Previous Methods - Optimal, Noisy

					δ_{HC}			δ_{HCU}			RG 2009			POM 2017 h_{gc}			POM 2017 h_{gc}0.3		
#	$\|\Gamma\|$	% Obs	$\|\Omega\|$	$\|\Gamma^*\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$
BLOCKS	20.1	10	2.25	7.9	0.32	66.7	6.67	0.33	69.4	9.11	0.31	66.7	7.11	0.06	8.3	1.25	**0.35**	88.9	17.42
		30	4.08	3.91	0.37	75.0	3.44	**0.39**	88.9	7.64	**0.39**	91.7	6.28	0.13	27.8	1.25	0.25	100.0	14.69
		50	5.67	2.48	**0.64**	83.3	2.17	0.52	94.4	4.53	0.6	88.9	3.19	0.37	55.6	1.19	0.22	100.0	13.61
		70	8.42	1.94	**0.79**	91.7	1.67	0.58	94.4	2.86	0.77	94.4	2.14	0.47	66.7	1.22	0.22	100.0	11.14
		100	11.08	1.83	0.88	94.4	1.58	0.8	97.2	2.08	**0.89**	97.2	2.03	0.57	100.0	1.81	0.24	100.0	8.69
IPC-GRID	7.5	10	2.63	2.71	0.57	91.7	1.5	**0.61**	95.8	1.67	0.16	22.9	0.71	0.38	66.7	1.71	0.45	95.8	5.0
		30	5.19	1.21	**0.85**	91.7	1.17	0.83	93.8	1.25	0.28	29.2	0.33	0.71	85.4	1.67	0.6	95.8	3.02
		50	7.81	1.13	**0.89**	95.8	1.15	0.88	95.8	1.17	0.07	10.4	0.15	0.81	89.6	1.15	0.71	95.8	1.83
		70	10.75	1.04	**0.95**	100.0	1.15	**0.95**	100.0	1.15	0.15	14.6	0.15	0.93	100.0	1.15	0.81	100.0	1.42
		100	14.63	1.0	**1.0**	100.0	1.0	**1.0**	100.0	1.0	0.08	8.3	0.08	0.99	100.0	1.02	0.97	100.0	1.06
LOGISTICS	10.0	10	3.0	2.83	**0.58**	94.4	2.72	**0.58**	94.4	2.78	0.13	19.4	0.81	0.41	66.7	2.08	0.29	97.2	9.47
		30	7.58	1.19	0.82	94.4	1.28	**0.84**	100.0	1.67	0.06	5.6	0.14	0.78	91.7	1.36	0.24	100.0	7.03
		50	11.42	1.06	**0.9**	97.2	1.11	0.88	100.0	1.28	0.03	2.8	0.03	0.89	94.4	1.08	0.31	100.0	4.47
		70	16.08	1.03	**0.97**	100.0	1.03	0.94	100.0	1.08	0.03	2.8	0.03	0.94	100.0	1.08	0.47	100.0	2.92
		100	22.0	1.0	**1.0**	100.0	1.0	**1.0**	100.0	1.0	0.03	2.8	0.03	**1.0**	100.0	1.0	0.64	100.0	1.89
MICONIC	6.0	10	3.0	2.53	0.39	69.4	2.39	0.37	72.2	3.08	**0.46**	86.1	3.31	0.27	44.4	1.5	0.42	100.0	6.0
		30	6.83	1.22	**0.57**	80.6	1.44	0.43	83.3	2.22	0.55	94.4	1.94	**0.57**	69.4	1.17	0.23	100.0	5.42
		50	10.42	1.06	**0.93**	100.0	1.14	0.76	100.0	1.67	0.87	97.2	1.22	0.9	94.4	1.03	0.24	100.0	4.67
		70	14.83	1.0	0.94	97.2	1.08	0.78	100.0	1.53	0.93	100.0	1.17	**0.96**	97.2	1.03	0.32	100.0	4.03
		100	20.0	1.0	0.94	97.2	1.06	0.93	97.2	1.11	**1.0**	100.0	1.0	**1.0**	100.0	1.0	0.37	100.0	3.39
ROVERS	6.0	10	2.67	2.28	**0.44**	80.6	2.58	**0.44**	86.1	2.78	0.18	47.2	1.33	0.31	44.4	1.25	0.4	100.0	5.08
		30	4.67	1.31	0.7	83.3	1.36	0.68	91.7	1.69	0.45	61.1	1.22	**0.75**	86.1	1.19	0.35	100.0	4.31
		50	7.42	1.19	**0.8**	91.7	1.33	0.79	94.4	1.47	0.31	41.7	0.61	0.71	80.6	1.11	0.31	100.0	4.11
		70	10.17	1.0	**0.93**	97.2	1.08	0.89	97.2	1.17	0.49	50.0	0.53	0.88	91.7	1.08	0.34	100.0	3.44
		100	13.5	1.0	**0.97**	100.0	1.06	**0.97**	100.0	1.06	0.39	38.9	0.39	**0.97**	97.2	1.0	0.37	100.0	3.19
SATELLITE	6.0	10	2.42	3.53	0.53	75.0	3.31	0.51	77.8	3.64	0.41	58.3	2.94	0.34	50.0	2.28	**0.6**	100.0	5.75
		30	4.42	2.39	0.5	77.8	2.33	**0.54**	83.3	3.08	0.4	80.6	2.78	0.41	69.4	1.75	0.43	100.0	5.44
		50	7.17	1.58	**0.67**	88.9	1.89	0.57	91.7	2.53	0.42	75.0	2.5	0.49	72.2	1.5	0.3	100.0	5.42
		70	10.08	1.31	**0.87**	94.4	1.31	0.71	94.4	2.17	0.67	77.8	1.47	0.81	94.4	1.17	0.34	100.0	4.58
		100	13.17	1.25	**0.92**	97.2	1.31	0.88	97.2	1.39	0.69	77.8	1.31	0.88	100.0	1.22	0.46	100.0	3.78
SOKOBAN	8.5	10	3.33	2.11	0.27	58.3	2.78	**0.29**	83.3	4.36	0.1	30.6	1.83	0.24	41.7	1.42	0.27	97.2	5.61
		30	8.17	1.25	**0.56**	77.8	2.17	0.41	97.2	4.42	0.2	30.6	1.0	0.34	41.7	1.28	0.2	94.4	5.58
		50	12.67	1.22	**0.61**	94.4	2.97	0.47	97.2	4.11	0.2	30.6	0.75	0.57	66.7	1.28	0.27	97.2	4.94
		70	18.0	1.03	0.6	94.4	3.75	0.5	94.4	4.42	0.08	11.1	0.19	**0.84**	94.4	1.28	0.33	100.0	4.0
		100	24.67	1.0	0.66	100.0	3.89	0.55	100.0	4.28	0.04	5.6	0.08	**0.96**	100.0	1.08	0.38	100.0	3.28
Avg					**0.72**	89.48	1.97	0.67	93.23	2.64	0.37	50.06	1.45	0.65	76.83	1.3	0.39	98.93	5.59

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		
#	$\|\Gamma\|$	% Obs	$\|\Omega\|$	$\|\Gamma^*\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$	AGR	ACC	$\|\Gamma^{\mathbf{h}}\|$
BLOCKS	20.1	10	2.42	7.49	0.38	69.4	6.58	**0.42**	88.9	12.72	**0.42**	88.9	8.97	0.05	5.6	1.28	0.36	94.4	16.42
		30	4.92	3.55	0.36	63.9	3.47	0.34	91.7	11.33	**0.49**	91.7	5.47	0.22	47.2	1.22	0.23	100.0	15.5
		50	7.33	3.18	0.53	83.3	2.64	0.33	97.2	7.64	**0.55**	94.4	2.72	0.28	58.3	1.25	0.23	100.0	11.58
		70	10.67	2.53	**0.67**	88.9	2.22	0.45	100.0	5.56	0.63	86.1	2.47	0.38	72.2	1.19	0.23	100.0	10.33
		100	14.42	2.25	**0.78**	91.7	1.53	0.7	97.2	2.17	0.74	91.7	1.97	0.51	100.0	1.72	0.24	100.0	8.64
IPC-GRID	7.5	10	3.06	1.58	**0.62**	89.6	2.1	0.53	93.8	2.96	0.12	18.8	0.44	0.54	70.8	1.58	0.41	89.6	4.21
		30	7.13	1.4	0.68	89.6	1.44	0.55	93.8	2.08	0.08	14.6	0.29	**0.72**	87.5	1.25	0.61	93.8	2.44
		50	10.94	1.35	0.84	95.8	1.06	0.79	97.9	1.48	0.04	4.2	0.04	**0.85**	95.8	1.04	0.74	95.8	1.35
		70	15.56	1.31	0.89	100.0	1.06	0.87	100.0	1.15	0.02	2.1	0.02	**0.9**	97.9	1.0	0.86	100.0	1.15
		100	21.13	1.5	**0.94**	100.0	1.0	**0.94**	100.0	1.0	0.04	4.2	0.04	0.92	100.0	1.04	0.89	100.0	1.13
LOGISTICS	10.0	10	3.67	2.0	**0.55**	88.9	2.36	0.51	88.9	2.94	0.28	47.2	1.36	0.41	55.6	1.42	0.21	100.0	9.58
		30	9.33	1.14	0.8	100.0	1.33	0.7	100.0	1.94	0.12	13.9	0.19	**0.81**	88.9	1.08	0.24	100.0	5.78
		50	14.58	1.06	**0.91**	100.0	1.22	0.7	100.0	2.08	0.03	2.8	0.03	0.9	94.4	1.03	0.38	100.0	3.94
		70	20.17	1.03	0.96	100.0	1.06	0.84	100.0	1.36	0.0	0.0	0.0	**0.99**	100.0	1.0	0.56	100.0	2.47
		100	28.17	1.0	**1.0**	100.0	1.0	**1.0**	100.0	1.0	0.0	0.0	0.0	**1.0**	100.0	1.0	0.63	100.0	2.06
MICONIC	6.0	10	4.0	1.83	0.43	80.6	2.11	0.41	83.3	2.89	**0.47**	91.7	3.22	0.35	61.1	1.5	0.31	100.0	5.97
		30	9.67	1.25	**0.75**	88.9	1.36	0.36	100.0	3.69	0.64	94.4	1.97	0.69	86.1	1.33	0.22	100.0	5.5
		50	15.25	1.03	0.86	94.4	1.14	0.45	100.0	3.19	0.87	100.0	1.25	**0.93**	97.2	1.08	0.23	100.0	4.69
		70	21.25	1.0	0.9	94.4	1.08	0.45	97.2	3.03	**0.98**	100.0	1.06	0.94	97.2	1.11	0.24	100.0	4.44
		100	29.25	1.0	0.97	100.0	1.08	0.78	100.0	1.61	**1.0**	100.0	1.0	**1.0**	100.0	1.0	0.37	100.0	3.58
ROVERS	6.0	10	2.83	2.39	**0.46**	72.2	2.31	0.45	75.0	2.5	0.37	58.3	2.08	0.44	58.3	1.25	0.44	100.0	5.42
		30	5.75	1.39	**0.65**	91.7	1.56	0.53	94.4	2.28	0.4	63.9	1.11	0.51	63.9	1.17	0.34	100.0	4.5
		50	9.0	1.11	**0.87**	97.2	1.19	0.77	97.2	1.5	0.49	55.6	0.67	0.72	80.6	1.14	0.32	100.0	4.0
		70	12.42	1.06	**0.93**	100.0	1.11	0.86	100.0	1.39	0.26	27.8	0.31	0.89	94.4	1.06	0.33	100.0	3.67
		100	16.92	1.0	**0.97**	100.0	1.06	0.96	100.0	1.08	0.34	36.1	0.5	0.9	94.4	1.08	0.37	100.0	3.28
SATELLITE	6.0	10	3.0	3.25	0.49	83.3	3.08	0.47	86.1	3.78	0.41	66.7	3.11	0.29	52.8	2.36	**0.53**	100.0	5.72
		30	5.33	1.78	**0.54**	77.8	2.17	0.47	86.1	3.69	**0.54**	88.9	3.0	0.51	77.8	1.92	0.32	100.0	5.39
		50	8.75	1.36	**0.78**	88.9	1.42	0.56	94.4	2.69	0.61	91.7	2.19	0.66	91.7	1.33	0.33	100.0	4.97
		70	11.75	1.33	**0.86**	97.2	1.47	0.64	100.0	2.83	0.63	77.8	1.67	0.78	94.4	1.42	0.38	100.0	4.31
		100	15.75	1.25	**0.92**	94.4	1.19	0.88	94.4	1.28	0.47	55.6	1.0	**0.92**	100.0	1.25	0.46	100.0	3.86
SOKOBAN	8.5	10	4.33	1.83	0.31	58.3	2.47	**0.34**	80.6	4.81	0.13	36.1	2.39	0.25	44.4	1.67	0.24	97.2	6.47
		30	11.0	1.28	**0.48**	75.0	2.81	0.29	97.2	5.36	0.12	19.4	0.75	0.29	41.7	1.28	0.23	94.4	5.5
		50	17.08	1.33	**0.5**	94.4	4.22	0.32	94.4	5.89	0.01	2.8	0.06	0.46	55.6	1.22	0.27	94.4	4.86
		70	23.58	1.36	0.54	100.0	4.44	0.36	100.0	5.92	0.06	8.3	0.11	**0.58**	77.8	1.28	0.28	100.0	4.25
		100	32.67	1.33	0.35	94.4	5.97	0.34	97.2	6.56	0.04	5.6	0.06	**0.77**	100.0	1.14	0.33	100.0	3.31
Avg					**0.7**	89.84	2.1	0.58	95.06	3.53	0.35	49.74	1.47	0.64	78.39	1.28	0.38	98.85	5.44

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