

Supplement: Full Simulation Results

Results from Section 6 simulations

The figures in sections 6.1–6.5 of the main article summarize the results from 5 simulation settings as a parameters is varied in 10 different settings. These figure show the proportion of times that the estimated number of clusters \hat{k} was equal to the true number of clusters k . In this supplementary appendix we provide additional information. For each algorithm and simulation setting we provide a table. In each table, the columns indicate the simulation parameter setting; the rows indicate the number of replicates with the given estimated number of clusters \hat{k} . In cases where the estimate was not defined, we report \hat{k} as NA.

Setting 1

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	97	84	28	3	1	0	0	0	0	0
7	3	7	15	1	1	1	0	0	1	2
8	0	4	16	7	4	0	0	0	0	0
9	0	4	24	27	16	11	7	4	4	2
10	0	1	17	62	78	88	93	96	95	96
NA	0	0	0	0	0	0	0	0	0	0

Table 1: gabriel-nearest-5x2

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	96	97	91	89	89	95	95	95	100	97
7	1	2	6	6	4	2	2	3	0	0
8	1	1	2	2	3	2	3	2	0	1
9	2	0	1	3	3	0	0	0	0	1
10	0	0	0	0	1	1	0	0	0	1
NA	0	0	0	0	0	0	0	0	0	0

Table 2: gabriel-corr-correct2

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	1	1	2	2	2	1	2	0
4	4	3	5	5	9	4	4	8	8	4
5	15	16	15	14	15	16	18	20	17	17
6	74	72	69	68	58	65	62	57	58	48
7	4	6	7	9	11	7	6	8	9	9
8	3	3	3	3	3	2	5	2	4	6
9	0	0	0	0	1	1	1	1	0	9
10	0	0	0	0	1	3	2	3	2	7
NA	0	0	0	0	0	0	0	0	0	0

Table 3: wold

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	100	100	62	9	1	0	0	0	0	0
7	0	0	8	5	0	0	0	0	0	0
8	0	0	17	16	2	0	0	0	0	0
9	0	0	8	18	11	3	0	0	0	0
10	0	0	5	52	86	97	100	100	100	100
NA	0	0	0	0	0	0	0	0	0	0

Table 4: gap

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	100	92	98	100	99	99	98	99	99	94
7	0	7	1	0	0	0	2	0	0	3
8	0	0	1	0	0	0	0	0	1	2
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1
NA	0	1	0	0	1	1	0	1	0	0

Table 5: BIC

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0	0
3	3	1	2	0	1	1	1	1	1	0
4	6	3	5	3	3	3	3	3	3	2
5	15	17	10	7	10	6	7	6	4	5
6	38	35	27	32	35	27	26	25	23	23
7	23	18	26	27	19	33	26	23	14	10
8	6	15	11	18	15	12	15	13	18	15
9	4	4	15	7	13	13	13	17	16	20
10	4	6	4	6	4	5	9	12	21	25
NA	0	0	0	0	0	0	0	0	0	0

Table 6: CH

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	3	8	7	7	7	5	5	4	3	8
4	9	11	11	7	8	11	9	6	6	13
5	17	21	13	12	11	9	12	7	10	10
6	45	34	31	39	36	31	34	34	32	29
7	14	10	15	18	17	24	16	22	14	17
8	4	7	15	9	13	9	8	11	18	8
9	7	7	7	4	7	7	9	12	12	9
10	1	2	1	4	1	4	7	4	5	6
NA	0	0	0	0	0	0	0	0	0	0

Table 7: Hartigan

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	100	100	100	96	22	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	1	3	1	0	0	0	0
9	0	0	0	0	13	15	9	5	3	1
10	0	0	0	3	62	84	91	95	97	99
NA	0	0	0	0	0	0	0	0	0	0

Table 8: Jump

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	89	95	90	95	88	89	91	92	91	93
2	10	4	10	5	10	11	8	8	8	6
3	1	1	0	0	2	0	1	0	1	1
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 9: PS

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
1	0	0	0	0	0	0	0	0	0	0
2	5	2	2	0	1	1	1	1	1	1
3	0	0	0	0	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	1	0
6	5	7	7	1	2	0	0	0	1	3
7	14	19	8	4	5	7	3	3	3	2
8	30	22	27	17	21	13	15	9	11	13
9	25	23	24	31	38	25	26	26	27	27
10	20	26	32	47	32	54	55	61	56	54
NA	0	0	0	0	0	0	0	0	0	0

Table 10: Stab

Setting 2

	0	6	12	18	24	30	36	42	48	54
1	0	3	9	3	19	0	12	6	0	1
2	0	5	7	1	6	0	12	6	1	1
3	99	88	82	92	74	99	73	84	97	97
4	0	2	0	2	0	0	3	3	0	0
5	1	0	2	1	1	1	0	1	2	1
6	0	0	0	0	0	0	0	0	0	0
7	0	1	0	1	0	0	0	0	0	0
8	0	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 11: gabriel-nearest-5x2

	0	6	12	18	24	30	36	42	48	54
1	0	3	9	3	19	0	12	6	0	1
2	1	5	6	1	5	0	11	6	1	1
3	98	92	85	96	76	100	77	88	99	98
4	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 12: gabriel-corr-correct2

	0	6	12	18	24	30	36	42	48	54
1	6	6	6	6	6	6	6	7	6	6
2	25	24	23	23	24	24	23	24	26	25
3	47	49	52	52	51	51	51	50	48	49
4	8	14	12	13	14	15	11	14	15	15
5	3	1	2	2	2	1	5	0	1	3
6	1	1	3	2	2	2	4	3	3	1
7	0	1	0	2	0	0	0	0	1	0
8	4	2	2	0	1	1	0	1	0	1
9	2	1	0	0	0	0	0	1	0	0
10	4	1	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 13: wold

	0	6	12	18	24	30	36	42	48	54
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	100	100	100	100	100	100	100	100	100
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 14: gap

	0	6	12	18	24	30	36	42	48	54
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	99	100	100	100	100	100	100	100	100
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 15: BIC

	0	6	12	18	24	30	36	42	48	54
1	0	0	0	0	0	0	0	0	0	0
2	1	2	4	4	5	5	5	7	7	7
3	80	80	80	80	80	80	80	79	79	79
4	12	12	10	11	11	10	11	11	10	11
5	5	5	5	4	3	4	3	2	3	2
6	2	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 16: CH

	0	6	12	18	24	30	36	42	48	54
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	89	89	88	89	89	88	89	89	88	89
4	7	7	8	7	7	8	7	7	8	7
5	2	2	2	2	2	2	2	2	2	2
6	0	0	0	0	0	0	0	0	0	0
7	2	2	2	2	2	2	2	2	2	2
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 17: Hartigan

	0	6	12	18	24	30	36	42	48	54
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	100	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	8	3	1	0	0	0	0	0
10	0	0	92	97	99	100	100	100	100	100
NA	0	0	0	0	0	0	0	0	0	0

Table 18: Jump

	0	6	12	18	24	30	36	42	48	54
1	30	28	30	34	31	31	32	26	27	31
2	30	29	26	27	30	28	32	29	28	27
3	40	43	44	39	39	41	36	45	45	42
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 19: PS

	0	6	12	18	24	30	36	42	48	54
1	0	0	0	0	0	0	0	0	0	0
2	23	23	22	23	24	24	23	23	23	22
3	55	62	59	62	60	56	56	59	57	57
4	13	8	11	7	9	13	13	10	12	14
5	0	2	0	0	2	1	0	1	2	3
6	0	0	0	1	0	0	0	0	0	0
7	0	0	0	0	1	1	0	1	0	0
8	0	0	1	0	1	0	1	0	0	0
9	0	1	2	2	1	0	2	0	3	0
10	9	4	5	5	2	5	5	6	3	4
NA	0	0	0	0	0	0	0	0	0	0

Table 20: Stab

Setting 3

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	91	98	100	100	100	100	100	100	100	100
9	6	2	0	0	0	0	0	0	0	0
10	3	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 21: gabriel-nearest-5x2

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	90	100	100	100	100	100	100	100	100	100
9	7	0	0	0	0	0	0	0	0	0
10	3	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 22: gabriel-corr-correct2

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0
5	3	0	0	0	0	0	0	0	0	0
6	5	0	0	0	0	0	0	0	0	0
7	20	0	0	0	0	0	0	0	0	0
8	62	98	100	100	100	100	100	100	100	100
9	7	2	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 23: wold

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	100	100	100	100	100	100	100	100	100	100
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 24: gap

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	2	9	33	76
2	0	0	0	0	0	4	4	6	8	6
3	0	0	0	0	0	4	8	9	5	5
4	0	0	0	0	0	4	8	7	9	6
5	0	0	0	0	1	9	15	12	5	1
6	0	0	0	0	4	11	8	8	9	1
7	0	0	0	0	14	14	12	10	8	1
8	100	100	100	100	73	21	18	17	6	0
9	0	0	0	0	3	14	9	8	8	1
10	0	0	0	0	5	19	16	14	9	3
NA	0	0	0	0	0	0	0	0	0	0

Table 25: BIC

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	1	6	14	22	24	26	35	28	27	29
3	0	3	2	11	9	10	14	19	22	23
4	2	2	8	9	12	11	9	14	14	12
5	3	6	11	8	11	10	11	9	10	13
6	12	14	13	16	11	11	10	10	8	11
7	19	24	23	15	13	19	12	14	12	5
8	23	23	21	13	20	13	9	4	7	7
9	20	14	5	6	0	0	0	2	0	0
10	20	8	3	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 26: CH

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	7	7	3	4	1	4	4	3	3	2
4	4	1	3	5	4	7	5	6	3	6
5	5	3	5	7	13	3	7	7	5	8
6	14	13	17	17	13	15	12	8	9	19
7	19	24	23	14	19	17	25	28	26	14
8	18	25	20	27	35	33	30	32	27	32
9	17	12	12	18	9	9	14	11	17	10
10	16	15	17	8	6	12	3	5	10	9
NA	0	0	0	0	0	0	0	0	0	0

Table 27: Hartigan

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	100	100	100	100	100	100	100	100	100	100
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 28: Jump

	10	20	30	40	50	60	70	80	90	100
1	90	94	98	97	100	100	100	100	100	100
2	9	6	2	3	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 29: PS

	10	20	30	40	50	60	70	80	90	100
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0
8	9	6	8	12	7	2	2	2	3	1
9	27	31	32	26	27	36	32	37	28	28
10	63	62	60	62	66	62	66	61	69	71
NA	0	0	0	0	0	0	0	0	0	0

Table 30: Stab

Setting 4

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	100	99	99	99	99	99	99	100	100
4	0	0	1	1	1	1	1	1	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 31: gabriel-nearest-5x2

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	99	100	99	100	99	99	99	99	100	100
4	1	0	1	0	1	1	1	1	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 32: gabriel-corr-correct2

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	96	97	97	95	96	94	93	94	94
4	0	4	3	3	5	4	6	7	6	5
5	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 33: wold

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	100	100	96	85	75	62	54	49	41
4	0	0	0	1	4	6	7	5	3	2
5	0	0	0	1	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1
7	0	0	0	0	0	1	0	1	1	1
8	0	0	0	0	1	3	3	5	5	4
9	0	0	0	0	2	5	6	6	7	10
10	0	0	0	2	7	9	22	29	34	41
NA	0	0	0	0	0	0	0	0	0	0

Table 34: gap

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	100	100	100	97	97	82	76	69	61	65
4	0	0	0	1	2	16	20	28	28	17
5	0	0	0	0	0	1	4	3	10	15
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	2	1	1	0	0	1	3

Table 35: BIC

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	14	11	10	8	9	10	11	10	10	14
3	83	80	80	81	81	81	79	81	82	80
4	3	9	10	11	10	9	10	9	8	6
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 36: CH

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	96	91	90	91	90	91	90	90	91	90
4	4	7	9	8	8	7	7	7	7	7
5	0	2	1	1	2	2	3	3	2	3
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 37: Hartigan

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	4	3	2	1	2	1	2	2	2
9	10	31	30	24	19	24	21	18	19	20
10	87	65	67	74	80	74	78	80	79	78
NA	0	0	0	0	0	0	0	0	0	0

Table 38: Jump

	1	5	10	15	20	25	30	35	40	45
1	5	13	29	28	28	28	28	30	30	34
2	1	3	1	2	2	2	1	1	1	2
3	94	84	70	70	70	70	71	69	69	64
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 39: PS

	1	5	10	15	20	25	30	35	40	45
1	0	0	0	0	0	0	0	0	0	0
2	2	2	0	0	0	0	0	0	0	1
3	73	55	57	61	61	58	58	58	57	52
4	24	34	32	26	27	30	31	30	28	32
5	1	9	11	11	10	10	8	11	12	13
6	0	0	0	1	2	2	3	1	3	2
7	0	0	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 40: Stab

Setting 5

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	5	2	0	0	0	0	0	0	0	0
5	91	97	99	100	99	99	100	99	99	99
6	2	1	1	0	1	1	0	1	1	1
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 41: gabriel-nearest-5x2

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	2	2	0	0	0	0	0	0	0	0
5	73	96	98	100	100	100	99	100	100	100
6	20	2	2	0	0	0	0	0	0	0
7	3	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 42: gabriel-corr-correct2

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	5	3	0	0	1	0	1	0	0	1
5	87	95	94	96	97	98	97	97	93	94
6	8	2	5	4	2	2	2	3	7	4
7	0	0	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1
NA	0	0	0	0	0	0	0	0	0	0

Table 43: wold

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	50	98	99	100	100	100	100	100	100	100
6	21	2	1	0	0	0	0	0	0	0
7	9	0	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0	0
9	6	0	0	0	0	0	0	0	0	0
10	10	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 44: gap

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	31	64	86	97	96	100	100	100
6	3	29	53	32	12	3	4	0	0	0
7	0	24	15	0	0	0	0	0	0	0
8	1	22	0	0	0	0	0	0	0	0
9	5	12	0	0	0	0	0	0	0	0
10	91	10	0	0	0	0	0	0	0	0
NA	0	3	1	4	2	0	0	0	0	0

Table 45: BIC

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	1	1	0	1	2	3	3	2
3	0	1	0	3	1	2	3	2	4	1
4	5	11	8	14	16	10	17	20	10	17
5	37	32	51	46	53	58	50	49	50	45
6	23	33	25	29	22	20	22	20	29	29
7	16	18	10	3	5	8	4	4	2	3
8	13	1	2	3	3	1	2	2	1	2
9	4	3	2	1	0	0	0	0	1	1
10	2	1	1	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 46: CH

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	1	5	2	5	5	2	4	1	3	3
4	2	15	10	15	13	9	13	17	10	15
5	45	40	59	59	54	66	60	54	58	52
6	24	26	19	11	13	13	14	18	17	23
7	15	9	4	4	10	7	4	7	7	4
8	7	2	3	3	3	3	2	2	4	2
9	2	2	1	2	2	0	1	1	1	0
10	4	1	2	1	0	0	2	0	0	1
NA	0	0	0	0	0	0	0	0	0	0

Table 47: Hartigan

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	13	92	98	100	100	100	100	100	100	100
6	8	3	2	0	0	0	0	0	0	0
7	9	3	0	0	0	0	0	0	0	0
8	7	0	0	0	0	0	0	0	0	0
9	15	1	0	0	0	0	0	0	0	0
10	48	1	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 48: Jump

	2	3	4	5	6	7	8	9	10	11
1	88	99	96	93	94	94	96	91	94	94
2	2	1	4	7	6	5	4	9	6	6
3	0	0	0	0	0	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	4	0	0	0	0	0	0	0	0	0
7	2	0	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
NA	0	0	0	0	0	0	0	0	0	0

Table 49: PS

	2	3	4	5	6	7	8	9	10	11
1	0	0	0	0	0	0	0	0	0	0
2	0	0	1	2	1	1	1	1	1	2
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	2	0	3	5	2	2
6	0	16	21	23	25	15	35	35	43	37
7	10	31	33	40	44	48	45	37	34	36
8	26	37	27	24	21	25	13	16	19	18
9	32	10	15	9	6	6	3	5	1	2
10	27	5	2	2	1	5	0	1	0	3
NA	5	1	0	0	0	0	0	0	0	0

Table 50: Stab