1 Markov Blanket Recovery Experiments

We present additional results across the 4 datasets used in Tables 1 — 4. Table 1 has results for the ALARM network, Table 2 for the Barley network, Table 3 for the Hailfinder network, and Table 4 for the Insurance network. The Hailfinder table (Table 3) is also presented in the paper, but repeated here for completeness. All results are rounded to the nearest integer for brevity, and thus may not total exactly 30 or 10.

Table 1: Win/Draw/Loss results for ALARM network.

Size	2 TP	TPTN	TPFN	TPFP
10	12/18/0	12/17/0	12/16/2	12/17/1
20	12/18/0	12/18/0	11/17/2	12/18/1
30	13/17/0	11/19/0	11/16/2	11/18/1
40	12/17/0	12/17/0	10/17/3	11/17/2
50	13/17/1	12/17/1	11/15/4	12/16/2
60	13/17/1	12/17/1	10/15/5	11/16/3
70	13/17/0	12/17/1	11/14/5	12/15/4
80	12/17/1	13/16/1	10/14/6	12/14/4
90	13/16/1	14/15/1	10/13/7	12/13/6
100	16/13/1	16/13/1	13/12/6	14/11/4
Mean	**13/17/1**	**13/17/1**	**11/15/4**	**12/15/3**
200	5/4/0	5/4/0	4/4/2	4/3/3
300	6/3/0	6/3/0	4/3/3	4/3/4
400	6/4/0	6/4/0	4/4/3	4/3/4
500	5/4/0	6/4/0	4/4/3	4/3/3
600	4/6/0	4/5/0	3/5/2	3/4/3
700	4/6/0	5/5/0	3/5/2	3/4/3
800	4/6/0	4/6/0	3/5/2	3/4/3
900	3/7/0	3/7/0	2/6/2	2/5/2
1000	3/7/0	3/6/0	2/6/2	3/6/2
Mean	**5/5/0**	**5/5/0**	**3/4/2**	**3/4/3**

Table 2: Win/Draw/Loss results for Barley network.

Size	2 TP	TPTN	TPFN	TPFP
10	10/20/0	10/20/0	11/19/1	10/19/1
20	21/9/0	21/9/0	21/8/0	21/7/2
30	20/10/0	20/10/0	20/8/2	20/8/3
40	15/15/0	14/16/0	15/14/2	14/15/1
50	10/20/0	9/21/0	9/19/2	9/20/1
60	12/18/0	12/18/0	11/17/2	11/18/1
70	17/13/0	16/14/0	16/13/1	16/13/1
80	20/10/0	20/10/0	20/9/1	20/8/2
90	21/9/0	21/8/0	21/8/1	21/7/2
100	22/8/0	22/8/0	21/7/1	22/6/2
Mean	**17/13/0**	**17/13/0**	**17/12/1**	**16/12/1**
200	7/3/0	6/3/0	6/3/1	7/2/1
300	9/1/0	8/2/0	8/1/0	8/2/1
400	8/2/0	8/2/0	8/2/0	8/1/1
500	8/2/0	7/3/0	7/2/1	7/2/1
600	7/3/0	7/3/0	6/3/1	6/3/1
700	6/4/0	5/5/0	5/4/1	5/4/1
800	5/5/0	5/5/0	5/5/1	4/5/1
900	5/5/0	4/6/0	4/5/1	4/5/1
1000	4/6/0	4/6/0	4/5/1	4/5/1
Mean	**7/3/0**	**6/4/0**	**6/3/1**	**6/3/1**

Table 3: Win/Draw/Loss results on Hailfinder

Size	2 TP	TPTN	TPFN	TPFP
10	16/14/0	15/15/0	15/12/3	15/14/1
20	13/17/0	13/17/0	12/15/3	12/17/1
30	12/18/0	12/18/0	11/15/4	11/18/1
40	10/19/0	11/19/0	10/16/3	10/19/1
50	14/16/0	14/16/0	12/14/4	12/16/1
60	12/18/0	12/18/0	11/14/5	11/17/1
70	10/20/0	10/20/0	9/16/5	9/20/1
80	11/19/0	10/20/0	10/16/4	10/19/1
90	12/17/0	12/18/0	11/15/4	12/17/1
100	15/15/0	15/14/1	13/12/5	14/14/1
Mean	**12/17/0**	**12/18/0**	**11/14/4**	**12/17/1**
200	6/4/0	6/4/0	5/4/2	5/4/1
300	6/4/0	6/4/0	5/4/2	6/4/1
400	6/4/0	6/4/0	5/4/2	5/4/1
500	6/4/0	5/4/0	4/4/2	5/4/1
600	6/4/0	5/5/0	4/4/2	4/4/1
700	5/5/0	5/5/0	4/4/2	4/5/1
800	4/6/0	4/6/0	4/4/2	4/5/1
900	4/6/0	3/6/0	3/5/2	4/6/0
1000	4/6/0	3/6/0	3/6/2	3/6/0
Mean	**5/5/0**	**5/5/0**	**4/4/2**	**4/5/1**

Table 4: Win/Draw/Loss results for Insurance.

Size	2 TP	TPTN	TPFN	TPFP
10	9/20/0	9/21/0	8/18/4	7/19/3
20	10/19/0	11/19/1	9/16/5	9/17/3
30	12/18/0	11/18/1	9/17/5	11/16/4
40	12/17/1	10/19/1	10/14/5	10/16/4
50	12/16/1	12/17/1	11/14/6	11/15/4
60	12/17/1	12/17/1	9/14/7	11/15/4
70	13/15/1	13/16/1	10/13/7	11/15/5
80	14/15/2	13/15/2	10/14/7	11/14/5
90	13/15/2	14/15/2	9/12/8	10/15/5
100	18/9/3	18/10/3	14/10/6	15/10/5
Mean	**13/16/1**	**12/17/1**	**10/14/6**	**11/15/4**
200	7/2/1	7/3/1	5/3/2	5/3/2
300	8/2/0	7/3/1	5/3/2	5/2/2
400	8/2/0	7/3/1	5/3/3	4/3/3
500	7/3/1	6/3/1	4/3/3	4/3/3
600	6/3/1	5/4/0	4/4/2	5/3/2
700	6/4/0	5/4/1	3/4/3	3/4/3
800	5/4/1	5/4/1	4/4/3	4/4/2
900	5/5/1	4/5/1	3/5/3	4/5/2
1000	4/5/1	4/5/1	3/5/2	3/5/2
Mean	**6/3/1**	**6/4/1**	**4/4/2**	**4/4/2**