Parameter	Description	Value
n	graph size	5000
μ	mixing parameter	$\{0.1, 0.3\}$
$\bar{k}$	average degree	10
k_{max}	maximum degree	50
$|\mathcal{C}|_{min}$	minimum community size	20
$|\mathcal{C}|_{max}$	maximum community size	100
τ_1	node degree distribution exp.	2
τ_2	community size distribution exp.	1
om	overlapping membership	$\{2, 3, ..., 8\}$
on	overlapping node	2500