RESULTS OF SERIAL EXECUTION OF THE 15 GRN INFERENCE METHODS

Datasource	Evaluation Parameters	GRN Inference Methods														
		RELNET	CLR	ARACNE	MRNET	MRNETB	C3NET	C3MTC	BC3NET	MutRank	PCOR	SPCOR	Genie3	GeneNet	G1DBN	MINE
Ecoli-100	Execution Time (s)	0.0275569	0.02246165	0.02497125	0.02235746	0.0304215	0.2689414	0.1930029	0.7865322	0.2955821	0.6045489	1.809007	101.9859	2.826306	593.93802	3.338004
	AUROC	0.4891927	0.4734139	0.4298319	0.4716752	0.4700965	0.4162189	0.4205387	0.4242146	0.4862993	0.4871082	0.4580505	0.4281735	0.4217061	0.5602295	0.4742015
	AUPR	0.0286388	0.0262971	0.0264586	0.0261293	0.0261801	0.0244532	0.0268452	0.0274551	0.0281287	0.0267558	0.0272515	0.0259362	0.0258402	0.0326604	0.0317184
Ecoli-500	Execution Time (s)	0.6665998	0.3794227	0.5967331	0.5009768	1.437677	1.518931	0.3020539	11.25382	1.076999	15.55079	34.68925	1101.2172	8.921997	69018.732	76.737
	AUROC	0.4004991	0.4721756	0.3523859	0.4713327	0.4700795	0.3449607	0.3464124	0.3575065	0.4059587	0.4187234	0.4083773	0.3404331	0.4028389	0.4695219	0.3492132
	AUPR	0.0071509	0.0071317	0.0059419	0.0071057	0.0070941	0.0057141	0.0059112	0.0065765	0.0061021	0.0059741	0.0058652	0.0054657	0.0065526	0.0082971	0.0061463
Ecoli-1000	Execution Time (s)	4.708791	2.013068	3.6787	3.817024	8.781887	4.78581	1.159587	62.65368	9.320698	88.12548	171.48102	3028.029	119.61564	327495.83	361.03002
	AUROC	0.5722258	0.5914037	0.4531609	0.5844255	0.5849953	0.4519142	0.4521913	0.4636715	0.5067055	0.4663815	0.4419787	0.4456647	0.4731574	0.6011622	0.4572199
	AUPR	0.0060452	0.0038971	0.0032542	0.0037591	0.0037659	0.0033247	0.0032599	0.0036702	0.0031331	0.0026835	0.0027577	0.0028717	0.0026974	0.0059752	0.0040047
Yeast-2000	Execution Time (s)	20.82287	10.5145	28.26649	36.08354	60.94098	38.17818	4.049724	274.57464	62.85282	630.6066	1201.1862	8368.8876	801.3882	NA	1750.6224
	AUROC	0.4060008	0.4898171	0.3363792	0.4872993	0.4874883	0.3345682	0.3337557	0.3408125	0.4322934	0.4154506	0.3528126	0.3299436	0.3786474	NA	0.3337253
	AUPR	0.0019159	0.0017361	0.0013081	0.0017254	0.0017261	0.0013076	0.0012895	0.0013865	0.0015386	0.0014192	0.0012562	0.0012148	0.0014373	NA	0.0013075
Yeast-3000	Execution Time (s)	125.38092	76.0668	148.4397	172.38498	232.97442	112.9929	7.693158	586.88832	192.30774	3636.5436	3856.0212	15444.7416	3723.0444	NA	4,225.73
	AUROC	0.4635095	0.52612665	0.3960842	0.5224756	0.5226453	0.3950651	0.3944329	0.4004101	0.4746497	0.4436832	0.3998095	0.3927537	0.4241953	NA	0.3991989
	AUPR	0.0016613	0.0022946	0.0010633	0.0013394	0.0013398	0.0011247	0.0011278	0.0012499	0.0011317	0.0010351	0.0010018	0.0010067	0.0010316	NA	0.0013169
Yeast-4000	Execution Time (s)	264.4341	251.58714	331.18056	418.08018	596.8266	251.74806	12.84364	1010.1282	469.99074	8625.906	8146.2312	23756.094	13932.0072	NA	8,833.67
	AUROC	0.4472523	0.5149023	0.3969034	0.5141001	0.5143631	0.3954438	0.3954736	0.4009125	0.4641681	0.4511843	0.4022083	0.3932906	0.4326493	NA	0.4000409
	AUPR	0.0008882	0.0008232	0.0006389	0.0008207	0.0008211	0.0006322	0.000642	0.0007156	0.0007195	0.0006691	0.0006095	0.0006016	0.0006909	NA	0.0007994
Average	Execution Time (s)	69.34013962	56.76389873	85.36452573	105.1481764	150.1653309	68.24880373	4.373527633	324.3808654	122.6407632	2166.222836	2235.236313	8633.49255	3097.967291	132369.5	2541.855104
	AUROC	0.463113367	0.511306542	0.39412425	0.5085514	0.508278	0.38969515	0.390467433	0.397921283	0.461679117	0.447088533	0.410539483	0.388376533	0.422199067	0.543637867	0.402266617
	AUPR	0.007716717	0.007029967	0.006444167	0.006813267	0.006821183	0.00609275	0.0065126	0.0068423	0.006792283	0.0064228	0.006456983	0.006182783	0.006375	0.015644233	0.007548867