

Table S1. Timings (in seconds) of B_NW_SL (SILGGM) and B_NW_SL (FastGGM)

Average node degree	π	p	n	B_NW_SL (SILGGM)	B_NW_SL (FastGGM)
4.045	0.005	800	400	24.9	36.6
4.994	0.005	1000	800	72.8	145.2
4.970	0.0025	2000	800	411.7	938.5
5.0264	0.001	5000	800	5772.6	8663.7
5.0498	0.0005	10000	800	40080.6	49650.2