Table 7: Node clustering results (%) of DGI and metapath2vec with different number of clusters. The ground truth # clusters of ACM, DBLP, and IMDB are 3, 4, and 3, respectively.

Method	Input	# Clusters	ACM			DBLP			IMDB		
			NMI	ARI	ACC	NMI	ARI	ACC	NMI	ARI	ACC
DGI	G, X	ground truth	0.32	0.01	35.37	33.38	12.85	50.70	7.70	9.07	48.50
		50	4.21	0.83	6.71	35.52	7.50	11.41	5.50	1.35	8.41
DGI	G', X	ground truth	47.03	43.66	71.57	34.29	29.79	54.47	0.44	0.00	35.25
		50	34.74	8.51	13.42	41.19	10.58	14.05	3.58	0.94	9.82
metapath2vec	G'	ground truth	47.51	42.90	69.72	45.56	36.76	66.84	5.34	5.10	44.09
		50	29.13	8.34	18.94	42.77	11.83	16.44	4.13	0.70	8.37