Symbol	Definition
$G_0 = (V, E_{G_0})$	true graph with $n = |V|$ and $m = |E_{G_0}|$
$\mathcal{G} = (V, E, p)$	uncertain graph constructed from G_0
$G = (V, E_G)$	sample graph from $\mathcal{G}$, $G \sqsubseteq \mathcal{G}$
$d_u(G), d_u(\mathcal{G})$	degree of node u in $G, \mathcal{G}$
$\Delta(d)$	number of nodes having degree d in G
$\mathcal{N}(u)$	neighbors of node u in $\mathcal{G}$
R_σ	truncated normal distribution on [0,1]
$r_e \leftarrow R_\sigma$	a sample from the distribution R_σ
$p_i \ (p_{uv})$	probability of edge $e_i \ (e_{uv})$
n_p	number of potential edges, $|E| = m + n_p$
$A, \mathcal{A}$	adjacency matrices of $G_0, \mathcal{G}$
P_{RW}	random walk transition matrix of G_0
$B^{(t)}$	uncertain adjacency matrix, $B^{(t)} = AP_{RW}^{t-1}$
t	walk length
S	switching matrix
TV	total degree variance