

Test	Original							Rewired							Test		
	Original	Inter->Intra-1	Inter->Intra-0	Intra-0->Intra-1	Original	Inter->Intra-1	Inter->Intra-0	Intra-0->Intra-1	Original	Inter->Intra-1	Inter->Intra-0	Intra-0->Intra-1	Test				
Original	0.51	0.05	0.04	NA	0.04	0.17	0.14	0.04	0.03	0.02	-0.00	0.03	0.03	NA	0.00	GOLD STANDARD (222,452/95,018)	
	0.75	0.34	-0.04	0.45	0.80	0.55	0.32	0.93	0.31	0.94	0.90	0.90	0.64	0.84	0.77	HUANG (5,316/3,418)	
	0.63	0.20	NA	NA	NA	0.39	0.24	0.42	0.04	0.45	0.23	0.41	0.20	0.62	0.48	GUO (8,966/6,309)	
	0.73	0.66	0.01	0.13	0.69	0.26	0.33	0.76	-0.10	0.76	0.38	0.76	0.31	0.73	0.69	DU (27,514/19,566)	
	0.89	0.97	NA	0.30	0.45	0.60	0.79	0.95	-0.21	0.95	0.52	0.94	-0.06	0.86	0.80	PAN (50,414/32,405)	
	0.99	0.76	0.67	0.32	0.77	0.43	0.46	0.85	-0.01	0.85	0.25	0.83	-0.03	0.61	0.57	RICHOUX-REGULAR (67,404/59,842)	
	0.81	0.37	NA	0.01	0.46	0.44	0.27	0.49	-0.06	0.46	0.16	0.47	-0.06	0.47	0.36	RICHOUX-STRICT (68,144/60,555)	
	0.78	0.51	NA	0.76	0.74	0.46	0.43	0.74	0.03	0.69	0.15	0.69	0.07	NA	0.00	D-SCRIPT UNBALANCED (379,247/341,193)	
Rewired	0.56	0.37	NA	0.27	NA	0.44	NA	0.72	-0.09	0.75	0.66	0.73	0.25	0.83	0.83	HUANG (5,356/3,447)	
	0.58	0.16	-0.02	NA	NA	0.40	0.30	0.32	0.03	0.33	0.25	0.31	0.16	0.50	0.31	GUO (8,966/6,350)	
	0.34	0.40	NA	0.02	0.06	0.04	-0.01	0.53	-0.11	0.52	0.27	0.54	0.23	0.74	0.70	DU (27,458/19,510)	
	0.81	0.40	0.79	0.53	0.89	0.68	0.65	0.75	-0.15	0.69	0.29	0.79	-0.06	0.85	0.82	PAN (50,392/31,800)	
	0.84	0.69	0.61	0.19	0.61	0.17	0.54	0.68	-0.01	0.74	0.23	0.64	-0.08	0.65	0.56	RICHOUX-REGULAR (67,592/59,925)	
	0.73	0.34	0.37	0.14	0.34	0.48	0.50	0.45	-0.09	0.47	0.09	0.46	-0.02	0.43	0.37	RICHOUX-STRICT (68,268/60,656)	
	0.50	0.38	NA	0.64	0.49	0.56	0.06	0.54	0.03	0.53	0.12	0.53	0.05	NA	0.00	D-SCRIPT UNBALANCED (379,764/341,688)	
	Inter->Intra-1	0.62	0.41	NA	0.04	NA	0.14	NA	0.77	0.47	0.85	0.73	0.79	0.54	0.80	0.81	HUANG (2,850/1,861)
0.68		0.66	NA	0.10	0.38	0.11	-0.17	0.77	0.00	0.79	0.68	0.80	0.61	0.62	0.54	GUO (4,604/3,169)	
0.72		0.47	NA	NA	0.60	0.10	0.49	0.75	-0.08	0.74	0.47	0.74	0.41	0.69	0.60	DU (15,202/10,922)	
0.72		0.72	NA	0.31	0.63	0.53	0.56	0.69	-0.24	0.70	0.53	0.68	-0.11	0.66	0.64	PAN (22,596/15,053)	
0.79		0.63	NA	NA	0.63	0.34	0.01	0.59	0.03	0.64	0.31	0.55	0.06	0.56	0.47	RICHOUX-UNIPROT (28,866/24,579)	
0.49		0.49	NA	0.70	0.43	0.57	0.07	0.62	0.12	0.68	0.17	0.62	0.07	NA	0.00	D-SCRIPT UNBALANCED (33,348/164,973)	
Inter->Intra-0	0.69	0.37	-0.09	0.08	0.07	0.63	NA	0.90	0.48	0.91	0.70	0.88	0.50	0.80	0.70	HUANG (2,850/1,861)	
	0.68	0.29	0.03	0.19	0.20	0.02	-0.10	0.74	0.05	0.75	0.56	0.74	0.56	0.57	0.52	GUO (4,604/3,169)	
	0.70	0.52	NA	NA	0.53	0.01	0.34	0.74	-0.13	0.73	0.43	0.74	0.34	0.74	0.71	DU (15,202/10,922)	
	0.76	0.48	NA	0.13	0.82	0.61	0.05	0.92	-0.21	0.92	0.53	0.89	0.05	0.80	0.73	PAN (22,596/15,053)	
	0.79	0.52	NA	0.03	0.54	0.28	0.47	0.54	-0.05	0.57	0.19	0.51	-0.05	0.52	0.44	RICHOUX-UNIPROT (28,866/24,579)	
	0.37	0.26	NA	0.34	0.10	0.37	0.06	0.41	0.05	0.51	0.14	0.43	0.07	NA	0.00	D-SCRIPT UNBALANCED (33,348/164,973)	
Intra-0->Intra-1	0.48	0.03	-0.00	0.15	0.05	0.05	NA	0.16	0.12	0.01	-0.00	0.06	0.13	0.00	0.00	HUANG (2,410/1,346)	
	0.52	-0.01	NA	0.07	0.14	NA	NA	0.02	-0.18	-0.02	0.01	0.04	0.12	0.00	0.00	GUO (4,640/3,193)	
	0.54	0.08	NA	0.02	0.04	0.12	0.20	-0.02	-0.09	-0.01	0.00	0.02	0.08	0.00	0.00	DU (14,468/9,862)	
	0.48	-0.01	NA	0.00	0.04	0.29	0.21	0.10	-0.16	0.01	0.00	0.08	-0.13	0.00	0.00	PAN (31,212/18,991)	
	0.60	0.03	-0.01	-0.02	0.14	0.20	0.13	0.03	0.01	0.03	0.04	0.03	0.08	0.00	0.00	RICHOUX-UNIPROT (39,634/33,076)	
	0.17	NA	NA	0.13	NA	0.34	0.24	0.00	0.11	0.00	-0.00	0.00	0.07	NA	0.00	D-SCRIPT UNBALANCED (27,148/134,293)	
Test	SPRINT (AUPR)	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