

Table III. Median Normalized Bayesian Score Results. We normalize the scores reported by dividing by the corresponding score of *MMHC* on the same dataset. Normalized scores are positive numbers; *normalized scores less than one indicate a learned network that is more a posteriori probable (under the scoring assumptions) than that learned by MMHC on the same dataset.* The term in the parentheses is the number of networks for each algorithm was included in the median calculation (the algorithm finished within two days).

Algorithm	Median Normalized Bayesian Scores					
	Sample Size (SS)			Average Over SS		
500	1000	5000				
MMHC	1.000 (22)	1.000 (22)	1.000 (22)	1.000		
OR1 k=5	1.016 (19)	1.010 (18)	1.009 (17)	1.012		
OR1 k=10	1.012 (19)	1.011 (18)	1.008 (16)	1.010		
OR1 k=20	1.015 (19)	1.017 (18)	1.013 (16)	1.015		
OR2 k=5	1.003 (19)	1.011 (18)	1.008 (16)	1.007		
OR2 k=10	1.013 (18)	1.011 (18)	1.006 (16)	1.010		
OR2 k=20	1.009 (18)	1.011 (18)	1.008 (16)	1.009		
SC k=5	0.993 (21)	0.995 (22)	1.002 (18)	0.997		
SC k=10	0.987 (13)	0.996 (13)	0.995 (13)	0.993		
GS	0.986 (20)	0.991 (20)	0.997 (20)	0.991		
PC	1.203 (18)	1.157 (18)	1.184 (20)	1.181		
TPDA	1.394 (21)	1.335 (21)	1.139 (22)	1.289		
GES	1.051 (7)	1.020 (6)	1.032 (6)	1.034		
Empty Graph	1.395 (22)	1.411 (22)	1.446 (22)	1.411		
True Graph	0.981 (22)	0.987 (22)	0.994 (22)	0.987		