

Table 1      The privacy-preserving performance of private link reconstruction attack, reported as AUC (Std).	
	Private link reconstruction attack (AUC%)
	Deezer      Facebook-Page      LastFM      Twitter-Foursquare      Phone-Email
GCC	86.19 (0.38)      92.02 (0.21)      88.70 (0.09)      72.28 (0.51)      82.32 (0.23)
GAL-W	69.29 (0.29)      72.12 (0.08)      74.49 (0.24)      64.24 (0.27)      70.06 (0.64)
GAL-TV	71.52 (0.25)      75.83 (0.26)      78.28 (0.23)      65.02 (0.31)      71.67 (0.24)
EdgeRand	83.05 (0.62)      85.29 (0.58)      87.45 (0.40)      69.15 (0.21)      78.90 (0.22)
LapGraph	83.75 (0.08)      85.90 (0.19)      86.83 (0.30)      69.33 (0.15)      79.47 (0.39)
Ours	82.35 (0.17)      83.80 (0.15)      83.55 (0.11)      68.82 (0.24)      74.87 (0.37)