

																Test	
Original	0.52	0.52	0.51	0.52	0.53	0.50	0.59	0.52	0.51	0.51	0.50	0.51	0.51	NA	0.50	GOLD STANDARD (222,452/95,018)	
	0.73	0.97	0.94	0.99	0.98	0.87	0.74	0.97	0.65	0.97	0.95	0.95	0.82	0.92	0.88	HUANG (5,316/3,418)	
	0.64	0.70	0.91	0.91	0.99	0.73	0.67	0.71	0.52	0.72	0.62	0.70	0.60	0.81	0.74	GUO (8,966/6,309)	
	0.78	0.91	0.88	0.96	0.95	0.82	0.64	0.88	0.45	0.88	0.69	0.88	0.65	0.87	0.84	DU (27,514/19,566)	
	0.87	0.99	0.88	1.00	0.99	0.85	0.77	0.97	0.40	0.98	0.76	0.97	0.47	0.93	0.89	PAN (50,414/32,405)	
	0.98	0.88	0.85	0.95	0.96	0.77	0.76	0.92	0.50	0.92	0.62	0.91	0.48	0.80	0.78	RICHOUX-REGULAR (67,404/59,842)	
	0.82	0.74	0.73	0.78	0.81	0.60	0.64	0.73	0.47	0.71	0.58	0.72	0.47	0.73	0.67	RICHOUX-STRICT (68,144/60,555)	
	0.93	0.88	0.83	0.97	0.97	0.81	0.84	0.80	0.52	0.78	0.62	0.78	0.56	NA	0.50	D-SCRIPT UNBALANCED (379,247/341,193)	
Rewired	0.60	0.89	0.90	0.96	0.97	0.75	0.50	0.85	0.46	0.88	0.83	0.86	0.63	0.91	0.91	HUANG (5,356/3,447)	
	0.60	0.72	0.76	0.80	0.91	0.59	0.50	0.66	0.52	0.66	0.63	0.66	0.58	0.75	0.64	GUO (8,966/6,350)	
	0.56	0.83	0.87	0.92	0.94	0.51	0.54	0.76	0.45	0.76	0.64	0.77	0.62	0.87	0.85	DU (27,458/19,510)	
	0.80	0.94	0.94	0.98	0.99	0.64	0.58	0.88	0.42	0.84	0.64	0.89	0.47	0.92	0.90	PAN (50,392/31,800)	
	0.82	0.84	0.83	0.92	0.92	0.52	0.52	0.84	0.50	0.87	0.61	0.82	0.46	0.81	0.75	RICHOUX-REGULAR (67,592/59,925)	
	0.79	0.70	0.64	0.73	0.75	0.49	0.50	0.71	0.46	0.71	0.54	0.72	0.49	0.71	0.68	RICHOUX-STRICT (68,268/60,656)	
	0.87	0.80	0.82	0.93	0.95	0.51	0.53	0.69	0.53	0.68	0.59	0.67	0.55	NA	0.50	D-SCRIPT UNBALANCED (379,764/341,688)	
Inter->Intra-1	0.59	0.93	0.79	0.95	0.94	0.49	0.49	0.89	0.71	0.92	0.87	0.89	0.77	0.90	0.90	HUANG (2,850/1,861)	
	0.63	0.87	0.81	0.95	0.90	0.50	0.55	0.89	0.50	0.90	0.84	0.90	0.80	0.80	0.75	GUO (4,604/3,169)	
	0.69	0.90	0.86	0.95	0.93	0.50	0.56	0.87	0.46	0.87	0.73	0.87	0.70	0.84	0.78	DU (15,202/10,922)	
	0.68	0.85	0.82	0.86	0.86	0.50	0.76	0.83	0.38	0.84	0.77	0.83	0.44	0.82	0.81	PAN (22,596/15,053)	
	0.74	0.81	0.79	0.87	0.87	0.52	0.68	0.78	0.51	0.81	0.66	0.76	0.53	0.77	0.71	RICHOUX-UNIPROT (28,866/24,579)	
	0.82	0.84	0.84	0.94	0.92	0.52	0.59	0.72	0.61	0.77	0.64	0.73	0.56	NA	0.50	D-SCRIPT UNBALANCED (33,348/164,973)	
Inter->Intra-0	0.67	0.97	0.52	0.99	0.93	0.50	0.50	0.95	0.74	0.95	0.85	0.94	0.75	0.90	0.83	HUANG (2,850/1,861)	
	0.67	0.85	0.52	0.91	0.87	0.51	0.48	0.87	0.52	0.87	0.78	0.87	0.78	0.78	0.75	GUO (4,604/3,169)	
	0.69	0.88	0.85	0.94	0.92	0.71	0.55	0.87	0.44	0.86	0.71	0.87	0.67	0.87	0.85	DU (15,202/10,922)	
	0.75	0.96	0.91	0.98	0.97	0.71	0.63	0.96	0.40	0.96	0.76	0.94	0.53	0.90	0.86	PAN (22,596/15,053)	
	0.77	0.78	0.73	0.84	0.83	0.50	0.57	0.77	0.48	0.78	0.60	0.75	0.48	0.73	0.67	RICHOUX-UNIPROT (28,866/24,579)	
	0.78	0.78	0.71	0.87	0.88	0.61	0.51	0.61	0.54	0.72	0.61	0.62	0.56	NA	0.50	D-SCRIPT UNBALANCED (33,348/164,973)	
Intra-0->Intra-1	0.47	0.52	0.50	0.57	0.53	0.50	0.52	0.57	0.56	0.50	0.50	0.52	0.57	0.50	0.50	HUANG (2,410/1,346)	
	0.49	0.50	0.52	0.58	0.63	0.50	0.55	0.51	0.41	0.49	0.51	0.52	0.56	0.50	0.50	GUO (4,640/3,193)	
	0.52	0.52	0.50	0.56	0.59	0.50	0.50	0.50	0.46	0.50	0.50	0.50	0.54	0.50	0.50	DU (14,468/9,862)	
	0.43	0.50	0.52	0.54	0.50	0.50	0.53	0.53	0.42	0.50	0.50	0.52	0.44	0.50	0.50	PAN (31,212/18,991)	
	0.56	0.52	0.52	0.57	0.64	0.49	0.48	0.50	0.51	0.50	0.52	0.50	0.54	0.50	0.50	RICHOUX-UNIPROT (39,634/33,076)	
	0.65	0.50	0.52	0.62	0.66	0.53	0.51	0.50	0.60	0.50	0.50	0.50	0.56	NA	0.50	D-SCRIPT UNBALANCED (27,148/134,293)	
Test	SPRINT (AUC)	Richoux-FC	Richoux-LSTM	DeepFE	PIPR	D-SCRIPT	Topsy Turvy	RF-PCA	SVM-PCA	RF-MDS	SVM-MDS	node2vec	RF-node2vec	SVM-Function	Harmonic	Local Consistency	Global and