.44	0.11	12.5	0.13	0.85	93.8	1.04	0.78	100.0	1.46
		100	17.25	1.5	0.88	100.0	1.13	0.74	100.0	1.5	0.13	18.8	0.19	**0.94**	100.0	1.0	0.85	100.0	1.19
LOGISTICS	10.0	10	2.67	2.0	**0.79**	100.0	3.33	0.75	100.0	3.72	0.45	58.3	1.94	0.49	55.6	2.03	0.21	100.0	9.75
		30	7.5	1.14	**0.83**	100.0	1.56	0.67	100.0	3.11	0.35	41.7	0.64	0.74	75.0	1.25	0.23	100.0	6.78
		50	11.92	1.06	0.79	94.4	1.47	0.68	100.0	2.44	0.32	33.3	0.36	**0.88**	94.4	1.14	0.29	100.0	4.83
		70	16.67	1.03	0.94	100.0	1.17	0.82	100.0	1.56	0.25	25.0	0.28	**0.99**	100.0	1.0	0.53	100.0	2.72
		100	23.17	1.0	**1.0**	100.0	1.0	0.9	100.0	1.25	0.08	8.3	0.08	**1.0**	100.0	1.0	0.6	100.0	2.58
MICONIC	6.0	10	3.0	1.83	**0.69**	91.7	2.83	0.65	94.4	3.28	0.59	100.0	3.69	0.47	44.4	1.39	0.31	100.0	6.0
		30	7.67	1.25	**0.69**	88.9	1.58	0.43	100.0	3.78	0.57	94.4	2.39	**0.69**	83.3	1.25	0.22	100.0	5.69
		50	12.25	1.03	0.79	86.1	1.17	0.5	100.0	3.14	0.76	94.4	1.5	**0.8**	88.9	1.19	0.21	100.0	5.22
		70	17.33	1.0	0.81	88.9	1.19	0.37	100.0	3.5	0.77	97.2	1.5	**0.85**	88.9	1.08	0.23	100.0	4.86
		100	24.0	1.0	0.92	91.7	1.0	0.57	100.0	2.83	**0.96**	100.0	1.08	0.92	91.7	1.0	0.23	100.0	4.42
ROVERS	6.0	10	1.83	2.39	0.73	80.6	3.0	**0.74**	83.3	3.03	0.68	88.9	3.28	0.43	55.6	1.28	0.47	100.0	5.25
		30	4.5	1.39	**0.82**	83.3	1.39	0.66	86.1	2.28	0.62	83.3	1.94	0.64	75.0	1.14	0.32	100.0	4.78
		50	7.17	1.11	**0.72**	77.8	1.28	0.61	86.1	2.06	0.48	55.6	0.86	0.63	75.0	1.33	0.29	100.0	4.53
		70	10.0	1.06	**0.81**	86.1	1.22	0.64	97.2	2.33	0.38	41.7	0.61	0.76	83.3	1.14	0.31	100.0	4.11
		100	13.67	1.0	0.88	91.7	1.08	0.83	100.0	1.58	0.33	33.3	0.33	**0.94**	100.0	1.17	0.35	100.0	3.58
SATELLITE	6.0	10	2.0	3.25	0.74	88.9	3.86	**0.75**	88.9	3.89	0.64	91.7	4.53	0.51	72.2	2.75	0.57	100.0	5.75
		30	4.33	1.78	**0.61**	77.8	2.33	0.6	91.7	3.36	0.44	72.2	2.92	0.46	72.2	1.86	0.32	100.0	5.67
		50	6.75	1.36	**0.7**	86.1	1.83	0.54	94.4	3.33	0.64	88.9	2.33	0.6	80.6	1.44	0.28	100.0	5.17
		70	9.42	1.33	**0.67**	91.7	2.08	0.55	100.0	3.53	0.5	77.8	2.28	**0.67**	86.1	1.44	0.36	100.0	4.64
		100	12.75	1.25	**0.92**	100.0	1.42	0.73	100.0	2.5	0.65	83.3	1.58	0.74	100.0	1.33	0.43	100.0	4.08
SOKOBAN	8.5	10	3.33	1.83	**0.41**	52.8	1.92	0.35	69.4	3.67	0.22	58.3	3.94	0.37	63.9	2.39	0.24	100.0	6.86
		30	8.67	1.28	**0.64**	80.6	2.14	0.4	97.2	5.19	0.25	38.9	1.39	0.5	69.4	1.61	0.23	94.4	5.56
		50	13.75	1.33	**0.54**	75.0	2.08	0.38	88.9	4.69	0.05	8.3	0.42	0.51	66.7	1.44	0.22	97.2	5.58
		70	19.33	1.36	0.5	88.9	4.0	0.27	94.4	6.0	0.03	2.8	0.14	**0.51**	75.0	1.42	0.26	97.2	5.06
		100	27.0	1.33	0.47	91.7	4.67	0.33	91.7	5.67	0.0	0.0	0.0	**0.74**	91.7	1.25	0.35	100.0	3.83
Avg					**0.71**	87.34	2.18	0.58	95.08	3.76	0.43	60.52	2.05	0.63	77.26	1.39	0.36	99.09	5.96

Table 2: Results for each method, with suboptimal observations.