

RUNNING TIMES I/O

1) Motif size m

Network	Index	Motif size	Total time	I/O time	Ratio (%)
HAMSTERSTER	3	4	0.267	0.068	25.55%
		5	3.240	0.108	3.33%
	4	5	37.724	33.869	89.78%
FLIGHTS	3	4	0.650	0.141	21.72%
		5	21.224	0.225	1.06%
	4	5	107.798	82.524	76.55%
BLOGS	3	4			
		5			
	4	5			
PPI	3	4	0.354	0.093	26.30%
		5	5.885	0.364	6.18%
	4	5	48.091	40.480	84.17%
DBLP	3	4			
		5			
	4	5			
FOLDOC	3	4			
		5			
	4	5			

2) Number of labels l

Network	Num Labels	Total time (min)	I/O time (min)	Ratio
HAMSTERSTER	2	2.823	0.722	25.57%
	6	0.185	0.038	20.49%
	10	0.071	0.012	16.47%
	14	0.043	0.005	10.47%
	18	0.042	0.008	19.29%
FLIGHTS	2	3.851	0.864	22.44%
	6	0.224	0.044	19.55%
	10	0.088	0.015	16.73%
	14	0.083	0.038	45.43%
	18	0.097	0.058	59.53%
BLOGS	2	14.972	2.383	15.91%
	6	1.323	0.551	41.64%
	10	1.140	0.894	78.41%
	14	0.914	0.798	87.29%

	18	0.856	0.781	91.19%
PPI	2	5.606	1.304	23.27%
	6	0.649	0.211	32.46%
	10	0.400	0.157	39.34%
	14	0.331	0.122	36.87%
	18	0.399	0.202	50.67%
DBLP	2	28.418	8.156	28.70%
	6	2.650	1.129	42.60%
	10	1.782	1.145	64.25%
	14	1.338	0.915	68.39%
	18	1.066	0.721	67.67%
FOLDOC	2	41.735	14.873	35.64%
	6	4.405	2.791	63.37%
	10	2.384	1.632	68.46%
	14	1.697	1.179	69.52%
	18	1.546	1.084	70.10%

3) Number of constraints c

Network	Num Constraints	Total time (min)	I/O time (min)	Ratio (%)
HAMSTERSTER	1	7.652	0.680	8.89%
	2	3.880	0.528	13.60%
	3	0.944	0.203	21.49%
	4	0.270	0.061	22.73%
FLIGHTS	1	6.598	0.933	14.15%
	2	5.105	0.775	15.17%
	3	2.104	0.423	20.13%
	4	0.598	0.138	23.03%
BLOGS	1	38.963	5.784	14.84%
	2	34.094	5.254	15.41%
	3	22.929	2.600	11.34%
	4	13.373	2.497	18.67%
PPI	1	12.439	3.226	25.93%
	2	7.429	2.280	30.70%
	3	1.507	0.393	26.09%
	4	0.549	0.163	29.74%
DBLP	1	76.932	17.510	22.76%
	2	61.738	15.492	25.09%
	3	34.637	10.787	31.14%
	4	9.119	2.953	32.39%
FOLDOC	1	324.443	37.639	11.60%
	2	43.285	28.074	64.86%
	3	11.459	9.365	81.72%
	4	2.103	1.443	68.61%