Supplementary Data - A survey of the methodological process of modeling, inference, and evaluation of gene regulatory networks using scRNA-Seq data

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This supplementary material presents additional tabular results that were obtained when analyzing the performance of several algorithms with different metrics when inferring gene regulatory networks. Furthermore, this material also presents additional tabular results regarding the gene selection and the comparison of considering or not the self-loop network motif.

The goal of the proposed paper is to discuss important topics of inferring and analyzing the results obtained by gene regulatory network inference algorithms and provide tips for researchers dealing with this problem.

1 Configuration 500nTF

1.1 Ignoring Self-Loop

Tabela 1: Tabular results for hESC problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	0	249740	130	130	0.49976	0	-0.00052	0.0
PIDC	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	0	248872	568	560	0.49972	0	-0.00226	0.0
	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
GENIE3	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	2	248875	565	558	0.50102	0.00966	0.0013	0.003527
	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
GRNBOOST2	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	5	248878	562	555	0.50338	0.01481	0.00663	0.008818
	STRING	0	249741	129	130	0.49964	0	-0.00052	0.0
SINCERITIES	NonSpecific	0	249881	59	60	0.5	0	-0.00024	0.0
	ChIP-Seq	3	248893	547	557	0.50463	0.0113	0.00319	0.005291
	STRING	0	249744	126	130	0.49784	0	-0.00051	0.0
PPCOR	NonSpecific	0	249884	56	60	0.49904	0	-0.00023	0.0
	ChIP-Seq	0	248892	548	560	0.50293	0	-0.00222	0.0
	STRING	1	249536	334	129	0.49766	0.00768	0.00396	0.002933
CGP-DSSPD-NR5-EXE1	NonSpecific	0	249872	68	60	0.49904	0	-0.00026	0.0
	ChIP-Seq	40	241494	7946	520	0.50703	0.00978	0.01064	0.004886
	STRING	0	249540	330	130	0.49754	0	-0.00083	0.0
CGP-DSSPD-NR5-EXE2	NonSpecific	0	249873	67	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	13	242429	7011	547	0.50594	0.00869	-0.0014	0.001809
	STRING	0	249526	344	130	0.49736	0	-0.00085	0.0
CGP-DSSPD-NR5-EXE3	NonSpecific	0	249874	66	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	23	241472	7968	537	0.50678	0.0087	0.00245	0.002826
	STRING	0	249529	341	130	0.49736	0	-0.00084	0.0
CGP-DSSPD-NR5-EXE4	NonSpecific	0	249871	69	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	32	240618	8822	529	0.50954	0.00942	0.00555	0.003536
	STRING	0	249497	373	130	0.49736	0	-0.00088	0.0
CGP-DSSPD-NR5-EXE5	NonSpecific	0	249872	68	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	14	241151	8289	547	0.50971	0.00921	-0.00218	0.001642
	STRING	1	248552	1318	129	0.49712	0.00768	0.00076	0.000741
CGP-DSSPD-NR10-EXE1	NonSpecific	1	248622	1318	59	0.49891	0.00806	0.00244	0.000741
	ChIP-Seq	1	248122	1318	559	0.50868	0.00859	-0.00228	0.000741
	STRING	0	248577	1293	130	0.4967	0	-0.00164	0.0
CGP-DSSPD-NR10-EXE2	NonSpecific	0	248647	1293	60	0.49863	0	-0.00112	0.0
	ChIP-Seq	6	248153	1287	554	0.51032	0.00884	0.00366	0.004549
	STRING	3	247976	1894	127	0.49658	0.00768	0.00407	0.001532
CGP-DSSPD-NR10-EXE3	NonSpecific	0	249841	99	60	0.49863	0	-0.00031	0.0
	ChIP-Seq	3	247546	1894	557	0.50941	0.00842	-0.00122	0.001532
	STRING	1	248503	1367	129	0.49622	0.00768	0.00069	0.00071
CGP-DSSPD-NR10-EXE4	NonSpecific	1	248573	1367	59	0.49863	0.00806	0.00235	0.00071
	ChIP-Seq	6	248078	1362	554	0.51021	0.00851	0.00337	0.004258
	STRING	0	248554	1316	130	0.4958	0	-0.00166	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	0	248624	1316	60	0.4985	0	-0.00113	0.0
	ChIP-Seq	8	248131	1309	553	0.51082	0.00848	0.00589	0.005961
	STRING	1	249241	629	129	0.49538	0.00768	0.00235	0.001563
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	249310	630	60	0.4985	0	-0.00078	0.0
	ChIP-Seq	3	248813	627	557	0.51292	0.00889	0.00268	0.004687
	STRING	1	249176	694	129	0.49508	0.00768	0.00213	0.001431
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	249245	695	60	0.4985	0	-0.00082	0.0
	ChIP-Seq	1	248746	694	559	0.51253	0.00875	-0.00089	0.001431
	STRING	0	249578	292	130	0.49478	0	-0.00078	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	249648	292	60	0.49836	0	-0.00053	0.0
	ChIP-Seq	3	248809	631	557	0.51457	0.00904	0.00266	0.00471
	STRING	1	249293	577	129	0.49478	0.00768	0.00255	0.001675
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	249362	578	60	0.49836	0	-0.00075	0.0
	ChIP-Seq	4	248866	574	556	0.5152	0.00915	0.00477	0.0067
	STRING	0	249322	548	130	0.49466	0	-0.00107	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	249392	548	60	0.49822	0	-0.00073	0.0
	ChIP-Seq	8	248795	645	552	0.51861	0.00973	0.01084	0.012158
	STRING	0	248489	1381	130	0.4943	0	-0.0017	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	248559	1381	60	0.49822	0	-0.00115	0.0
	ChIP-Seq	2	248061	1379	558	0.51747	0.00931	-0.00125	0.001409
	STRING	0	249603	267	130	0.49424	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	249673	267	60	0.49822	0	-0.00051	0.0
	ChIP-Seq	2	247428	2012	558	0.5167	0.00906	-0.00238	0.000974
	STRING	3	248571	1299	127	0.494	0.00768	0.00566	0.002264
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	248639	1301	59	0.49822	0.00806	0.00247	0.000755
	ChIP-Seq	1	248139	1301	559	0.51556	0.00873	-0.00225	0.000755
	STRING	1	248521	1349	129	0.49388	0.00768	0.00071	0.000731
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	248590	1350	60	0.49809	0	-0.00114	0.0
	ChIP-Seq	5	248095	1345	555	0.51532	0.00858	0.00228	0.003655
	STRING	3	248510	1360	127	0.4934	0.00768	0.00546	0.002174
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	248577	1363	60	0.49809	0	-0.00115	0.0
	ChIP-Seq	2	248079	1361	558	0.51418	0.00831	-0.00121	0.001449

Tabela 2: Tabular results for hHep problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	4	249186	398	412	0.50379	0.0439	0.00816	0.009615
PIDC	NonSpecific	0	249805	94	101	0.49993	0	-0.00039	0.0
	ChIP-Seq	0	249256	368	376	0.49935	0	-0.00149	0.0
	STRING	1	249169	415	415	0.50169	0.02053	0.00074	0.002404
GENIE3	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49894	0	-0.00152	0.0
	STRING	2	249170	414	414	0.50177	0.01931	0.00315	0.004808
GRNBOOST2	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49874	0	-0.00152	0.0
	STRING	1	249184	400	415	0.50249	0.0202	0.00082	0.002404
SINCERITIES	NonSpecific	0	249800	99	101	0.49961	0	-0.0004	0.0
	ChIP-Seq	0	249257	367	376	0.49807	0	-0.00149	0.0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	25	240744	8840	391	0.50401	0.02166	0.00544	0.002755
CGP-DSSPD-NR5-EXE1	NonSpecific	0	249635	264	101	0.49948	0	-0.00065	0.0
	ChIP-Seq	13	240772	8852	363	0.49739	0.00132	-0.00019	0.001432
	STRING	12	240902	8682	404	0.50335	0.02025	-0.00132	0.001344
CGP-DSSPD-NR5-EXE2	NonSpecific	0	249635	264	101	0.49935	0	-0.00065	0.0
	ChIP-Seq	11	240940	8684	366	0.49815	0.00186	-0.00119	0.001232
	STRING	14	241026	8558	402	0.50292	0.01948	-0.00014	0.0016
CGP-DSSPD-NR5-EXE3	NonSpecific	0	249643	256	101	0.49935	0	-0.00064	0.0
	ChIP-Seq	19	241071	8553	357	0.49898	0.00226	0.00347	0.002172
	STRING	20	240563	9021	396	0.50224	0.01844	0.00261	0.002158
CGP-DSSPD-NR5-EXE4	NonSpecific	0	249614	285	101	0.49921	0	-0.00068	0.0
	ChIP-Seq	21	240604	9020	355	0.49844	0.00214	0.00409	0.002266
	STRING	23	240726	8858	393	0.50297	0.01903	0.00436	0.002515
CGP-DSSPD-NR5-EXE5	NonSpecific	0	249602	297	101	0.49921	0	-0.00069	0.0
	ChIP-Seq	9	240752	8872	367	0.49927	0.00242	-0.00243	0.000984
	STRING	1	247733	1851	415	0.50222	0.01809	-0.00238	0.000527
CGP-DSSPD-NR10-EXE1	NonSpecific	0	249767	132	101	0.49895	0	-0.00046	0.0
	ChIP-Seq	1	247773	1851	375	0.49871	0.0023	-0.00215	0.000527
	STRING	9	247660	1924	407	0.50409	0.0196	0.00648	0.004509
CGP-DSSPD-NR10-EXE2	NonSpecific	0	249784	115	101	0.49895	0	-0.00043	0.0
	ChIP-Seq	2	247693	1931	374	0.4982	0.00222	-0.00107	0.001002
	STRING	6	247608	1976	410	0.5049	0.02015	0.00299	0.002938
CGP-DSSPD-NR10-EXE3	NonSpecific	0	249749	150	101	0.49889	0	-0.00049	0.0
	ChIP-Seq	5	247647	1977	371	0.49909	0.00243	0.00235	0.002449
	STRING	4	248263	1321	412	0.50437	0.0195	0.00243	0.002963
CGP-DSSPD-NR10-EXE4	NonSpecific	1	248575	1324	100	0.49882	0.00652	0.00127	0.000741
	ChIP-Seq	5	248304	1320	371	0.49838	0.00232	0.00428	0.003704
	STRING	1	247782	1802	415	0.50364	0.01874	-0.00232	0.000547
CGP-DSSPD-NR10-EXE5	NonSpecific	0	249796	103	101	0.49876	0	-0.00041	0.0
	ChIP-Seq	15	247836	1788	361	0.50049	0.00271	0.01499	0.00821
	STRING	13	248288	1296	403	0.50741	0.02109	0.01472	0.009745
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	248590	1309	101	0.49856	0	-0.00146	0.0
	ChIP-Seq	15	248330	1294	361	0.50897	0.00408	0.01864	0.011244
	STRING	0	248556	1028	416	0.50637	0	-0.00262	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	248871	1028	101	0.49843	0	-0.00129	0.0
	ChIP-Seq	3	248599	1025	373	0.50967	0.00408	0.00234	0.002879
	STRING	1	248415	1169	415	0.50589	0.0196	-0.00136	0.000842
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	248730	1169	100	0.49817	0.00652	0.00154	0.000842
	ChIP-Seq	7	248461	1163	369	0.50919	0.00393	0.00792	0.005892
	STRING	8	246761	2823	408	0.50449	0.0185	0.00305	0.002796
CGP-KM-BKM-NR10-EXE4	NonSpecific	1	247069	2830	100	0.49758	0.00652	-0.00027	0.00035
	ChIP-Seq	12	246805	2819	364	0.51123	0.00411	0.00755	0.004194
	STRING	0	247985	1599	416	0.50417	0	-0.00328	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	248300	1599	101	0.49751	0	-0.00161	0.0
	ChIP-Seq	0	248025	1599	376	0.51074	0	-0.00311	0.0
	STRING	0	249143	441	416	0.50394	0	-0.00172	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	249458	441	101	0.49751	0	-0.00085	0.0
	ChIP-Seq	0	249183	441	376	0.51023	0	-0.00163	0.0
	STRING	1	249144	440	415	0.50489	0.0186	0.00062	0.002257
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	249458	441	101	0.49751	0	-0.00085	0.0
	ChIP-Seq	0	249183	441	376	0.50982	0	-0.00163	0.0
	STRING	3	247874	1710	413	0.50493	0.01845	0.00018	0.001677
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	4	248190	1709	97	0.49738	0.00652	0.00798	0.002236
	ChIP-Seq	14	247925	1699	362	0.51437	0.00417	0.01429	0.007826
	STRING	1	249136	448	415	0.50595	0.01891	0.00059	0.002217
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	249450	449	101	0.49738	0	-0.00085	0.0
	ChIP-Seq	0	249175	449	376	0.51395	0	-0.00165	0.0
	STRING	0	247892	1692	416	0.50474	0	-0.00337	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	1	248208	1691	100	0.49732	0.00652	0.00077	0.000575
	ChIP-Seq	0	247932	1692	376	0.51321	0	-0.0032	0.0

Tabela 3: Tabular results for mDC problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	1	249749	125	125	0.50323	0.04999	0.00744	0.007937
PIDC	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
	STRING	0	249748	126	126	0.50309	0	-0.0005	0.0
GENIE3	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
	STRING	0	249748	126	126	0.50302	0	-0.0005	0.0
GRNBOOST2	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	249701	173	126	0.50249	0	-0.00059	0.0
CGP-DSSPD-NR5-EXE1	NonSpecific	1	249794	172	33	0.5	0.51561	0.01274	0.00578
	ChIP-Seq	0	249791	173	36	0.5	0	-0.00032	0.0
	STRING	0	249693	181	126	0.50209	0	-0.0006	0.0
CGP-DSSPD-NR5-EXE2	NonSpecific	0	249785	181	34	0.5	0	-0.00031	0.0
	ChIP-Seq	0	249783	181	36	0.5	0	-0.00032	0.0
	STRING	0	249725	149	126	0.50169	0	-0.00055	0.0
CGP-DSSPD-NR5-EXE3	NonSpecific	0	249817	149	34	0.5	0	-0.00028	0.0
	ChIP-Seq	0	249815	149	36	0.5	0	-0.00029	0.0
	STRING	0	249682	192	126	0.50136	0	-0.00062	0.0
CGP-DSSPD-NR5-EXE4	NonSpecific	0	249774	192	34	0.49953	0	-0.00032	0.0
	ChIP-Seq	0	249772	192	36	0.5	0	-0.00033	0.0
	STRING	1	249698	176	125	0.50478	0.02899	0.0061	0.00565
CGP-DSSPD-NR5-EXE5	NonSpecific	0	249789	177	34	0.49953	0	-0.00031	0.0
	ChIP-Seq	0	249787	177	36	0.5	0	-0.00032	0.0
	STRING	6	247869	2005	120	0.50478	0.02899	0.00995	0.002984
CGP-DSSPD-NR10-EXE1	NonSpecific	1	247956	2010	33	0.49953	0.01561	0.00279	0.000497
	ChIP-Seq	3	247956	2008	33	0.5	0.51557	0.01012	0.001492
	STRING	1	247819	2055	125	0.50452	0.02742	-7e-05	0.000486
CGP-DSSPD-NR10-EXE2	NonSpecific	1	247911	2055	33	0.49953	0.01561	0.00274	0.000486
	ChIP-Seq	0	247908	2056	36	0.5	0	-0.00109	0.0
	STRING	1	247825	2049	125	0.50431	0.02639	-7e-05	0.000488
CGP-DSSPD-NR10-EXE3	NonSpecific	1	247917	2049	33	0.49953	0.01561	0.00274	0.000488
	ChIP-Seq	0	247914	2050	36	0.5	0	-0.00109	0.0
	STRING	0	247720	2154	126	0.50405	0	-0.00209	0.0
CGP-DSSPD-NR10-EXE4	NonSpecific	0	247812	2154	34	0.49953	0	-0.00109	0.0
	ChIP-Seq	1	247811	2153	35	0.5	0.51557	0.00249	0.000464
	STRING	4	247617	2257	122	0.50398	0.0249	0.00539	0.001769
CGP-DSSPD-NR10-EXE5	NonSpecific	0	247705	2261	34	0.49953	0	-0.00111	0.0
	ChIP-Seq	0	247703	2261	36	0.5	0	-0.00115	0.0
	STRING	0	248721	1153	126	0.50391	0	-0.00153	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	248813	1153	34	0.49953	0	-0.00079	0.0
	ChIP-Seq	0	248811	1153	36	0.5	0	-0.00082	0.0
	STRING	0	246986	2888	126	0.50391	0	-0.00243	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	247078	2888	34	0.49953	0	-0.00126	0.0
	ChIP-Seq	5	247081	2883	31	0.5	0.51557	0.0143	0.001731
	STRING	0	249239	635	126	0.50391	0	-0.00113	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	249331	635	34	0.49953	0	-0.00059	0.0
	ChIP-Seq	5	249334	630	31	0.49955	0.01557	0.03251	0.007874
	STRING	0	248600	1274	126	0.50391	0	-0.00161	0.0
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	248692	1274	34	0.49953	0	-0.00084	0.0
	ChIP-Seq	0	248690	1274	36	0.49955	0	-0.00086	0.0
	STRING	0	249316	558	126	0.50391	0	-0.00106	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	249408	558	34	0.49953	0	-0.00055	0.0
	ChIP-Seq	0	249406	558	36	0.49955	0	-0.00057	0.0
	STRING	0	248077	1797	126	0.50371	0	-0.00191	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	248169	1797	34	0.49953	0	-0.00099	0.0
	ChIP-Seq	0	248167	1797	36	0.49955	0	-0.00102	0.0
	STRING	0	248048	1826	126	0.50371	0	-0.00193	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	248140	1826	34	0.49953	0	-0.001	0.0
	ChIP-Seq	0	248138	1826	36	0.49955	0	-0.00103	0.0
	STRING	2	248107	1767	124	0.50351	0.0232	0.00236	0.001131
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	248197	1769	34	0.49953	0	-0.00098	0.0
	ChIP-Seq	0	248195	1769	36	0.49955	0	-0.00101	0.0
	STRING	0	249472	402	126	0.50324	0	-0.0009	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	249564	402	34	0.49953	0	-0.00047	0.0
	ChIP-Seq	0	249562	402	36	0.49911	0	-0.00048	0.0
	STRING	0	248206	1668	126	0.50324	0	-0.00184	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	248298	1668	34	0.49953	0	-0.00096	0.0
	ChIP-Seq	0	248296	1668	36	0.49911	0	-0.00098	0.0

Tabela 4: Tabular results for mESC problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	7	249504	245	244	0.51121	0.09041	0.02685	0.027778
	NonSpecific	0	249246	378	376	0.4995	0	-0.00151	0.0
	ChIP-Seq	46	243327	3314	3313	0.50194	0.02969	0.00026	0.01369
GENIE3	STRING	12	249510	239	239	0.51994	0.10247	0.04685	0.047809
	NonSpecific	2	249250	374	374	0.50148	0.01433	0.00382	0.005319
	ChIP-Seq	89	243371	3270	3270	0.50376	0.02858	0.01324	0.026496
GRNBOOST2	STRING	12	249510	239	239	0.53159	0.1361	0.04685	0.047809
	NonSpecific	2	249250	374	374	0.50353	0.01751	0.00382	0.005319
	ChIP-Seq	100	243382	3259	3259	0.50576	0.02996	0.01656	0.029771
SINCERITIES	STRING	2	249504	245	249	0.5346	0.12868	0.00704	0.007968
	NonSpecific	4	249264	360	372	0.50801	0.02211	0.00935	0.010638
	ChIP-Seq	42	243479	3162	3317	0.5054	0.02845	-0.00032	0.012504
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	5	241714	8035	246	0.53412	0.12096	-0.0022	0.000622
	NonSpecific	11	241595	8029	365	0.50725	0.01828	-0.00064	0.001368
	ChIP-Seq	112	238713	7928	3247	0.50581	0.02795	0.00078	0.01393
CGP-DSSPD-NR5-EXE2	STRING	6	241780	7969	245	0.53334	0.11168	-0.00144	0.000752
	NonSpecific	11	241660	7964	365	0.51041	0.01974	-0.00058	0.001379
	ChIP-Seq	89	238755	7886	3270	0.50566	0.02751	-0.00359	0.01116
CGP-DSSPD-NR5-EXE3	STRING	8	241654	8095	243	0.53302	0.10834	-0.0001	0.000987
	NonSpecific	9	241530	8094	367	0.5108	0.01817	-0.00186	0.001111
	ChIP-Seq	155	238693	7948	3204	0.50911	0.02831	0.00905	0.019129
CGP-DSSPD-NR5-EXE4	STRING	9	241895	7854	242	0.53269	0.10526	0.0008	0.001145
	NonSpecific	14	241775	7849	362	0.50981	0.01602	0.00129	0.00178
	ChIP-Seq	104	238882	7759	3255	0.50822	0.02777	-0.00033	0.013227
CGP-DSSPD-NR5-EXE5	STRING	10	241562	8187	241	0.53243	0.10298	0.00126	0.00122
	NonSpecific	10	241437	8187	366	0.51168	0.01642	-0.00135	0.00122
	ChIP-Seq	95	238539	8102	3264	0.50724	0.0273	-0.00295	0.01159
CGP-DSSPD-NR10-EXE1	STRING	2	248195	1554	249	0.5337	0.10052	0.0007	0.001285
	NonSpecific	0	248068	1556	376	0.51098	0	-0.00307	0.0
	ChIP-Seq	76	241730	4911	3283	0.50891	0.02764	0.00224	0.01524
CGP-DSSPD-NR10-EXE2	STRING	2	248050	1699	249	0.53317	0.09651	0.00045	0.001176
	NonSpecific	4	247927	1697	372	0.51178	0.01537	0.00181	0.002352
	ChIP-Seq	33	243536	3105	3326	0.50765	0.02706	-0.00286	0.010516
CGP-DSSPD-NR10-EXE3	STRING	4	248159	1590	247	0.53678	0.10041	0.00381	0.002509
	NonSpecific	2	248032	1592	374	0.51225	0.015	-0.00052	0.001255
	ChIP-Seq	30	245014	1627	3329	0.50896	0.02726	0.00331	0.018105
CGP-DSSPD-NR10-EXE4	STRING	4	248098	1651	247	0.53819	0.09954	0.00364	0.002417
	NonSpecific	5	247974	1650	371	0.51299	0.015	0.0032	0.003021
	ChIP-Seq	44	243365	3276	3315	0.50911	0.02718	-0.00018	0.013253
CGP-DSSPD-NR10-EXE5	STRING	1	248203	1546	250	0.53767	0.09638	-0.00089	0.000646
	NonSpecific	1	248078	1546	375	0.51229	0.0143	-0.00175	0.000646
	ChIP-Seq	42	243519	3122	3317	0.50965	0.02717	-0.00016	0.013274
CGP-KM-BKM-NR10-EXE1	STRING	1	249446	303	250	0.53881	0.09438	0.00252	0.003289
	NonSpecific	2	249215	409	374	0.51418	0.01472	0.00352	0.004866
	ChIP-Seq	81	240828	5813	3278	0.509	0.02693	0.00041	0.013743
CGP-KM-BKM-NR10-EXE2	STRING	0	249484	265	251	0.53848	0	-0.00103	0.0
	NonSpecific	3	247802	1822	373	0.51503	0.0148	0.00031	0.001644
	ChIP-Seq	22	243336	3305	3337	0.50585	0.02637	-0.00688	0.006613
CGP-KM-BKM-NR10-EXE3	STRING	0	249452	297	251	0.53841	0	-0.00109	0.0
	NonSpecific	1	247761	1863	375	0.51464	0.01447	-0.00216	0.000536
	ChIP-Seq	34	241867	4774	3325	0.50296	0.02592	-0.00774	0.007072
CGP-KM-BKM-NR10-EXE4	STRING	0	249479	270	251	0.53821	0	-0.00104	0.0
	NonSpecific	2	247787	1837	374	0.51434	0.01424	-0.00093	0.001088
	ChIP-Seq	44	243199	3442	3315	0.5021	0.02581	-0.00084	0.012622
CGP-KM-BKM-NR10-EXE5	STRING	0	249463	286	251	0.53801	0	-0.00107	0.0
	NonSpecific	2	248845	779	374	0.51534	0.01446	0.00153	0.002561
	ChIP-Seq	83	242460	4181	3276	0.50322	0.02587	0.0069	0.019465
CGP-KM-DSSPD-NR10-EXE1	STRING	3	247669	2080	248	0.53935	0.08991	0.00126	0.00144
	NonSpecific	0	247541	2083	376	0.51465	0	-0.00356	0.0
	ChIP-Seq	39	244485	2156	3320	0.50471	0.02613	0.00354	0.017768
CGP-KM-DSSPD-NR10-EXE2	STRING	0	247984	1765	251	0.53855	0	-0.00267	0.0
	NonSpecific	4	247863	1761	372	0.51519	0.01384	0.00166	0.002266
	ChIP-Seq	31	244805	1836	3328	0.50532	0.02619	0.00239	0.016604
CGP-KM-DSSPD-NR10-EXE3	STRING	1	247779	1970	250	0.53823	0.08532	-0.0014	0.000507
	NonSpecific	1	247654	1970	375	0.51453	0.01342	-0.00229	0.000507
	ChIP-Seq	76	242836	3805	3283	0.50691	0.02638	0.0067	0.019583
CGP-KM-DSSPD-NR10-EXE4	STRING	1	247813	1936	250	0.53783	0.08393	-0.00136	0.000516
	NonSpecific	3	247690	1934	373	0.51383	0.01302	0.0001	0.001549
	ChIP-Seq	56	242936	3705	3303	0.5072	0.02639	0.00156	0.01489
CGP-KM-DSSPD-NR10-EXE5	STRING	1	248075	1674	250	0.5391	0.08351	-0.00105	0.000597
	NonSpecific	2	247951	1673	374	0.51587	0.01344	-0.00066	0.001194
	ChIP-Seq	54	243003	3638	3305	0.50612	0.02612	0.00127	0.014626

Tabela 5: Tabular results for mHSC-E problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249444	268	268	0.52711	0.07448	0.06837	0.069444
	NonSpecific	12	249460	264	264	0.51952	0.0619	0.04242	0.043478
	ChIP-Seq	9	247265	1363	1363	0.50071	0.00966	0.00108	0.00656
GENIE3	STRING	13	249437	275	275	0.52852	0.05636	0.04404	0.045139
	NonSpecific	7	249455	269	269	0.52411	0.05168	0.02429	0.025362
	ChIP-Seq	5	247261	1367	1367	0.49986	0.00645	-0.00185	0.003644
GRNBOOST2	STRING	11	249435	277	277	0.52799	0.06716	0.03708	0.038194
	NonSpecific	9	249457	267	267	0.52381	0.05419	0.03154	0.032609
	ChIP-Seq	5	247261	1367	1367	0.49936	0.00856	-0.00185	0.003644
SINCERITIES	STRING	0	249427	285	288	0.52768	0	-0.00115	0.0
	NonSpecific	0	249451	273	276	0.52322	0	-0.0011	0.0
	ChIP-Seq	8	247275	1353	1364	0.50016	0.00918	0.00039	0.005831
PPCOR	STRING	13	249437	275	275	0.52521	0.0594	0.04404	0.045139
	NonSpecific	9	249457	267	267	0.52171	0.04127	0.03154	0.032609
	ChIP-Seq	10	247266	1362	1362	0.49867	0.006	0.00181	0.007289
CGP-DSSPD-NR5-EXE1	STRING	14	243206	6506	274	0.52494	0.05881	0.0048	0.002138
	NonSpecific	9	243213	6511	267	0.52112	0.03923	0.00136	0.001375
	ChIP-Seq	36	242144	6484	1336	0.49846	0.00605	7e-05	0.005499
CGP-DSSPD-NR5-EXE2	STRING	5	243795	5917	283	0.52452	0.05794	-0.00141	0.000843
	NonSpecific	3	243805	5919	273	0.52065	0.03785	-0.0028	0.000506
	ChIP-Seq	33	242739	5889	1339	0.49769	0.00595	0.00018	0.005561
CGP-DSSPD-NR5-EXE3	STRING	7	243032	6680	281	0.52417	0.05726	-0.00051	0.001044
	NonSpecific	10	243047	6677	266	0.52013	0.03654	0.00195	0.001491
	ChIP-Seq	51	241992	6636	1321	0.49842	0.00617	0.0048	0.007606
CGP-DSSPD-NR5-EXE4	STRING	7	242873	6839	281	0.52375	0.05647	-0.00064	0.001017
	NonSpecific	6	242884	6840	270	0.51969	0.03558	-0.00115	0.000871
	ChIP-Seq	37	241819	6809	1335	0.4981	0.00615	-0.00019	0.005374
CGP-DSSPD-NR5-EXE5	STRING	12	243400	6312	276	0.52309	0.05534	0.00354	0.001889
	NonSpecific	9	243409	6315	267	0.52103	0.03572	0.00155	0.001417
	ChIP-Seq	56	242360	6268	1316	0.49934	0.00637	0.00734	0.008815
CGP-DSSPD-NR10-EXE1	STRING	0	248441	1271	288	0.52279	0	-0.00243	0.0
	NonSpecific	0	248453	1271	276	0.52054	0	-0.00238	0.0
	ChIP-Seq	11	247298	1330	1361	0.50091	0.0066	0.0027	0.008185
CGP-DSSPD-NR10-EXE2	STRING	1	248519	1193	287	0.52217	0.0539	-0.00064	0.000833
	NonSpecific	1	248531	1193	275	0.51999	0.03392	-0.00056	0.000833
	ChIP-Seq	7	247390	1238	1365	0.50083	0.00658	0.00013	0.005596
CGP-DSSPD-NR10-EXE3	STRING	0	248492	1220	288	0.52151	0	-0.00238	0.0
	NonSpecific	1	248505	1219	275	0.52142	0.03432	-0.0006	0.000819
	ChIP-Seq	4	247346	1282	1368	0.4999	0.00645	-0.00231	0.003108
CGP-DSSPD-NR10-EXE4	STRING	1	248504	1208	287	0.52101	0.0523	-0.00067	0.000824
	NonSpecific	1	248516	1208	275	0.5211	0.03385	-0.00058	0.000824
	ChIP-Seq	6	247347	1281	1366	0.49934	0.00639	-0.0008	0.004644
CGP-DSSPD-NR10-EXE5	STRING	0	248468	1244	288	0.52024	0	-0.0024	0.0
	NonSpecific	0	248480	1244	276	0.52053	0	-0.00235	0.0
	ChIP-Seq	12	247327	1301	1360	0.50097	0.00655	0.00359	0.009091
CGP-KM-BKM-NR10-EXE1	STRING	1	249263	449	287	0.52116	0.05147	0.00134	0.002016
	NonSpecific	2	249276	448	274	0.5219	0.03344	0.00427	0.004032
	ChIP-Seq	2	246872	1756	1370	0.49894	0.00635	-0.00496	0.001091
CGP-KM-BKM-NR10-EXE2	STRING	4	248110	1602	284	0.52081	0.05111	0.00317	0.0024
	NonSpecific	4	248122	1602	272	0.5214	0.03287	0.00336	0.0024
	ChIP-Seq	3	247025	1603	1369	0.49775	0.00625	-0.00394	0.0018
CGP-KM-BKM-NR10-EXE3	STRING	1	249287	425	287	0.52062	0.05091	0.00146	0.002114
	NonSpecific	2	249300	424	274	0.52123	0.0327	0.00447	0.004228
	ChIP-Seq	3	246531	2097	1369	0.49718	0.00621	-0.00506	0.001382
CGP-KM-BKM-NR10-EXE4	STRING	1	249057	655	287	0.52024	0.0505	0.00056	0.00141
	NonSpecific	2	249070	654	274	0.52109	0.03256	0.003	0.002821
	ChIP-Seq	27	246267	2361	1345	0.49976	0.00642	0.00773	0.010967
CGP-KM-BKM-NR10-EXE5	STRING	1	249033	679	287	0.52004	0.0503	0.00049	0.001361
	NonSpecific	3	249047	677	273	0.52265	0.03311	0.0052	0.004082
	ChIP-Seq	0	247069	1559	1372	0.49812	0	-0.00588	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	2	248425	1287	286	0.51935	0.04963	0.00085	0.001546
	NonSpecific	1	248436	1288	275	0.52199	0.03243	-0.00071	0.000773
	ChIP-Seq	4	247258	1370	1368	0.49676	0.0062	-0.00259	0.002899
CGP-KM-DSSPD-NR10-EXE2	STRING	3	248447	1265	285	0.51875	0.04889	0.00255	0.002362
	NonSpecific	3	248459	1265	273	0.52149	0.03174	0.00271	0.002362
	ChIP-Seq	19	247276	1352	1353	0.5008	0.00649	0.00841	0.013838
CGP-KM-DSSPD-NR10-EXE3	STRING	3	248360	1352	285	0.51998	0.04935	0.00231	0.002211
	NonSpecific	3	248372	1352	273	0.5228	0.03202	0.00247	0.002211
	ChIP-Seq	3	247233	1395	1369	0.49954	0.0064	-0.00339	0.002143
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248337	1375	288	0.51951	0	-0.00253	0.0
	NonSpecific	2	248351	1373	274	0.52229	0.03159	0.00078	0.001447
	ChIP-Seq	12	247265	1363	1360	0.50098	0.00648	0.00326	0.008683
CGP-KM-DSSPD-NR10-EXE5	STRING	0	249333	379	288	0.51924	0	-0.00132	0.0
	NonSpecific	1	249346	378	275	0.52383	0.03206	0.0018	0.002639
	ChIP-Seq	6	247018	1610	1366	0.50093	0.00648	-0.00194	0.003706

Tabela 6: Tabular results for mHSC-GM problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	26	249578	198	198	0.55294	0.1534	0.11528	0.116071
	NonSpecific	16	249621	182	181	0.53929	0.149	0.08029	0.080808
	ChIP-Seq	27	245584	2195	2194	0.50176	0.01235	0.0033	0.012151
GENIE3	STRING	12	249564	212	212	0.55673	0.15025	0.05272	0.053571
	NonSpecific	2	249608	195	195	0.53903	0.13544	0.00937	0.010152
	ChIP-Seq	19	245577	2202	2202	0.50113	0.01055	-0.00033	0.008555
GRNBOOST2	STRING	12	249564	212	212	0.55624	0.13799	0.05272	0.053571
	NonSpecific	5	249611	192	192	0.53886	0.1197	0.02461	0.025381
	ChIP-Seq	24	245582	2197	2197	0.50112	0.01051	0.00194	0.010806
SINCERITIES	STRING	0	249552	224	224	0.55624	0	-0.0009	0.0
	NonSpecific	0	249606	197	197	0.53886	0	-0.00079	0.0
	ChIP-Seq	24	245602	2177	2197	0.5022	0.01069	0.00203	0.010806
PPCOR	STRING	3	249555	221	221	0.55372	0.11174	0.01251	0.013393
	NonSpecific	1	249606	197	196	0.53743	0.07871	0.00428	0.005051
	ChIP-Seq	20	245577	2202	2201	0.50116	0.01002	0.00012	0.009001
CGP-DSSPD-NR5-EXE1	STRING	6	243967	5809	218	0.55337	0.10912	0.0007	0.001028
	NonSpecific	6	243994	5809	191	0.53715	0.07442	0.00134	0.001028
	ChIP-Seq	24	241988	5791	2197	0.49927	0.00949	-0.00782	0.004112
CGP-DSSPD-NR5-EXE2	STRING	2	243971	5805	222	0.5532	0.10787	-0.00284	0.000342
	NonSpecific	4	244000	5803	193	0.53685	0.07037	-0.00055	0.000684
	ChIP-Seq	55	242027	5752	2166	0.49941	0.00955	0.00097	0.009411
CGP-DSSPD-NR5-EXE3	STRING	12	243950	5826	212	0.55516	0.10864	0.00599	0.002044
	NonSpecific	13	243978	5825	184	0.5391	0.07008	0.00793	0.002214
	ChIP-Seq	55	241996	5783	2166	0.49961	0.0096	0.00089	0.009366
CGP-DSSPD-NR5-EXE4	STRING	9	243799	5977	215	0.5551	0.10824	0.00318	0.001495
	NonSpecific	4	243821	5982	193	0.5389	0.06798	-0.00067	0.000664
	ChIP-Seq	66	241859	5920	2155	0.50024	0.00972	0.00358	0.01096
CGP-DSSPD-NR5-EXE5	STRING	8	243792	5984	216	0.55474	0.10593	0.0023	0.00133
	NonSpecific	8	243819	5984	189	0.54123	0.06871	0.00305	0.00133
	ChIP-Seq	63	241850	5929	2158	0.50041	0.00975	0.00272	0.010472
CGP-DSSPD-NR10-EXE1	STRING	1	248634	1142	223	0.55672	0.10691	-5e-05	0.000865
	NonSpecific	0	248660	1143	197	0.54093	0	-0.0019	0.0
	ChIP-Seq	8	246559	1220	2213	0.49987	0.00967	-0.00177	0.006446
CGP-DSSPD-NR10-EXE2	STRING	2	248650	1126	222	0.55637	0.10478	0.00197	0.001768
	NonSpecific	0	248675	1128	197	0.54059	0	-0.00189	0.0
	ChIP-Seq	18	246586	1193	2203	0.5011	0.00981	0.00445	0.014827
CGP-DSSPD-NR10-EXE3	STRING	0	248635	1141	224	0.55619	0	-0.00203	0.0
	NonSpecific	0	248662	1141	197	0.54043	0	-0.0019	0.0
	ChIP-Seq	10	246525	1254	2211	0.50019	0.00968	-0.00074	0.00788
CGP-DSSPD-NR10-EXE4	STRING	0	248678	1098	224	0.55596	0	-0.00199	0.0
	NonSpecific	1	248706	1097	196	0.54001	0.05887	0.00029	0.000907
	ChIP-Seq	12	246627	1152	2209	0.5008	0.00976	0.00104	0.010274
CGP-DSSPD-NR10-EXE5	STRING	1	248698	1078	223	0.55549	0.09999	7e-05	0.000922
	NonSpecific	2	248726	1077	195	0.54219	0.05917	0.0025	0.001843
	ChIP-Seq	15	246665	1114	2206	0.50173	0.00986	0.00316	0.013216
CGP-KM-BKM-NR10-EXE1	STRING	2	249273	503	222	0.55481	0.09687	0.00461	0.00396
	NonSpecific	1	249299	504	196	0.54177	0.05715	0.00191	0.00198
	ChIP-Seq	11	245185	2594	2210	0.50004	0.00967	-0.0051	0.004189
CGP-KM-BKM-NR10-EXE2	STRING	3	248926	850	221	0.55668	0.09745	0.00513	0.003517
	NonSpecific	2	248952	851	195	0.54406	0.05819	0.00325	0.002345
	ChIP-Seq	51	244849	2930	2170	0.49993	0.00965	0.00963	0.017097
CGP-KM-BKM-NR10-EXE3	STRING	2	248038	1738	222	0.5565	0.09668	0.00071	0.001149
	NonSpecific	0	248063	1740	197	0.54387	0	-0.00235	0.0
	ChIP-Seq	4	245016	2763	2217	0.49739	0.00941	-0.00839	0.001434
CGP-KM-BKM-NR10-EXE4	STRING	1	248475	1301	223	0.55638	0.09618	-0.00031	0.000768
	NonSpecific	0	248501	1302	197	0.54387	0	-0.00203	0.0
	ChIP-Seq	9	244989	2790	2212	0.49574	0.00929	-0.00643	0.003209
CGP-KM-BKM-NR10-EXE5	STRING	1	249136	640	223	0.55632	0.09594	0.00112	0.00156
	NonSpecific	0	249162	641	197	0.54384	0	-0.00142	0.0
	ChIP-Seq	19	245473	2306	2202	0.49703	0.00941	-0.00073	0.008162
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248627	1149	224	0.55586	0	-0.00203	0.0
	NonSpecific	0	248654	1149	197	0.5437	0	-0.00191	0.0
	ChIP-Seq	7	246510	1269	2214	0.49622	0.00936	-0.00259	0.005469
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248671	1105	223	0.55533	0.09204	2e-05	0.000901
	NonSpecific	1	248698	1105	196	0.54353	0.05569	0.00028	0.000901
	ChIP-Seq	14	246434	1345	2207	0.49644	0.00938	0.00112	0.010271
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248625	1151	223	0.55515	0.09141	-6e-05	0.00086
	NonSpecific	0	248651	1152	197	0.54331	0	-0.00191	0.0
	ChIP-Seq	22	246439	1340	2199	0.49821	0.00955	0.00573	0.015988
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248623	1153	224	0.55486	0	-0.00204	0.0
	NonSpecific	0	248650	1153	197	0.54312	0	-0.00191	0.0
	ChIP-Seq	16	246401	1378	2205	0.49913	0.00962	0.00207	0.011461
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248628	1148	222	0.55684	0.09152	0.00192	0.001735
	NonSpecific	1	248654	1149	196	0.54284	0.05289	0.0002	0.000867
	ChIP-Seq	13	246423	1356	2208	0.4993	0.00964	0.00048	0.009475

Tabela 7: Tabular results for mHSC-L problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249789	96	95	0.57986	0.17355	0.17278	0.172414
	NonSpecific	12	249576	206	206	0.52569	0.08153	0.05422	0.055046
	ChIP-Seq	36	243412	3276	3276	0.4989	0.01378	-0.00241	0.01087
GENIE3	STRING	12	249782	103	103	0.58374	0.16805	0.10394	0.104348
	NonSpecific	6	249570	212	212	0.52523	0.07193	0.02667	0.027523
	ChIP-Seq	39	243415	3273	3273	0.49861	0.01401	-0.00149	0.011775
GRNBOOST2	STRING	5	249775	110	110	0.58343	0.16217	0.04304	0.043478
	NonSpecific	5	249569	213	213	0.52508	0.06383	0.02208	0.022936
	ChIP-Seq	46	243422	3266	3266	0.49991	0.01498	0.00065	0.013889
SINCERITIES	STRING	0	249794	91	115	0.5833	0	-0.00041	0.0
	NonSpecific	0	249596	186	218	0.52476	0	-0.00081	0.0
	ChIP-Seq	22	243648	3040	3290	0.49684	0.01372	-0.0059	0.006643
PPCOR	STRING	1	249770	115	114	0.58179	0.14371	0.0082	0.008621
	NonSpecific	0	249564	218	218	0.52314	0	-0.00087	0.0
	ChIP-Seq	37	243535	3153	3275	0.49492	0.01344	-0.00164	0.011599
CGP-DSSPD-NR5-EXE1	STRING	3	243921	5964	112	0.58167	0.14252	0.00031	0.000503
	NonSpecific	10	243825	5957	208	0.52269	0.03791	0.00426	0.001676
	ChIP-Seq	96	240817	5871	3216	0.49653	0.01416	0.00388	0.016088
CGP-DSSPD-NR5-EXE2	STRING	2	243943	5942	113	0.58116	0.13798	-0.0009	0.000336
	NonSpecific	4	243842	5940	214	0.52242	0.03643	-0.00105	0.000673
	ChIP-Seq	87	240831	5857	3225	0.49663	0.01432	0.00189	0.014637
CGP-DSSPD-NR5-EXE3	STRING	3	243665	6220	112	0.58091	0.13585	0.00016	0.000482
	NonSpecific	7	243566	6216	211	0.52197	0.03432	0.00137	0.001125
	ChIP-Seq	79	240544	6144	3233	0.49605	0.01431	-0.00077	0.012695
CGP-DSSPD-NR5-EXE4	STRING	7	243605	6280	108	0.58066	0.1338	0.00489	0.001113
	NonSpecific	7	243502	6280	211	0.52143	0.03214	0.00131	0.001113
	ChIP-Seq	110	240511	6177	3202	0.49917	0.01487	0.00597	0.017496
CGP-DSSPD-NR5-EXE5	STRING	1	243858	6027	114	0.58053	0.13281	-0.00216	0.000166
	NonSpecific	0	243754	6028	218	0.521	0	-0.00464	0.0
	ChIP-Seq	78	240738	5950	3234	0.49917	0.01487	-0.00042	0.01294
CGP-DSSPD-NR10-EXE1	STRING	2	248613	1272	113	0.58028	0.13089	0.0037	0.00157
	NonSpecific	0	248508	1274	218	0.52063	0	-0.00211	0.0
	ChIP-Seq	22	245363	1325	3290	0.49958	0.01497	0.00199	0.016333
CGP-DSSPD-NR10-EXE2	STRING	0	248636	1249	115	0.58016	0	-0.00152	0.0
	NonSpecific	1	248534	1248	217	0.52253	0.03028	-0.00017	0.000801
	ChIP-Seq	12	245387	1301	3300	0.49881	0.01486	-0.00261	0.009139
CGP-DSSPD-NR10-EXE3	STRING	1	248724	1161	114	0.5799	0.12815	0.00128	0.000861
	NonSpecific	1	248621	1161	217	0.52226	0.02955	-3e-05	0.000861
	ChIP-Seq	10	245488	1200	3302	0.49816	0.01477	-0.00304	0.008264
CGP-DSSPD-NR10-EXE4	STRING	1	248750	1135	114	0.58384	0.12981	0.00132	0.00088
	NonSpecific	1	248647	1135	217	0.52196	0.02881	2e-05	0.00088
	ChIP-Seq	24	245527	1161	3288	0.49964	0.01499	0.00423	0.020253
CGP-DSSPD-NR10-EXE5	STRING	0	248671	1214	115	0.58346	0	-0.0015	0.0
	NonSpecific	1	248569	1213	217	0.52144	0.02771	-0.00011	0.000824
	ChIP-Seq	21	245430	1258	3291	0.50007	0.01505	0.00199	0.016419
CGP-KM-BKM-NR10-EXE1	STRING	0	248967	918	115	0.5822	0	-0.0013	0.0
	NonSpecific	1	248865	917	217	0.52092	0.02668	0.00045	0.001089
	ChIP-Seq	21	242934	3754	3291	0.49714	0.01472	-0.00832	0.005563
CGP-KM-BKM-NR10-EXE2	STRING	1	248810	1075	114	0.58187	0.11737	0.00144	0.000929
	NonSpecific	4	248710	1072	214	0.52061	0.02571	0.00634	0.003717
	ChIP-Seq	33	242621	4067	3279	0.49551	0.01457	-0.00587	0.008049
CGP-KM-BKM-NR10-EXE3	STRING	1	249133	752	114	0.58174	0.1167	0.00222	0.001328
	NonSpecific	2	249031	751	216	0.52056	0.02562	0.00332	0.002656
	ChIP-Seq	25	242494	4194	3287	0.49327	0.01435	-0.00839	0.005926
CGP-KM-BKM-NR10-EXE4	STRING	1	249243	642	114	0.5858	0.11921	0.00259	0.001555
	NonSpecific	1	249140	642	217	0.52044	0.02541	0.00118	0.001555
	ChIP-Seq	58	242840	3848	3254	0.49406	0.01448	0.00176	0.014849
CGP-KM-BKM-NR10-EXE5	STRING	1	249273	612	114	0.5858	0.11921	0.00271	0.001631
	NonSpecific	2	249171	611	216	0.52029	0.02515	0.00402	0.003263
	ChIP-Seq	34	243274	3414	3278	0.4939	0.01449	-0.0035	0.009861
CGP-KM-DSSPD-NR10-EXE1	STRING	1	248738	1147	114	0.58567	0.11855	0.0013	0.000871
	NonSpecific	0	248634	1148	218	0.51981	0	-0.00201	0.0
	ChIP-Seq	16	245327	1361	3296	0.49356	0.01446	-0.00106	0.011619
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248794	1091	114	0.58542	0.11727	0.00141	0.000916
	NonSpecific	4	248694	1088	214	0.52171	0.02514	0.00626	0.003663
	ChIP-Seq	12	245331	1357	3300	0.49324	0.01445	-0.00291	0.008766
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248635	1250	114	0.58529	0.11665	0.00112	0.000799
	NonSpecific	3	248534	1248	215	0.52598	0.02724	0.00367	0.002398
	ChIP-Seq	19	245206	1482	3293	0.49342	0.01449	-0.0004	0.012658
CGP-KM-DSSPD-NR10-EXE4	STRING	1	248749	1136	114	0.58516	0.11603	0.00132	0.00088
	NonSpecific	5	248650	1132	213	0.52541	0.02636	0.00807	0.004398
	ChIP-Seq	38	245371	1317	3274	0.49596	0.01477	0.00955	0.028044
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248849	1036	113	0.58516	0.11603	0.00442	0.001927
	NonSpecific	1	248745	1037	217	0.52496	0.02573	0.0002	0.000963
	ChIP-Seq	6	245368	1320	3306	0.49476	0.01467	-0.00557	0.004525

1.2 Considering Self-Loop

Tabela 8: Tabular results for hESC problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	0	249740	130	130	0.49976	0	-0.00052	0.0
PIDC	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	0	248872	568	560	0.49972	0	-0.00226	0.0
	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
GENIE3	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	2	248875	565	558	0.50102	0.00966	0.0013	0.003527
	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
GRNBOOST2	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	5	248878	562	555	0.50338	0.01481	0.00663	0.008818
	STRING	0	249741	129	130	0.49964	0	-0.00052	0.0
SINCERITIES	NonSpecific	0	249881	59	60	0.5	0	-0.00024	0.0
	ChIP-Seq	3	248893	547	557	0.50463	0.0113	0.00319	0.005291
	STRING	0	249375	495	130	0.49784	0	-0.00102	0.0
PPCOR	NonSpecific	0	249445	495	60	0.49904	0	-0.00069	0.0
	ChIP-Seq	0	248881	559	560	0.50293	0	-0.00224	0.0
	STRING	1	249536	334	129	0.49766	0.00768	0.00396	0.002933
CGP-DSSPD-NR5-EXE1	NonSpecific	0	249872	68	60	0.49904	0	-0.00026	0.0
	ChIP-Seq	40	241476	7964	520	0.50703	0.00978	0.01061	0.004876
	STRING	0	249539	331	130	0.49754	0	-0.00083	0.0
CGP-DSSPD-NR5-EXE2	NonSpecific	0	249873	67	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	13	242422	7018	547	0.50594	0.00869	-0.00141	0.001808
	STRING	0	249526	344	130	0.49736	0	-0.00085	0.0
CGP-DSSPD-NR5-EXE3	NonSpecific	0	249874	66	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	23	241457	7983	537	0.50678	0.0087	0.00244	0.002821
	STRING	0	249529	341	130	0.49736	0	-0.00084	0.0
CGP-DSSPD-NR5-EXE4	NonSpecific	0	249871	69	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	32	240600	8840	529	0.50954	0.00942	0.00553	0.003529
	STRING	0	249497	373	130	0.49736	0	-0.00088	0.0
CGP-DSSPD-NR5-EXE5	NonSpecific	0	249872	68	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	14	241133	8307	547	0.50971	0.00921	-0.0022	0.001639
	STRING	1	248551	1319	129	0.49712	0.00768	0.00076	0.000741
CGP-DSSPD-NR10-EXE1	NonSpecific	1	248621	1319	59	0.49891	0.00806	0.00243	0.000741
	ChIP-Seq	1	248121	1319	559	0.50868	0.00859	-0.00229	0.000741
	STRING	0	248575	1295	130	0.4967	0	-0.00165	0.0
CGP-DSSPD-NR10-EXE2	NonSpecific	0	248645	1295	60	0.49863	0	-0.00112	0.0
	ChIP-Seq	6	248151	1289	554	0.51032	0.00884	0.00365	0.004542
	STRING	3	247971	1899	127	0.49658	0.00768	0.00406	0.001528
CGP-DSSPD-NR10-EXE3	NonSpecific	0	249841	99	60	0.49863	0	-0.00031	0.0
	ChIP-Seq	3	247541	1899	557	0.50941	0.00842	-0.00123	0.001528
	STRING	1	248502	1368	129	0.49622	0.00768	0.00068	0.000709
CGP-DSSPD-NR10-EXE4	NonSpecific	1	248572	1368	59	0.49863	0.00806	0.00235	0.000709
	ChIP-Seq	6	248077	1363	554	0.51021	0.00851	0.00336	0.004255
	STRING	0	248553	1317	130	0.4958	0	-0.00166	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	0	248623	1317	60	0.4985	0	-0.00113	0.0
	ChIP-Seq	8	248130	1310	553	0.51082	0.00848	0.00589	0.005957
	STRING	1	249225	645	129	0.49538	0.00768	0.0023	0.001524
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	249294	646	60	0.4985	0	-0.00079	0.0
	ChIP-Seq	3	248797	643	557	0.51292	0.00889	0.00259	0.004573
	STRING	1	249153	717	129	0.49508	0.00768	0.00205	0.001385
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	249222	718	60	0.4985	0	-0.00083	0.0
	ChIP-Seq	1	248723	717	559	0.51253	0.00875	-0.00096	0.001385
	STRING	0	249565	305	130	0.49478	0	-0.0008	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	249635	305	60	0.49836	0	-0.00054	0.0
	ChIP-Seq	3	248791	649	557	0.51457	0.00904	0.00255	0.00458
	STRING	1	249276	594	129	0.49478	0.00768	0.00249	0.001626
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	249345	595	60	0.49836	0	-0.00076	0.0
	ChIP-Seq	4	248849	591	556	0.5152	0.00915	0.00463	0.006504
	STRING	0	249299	571	130	0.49466	0	-0.00109	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	249369	571	60	0.49822	0	-0.00074	0.0
	ChIP-Seq	8	248877	563	552	0.51861	0.00973	0.01191	0.013889
	STRING	0	248485	1385	130	0.4943	0	-0.0017	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	248555	1385	60	0.49822	0	-0.00116	0.0
	ChIP-Seq	2	248057	1383	558	0.51747	0.00931	-0.00126	0.001405
	STRING	0	249603	267	130	0.49424	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	249673	267	60	0.49822	0	-0.00051	0.0
	ChIP-Seq	2	247425	2015	558	0.5167	0.00906	-0.00238	0.000972
	STRING	3	248567	1303	127	0.494	0.00768	0.00565	0.002257
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	248635	1305	59	0.49822	0.00806	0.00246	0.000752
	ChIP-Seq	1	248135	1305	559	0.51556	0.00873	-0.00226	0.000752
	STRING	1	248516	1354	129	0.49388	0.00768	0.00071	0.000728
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	248585	1355	60	0.49809	0	-0.00114	0.0
	ChIP-Seq	5	248090	1350	555	0.51532	0.00858	0.00226	0.003642
	STRING	3	248506	1364	127	0.4934	0.00768	0.00545	0.002168
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	248573	1367	60	0.49809	0	-0.00115	0.0
	ChIP-Seq	2	248075	1365	558	0.51418	0.00831	-0.00122	0.001445

Tabela 9: Tabular results for hHep problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	4	249185	399	412	0.50379	0.0439	0.00814	0.009592
PIDC	NonSpecific	0	249804	95	101	0.49993	0	-0.00039	0.0
	ChIP-Seq	0	249257	367	376	0.49935	0	-0.00149	0.0
	STRING	1	249169	415	415	0.50169	0.02053	0.00074	0.002404
GENIE3	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49894	0	-0.00152	0.0
	STRING	2	249170	414	414	0.50177	0.01931	0.00315	0.004808
GRNBOOST2	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49874	0	-0.00152	0.0
	STRING	1	249184	400	415	0.50249	0.0202	0.00082	0.002404
SINCERITIES	NonSpecific	0	249800	99	101	0.49961	0	-0.0004	0.0
	ChIP-Seq	0	249257	367	376	0.49807	0	-0.00149	0.0
	STRING	0	249090	494	416	0.49982	0	-0.00182	0.0
PPCOR	NonSpecific	0	249405	494	101	0.4985	0	-0.00089	0.0
	ChIP-Seq	0	249130	494	376	0.49708	0	-0.00173	0.0
	STRING	25	240718	8866	391	0.50132	0.0173	0.00541	0.002747
CGP-DSSPD-NR5-EXE1	NonSpecific	0	249633	266	101	0.49836	0	-0.00066	0.0
	ChIP-Seq	13	240746	8878	363	0.4964	0.00132	-0.00021	0.001428
	STRING	12	240880	8704	404	0.50066	0.01662	-0.00134	0.001341
CGP-DSSPD-NR5-EXE2	NonSpecific	0	249633	266	101	0.49823	0	-0.00066	0.0
	ChIP-Seq	11	240918	8706	366	0.49717	0.00173	-0.0012	0.001229
	STRING	14	241002	8582	402	0.50025	0.01625	-0.00016	0.001596
CGP-DSSPD-NR5-EXE3	NonSpecific	0	249637	262	101	0.49823	0	-0.00065	0.0
	ChIP-Seq	19	241047	8577	357	0.498	0.00206	0.00344	0.002166
	STRING	20	240541	9043	396	0.49957	0.0157	0.00258	0.002153
CGP-DSSPD-NR5-EXE4	NonSpecific	0	249613	286	101	0.4981	0	-0.00068	0.0
	ChIP-Seq	21	240582	9042	355	0.49747	0.00199	0.00407	0.00226
	STRING	23	240706	8878	393	0.50029	0.01626	0.00434	0.00251
CGP-DSSPD-NR5-EXE5	NonSpecific	0	249600	299	101	0.4981	0	-0.0007	0.0
	ChIP-Seq	9	240732	8892	367	0.4983	0.00223	-0.00244	0.000982
	STRING	1	247723	1861	415	0.49957	0.01573	-0.00239	0.000524
CGP-DSSPD-NR10-EXE1	NonSpecific	0	249798	101	101	0.49784	0	-0.0004	0.0
	ChIP-Seq	1	247763	1861	375	0.49774	0.00215	-0.00216	0.000524
	STRING	9	247654	1930	407	0.50142	0.01699	0.00646	0.004496
CGP-DSSPD-NR10-EXE2	NonSpecific	0	249784	115	101	0.49784	0	-0.00043	0.0
	ChIP-Seq	2	247687	1937	374	0.49724	0.00209	-0.00108	0.000999
	STRING	6	247606	1978	410	0.50223	0.0175	0.00298	0.002935
CGP-DSSPD-NR10-EXE3	NonSpecific	0	249749	150	101	0.49778	0	-0.00049	0.0
	ChIP-Seq	5	247645	1979	371	0.49812	0.00228	0.00234	0.002446
	STRING	4	248260	1324	412	0.5017	0.01711	0.00242	0.002956
CGP-DSSPD-NR10-EXE4	NonSpecific	1	248572	1327	100	0.49771	0.00652	0.00127	0.000739
	ChIP-Seq	5	248301	1323	371	0.49741	0.00219	0.00426	0.003695
	STRING	1	247777	1807	415	0.50097	0.01662	-0.00233	0.000546
CGP-DSSPD-NR10-EXE5	NonSpecific	0	249794	105	101	0.49764	0	-0.00041	0.0
	ChIP-Seq	15	247831	1793	361	0.49952	0.00255	0.01496	0.008188
	STRING	13	248250	1334	403	0.50483	0.01875	0.01442	0.009468
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	248552	1347	101	0.49745	0	-0.00148	0.0
	ChIP-Seq	15	248292	1332	361	0.50803	0.00378	0.01829	0.010925
	STRING	0	248516	1068	416	0.50384	0	-0.00267	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	248831	1068	101	0.49732	0	-0.00132	0.0
	ChIP-Seq	3	248559	1065	373	0.50875	0.0038	0.00221	0.00277
	STRING	1	248376	1208	415	0.50336	0.01776	-0.00143	0.000814
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	248691	1208	100	0.49706	0.00652	0.00147	0.000814
	ChIP-Seq	7	248422	1202	369	0.50828	0.00369	0.00771	0.0057
	STRING	8	246710	2874	408	0.50196	0.01698	0.00295	0.002746
CGP-KM-BKM-NR10-EXE4	NonSpecific	1	247018	2881	100	0.49647	0.00652	-0.00031	0.000343
	ChIP-Seq	12	246754	2870	364	0.51032	0.00387	0.00741	0.004119
	STRING	0	247945	1639	416	0.50169	0	-0.00332	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	248260	1639	101	0.4964	0	-0.00163	0.0
	ChIP-Seq	0	247985	1639	376	0.50983	0	-0.00315	0.0
	STRING	0	249141	443	416	0.50147	0	-0.00172	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	249456	443	101	0.4964	0	-0.00085	0.0
	ChIP-Seq	0	249181	443	376	0.50932	0	-0.00163	0.0
	STRING	1	249143	441	415	0.50244	0.01717	0.00062	0.002252
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	249457	442	101	0.4964	0	-0.00085	0.0
	ChIP-Seq	0	249182	442	376	0.50892	0	-0.00163	0.0
	STRING	3	247869	1715	413	0.50249	0.01713	0.00017	0.001671
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	4	248185	1714	97	0.49627	0.00652	0.00796	0.002228
	ChIP-Seq	14	247920	1704	362	0.51346	0.00397	0.01426	0.007799
	STRING	1	249132	452	415	0.5035	0.01755	0.00057	0.002198
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	249446	453	101	0.49627	0	-0.00086	0.0
	ChIP-Seq	0	249171	453	376	0.51305	0	-0.00165	0.0
	STRING	0	247887	1697	416	0.50229	0	-0.00337	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	1	248203	1696	100	0.49621	0.00652	0.00076	0.000573
	ChIP-Seq	0	247927	1697	376	0.51232	0	-0.00321	0.0

Tabela 10: Tabular results for mDC problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	1	249749	125	125	0.50323	0.04999	0.00744	0.007937
PIDC	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
	STRING	0	249748	126	126	0.50309	0	-0.0005	0.0
GENIE3	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
	STRING	0	249748	126	126	0.50302	0	-0.0005	0.0
GRNBOOST2	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	249374	500	126	0.50189	0	-0.00101	0.0
PPCOR	NonSpecific	0	249466	500	34	0.5	0	-0.00052	0.0
	ChIP-Seq	0	249464	500	36	0.49911	0	-0.00054	0.0
	STRING	0	249700	174	126	0.50136	0	-0.00059	0.0
CGP-DSSPD-NR5-EXE1	NonSpecific	1	249793	173	33	0.5	0.51561	0.0127	0.005747
	ChIP-Seq	0	249790	174	36	0.49911	0	-0.00032	0.0
	STRING	0	249693	181	126	0.50096	0	-0.0006	0.0
CGP-DSSPD-NR5-EXE2	NonSpecific	0	249785	181	34	0.5	0	-0.00031	0.0
	ChIP-Seq	0	249783	181	36	0.49911	0	-0.00032	0.0
	STRING	0	249725	149	126	0.50056	0	-0.00055	0.0
CGP-DSSPD-NR5-EXE3	NonSpecific	0	249817	149	34	0.5	0	-0.00028	0.0
	ChIP-Seq	0	249815	149	36	0.49911	0	-0.00029	0.0
	STRING	0	249681	193	126	0.50022	0	-0.00062	0.0
CGP-DSSPD-NR5-EXE4	NonSpecific	0	249773	193	34	0.49953	0	-0.00032	0.0
	ChIP-Seq	0	249771	193	36	0.49911	0	-0.00033	0.0
	STRING	1	249698	176	125	0.50364	0.02365	0.0061	0.00565
CGP-DSSPD-NR5-EXE5	NonSpecific	0	249789	177	34	0.49953	0	-0.00031	0.0
	ChIP-Seq	0	249787	177	36	0.49911	0	-0.00032	0.0
	STRING	6	247866	2008	120	0.50364	0.02365	0.00994	0.002979
CGP-DSSPD-NR10-EXE1	NonSpecific	1	247953	2013	33	0.49953	0.01561	0.00279	0.000497
	ChIP-Seq	3	247953	2011	33	0.49911	0.01557	0.01011	0.00149
	STRING	1	247818	2056	125	0.50337	0.02278	-7e-05	0.000486
CGP-DSSPD-NR10-EXE2	NonSpecific	1	247910	2056	33	0.49953	0.01561	0.00274	0.000486
	ChIP-Seq	0	247907	2057	36	0.49911	0	-0.00109	0.0
	STRING	1	247816	2058	125	0.50317	0.02219	-7e-05	0.000486
CGP-DSSPD-NR10-EXE3	NonSpecific	1	247908	2058	33	0.49953	0.01561	0.00273	0.000486
	ChIP-Seq	0	247905	2059	36	0.49911	0	-0.00109	0.0
	STRING	0	247718	2156	126	0.5029	0	-0.00209	0.0
CGP-DSSPD-NR10-EXE4	NonSpecific	0	247810	2156	34	0.49953	0	-0.00109	0.0
	ChIP-Seq	1	247809	2155	35	0.49911	0.01557	0.00249	0.000464
	STRING	4	247612	2262	122	0.50284	0.0213	0.00537	0.001765
CGP-DSSPD-NR10-EXE5	NonSpecific	0	247700	2266	34	0.49953	0	-0.00112	0.0
	ChIP-Seq	0	247698	2266	36	0.49911	0	-0.00115	0.0
	STRING	0	248695	1179	126	0.50277	0	-0.00155	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	248787	1179	34	0.49953	0	-0.0008	0.0
	ChIP-Seq	0	248785	1179	36	0.49911	0	-0.00083	0.0
	STRING	0	246951	2923	126	0.50277	0	-0.00244	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	247043	2923	34	0.49953	0	-0.00127	0.0
	ChIP-Seq	5	247046	2918	31	0.49911	0.01557	0.0142	0.001711
	STRING	0	249211	663	126	0.50277	0	-0.00116	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	249303	663	34	0.49953	0	-0.0006	0.0
	ChIP-Seq	5	249306	658	31	0.49866	0.01557	0.03179	0.007541
	STRING	0	248573	1301	126	0.50277	0	-0.00162	0.0
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	248665	1301	34	0.49953	0	-0.00084	0.0
	ChIP-Seq	0	248663	1301	36	0.49866	0	-0.00087	0.0
	STRING	0	249292	582	126	0.50277	0	-0.00109	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	249384	582	34	0.49953	0	-0.00056	0.0
	ChIP-Seq	0	249382	582	36	0.49866	0	-0.00058	0.0
	STRING	0	248069	1805	126	0.50257	0	-0.00192	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	248161	1805	34	0.49953	0	-0.001	0.0
	ChIP-Seq	0	248159	1805	36	0.49866	0	-0.00102	0.0
	STRING	0	248043	1831	126	0.50257	0	-0.00193	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	248135	1831	34	0.49953	0	-0.001	0.0
	ChIP-Seq	0	248133	1831	36	0.49866	0	-0.00103	0.0
	STRING	2	248100	1774	124	0.50237	0.02025	0.00234	0.001126
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	248190	1776	34	0.49953	0	-0.00099	0.0
	ChIP-Seq	0	248188	1776	36	0.49866	0	-0.00102	0.0
	STRING	0	249471	403	126	0.5021	0	-0.0009	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	249563	403	34	0.49953	0	-0.00047	0.0
	ChIP-Seq	0	249561	403	36	0.49821	0	-0.00048	0.0
	STRING	0	248202	1672	126	0.5021	0	-0.00184	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	248294	1672	34	0.49953	0	-0.00096	0.0
	ChIP-Seq	0	248292	1672	36	0.49821	0	-0.00098	0.0

Tabela 11: Tabular results for mESC problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	7	249504	245	244	0.51121	0.09041	0.02685	0.027778
PIDC	NonSpecific	0	249246	378	376	0.4995	0	-0.00151	0.0
	ChIP-Seq	46	243327	3314	3313	0.50194	0.02969	0.00026	0.01369
	STRING	12	249510	239	239	0.51994	0.10247	0.04685	0.047809
GENIE3	NonSpecific	2	249250	374	374	0.50148	0.01433	0.00382	0.005319
	ChIP-Seq	89	243371	3270	3270	0.50376	0.02858	0.01324	0.026496
	STRING	12	249510	239	239	0.53159	0.1361	0.04685	0.047809
GRNBOOST2	NonSpecific	2	249250	374	374	0.50353	0.01751	0.00382	0.005319
	ChIP-Seq	100	243382	3259	3259	0.50576	0.02996	0.01656	0.029771
	STRING	2	249504	245	249	0.5346	0.12868	0.00704	0.007968
SINCERITIES	NonSpecific	4	249264	360	372	0.50801	0.02211	0.00935	0.010638
	ChIP-Seq	42	243478	3163	3317	0.5054	0.02845	-0.00033	0.012504
	STRING	0	249249	500	251	0.53125	0	-0.00142	0.0
PPCOR	NonSpecific	0	249124	500	376	0.50621	0	-0.00174	0.0
	ChIP-Seq	0	246141	500	3359	0.50403	0	-0.00522	0.0
	STRING	5	241690	8059	246	0.53075	0.09041	-0.00221	0.00062
CGP-DSSPD-NR5-EXE1	NonSpecific	11	241571	8053	365	0.50551	0.01368	-0.00066	0.001364
	ChIP-Seq	112	238689	7952	3247	0.50447	0.02727	0.00072	0.013889
	STRING	6	241752	7997	245	0.52997	0.08604	-0.00146	0.00075
CGP-DSSPD-NR5-EXE2	NonSpecific	11	241632	7992	365	0.50867	0.01535	-0.00061	0.001374
	ChIP-Seq	89	238727	7914	3270	0.50432	0.02695	-0.00366	0.011121
	STRING	8	241630	8119	243	0.52971	0.08473	-0.00011	0.000984
CGP-DSSPD-NR5-EXE3	NonSpecific	9	241506	8118	367	0.50905	0.01475	-0.00188	0.001107
	ChIP-Seq	155	238669	7972	3204	0.50776	0.02779	0.00897	0.019072
	STRING	9	241876	7873	242	0.52938	0.08316	0.00078	0.001142
CGP-DSSPD-NR5-EXE4	NonSpecific	14	241756	7868	362	0.50806	0.01348	0.00127	0.001776
	ChIP-Seq	104	238863	7778	3255	0.50687	0.02731	-0.00038	0.013195
	STRING	10	241540	8209	241	0.52912	0.08197	0.00124	0.001217
CGP-DSSPD-NR5-EXE5	NonSpecific	10	241415	8209	366	0.50992	0.01401	-0.00137	0.001217
	ChIP-Seq	95	238517	8124	3264	0.5059	0.02688	-0.00301	0.011559
	STRING	2	248184	1565	249	0.53038	0.08133	0.00068	0.001276
CGP-DSSPD-NR10-EXE1	NonSpecific	0	248057	1567	376	0.50922	0	-0.00308	0.0
	ChIP-Seq	76	241710	4931	3283	0.50757	0.02723	0.00216	0.015179
	STRING	2	248039	1710	249	0.52985	0.07916	0.00043	0.001168
CGP-DSSPD-NR10-EXE2	NonSpecific	4	247916	1708	372	0.51002	0.01344	0.00178	0.002336
	ChIP-Seq	33	243520	3121	3326	0.50633	0.02671	-0.00292	0.010463
	STRING	4	248153	1596	247	0.53346	0.08281	0.00379	0.0025
CGP-DSSPD-NR10-EXE3	NonSpecific	2	248026	1598	374	0.51048	0.01329	-0.00053	0.00125
	ChIP-Seq	30	245008	1633	3329	0.50763	0.02692	0.00327	0.01804
	STRING	4	248088	1661	247	0.53485	0.08278	0.00362	0.002402
CGP-DSSPD-NR10-EXE4	NonSpecific	5	247964	1660	371	0.51122	0.01336	0.00317	0.003003
	ChIP-Seq	44	243350	3291	3315	0.5078	0.02686	-0.00024	0.013193
	STRING	1	248193	1556	250	0.53433	0.0809	-0.0009	0.000642
CGP-DSSPD-NR10-EXE5	NonSpecific	1	248068	1556	375	0.51052	0.01285	-0.00176	0.000642
	ChIP-Seq	42	243504	3137	3317	0.50835	0.02687	-0.00022	0.013212
	STRING	1	249421	328	250	0.53581	0.08144	0.00233	0.00304
CGP-KM-BKM-NR10-EXE1	NonSpecific	2	249188	436	374	0.51257	0.01341	0.00331	0.004566
	ChIP-Seq	81	240776	5865	3278	0.50782	0.02667	0.00025	0.013623
	STRING	0	249461	288	251	0.53554	0	-0.00108	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	3	247770	1854	373	0.51346	0.01357	0.00025	0.001616
	ChIP-Seq	22	243293	3348	3337	0.50472	0.02614	-0.00701	0.006528
	STRING	0	249427	322	251	0.53548	0	-0.00114	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	247728	1896	375	0.51307	0.01331	-0.0022	0.000527
	ChIP-Seq	19	243267	3374	3340	0.50185	0.02571	-0.00798	0.0056
	STRING	0	249458	291	251	0.53528	0	-0.00108	0.0
CGP-KM-BKM-NR10-EXE4	NonSpecific	2	247757	1867	374	0.51279	0.01314	-0.00097	0.00107
	ChIP-Seq	44	243158	3483	3315	0.50103	0.02561	-0.001	0.012475
	STRING	0	249441	308	251	0.53507	0	-0.00111	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	2	248811	813	374	0.5138	0.01336	0.0014	0.002454
	ChIP-Seq	83	242402	4239	3276	0.50218	0.02569	0.00664	0.019204
	STRING	3	247654	2095	248	0.53642	0.07925	0.00124	0.00143
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	247526	2098	376	0.5131	0	-0.00357	0.0
	ChIP-Seq	39	244469	2172	3320	0.5037	0.02595	0.00345	0.017639
	STRING	0	247971	1778	251	0.53562	0	-0.00268	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	4	247850	1774	372	0.51365	0.01291	0.00163	0.00225
	ChIP-Seq	31	244789	1852	3328	0.50432	0.02602	0.00229	0.016463
	STRING	1	247768	1981	250	0.53536	0.07629	-0.00141	0.000505
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	247643	1981	375	0.51299	0.01257	-0.00231	0.000505
	ChIP-Seq	76	242819	3822	3283	0.5059	0.02621	0.00663	0.019497
	STRING	1	247802	1947	250	0.53496	0.07529	-0.00137	0.000513
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	3	247679	1945	373	0.5123	0.01224	8e-05	0.00154
	ChIP-Seq	56	242915	3726	3303	0.5062	0.02622	0.00148	0.014807
	STRING	1	248062	1687	250	0.53622	0.07523	-0.00107	0.000592
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	2	247938	1686	374	0.51433	0.01265	-0.00068	0.001185
	ChIP-Seq	54	242987	3654	3305	0.50511	0.02596	0.0012	0.014563

Tabela 12: Tabular results for mHSC-E problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249444	268	268	0.52711	0.07448	0.06837	0.069444
	NonSpecific	12	249460	264	264	0.51952	0.0619	0.04242	0.043478
	ChIP-Seq	9	247265	1363	1363	0.50071	0.00966	0.00108	0.00656
GENIE3	STRING	13	249437	275	275	0.52852	0.05636	0.04404	0.045139
	NonSpecific	7	249455	269	269	0.52411	0.05168	0.02429	0.025362
	ChIP-Seq	5	247261	1367	1367	0.49986	0.00645	-0.00185	0.003644
GRNBOOST2	STRING	11	249435	277	277	0.52799	0.06716	0.03708	0.038194
	NonSpecific	9	249457	267	267	0.52381	0.05419	0.03154	0.032609
	ChIP-Seq	5	247261	1367	1367	0.49936	0.00856	-0.00185	0.003644
SINCERITIES	STRING	0	249427	285	288	0.52768	0	-0.00115	0.0
	NonSpecific	0	249451	273	276	0.52322	0	-0.0011	0.0
	ChIP-Seq	8	247275	1353	1364	0.50016	0.00918	0.00039	0.005831
PPCOR	STRING	0	249212	500	288	0.52521	0	-0.00152	0.0
	NonSpecific	0	249224	500	276	0.52171	0	-0.00149	0.0
	ChIP-Seq	8	247262	1366	1364	0.49867	0.006	0.00034	0.005822
CGP-DSSPD-NR5-EXE1	STRING	14	243189	6523	274	0.52494	0.05881	0.00478	0.002133
	NonSpecific	9	243196	6528	267	0.52112	0.03923	0.00135	0.001371
	ChIP-Seq	36	242127	6501	1336	0.49846	0.00605	4e-05	0.005484
CGP-DSSPD-NR5-EXE2	STRING	5	243785	5927	283	0.52452	0.05794	-0.00142	0.000841
	NonSpecific	3	243795	5929	273	0.52065	0.03785	-0.00281	0.000505
	ChIP-Seq	33	242729	5899	1339	0.49769	0.00595	0.00016	0.005552
CGP-DSSPD-NR5-EXE3	STRING	7	243013	6699	281	0.52417	0.05726	-0.00053	0.001041
	NonSpecific	10	243028	6696	266	0.52013	0.03654	0.00194	0.001487
	ChIP-Seq	51	241973	6655	1321	0.49842	0.00617	0.00476	0.007585
CGP-DSSPD-NR5-EXE4	STRING	7	242855	6857	281	0.52375	0.05647	-0.00065	0.001014
	NonSpecific	6	242866	6858	270	0.51969	0.03558	-0.00116	0.000869
	ChIP-Seq	37	241801	6827	1335	0.4981	0.00615	-0.00022	0.00536
CGP-DSSPD-NR5-EXE5	STRING	12	243391	6321	276	0.52309	0.05534	0.00353	0.001886
	NonSpecific	9	243400	6324	267	0.52103	0.03572	0.00154	0.001415
	ChIP-Seq	56	242351	6277	1316	0.49934	0.00637	0.00732	0.008802
CGP-DSSPD-NR10-EXE1	STRING	0	248439	1273	288	0.52279	0	-0.00243	0.0
	NonSpecific	0	248451	1273	276	0.52054	0	-0.00238	0.0
	ChIP-Seq	11	247296	1332	1361	0.50091	0.0066	0.00269	0.008172
CGP-DSSPD-NR10-EXE2	STRING	1	248518	1194	287	0.52217	0.0539	-0.00064	0.000833
	NonSpecific	1	248530	1194	275	0.51999	0.03392	-0.00056	0.000833
	ChIP-Seq	7	247389	1239	1365	0.50083	0.00658	0.00013	0.005591
CGP-DSSPD-NR10-EXE3	STRING	0	248489	1223	288	0.52151	0	-0.00238	0.0
	NonSpecific	1	248502	1222	275	0.52142	0.03432	-0.0006	0.000817
	ChIP-Seq	4	247343	1285	1368	0.4999	0.00645	-0.00232	0.003101
CGP-DSSPD-NR10-EXE4	STRING	1	248499	1213	287	0.52101	0.0523	-0.00068	0.00082
	NonSpecific	1	248511	1213	275	0.5211	0.03385	-0.00059	0.00082
	ChIP-Seq	6	247342	1286	1366	0.49934	0.00639	-0.00082	0.004626
CGP-DSSPD-NR10-EXE5	STRING	0	248468	1244	288	0.52024	0	-0.0024	0.0
	NonSpecific	0	248480	1244	276	0.52053	0	-0.00235	0.0
	ChIP-Seq	12	247327	1301	1360	0.50097	0.00655	0.00359	0.009091
CGP-KM-BKM-NR10-EXE1	STRING	1	249231	481	287	0.52116	0.05147	0.0012	0.00189
	NonSpecific	2	249244	480	274	0.5219	0.03344	0.00403	0.003781
	ChIP-Seq	2	246834	1794	1370	0.49894	0.00635	-0.00504	0.001068
CGP-KM-BKM-NR10-EXE2	STRING	4	248072	1640	284	0.52081	0.05111	0.00307	0.002345
	NonSpecific	4	248084	1640	272	0.5214	0.03287	0.00326	0.002345
	ChIP-Seq	3	246987	1641	1369	0.49775	0.00625	-0.00403	0.001758
CGP-KM-BKM-NR10-EXE3	STRING	1	249256	456	287	0.52062	0.05091	0.00131	0.00198
	NonSpecific	2	249269	455	274	0.52123	0.0327	0.00422	0.00396
	ChIP-Seq	3	246487	2141	1369	0.49718	0.00621	-0.00515	0.001354
CGP-KM-BKM-NR10-EXE4	STRING	1	249010	702	287	0.52024	0.0505	0.00042	0.001321
	NonSpecific	2	249023	701	274	0.52109	0.03256	0.00278	0.002642
	ChIP-Seq	27	246215	2413	1345	0.49976	0.00642	0.00749	0.010736
CGP-KM-BKM-NR10-EXE5	STRING	1	248995	717	287	0.52004	0.0503	0.00038	0.001294
	NonSpecific	3	249009	715	273	0.52265	0.03311	0.00497	0.003881
	ChIP-Seq	0	247024	1604	1372	0.49812	0	-0.00597	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	2	248418	1294	286	0.51935	0.04963	0.00083	0.001537
	NonSpecific	1	248429	1295	275	0.52199	0.03243	-0.00072	0.000769
	ChIP-Seq	4	247250	1378	1368	0.49676	0.0062	-0.00262	0.002882
CGP-KM-DSSPD-NR10-EXE2	STRING	3	248442	1270	285	0.51875	0.04889	0.00254	0.002353
	NonSpecific	3	248454	1270	273	0.52149	0.03174	0.0027	0.002353
	ChIP-Seq	19	247271	1357	1353	0.5008	0.00649	0.00838	0.013788
CGP-KM-DSSPD-NR10-EXE3	STRING	3	248355	1357	285	0.51998	0.04935	0.0023	0.002203
	NonSpecific	3	248367	1357	273	0.5228	0.03202	0.00245	0.002203
	ChIP-Seq	3	247228	1400	1369	0.49954	0.0064	-0.00341	0.002135
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248332	1380	288	0.51951	0	-0.00253	0.0
	NonSpecific	2	248346	1378	274	0.52229	0.03159	0.00077	0.001442
	ChIP-Seq	12	247260	1368	1360	0.50098	0.00648	0.00324	0.008652
CGP-KM-DSSPD-NR10-EXE5	STRING	0	249332	380	288	0.51924	0	-0.00133	0.0
	NonSpecific	1	249345	379	275	0.52383	0.03206	0.00179	0.002632
	ChIP-Seq	6	247014	1614	1366	0.50093	0.00648	-0.00195	0.003697

Tabela 13: Tabular results for mHSC-GM problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	26	249578	198	198	0.55294	0.1534	0.11528	0.116071
	NonSpecific	16	249621	182	181	0.53929	0.149	0.08029	0.080808
	ChIP-Seq	27	245584	2195	2194	0.50176	0.01235	0.0033	0.012151
GENIE3	STRING	12	249564	212	212	0.55673	0.15025	0.05272	0.053571
	NonSpecific	2	249608	195	195	0.53903	0.13544	0.00937	0.010152
	ChIP-Seq	19	245577	2202	2202	0.50113	0.01055	-0.00033	0.008555
GRNBOOST2	STRING	12	249564	212	212	0.55624	0.13799	0.05272	0.053571
	NonSpecific	5	249611	192	192	0.53886	0.1197	0.02461	0.025381
	ChIP-Seq	24	245582	2197	2197	0.50112	0.01051	0.00194	0.010806
SINCERITIES	STRING	0	249552	224	224	0.55624	0	-0.0009	0.0
	NonSpecific	0	249606	197	197	0.53886	0	-0.00079	0.0
	ChIP-Seq	24	245602	2177	2197	0.5022	0.01069	0.00203	0.010806
PPCOR	STRING	0	249276	500	224	0.55372	0	-0.00134	0.0
	NonSpecific	0	249303	500	197	0.53743	0	-0.00126	0.0
	ChIP-Seq	17	245574	2205	2204	0.50116	0.01002	-0.00125	0.007651
CGP-DSSPD-NR5-EXE1	STRING	6	243960	5816	218	0.55337	0.10912	0.00069	0.001027
	NonSpecific	6	243987	5816	191	0.53715	0.07442	0.00134	0.001027
	ChIP-Seq	24	241981	5798	2197	0.49927	0.00949	-0.00784	0.004107
CGP-DSSPD-NR5-EXE2	STRING	2	243964	5812	222	0.5532	0.10787	-0.00285	0.000342
	NonSpecific	4	243993	5810	193	0.53685	0.07037	-0.00055	0.000684
	ChIP-Seq	55	242020	5759	2166	0.49941	0.00955	0.00095	0.0094
CGP-DSSPD-NR5-EXE3	STRING	12	243941	5835	212	0.55516	0.10864	0.00598	0.00204
	NonSpecific	13	243969	5834	184	0.5391	0.07008	0.00792	0.002211
	ChIP-Seq	55	241987	5792	2166	0.49961	0.0096	0.00086	0.009352
CGP-DSSPD-NR5-EXE4	STRING	9	243786	5990	215	0.5551	0.10824	0.00317	0.001491
	NonSpecific	4	243808	5995	193	0.5389	0.06798	-0.00068	0.000663
	ChIP-Seq	66	241846	5933	2155	0.50024	0.00972	0.00354	0.010936
CGP-DSSPD-NR5-EXE5	STRING	8	243772	6004	216	0.55474	0.10593	0.00228	0.001325
	NonSpecific	8	243799	6004	189	0.54123	0.06871	0.00304	0.001325
	ChIP-Seq	63	241830	5949	2158	0.50041	0.00975	0.00267	0.010437
CGP-DSSPD-NR10-EXE1	STRING	1	248630	1146	223	0.55672	0.10691	-6e-05	0.000862
	NonSpecific	0	248656	1147	197	0.54093	0	-0.00191	0.0
	ChIP-Seq	8	246555	1224	2213	0.49987	0.00967	-0.00179	0.006426
CGP-DSSPD-NR10-EXE2	STRING	2	248649	1127	222	0.55637	0.10478	0.00197	0.001767
	NonSpecific	0	248674	1129	197	0.54059	0	-0.00189	0.0
	ChIP-Seq	18	246585	1194	2203	0.5011	0.00981	0.00444	0.014815
CGP-DSSPD-NR10-EXE3	STRING	0	248632	1144	224	0.55619	0	-0.00203	0.0
	NonSpecific	0	248659	1144	197	0.54043	0	-0.0019	0.0
	ChIP-Seq	10	246521	1258	2211	0.50019	0.00968	-0.00076	0.007855
CGP-DSSPD-NR10-EXE4	STRING	0	248677	1099	224	0.55596	0	-0.00199	0.0
	NonSpecific	1	248705	1098	196	0.54001	0.05887	0.00029	0.000907
	ChIP-Seq	12	246625	1154	2209	0.5008	0.00976	0.00103	0.010256
CGP-DSSPD-NR10-EXE5	STRING	1	248697	1079	223	0.55549	0.09999	7e-05	0.000921
	NonSpecific	2	248725	1078	195	0.54219	0.05917	0.0025	0.001842
	ChIP-Seq	15	246664	1115	2206	0.50173	0.00986	0.00315	0.013204
CGP-KM-BKM-NR10-EXE1	STRING	2	249232	544	222	0.55481	0.09687	0.00433	0.003663
	NonSpecific	1	249258	545	196	0.54177	0.05715	0.00174	0.001832
	ChIP-Seq	11	245131	2648	2210	0.50004	0.00967	-0.00524	0.004104
CGP-KM-BKM-NR10-EXE2	STRING	3	248881	895	221	0.55668	0.09745	0.00491	0.003341
	NonSpecific	2	248907	896	195	0.54406	0.05819	0.00308	0.002227
	ChIP-Seq	51	244797	2982	2170	0.49993	0.00965	0.00937	0.016804
CGP-KM-BKM-NR10-EXE3	STRING	2	247995	1781	222	0.5565	0.09668	0.00064	0.001122
	NonSpecific	0	248020	1783	197	0.54387	0	-0.00238	0.0
	ChIP-Seq	4	244970	2809	2217	0.49739	0.00941	-0.00848	0.00141
CGP-KM-BKM-NR10-EXE4	STRING	1	248437	1339	223	0.55638	0.09618	-0.00037	0.000746
	NonSpecific	0	248463	1340	197	0.54387	0	-0.00206	0.0
	ChIP-Seq	9	244943	2836	2212	0.49574	0.00929	-0.00654	0.003157
CGP-KM-BKM-NR10-EXE5	STRING	1	249100	676	223	0.55632	0.09594	0.00101	0.001477
	NonSpecific	0	249126	677	197	0.54384	0	-0.00146	0.0
	ChIP-Seq	19	245556	2223	2202	0.49703	0.00941	-0.00042	0.008463
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248622	1154	224	0.55586	0	-0.00204	0.0
	NonSpecific	0	248649	1154	197	0.5437	0	-0.00191	0.0
	ChIP-Seq	7	246504	1275	2214	0.49622	0.00936	-0.00262	0.005443
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248667	1109	223	0.55533	0.09204	1e-05	0.000898
	NonSpecific	1	248694	1109	196	0.54353	0.05569	0.00027	0.000898
	ChIP-Seq	14	246429	1350	2207	0.49644	0.00938	0.00109	0.010234
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248622	1154	223	0.55515	0.09141	-7e-05	0.000858
	NonSpecific	0	248648	1155	197	0.54331	0	-0.00191	0.0
	ChIP-Seq	22	246436	1343	2199	0.49821	0.00955	0.00571	0.015954
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248616	1160	224	0.55486	0	-0.00204	0.0
	NonSpecific	0	248643	1160	197	0.54312	0	-0.00192	0.0
	ChIP-Seq	16	246394	1385	2205	0.49913	0.00962	0.00203	0.011404
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248625	1151	222	0.55684	0.09152	0.00191	0.00173
	NonSpecific	1	248651	1152	196	0.54284	0.05289	0.00019	0.000865
	ChIP-Seq	13	246420	1359	2208	0.4993	0.00964	0.00047	0.009455

Tabela 14: Tabular results for mHSC-L problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249789	96	95	0.57986	0.17355	0.17278	0.172414
	NonSpecific	12	249576	206	206	0.52569	0.08153	0.05422	0.055046
	ChIP-Seq	36	243412	3276	3276	0.4989	0.01378	-0.00241	0.01087
GENIE3	STRING	12	249782	103	103	0.58374	0.16805	0.10394	0.104348
	NonSpecific	6	249570	212	212	0.52523	0.07193	0.02667	0.027523
	ChIP-Seq	39	243415	3273	3273	0.49861	0.01401	-0.00149	0.011775
GRNBOOST2	STRING	5	249775	110	110	0.58343	0.16217	0.04304	0.043478
	NonSpecific	5	249569	213	213	0.52508	0.06383	0.02208	0.022936
	ChIP-Seq	46	243422	3266	3266	0.49991	0.01498	0.00065	0.013889
SINCERITIES	STRING	0	249794	91	115	0.5833	0	-0.00041	0.0
	NonSpecific	0	249596	186	218	0.52476	0	-0.00081	0.0
	ChIP-Seq	22	243648	3040	3290	0.49684	0.01372	-0.0059	0.006643
PPCOR	STRING	0	249385	500	115	0.58179	0	-0.00096	0.0
	NonSpecific	0	249282	500	218	0.52314	0	-0.00132	0.0
	ChIP-Seq	33	243409	3279	3279	0.49492	0.01344	-0.00333	0.009964
CGP-DSSPD-NR5-EXE1	STRING	3	243910	5975	112	0.58167	0.14252	0.0003	0.000502
	NonSpecific	10	243814	5968	208	0.52269	0.03791	0.00425	0.001673
	ChIP-Seq	96	240806	5882	3216	0.49653	0.01416	0.00385	0.016059
CGP-DSSPD-NR5-EXE2	STRING	2	243926	5959	113	0.58116	0.13798	-0.00091	0.000336
	NonSpecific	4	243825	5957	214	0.52242	0.03643	-0.00106	0.000671
	ChIP-Seq	87	240814	5874	3225	0.49663	0.01432	0.00184	0.014595
CGP-DSSPD-NR5-EXE3	STRING	3	243653	6232	112	0.58091	0.13585	0.00016	0.000481
	NonSpecific	7	243554	6228	211	0.52197	0.03432	0.00136	0.001123
	ChIP-Seq	79	240532	6156	3233	0.49605	0.01431	-0.00081	0.01267
CGP-DSSPD-NR5-EXE4	STRING	7	243594	6291	108	0.58066	0.1338	0.00488	0.001111
	NonSpecific	7	243491	6291	211	0.52143	0.03214	0.0013	0.001111
	ChIP-Seq	110	240500	6188	3202	0.49917	0.01487	0.00593	0.017466
CGP-DSSPD-NR5-EXE5	STRING	1	243852	6033	114	0.58053	0.13281	-0.00216	0.000166
	NonSpecific	0	243748	6034	218	0.521	0	-0.00465	0.0
	ChIP-Seq	78	240732	5956	3234	0.49917	0.01487	-0.00044	0.012927
CGP-DSSPD-NR10-EXE1	STRING	2	248611	1274	113	0.58028	0.13089	0.0037	0.001567
	NonSpecific	0	248506	1276	218	0.52063	0	-0.00212	0.0
	ChIP-Seq	22	245361	1327	3290	0.49958	0.01497	0.00197	0.016308
CGP-DSSPD-NR10-EXE2	STRING	0	248634	1251	115	0.58016	0	-0.00152	0.0
	NonSpecific	1	248532	1250	217	0.52253	0.03028	-0.00017	0.000799
	ChIP-Seq	12	245385	1303	3300	0.49881	0.01486	-0.00262	0.009125
CGP-DSSPD-NR10-EXE3	STRING	1	248722	1163	114	0.5799	0.12815	0.00127	0.000859
	NonSpecific	1	248619	1163	217	0.52226	0.02955	-3e-05	0.000859
	ChIP-Seq	10	245486	1202	3302	0.49816	0.01477	-0.00305	0.008251
CGP-DSSPD-NR10-EXE4	STRING	1	248748	1137	114	0.58384	0.12981	0.00132	0.000879
	NonSpecific	1	248645	1137	217	0.52196	0.02881	2e-05	0.000879
	ChIP-Seq	24	245525	1163	3288	0.49964	0.01499	0.00421	0.020219
CGP-DSSPD-NR10-EXE5	STRING	0	248670	1215	115	0.58346	0	-0.0015	0.0
	NonSpecific	1	248568	1214	217	0.52144	0.02771	-0.00012	0.000823
	ChIP-Seq	21	245429	1259	3291	0.50007	0.01505	0.00198	0.016406
CGP-KM-BKM-NR10-EXE1	STRING	0	248925	960	115	0.5822	0	-0.00133	0.0
	NonSpecific	1	248823	959	217	0.52092	0.02668	0.00036	0.001042
	ChIP-Seq	21	242871	3817	3291	0.49714	0.01472	-0.00849	0.005472
CGP-KM-BKM-NR10-EXE2	STRING	1	248771	1114	114	0.58187	0.11737	0.00136	0.000897
	NonSpecific	4	248671	1111	214	0.52061	0.02571	0.00616	0.003587
	ChIP-Seq	33	242558	4130	3279	0.49551	0.01457	-0.00606	0.007927
CGP-KM-BKM-NR10-EXE3	STRING	1	249096	789	114	0.58174	0.1167	0.00212	0.001266
	NonSpecific	2	248994	788	216	0.52056	0.02562	0.00317	0.002532
	ChIP-Seq	25	242437	4251	3287	0.49327	0.01435	-0.00854	0.005847
CGP-KM-BKM-NR10-EXE4	STRING	1	249208	677	114	0.5858	0.11921	0.00247	0.001475
	NonSpecific	1	249105	677	217	0.52044	0.02541	0.00106	0.001475
	ChIP-Seq	58	242765	3923	3254	0.49406	0.01448	0.00147	0.014569
CGP-KM-BKM-NR10-EXE5	STRING	1	249233	652	114	0.5858	0.11921	0.00256	0.001531
	NonSpecific	2	249131	651	216	0.52029	0.02515	0.0038	0.003063
	ChIP-Seq	34	243211	3477	3278	0.4939	0.01449	-0.00372	0.009684
CGP-KM-DSSPD-NR10-EXE1	STRING	1	248728	1157	114	0.58567	0.11855	0.00128	0.000864
	NonSpecific	0	248624	1158	218	0.51981	0	-0.00201	0.0
	ChIP-Seq	16	245317	1371	3296	0.49356	0.01446	-0.00112	0.011536
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248786	1099	114	0.58542	0.11727	0.00139	0.000909
	NonSpecific	4	248686	1096	214	0.52171	0.02514	0.00623	0.003636
	ChIP-Seq	12	245321	1367	3300	0.49324	0.01445	-0.00296	0.008702
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248629	1256	114	0.58529	0.11665	0.00111	0.000796
	NonSpecific	3	248528	1254	215	0.52598	0.02724	0.00365	0.002387
	ChIP-Seq	19	245199	1489	3293	0.49342	0.01449	-0.00044	0.012599
CGP-KM-DSSPD-NR10-EXE4	STRING	1	248746	1139	114	0.58516	0.11603	0.00132	0.000877
	NonSpecific	5	248647	1135	213	0.52541	0.02636	0.00806	0.004386
	ChIP-Seq	38	245367	1321	3274	0.49596	0.01477	0.00951	0.027962
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248841	1044	113	0.58516	0.11603	0.00439	0.001912
	NonSpecific	1	248737	1045	217	0.52496	0.02573	0.00018	0.000956
	ChIP-Seq	6	245359	1329	3306	0.49476	0.01467	-0.00561	0.004494

2 Configuration 500TF

2.1 Ignoring Self-Loop

Tabela 15: Tabular results for hESC problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	126	819725	4118	4131	0.51209	0.04986	0.02464	0.029591
PIDC	NonSpecific	41	821273	3391	3395	0.5043	0.01354	0.00783	0.011912
	ChIP-Seq	20	819062	4512	4506	0.50005	0.0069	-0.00106	0.004399
	STRING	46	819636	4207	4211	0.51365	0.04455	0.0057	0.010806
GENIE3	NonSpecific	19	821246	3418	3417	0.50447	0.0105	0.00138	0.005522
	ChIP-Seq	39	819072	4502	4487	0.50165	0.00827	0.00314	0.008579
	STRING	75	819675	4168	4182	0.51462	0.04232	0.01258	0.017618
GRNBOOST2	NonSpecific	20	821251	3413	3416	0.50421	0.00951	0.00168	0.005812
	ChIP-Seq	36	819081	4493	4490	0.50263	0.00879	0.0025	0.007921
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	822938	905	4257	0.51367	0	-0.00238	0.0
PPCOR	NonSpecific	0	823759	905	3436	0.50356	0	-0.00214	0.0
	ChIP-Seq	0	822669	905	4526	0.50202	0	-0.00245	0.0
	STRING	6	816904	6939	4251	0.51311	0.03274	-0.0055	0.000849
CGP-DSSPD-NR5-EXE1	NonSpecific	3	817722	6942	3433	0.50201	0.00701	-0.00532	0.000425
	ChIP-Seq	16	816645	6929	4510	0.50055	0.00709	-0.00394	0.002265
	STRING	3	815895	7948	4254	0.51214	0.02964	-0.00656	0.000371
CGP-DSSPD-NR5-EXE2	NonSpecific	2	816715	7949	3434	0.50064	0.00626	-0.00597	0.000247
	ChIP-Seq	14	815637	7937	4512	0.4992	0.00658	-0.00495	0.001729
	STRING	9	817129	6714	4248	0.5115	0.02762	-0.00481	0.001309
CGP-DSSPD-NR5-EXE3	NonSpecific	2	817943	6721	3434	0.49926	0.00577	-0.00542	0.000291
	ChIP-Seq	11	816862	6712	4515	0.49764	0.0062	-0.0047	0.001599
	STRING	4	817567	6276	4253	0.51069	0.02597	-0.00551	0.000624
CGP-DSSPD-NR5-EXE4	NonSpecific	1	818385	6279	3435	0.49779	0.00539	-0.00543	0.000156
	ChIP-Seq	13	817307	6267	4513	0.49656	0.00604	-0.00403	0.002027
	STRING	2	817066	6777	4255	0.50971	0.02454	-0.00616	0.00029
CGP-DSSPD-NR5-EXE5	NonSpecific	2	817887	6777	3434	0.49657	0.00516	-0.00545	0.00029
	ChIP-Seq	17	816812	6762	4509	0.49583	0.00599	-0.00364	0.002461
	STRING	0	822421	1422	4257	0.50941	0	-0.00298	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	0	823242	1422	3436	0.49599	0	-0.00268	0.0
	ChIP-Seq	2	822154	1420	4524	0.49541	0.00594	-0.00228	0.001379
	STRING	3	822396	1447	4254	0.50924	0.02383	-0.0018	0.002046
CGP-DSSPD-NR10-EXE2	NonSpecific	1	823215	1449	3435	0.49535	0.00496	-0.00225	0.000682
	ChIP-Seq	10	822134	1440	4516	0.49575	0.00604	0.00081	0.006821
	STRING	2	822534	1309	4255	0.50914	0.02361	-0.00201	0.001503
CGP-DSSPD-NR10-EXE3	NonSpecific	0	823353	1311	3436	0.49481	0	-0.00257	0.0
	ChIP-Seq	4	822267	1307	4522	0.49541	0.006	-0.0013	0.003005
	STRING	6	820208	3635	4251	0.50899	0.02314	-0.00325	0.001609
CGP-DSSPD-NR10-EXE4	NonSpecific	1	821024	3640	3435	0.49349	0.00473	-0.00401	0.000268
	ChIP-Seq	10	819943	3631	4516	0.49468	0.00595	-0.00245	0.002682
	STRING	2	822522	1321	4255	0.50883	0.02295	-0.00203	0.001462
CGP-DSSPD-NR10-EXE5	NonSpecific	0	823341	1323	3436	0.49298	0	-0.00258	0.0
	ChIP-Seq	5	822256	1318	4521	0.49446	0.00594	-0.00092	0.003655
	STRING	2	818659	5184	4255	0.50793	0.02211	-0.00528	0.00038
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	819478	5186	3436	0.49147	0	-0.00512	0.0
	ChIP-Seq	13	818400	5174	4514	0.49319	0.00585	-0.00319	0.002468
	STRING	1	821651	2192	4256	0.50749	0.02175	-0.00338	0.00045
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	822471	2193	3436	0.49068	0	-0.00333	0.0
	ChIP-Seq	13	821393	2181	4514	0.4931	0.00586	0.00032	0.005848
	STRING	2	818718	5125	4255	0.50678	0.02118	-0.00524	0.000384
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	819537	5127	3436	0.48947	0	-0.00509	0.0
	ChIP-Seq	12	818459	5115	4514	0.49198	0.00578	-0.00334	0.002301
	STRING	3	819272	4571	4254	0.50633	0.02084	-0.00467	0.000645
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	821014	3650	3436	0.48821	0	-0.0043	0.0
	ChIP-Seq	20	819020	4554	4506	0.49139	0.00577	-0.00111	0.004297
	STRING	2	820236	3607	4255	0.50563	0.02041	-0.00424	0.000547
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	821055	3609	3436	0.48701	0	-0.00427	0.0
	ChIP-Seq	8	819973	3601	4518	0.4906	0.00573	-0.00292	0.002188
	STRING	0	822420	1423	4257	0.50538	0	-0.00298	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	823241	1423	3436	0.4865	0	-0.00268	0.0
	ChIP-Seq	6	822157	1417	4520	0.4903	0.00571	-0.0007	0.004049
	STRING	0	822391	1452	4257	0.5051	0	-0.00301	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	823213	1451	3435	0.48611	0.00421	-0.00226	0.000673
	ChIP-Seq	6	822128	1446	4520	0.48999	0.0057	-0.00076	0.004038
	STRING	0	822371	1472	4257	0.50486	0	-0.00303	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	823192	1472	3436	0.48558	0	-0.00272	0.0
	ChIP-Seq	4	822106	1468	4522	0.48968	0.00568	-0.00157	0.002647
	STRING	0	822419	1424	4257	0.50464	0	-0.00298	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	823240	1424	3436	0.48515	0	-0.00268	0.0
	ChIP-Seq	6	822156	1418	4520	0.48941	0.00567	-0.00071	0.004098
	STRING	1	822232	1611	4256	0.50451	0.0198	-0.00279	0.000607
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	823052	1612	3436	0.48461	0	-0.00285	0.0
	ChIP-Seq	3	821965	1609	4523	0.48893	0.00564	-0.00216	0.001821

Tabela 16: Tabular results for hHep problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	281	884005	7177	7241	0.51369	0.04093	0.02943	0.037347
PIDC	NonSpecific	52	890548	4038	4066	0.50407	0.01135	0.00814	0.012591
	ChIP-Seq	152	879163	9698	9691	0.50254	0.01609	0.00453	0.015292
	STRING	132	883799	7383	7390	0.51309	0.03288	0.00927	0.017546
GENIE3	NonSpecific	25	890484	4102	4093	0.50381	0.00905	0.00148	0.006055
	ChIP-Seq	71	879005	9856	9772	0.50034	0.01322	-0.00386	0.007141
	STRING	134	883838	7344	7388	0.51397	0.03118	0.0096	0.017812
GRNBOOST2	NonSpecific	28	890501	4085	4090	0.5037	0.00846	0.00223	0.006781
	ChIP-Seq	78	879072	9789	9765	0.49999	0.01286	-0.00309	0.007848
	STRING	66	883873	7309	7456	0.51444	0.02759	0.00058	0.008773
SINCERITIES	NonSpecific	14	890541	4045	4104	0.5033	0.0075	-0.00113	0.003391
	ChIP-Seq	158	879282	9579	9687	0.50272	0.01404	0.0053	0.015897
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	136	876595	14587	7386	0.51438	0.02542	0.00123	0.009102
CGP-DSSPD-NR5-EXE1	NonSpecific	71	879934	14652	4047	0.504	0.00736	0.00046	0.004752
	ChIP-Seq	161	874298	14563	9683	0.50317	0.01387	-2e-05	0.010776
	STRING	133	876395	14787	7389	0.51434	0.02414	0.00078	0.008784
CGP-DSSPD-NR5-EXE2	NonSpecific	76	879742	14844	4042	0.50384	0.00707	0.00098	0.005019
	ChIP-Seq	174	874113	14748	9671	0.50336	0.01372	0.00088	0.011491
	STRING	122	876939	14243	7400	0.51418	0.0233	0.00017	0.008368
CGP-DSSPD-NR5-EXE3	NonSpecific	42	880263	14323	4076	0.50361	0.00686	-0.00313	0.002881
	ChIP-Seq	182	874677	14184	9662	0.5039	0.0137	0.0021	0.012484
	STRING	130	876266	14916	7392	0.51451	0.02285	0.00039	0.008513
CGP-DSSPD-NR5-EXE4	NonSpecific	60	879599	14987	4059	0.50334	0.0067	-0.00115	0.003929
	ChIP-Seq	139	873953	14908	9705	0.50286	0.01339	-0.00215	0.009103
	STRING	117	876301	14881	7405	0.51385	0.02226	-0.00081	0.007697
CGP-DSSPD-NR5-EXE5	NonSpecific	77	879664	14922	4042	0.5032	0.00661	0.00106	0.005066
	ChIP-Seq	172	874034	14827	9672	0.50318	0.01339	0.00064	0.011316
	STRING	84	882194	8988	7438	0.51437	0.02204	0.00099	0.009102
CGP-DSSPD-NR10-EXE1	NonSpecific	46	885559	9027	4073	0.50307	0.00653	0.00073	0.004984
	ChIP-Seq	123	877106	11755	9722	0.50309	0.01334	-0.00067	0.010196
	STRING	56	885011	6171	7466	0.51434	0.02172	0.00057	0.00888
CGP-DSSPD-NR10-EXE2	NonSpecific	28	888430	6156	4090	0.50282	0.00644	-7e-05	0.004471
	ChIP-Seq	97	882730	6131	9747	0.5044	0.01352	0.00371	0.015382
	STRING	83	882554	8628	7439	0.51471	0.02151	0.00126	0.009363
CGP-DSSPD-NR10-EXE3	NonSpecific	35	888687	5899	4083	0.5035	0.00651	0.00159	0.005798
	ChIP-Seq	92	880241	8620	9752	0.50382	0.01339	-0.00037	0.010378
	STRING	84	882190	8992	7438	0.51489	0.02135	0.00098	0.009106
CGP-DSSPD-NR10-EXE4	NonSpecific	29	888515	6071	4089	0.50415	0.00655	0.00021	0.004683
	ChIP-Seq	91	876972	11889	9754	0.50301	0.01326	-0.00375	0.00749
	STRING	50	885427	5755	7472	0.51475	0.02117	0.00021	0.00848
CGP-DSSPD-NR10-EXE5	NonSpecific	37	888818	5768	4081	0.50514	0.00665	0.00214	0.006275
	ChIP-Seq	83	883139	5722	9760	0.50363	0.01332	0.00259	0.014077
	STRING	131	881915	9267	7391	0.51653	0.0213	0.00628	0.013745
CGP-KM-BKM-NR10-EXE1	NonSpecific	11	890197	4389	4107	0.50413	0.00649	-0.00216	0.002465
	ChIP-Seq	146	879609	9252	9697	0.50531	0.01345	0.00453	0.015318
	STRING	95	882902	8280	7427	0.51813	0.02156	0.00317	0.011068
CGP-KM-BKM-NR10-EXE2	NonSpecific	34	889343	5243	4084	0.50586	0.00668	0.00212	0.006314
	ChIP-Seq	46	880532	8329	9797	0.50344	0.01322	-0.00509	0.005359
	STRING	123	883173	8009	7399	0.51915	0.02157	0.00709	0.014905
CGP-KM-BKM-NR10-EXE3	NonSpecific	9	889443	5143	4109	0.50497	0.00657	-0.00319	0.001707
	ChIP-Seq	90	877680	11181	9753	0.50217	0.01305	-0.00321	0.007837
	STRING	81	883748	7434	7441	0.52007	0.02161	0.00243	0.010566
CGP-KM-BKM-NR10-EXE4	NonSpecific	33	887104	7482	4085	0.50655	0.00671	-0.00026	0.004305
	ChIP-Seq	102	878075	10786	9742	0.50136	0.01297	-0.00169	0.009167
	STRING	108	880403	10779	7414	0.52037	0.02155	0.00188	0.009748
CGP-KM-BKM-NR10-EXE5	NonSpecific	33	888577	6009	4085	0.50727	0.00673	0.00107	0.005398
	ChIP-Seq	105	878079	10782	9738	0.50067	0.01289	-0.00139	0.009477
	STRING	109	883739	7443	7413	0.52157	0.02162	0.00613	0.014187
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	39	889661	4925	4079	0.50689	0.00665	0.00361	0.007744
	ChIP-Seq	124	881433	7428	9719	0.50191	0.01298	0.00484	0.01614
	STRING	122	882664	8518	7400	0.52307	0.02172	0.00622	0.013837
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	28	889360	5226	4090	0.50725	0.00665	0.00085	0.005207
	ChIP-Seq	109	880330	8531	9734	0.50223	0.01297	0.00158	0.012362
	STRING	135	881922	9260	7387	0.52477	0.02185	0.00677	0.014187
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	17	889193	5393	4101	0.50689	0.00659	-0.00166	0.0031
	ChIP-Seq	104	879569	9292	9740	0.50124	0.01286	0.00011	0.010929
	STRING	54	887491	3691	7468	0.52524	0.0218	0.0043	0.014324
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	41	890882	3704	4077	0.50912	0.00673	0.0061	0.010875
	ChIP-Seq	37	885153	3708	9806	0.50089	0.01283	-0.00067	0.009814
	STRING	91	885093	6089	7431	0.52664	0.02194	0.00581	0.014392
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	21	889281	5305	4097	0.5094	0.00674	-0.00073	0.00384
	ChIP-Seq	67	882747	6114	9777	0.50056	0.01279	-9e-05	0.010596

Tabela 17: Tabular results for mDC problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	141	664551	4675	4674	0.51004	0.04911	0.0223	0.029277
	NonSpecific	70	667976	2998	2997	0.50928	0.02524	0.01835	0.022816
	ChIP-Seq	2	672531	754	754	0.50067	0.00573	0.00153	0.002646
GENIE3	STRING	63	664474	4752	4752	0.5087	0.03522	0.00598	0.013084
	NonSpecific	30	667937	3037	3037	0.50937	0.01803	0.00526	0.009782
	ChIP-Seq	1	672529	756	755	0.50017	0.00405	0.0002	0.001321
GRNBOOST2	STRING	60	664471	4755	4755	0.50836	0.0311	0.00536	0.012461
	NonSpecific	19	667926	3048	3048	0.50888	0.0153	0.00165	0.006195
	ChIP-Seq	1	672530	755	755	0.49993	0.00367	0.0002	0.001323
SINCERITIES	STRING	36	664669	4557	4779	0.5085	0.02814	0.00068	0.007477
	NonSpecific	8	668069	2905	3059	0.50788	0.01204	-0.00177	0.002608
	ChIP-Seq	0	672568	717	756	0.49928	0	-0.00109	0.0
PPCOR	STRING	0	668405	821	4815	0.50747	0	-0.00296	0.0
	NonSpecific	0	670153	821	3067	0.50711	0	-0.00236	0.0
	ChIP-Seq	0	672464	821	756	0.49824	0	-0.00117	0.0
CGP-DSSPD-NR5-EXE1	STRING	97	654151	15075	4718	0.50678	0.02512	-0.00135	0.006393
	NonSpecific	50	655852	15122	3017	0.50651	0.01011	-0.00283	0.003296
	ChIP-Seq	12	658125	15160	744	0.49767	0.00257	-0.0015	0.000791
CGP-DSSPD-NR5-EXE2	STRING	108	653835	15391	4707	0.50753	0.02486	-0.00032	0.006968
	NonSpecific	69	655544	15430	2998	0.50808	0.01015	-0.00022	0.004452
	ChIP-Seq	12	657798	15487	744	0.49776	0.00277	-0.00159	0.000774
CGP-DSSPD-NR5-EXE3	STRING	102	653423	15803	4713	0.50698	0.02416	-0.00135	0.006413
	NonSpecific	71	655140	15834	2996	0.50859	0.00992	-0.0002	0.004464
	ChIP-Seq	16	657396	15889	740	0.49912	0.00342	-0.00054	0.001006
CGP-DSSPD-NR5-EXE4	STRING	94	653191	16035	4721	0.5061	0.02351	-0.00245	0.005828
	NonSpecific	68	654913	16061	2999	0.50856	0.00966	-0.00078	0.004216
	ChIP-Seq	23	657179	16106	733	0.49858	0.00327	0.00142	0.001426
CGP-DSSPD-NR5-EXE5	STRING	104	653926	15300	4711	0.50583	0.02324	-0.00071	0.006751
	NonSpecific	60	655630	15344	3007	0.50838	0.00943	-0.00149	0.003895
	ChIP-Seq	14	657895	15390	742	0.49872	0.00336	-0.00097	0.000909
CGP-DSSPD-NR10-EXE1	STRING	20	666167	3059	4795	0.50566	0.02304	-0.00052	0.006496
	NonSpecific	18	667913	3061	3049	0.50905	0.0094	0.0013	0.005846
	ChIP-Seq	9	670299	2986	747	0.49959	0.00365	0.00376	0.003005
CGP-DSSPD-NR10-EXE2	STRING	19	666080	3146	4796	0.50533	0.02284	-0.00093	0.006003
	NonSpecific	25	667910	3064	3042	0.51069	0.00956	0.00357	0.008093
	ChIP-Seq	3	670199	3086	753	0.49981	0.00372	-0.0003	0.000971
CGP-DSSPD-NR10-EXE3	STRING	22	665932	3294	4793	0.50516	0.02272	-0.00042	0.006634
	NonSpecific	11	667808	3166	3056	0.50997	0.00929	-0.00111	0.003462
	ChIP-Seq	3	670111	3174	753	0.49927	0.00358	-0.00036	0.000944
CGP-DSSPD-NR10-EXE4	STRING	47	662987	6239	4768	0.50536	0.02269	0.00038	0.007477
	NonSpecific	14	667858	3116	3053	0.50957	0.00912	-8e-05	0.004473
	ChIP-Seq	4	670159	3126	752	0.49876	0.00347	0.00032	0.001278
CGP-DSSPD-NR10-EXE5	STRING	26	666259	2967	4789	0.50591	0.02283	0.00122	0.008687
	NonSpecific	7	667988	2986	3060	0.50864	0.00891	-0.00219	0.002339
	ChIP-Seq	4	670353	2932	752	0.49827	0.00337	0.00048	0.001362
CGP-KM-BKM-NR10-EXE1	STRING	170	663282	5944	4645	0.5173	0.02543	0.02347	0.027805
	NonSpecific	81	666656	4318	2986	0.51423	0.00953	0.0167	0.018413
	ChIP-Seq	2	671752	1533	754	0.49915	0.00358	0.00026	0.001303
CGP-KM-BKM-NR10-EXE2	STRING	145	662923	6303	4670	0.52422	0.02677	0.01791	0.022488
	NonSpecific	82	664608	6366	2985	0.51696	0.00983	0.01193	0.012717
	ChIP-Seq	0	672168	1117	756	0.49875	0	-0.00136	0.0
CGP-KM-BKM-NR10-EXE3	STRING	95	664499	4727	4720	0.52559	0.02661	0.01266	0.019701
	NonSpecific	65	666331	4643	3002	0.51921	0.00999	0.01154	0.013806
	ChIP-Seq	1	670852	2433	755	0.49889	0.00355	-0.00128	0.000411
CGP-KM-BKM-NR10-EXE4	STRING	121	662992	6234	4694	0.52606	0.02643	0.01378	0.01904
	NonSpecific	29	667041	3933	3038	0.51834	0.00983	0.00316	0.00732
	ChIP-Seq	0	670809	2476	756	0.49864	0	-0.00203	0.0
CGP-KM-BKM-NR10-EXE5	STRING	194	659512	9714	4621	0.52831	0.02658	0.01804	0.01958
	NonSpecific	169	661235	9739	2898	0.52012	0.00993	0.0227	0.017057
	ChIP-Seq	0	671712	1573	756	0.4985	0	-0.00162	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	31	666309	2917	4784	0.5287	0.02654	0.00265	0.010516
	NonSpecific	15	668041	2933	3052	0.52013	0.00987	0.00053	0.005088
	ChIP-Seq	1	670767	2518	755	0.49863	0.00352	-0.00133	0.000397
CGP-KM-DSSPD-NR10-EXE2	STRING	26	665035	4191	4789	0.52939	0.02656	-0.00092	0.006166
	NonSpecific	22	666779	4195	3045	0.52181	0.00999	0.00079	0.005217
	ChIP-Seq	0	672025	1260	756	0.49808	0	-0.00145	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	34	665139	4087	4781	0.53054	0.02669	0.00103	0.00825
	NonSpecific	23	666876	4098	3044	0.52315	0.01007	0.0012	0.005581
	ChIP-Seq	1	672035	1250	755	0.49831	0.00349	-0.00042	0.000799
CGP-KM-DSSPD-NR10-EXE4	STRING	24	666308	2918	4791	0.53095	0.02665	0.0008	0.008158
	NonSpecific	15	668047	2927	3052	0.52316	0.01001	0.00054	0.005099
	ChIP-Seq	1	670786	2499	755	0.49851	0.00354	-0.00131	0.0004
CGP-KM-DSSPD-NR10-EXE5	STRING	19	666615	2611	4796	0.53106	0.0266	6e-05	0.007224
	NonSpecific	13	668357	2617	3054	0.52299	0.00996	0.00036	0.004943
	ChIP-Seq	1	670966	2319	755	0.4986	0.00356	-0.00121	0.000431

Tabela 18: Tabular results for mESC problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	293	1239169	7469	7469	0.51591	0.06549	0.03176	0.037748
PIDC	NonSpecific	132	1240745	6762	6761	0.50724	0.02195	0.01373	0.019147
	ChIP-Seq	899	1196072	28715	28714	0.50315	0.035	0.00691	0.030357
	STRING	167	1239043	7595	7595	0.51759	0.05254	0.01542	0.021515
GENIE3	NonSpecific	96	1240709	6798	6797	0.50793	0.01649	0.00848	0.013925
	ChIP-Seq	1032	1196204	28583	28581	0.5051	0.03469	0.01151	0.034847
	STRING	195	1239071	7567	7567	0.51874	0.04986	0.01905	0.025122
GRNBOOST2	NonSpecific	103	1240717	6790	6790	0.50798	0.01534	0.0095	0.014943
	ChIP-Seq	1040	1196214	28573	28573	0.5065	0.0352	0.01179	0.03512
	STRING	93	1239066	7572	7669	0.5209	0.04142	0.00594	0.011981
SINCERITIES	NonSpecific	51	1240752	6755	6842	0.50845	0.01341	0.002	0.007399
	ChIP-Seq	696	1196476	28311	28917	0.50588	0.03381	0.00039	0.023503
	STRING	0	1245518	1120	7762	0.52013	0	-0.00236	0.0
PPCOR	NonSpecific	0	1246387	1120	6893	0.5079	0	-0.00222	0.0
	ChIP-Seq	0	1223667	1120	29613	0.50537	0	-0.00465	0.0
	STRING	129	1226318	20320	7633	0.52064	0.03618	0.0002	0.006308
CGP-DSSPD-NR5-EXE1	NonSpecific	121	1227179	20328	6772	0.50914	0.01253	0.00073	0.005917
	ChIP-Seq	526	1204864	19923	29087	0.50593	0.03344	0.00179	0.025723
	STRING	140	1226237	20401	7622	0.52101	0.03401	0.00103	0.006816
CGP-DSSPD-NR5-EXE2	NonSpecific	128	1227094	20413	6765	0.51026	0.01228	0.00128	0.006231
	ChIP-Seq	508	1204754	20033	29105	0.50612	0.03324	0.00096	0.024731
	STRING	132	1226284	20354	7630	0.52088	0.03238	0.00042	0.006443
CGP-DSSPD-NR5-EXE3	NonSpecific	142	1227163	20344	6751	0.51054	0.0119	0.0025	0.006932
	ChIP-Seq	465	1204766	20021	29148	0.50588	0.03301	-0.00077	0.022698
	STRING	153	1226571	20067	7609	0.52118	0.03141	0.00225	0.007567
CGP-DSSPD-NR5-EXE4	NonSpecific	104	1227391	20116	6789	0.51084	0.01165	-0.00061	0.005143
	ChIP-Seq	497	1205064	19723	29116	0.50616	0.03295	0.00082	0.02458
	STRING	137	1225936	20702	7625	0.52125	0.03064	0.00064	0.006574
CGP-DSSPD-NR5-EXE5	NonSpecific	115	1226783	20724	6778	0.51037	0.01132	4e-05	0.005518
	ChIP-Seq	465	1204413	20374	29148	0.50588	0.0328	-0.00111	0.022314
	STRING	80	1234337	12301	7682	0.52153	0.02993	0.00035	0.006462
CGP-DSSPD-NR10-EXE1	NonSpecific	55	1235181	12326	6838	0.50993	0.01099	-0.00142	0.004442
	ChIP-Seq	259	1212624	12163	29354	0.50544	0.03261	-0.00182	0.02085
	STRING	48	1238552	8086	7714	0.5216	0.02938	-0.0003	0.005901
CGP-DSSPD-NR10-EXE2	NonSpecific	49	1239422	8085	6844	0.50979	0.01079	0.00058	0.006024
	ChIP-Seq	404	1205102	19685	29209	0.50451	0.03237	-0.00294	0.020111
	STRING	55	1238320	8318	7707	0.52188	0.0289	0.0004	0.006569
CGP-DSSPD-NR10-EXE3	NonSpecific	58	1239192	8315	6835	0.5107	0.0108	0.00159	0.006927
	ChIP-Seq	185	1216599	8188	29428	0.50409	0.03223	-0.00082	0.022095
	STRING	41	1238252	8386	7721	0.52153	0.02836	-0.00139	0.004865
CGP-DSSPD-NR10-EXE4	NonSpecific	47	1239127	8380	6846	0.51078	0.01069	9e-05	0.005577
	ChIP-Seq	406	1208615	16172	29207	0.50422	0.03221	0.00067	0.02449
	STRING	73	1234458	12180	7689	0.52129	0.02793	-0.00029	0.005958
CGP-DSSPD-NR10-EXE5	NonSpecific	61	1235315	12192	6832	0.51052	0.01056	-0.00069	0.004978
	ChIP-Seq	266	1212800	11987	29347	0.50383	0.03211	-0.00124	0.021709
	STRING	44	1237324	9314	7718	0.52131	0.02776	-0.00164	0.004702
CGP-KM-BKM-NR10-EXE1	NonSpecific	35	1240535	6972	6858	0.5104	0.01046	-0.00051	0.004995
	ChIP-Seq	255	1205993	18794	29358	0.50155	0.03173	-0.00836	0.013387
	STRING	40	1235570	11068	7722	0.52014	0.02716	-0.00312	0.003601
CGP-KM-BKM-NR10-EXE2	NonSpecific	43	1236442	11065	6850	0.50952	0.01026	-0.00208	0.003871
	ChIP-Seq	358	1212811	11976	29255	0.50266	0.03191	0.00356	0.029025
	STRING	60	1235011	11627	7702	0.52064	0.02714	-0.0013	0.005134
CGP-KM-BKM-NR10-EXE3	NonSpecific	74	1235894	11613	6819	0.51008	0.01028	0.0011	0.006332
	ChIP-Seq	336	1209981	14806	29277	0.50261	0.0319	-0.00103	0.02219
	STRING	58	1235359	11279	7704	0.52023	0.02683	-0.0013	0.005116
CGP-KM-BKM-NR10-EXE4	NonSpecific	66	1236236	11271	6827	0.51059	0.01027	0.00042	0.005822
	ChIP-Seq	445	1201696	23091	29168	0.50103	0.03161	-0.00428	0.018907
	STRING	54	1237723	8915	7708	0.52097	0.02689	-0.00018	0.006021
CGP-KM-BKM-NR10-EXE5	NonSpecific	58	1238596	8911	6835	0.51131	0.01032	0.00112	0.006467
	ChIP-Seq	213	1211852	12935	29400	0.49982	0.03142	-0.00502	0.0162
	STRING	33	1239816	6822	7729	0.52046	0.02664	-0.0013	0.004814
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	49	1240701	6806	6844	0.51204	0.01035	0.00166	0.007148
	ChIP-Seq	169	1218101	6686	29444	0.49961	0.03139	0.00051	0.024654
	STRING	21	1243001	3637	7741	0.52042	0.02659	-0.00031	0.005741
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	20	1243869	3638	6873	0.51209	0.01033	-2e-05	0.005467
	ChIP-Seq	73	1221202	3585	29540	0.49937	0.03136	-0.0013	0.019956
	STRING	23	1242950	3688	7739	0.52045	0.02651	1e-05	0.006198
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	24	1243820	3687	6869	0.51231	0.01033	0.00072	0.006467
	ChIP-Seq	104	1221180	3607	29509	0.49953	0.0314	0.00159	0.028025
	STRING	21	1242827	3811	7741	0.52045	0.02649	-0.0005	0.00548
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	22	1243697	3810	6871	0.51231	0.01032	0.00018	0.005741
	ChIP-Seq	92	1221047	3740	29521	0.4996	0.03141	0.00015	0.024008
	STRING	21	1242756	3882	7741	0.52025	0.0264	-0.00057	0.00538
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	24	1243628	3879	6869	0.5123	0.01029	0.00049	0.006149
	ChIP-Seq	86	1220970	3817	29527	0.49951	0.03139	-0.00058	0.022034

Tabela 19: Tabular results for mHSC-E problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	82	492955	1290	1289	0.52672	0.08131	0.05718	0.059767
PIDC	NonSpecific	53	492818	1373	1372	0.51666	0.03963	0.0344	0.037167
	ChIP-Seq	205	472706	11353	11352	0.49727	0.022	-0.00571	0.017737
	STRING	53	492927	1318	1318	0.53013	0.06921	0.03599	0.038658
GENIE3	NonSpecific	44	492810	1381	1381	0.5209	0.03185	0.02808	0.030877
	ChIP-Seq	35	472534	11525	11522	0.49055	0.01834	-0.02078	0.003028
	STRING	55	492929	1316	1316	0.53231	0.07056	0.03745	0.040117
GRNBOOST2	NonSpecific	43	492809	1382	1382	0.52119	0.03257	0.02738	0.030175
	ChIP-Seq	72	472574	11485	11485	0.48842	0.01803	-0.0175	0.00623
	STRING	0	492877	1368	1371	0.53171	0	-0.00277	0.0
SINCERITIES	NonSpecific	1	492771	1420	1424	0.52014	0.02595	-0.00217	0.000702
	ChIP-Seq	175	472746	11313	11382	0.48485	0.01877	-0.00825	0.015142
	STRING	12	492885	1360	1359	0.53156	0.04982	0.006	0.008746
PPCOR	NonSpecific	8	492773	1418	1417	0.51941	0.01957	0.00274	0.00561
	ChIP-Seq	146	477103	6956	11411	0.48454	0.01918	-0.00221	0.020558
	STRING	25	484868	9377	1346	0.53163	0.0456	-0.00028	0.002659
CGP-DSSPD-NR5-EXE1	NonSpecific	24	484813	9378	1401	0.5208	0.01852	-0.00084	0.002553
	ChIP-Seq	235	474892	9167	11322	0.48545	0.02021	0.00154	0.024995
	STRING	32	481231	13014	1339	0.53158	0.04231	-0.00098	0.002453
CGP-DSSPD-NR5-EXE2	NonSpecific	43	481188	13003	1382	0.52107	0.01731	0.00129	0.003296
	ChIP-Seq	355	471368	12691	11202	0.48768	0.02123	0.00424	0.027211
	STRING	18	485015	9230	1353	0.53114	0.04009	-0.00215	0.001946
CGP-DSSPD-NR5-EXE3	NonSpecific	25	484968	9223	1400	0.5204	0.0162	-0.00044	0.002703
	ChIP-Seq	215	475026	9033	11342	0.48791	0.02151	-6e-05	0.023248
	STRING	39	483524	10721	1332	0.53113	0.03848	0.00243	0.003625
CGP-DSSPD-NR5-EXE4	NonSpecific	36	483467	10724	1389	0.52109	0.01574	0.00131	0.003346
	ChIP-Seq	240	473539	10520	11317	0.48718	0.02158	-0.001	0.022305
	STRING	32	482248	11997	1339	0.53031	0.03672	-0.00032	0.00266
CGP-DSSPD-NR5-EXE5	NonSpecific	30	482192	11999	1395	0.52083	0.01516	-0.00112	0.002494
	ChIP-Seq	265	472295	11764	11292	0.48683	0.02168	-0.00135	0.02203
	STRING	2	491451	2794	1369	0.5296	0.03501	-0.00294	0.000715
CGP-DSSPD-NR10-EXE1	NonSpecific	7	491402	2789	1418	0.52065	0.01472	-0.00052	0.002504
	ChIP-Seq	112	478804	5255	11445	0.48603	0.02165	-0.0017	0.020868
	STRING	3	491502	2743	1368	0.52917	0.034	-0.00238	0.001092
CGP-DSSPD-NR10-EXE2	NonSpecific	6	491451	2740	1419	0.52042	0.01433	-0.00096	0.002185
	ChIP-Seq	158	478683	5376	11399	0.48747	0.022	0.00368	0.028551
	STRING	4	491613	2632	1367	0.52911	0.03325	-0.00174	0.001517
CGP-DSSPD-NR10-EXE3	NonSpecific	8	491563	2628	1417	0.51993	0.01396	0.00022	0.003035
	ChIP-Seq	120	478942	5117	11437	0.48765	0.02209	-0.00028	0.022914
	STRING	8	491742	2503	1363	0.52927	0.0326	0.00057	0.003186
CGP-DSSPD-NR10-EXE4	NonSpecific	8	491688	2503	1417	0.52	0.01372	0.00041	0.003186
	ChIP-Seq	134	476423	7636	11423	0.48627	0.02201	-0.00508	0.017246
	STRING	7	491454	2791	1364	0.52814	0.03143	-0.00038	0.002502
CGP-DSSPD-NR10-EXE5	NonSpecific	8	491401	2790	1417	0.51978	0.01347	-2e-05	0.002859
	ChIP-Seq	178	475643	8416	11379	0.48547	0.02197	-0.00229	0.020712
	STRING	9	492846	1399	1362	0.52864	0.03165	0.00368	0.006392
CGP-KM-BKM-NR10-EXE1	NonSpecific	7	492743	1448	1418	0.52007	0.01334	0.00196	0.004811
	ChIP-Seq	90	478052	6007	11467	0.48317	0.02176	-0.00633	0.014761
	STRING	14	491570	2675	1357	0.52937	0.03164	0.00343	0.005206
CGP-KM-BKM-NR10-EXE2	NonSpecific	11	491513	2678	1414	0.51953	0.01308	0.00168	0.004091
	ChIP-Seq	61	481239	2820	11496	0.48347	0.02183	-0.00109	0.021173
	STRING	10	492218	2027	1361	0.52937	0.0314	0.00262	0.004909
CGP-KM-BKM-NR10-EXE3	NonSpecific	4	492158	2033	1421	0.51867	0.01284	-0.00109	0.001964
	ChIP-Seq	138	478162	5897	11419	0.48336	0.02185	-0.00033	0.022867
	STRING	8	492373	1872	1363	0.52932	0.03114	0.00175	0.004255
CGP-KM-BKM-NR10-EXE4	NonSpecific	9	492320	1871	1416	0.51954	0.0129	0.0022	0.004787
	ChIP-Seq	137	478776	5283	11420	0.48402	0.02197	0.00136	0.025277
	STRING	7	492242	2003	1364	0.52911	0.03077	0.00087	0.003483
CGP-KM-BKM-NR10-EXE5	NonSpecific	7	492188	2003	1418	0.51971	0.01282	0.00072	0.003483
	ChIP-Seq	171	476808	7251	11386	0.48362	0.02195	-0.00023	0.02304
	STRING	9	491959	2286	1362	0.529	0.03048	0.0015	0.003922
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	10	491906	2285	1415	0.5206	0.01289	0.00189	0.004357
	ChIP-Seq	86	479969	4090	11471	0.4835	0.02199	-0.00166	0.020594
	STRING	8	492516	1729	1363	0.53002	0.03062	0.00208	0.004606
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	6	492460	1731	1419	0.52044	0.01277	0.00064	0.003454
	ChIP-Seq	62	482220	1839	11495	0.48447	0.02212	0.00382	0.032614
	STRING	3	491930	2315	1368	0.52956	0.0302	-0.00192	0.001294
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	5	491878	2313	1420	0.521	0.0128	-0.00092	0.002157
	ChIP-Seq	64	478254	5805	11493	0.48254	0.022	-0.00901	0.010905
	STRING	2	491781	2464	1369	0.52844	0.02967	-0.00263	0.000811
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	8	491733	2458	1417	0.52054	0.01266	0.00049	0.003244
	ChIP-Seq	41	479805	4254	11516	0.48071	0.02185	-0.00853	0.009546
	STRING	5	491993	2252	1366	0.52851	0.02943	-0.00071	0.002215
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	4	491938	2253	1421	0.52052	0.01259	-0.00139	0.001772
	ChIP-Seq	53	478487	5572	11504	0.47817	0.02164	-0.00987	0.009422

Tabela 20: Tabular results for mHSC-GM problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	53	397981	695	695	0.53288	0.11781	0.06911	0.070856
	NonSpecific	30	397970	712	712	0.51884	0.06319	0.03864	0.040431
	ChIP-Seq	101	384797	7263	7263	0.49754	0.01707	-0.00481	0.013715
GENIE3	STRING	54	397982	694	694	0.54231	0.10488	0.07045	0.072193
	NonSpecific	29	397969	713	713	0.52305	0.05572	0.0373	0.039084
	ChIP-Seq	73	384767	7293	7291	0.49524	0.01598	-0.00869	0.00991
GRNBOOST2	STRING	53	397981	695	695	0.54528	0.1047	0.06911	0.070856
	NonSpecific	31	397971	711	711	0.52492	0.05764	0.04	0.041779
	ChIP-Seq	111	384807	7253	7253	0.49587	0.01682	-0.00343	0.015073
SINCERITIES	STRING	0	397931	745	748	0.54497	0	-0.00187	0.0
	NonSpecific	0	397943	739	742	0.52445	0	-0.00186	0.0
	ChIP-Seq	91	384867	7193	7273	0.49285	0.01653	-0.00602	0.012357
PPCOR	STRING	0	397928	748	748	0.5426	0	-0.00188	0.0
	NonSpecific	0	397940	742	742	0.52272	0	-0.00186	0.0
	ChIP-Seq	65	386881	5179	7299	0.49084	0.01636	-0.00518	0.012395
CGP-DSSPD-NR5-EXE1	STRING	13	390798	7878	735	0.54354	0.07293	-0.00074	0.001647
	NonSpecific	14	390805	7877	728	0.52296	0.03145	-0.00028	0.001774
	ChIP-Seq	148	384317	7743	7216	0.49051	0.01688	0.00034	0.018756
CGP-DSSPD-NR5-EXE2	STRING	13	390981	7695	735	0.54447	0.06946	-0.0006	0.001687
	NonSpecific	13	390987	7695	729	0.52258	0.02872	-0.00056	0.001687
	ChIP-Seq	121	384473	7587	7243	0.48907	0.01697	-0.00286	0.015698
CGP-DSSPD-NR5-EXE3	STRING	15	390926	7750	733	0.54355	0.06571	0.00019	0.001932
	NonSpecific	14	390931	7751	728	0.5215	0.02635	-0.00018	0.001803
	ChIP-Seq	129	384424	7636	7235	0.48826	0.01711	-0.00191	0.016613
CGP-DSSPD-NR5-EXE4	STRING	5	391032	7644	743	0.5432	0.06276	-0.00394	0.000654
	NonSpecific	13	391046	7636	729	0.52188	0.02541	-0.00051	0.0017
	ChIP-Seq	120	384531	7529	7244	0.48688	0.01712	-0.00285	0.015688
CGP-DSSPD-NR5-EXE5	STRING	14	391053	7623	734	0.54305	0.06048	-0.00013	0.001833
	NonSpecific	13	391058	7624	729	0.52151	0.02428	-0.0005	0.001702
	ChIP-Seq	127	384550	7510	7237	0.48668	0.01728	-0.00187	0.01663
CGP-DSSPD-NR10-EXE1	STRING	5	397166	1510	743	0.54359	0.05944	0.00204	0.0033
	NonSpecific	2	397169	1513	740	0.52054	0.02314	-0.00077	0.00132
	ChIP-Seq	30	390514	1546	7334	0.48692	0.01737	0.00028	0.019036
CGP-DSSPD-NR10-EXE2	STRING	2	397144	1532	746	0.54342	0.05791	-0.00082	0.001304
	NonSpecific	2	397150	1532	740	0.52036	0.02259	-0.0008	0.001304
	ChIP-Seq	19	390408	1652	7345	0.48625	0.01731	-0.00341	0.01137
CGP-DSSPD-NR10-EXE3	STRING	2	397183	1493	746	0.54327	0.0567	-0.00076	0.001338
	NonSpecific	0	397187	1495	742	0.51961	0	-0.00264	0.0
	ChIP-Seq	22	390504	1556	7342	0.48598	0.01732	-0.0021	0.013942
CGP-DSSPD-NR10-EXE4	STRING	4	397099	1577	744	0.54435	0.05595	0.00096	0.00253
	NonSpecific	6	397107	1575	736	0.52008	0.02165	0.00284	0.003795
	ChIP-Seq	11	390363	1697	7353	0.48466	0.01717	-0.00584	0.00644
CGP-DSSPD-NR10-EXE5	STRING	0	397129	1547	748	0.54351	0	-0.0027	0.0
	NonSpecific	1	397136	1546	741	0.51983	0.0213	-0.00175	0.000646
	ChIP-Seq	35	390482	1578	7329	0.48538	0.01731	0.00154	0.021699
CGP-KM-BKM-NR10-EXE1	STRING	3	397456	1220	745	0.54397	0.05344	0.00074	0.002453
	NonSpecific	1	397460	1222	741	0.5195	0.021	-0.00134	0.000818
	ChIP-Seq	62	386919	5141	7302	0.48377	0.01723	-0.00557	0.011916
CGP-KM-BKM-NR10-EXE2	STRING	8	397495	1181	740	0.54482	0.05348	0.00614	0.006728
	NonSpecific	6	397499	1183	736	0.52105	0.02144	0.00405	0.005046
	ChIP-Seq	48	386586	5474	7316	0.48114	0.01705	-0.00858	0.008693
CGP-KM-BKM-NR10-EXE3	STRING	3	397922	754	745	0.54507	0.05326	0.00211	0.003963
	NonSpecific	0	397925	757	742	0.52048	0	-0.00188	0.0
	ChIP-Seq	50	386713	5347	7314	0.47827	0.01684	-0.00798	0.009264
CGP-KM-BKM-NR10-EXE4	STRING	6	397645	1031	742	0.54663	0.05257	0.00462	0.005786
	NonSpecific	3	397648	1034	739	0.52195	0.02178	0.00123	0.002893
	ChIP-Seq	49	387472	4588	7315	0.47721	0.01682	-0.00634	0.010567
CGP-KM-BKM-NR10-EXE5	STRING	3	397880	796	745	0.54624	0.05151	0.00195	0.003755
	NonSpecific	4	397887	795	738	0.52295	0.02146	0.00327	0.005006
	ChIP-Seq	120	386709	5351	7244	0.47822	0.01702	0.00306	0.021934
CGP-KM-DSSPD-NR10-EXE1	STRING	4	397145	1531	744	0.54614	0.05099	0.00105	0.002606
	NonSpecific	2	397149	1533	740	0.52278	0.02131	-0.0008	0.001303
	ChIP-Seq	41	390205	1855	7323	0.47892	0.01713	0.00164	0.021624
CGP-KM-DSSPD-NR10-EXE2	STRING	2	397140	1536	746	0.54521	0.04986	-0.00082	0.0013
	NonSpecific	3	397147	1535	739	0.52263	0.02113	0.00013	0.001951
	ChIP-Seq	42	390256	1804	7322	0.47956	0.01722	0.00219	0.022752
CGP-KM-DSSPD-NR10-EXE3	STRING	3	397254	1422	745	0.5452	0.0495	0.00032	0.002105
	NonSpecific	4	397261	1421	738	0.52313	0.02119	0.00132	0.002807
	ChIP-Seq	41	390332	1728	7323	0.47999	0.01728	0.00235	0.023177
CGP-KM-DSSPD-NR10-EXE4	STRING	6	397233	1443	742	0.54569	0.04913	0.00316	0.004141
	NonSpecific	6	397239	1443	736	0.52366	0.0211	0.0032	0.004141
	ChIP-Seq	28	390272	1788	7336	0.47955	0.01725	-0.00152	0.015419
CGP-KM-DSSPD-NR10-EXE5	STRING	6	397116	1560	742	0.54766	0.04949	0.00284	0.003831
	NonSpecific	6	397122	1560	736	0.52484	0.02138	0.00288	0.003831
	ChIP-Seq	20	390225	1835	7344	0.47875	0.01718	-0.00389	0.010782

Tabela 21: Tabular results for mHSC-L problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	21	313346	117	116	0.57191	0.17915	0.15236	0.152174
PIDC	NonSpecific	17	313058	263	262	0.5288	0.08684	0.05998	0.060714
	ChIP-Seq	47	304851	4351	4351	0.49826	0.01399	-0.00338	0.010687
	STRING	13	313339	124	124	0.57506	0.18336	0.09449	0.094891
GENIE3	NonSpecific	8	313050	271	271	0.52841	0.07612	0.02781	0.028674
	ChIP-Seq	57	304860	4342	4341	0.49777	0.01432	-0.00108	0.012957
	STRING	9	313335	128	128	0.57493	0.17616	0.06528	0.065693
GRNBOOST2	NonSpecific	8	313050	271	271	0.53002	0.07443	0.02781	0.028674
	ChIP-Seq	63	304867	4335	4335	0.49835	0.0149	0.0003	0.014325
	STRING	0	313352	111	137	0.57493	0	-0.00039	0.0
SINCERITIES	NonSpecific	0	313076	245	279	0.52947	0	-0.00083	0.0
	ChIP-Seq	30	305167	4035	4368	0.49492	0.01385	-0.00647	0.006821
	STRING	0	312903	560	137	0.57314	0	-0.00088	0.0
PPCOR	NonSpecific	0	312761	560	279	0.52793	0	-0.00126	0.0
	ChIP-Seq	42	305012	4190	4356	0.49279	0.01367	-0.00408	0.009924
	STRING	4	306634	6829	133	0.57288	0.14635	0.00106	0.000585
CGP-DSSPD-NR5-EXE1	NonSpecific	6	306494	6827	273	0.52752	0.0438	-6e-05	0.000878
	ChIP-Seq	99	302468	6734	4299	0.49473	0.01459	0.00059	0.014489
	STRING	3	306833	6630	134	0.57632	0.14852	0.00011	0.000452
CGP-DSSPD-NR5-EXE2	NonSpecific	7	306695	6626	272	0.52709	0.04145	0.00082	0.001055
	ChIP-Seq	75	302644	6558	4323	0.49352	0.01454	-0.0034	0.011307
	STRING	2	306784	6679	135	0.5759	0.14424	-0.00097	0.000299
CGP-DSSPD-NR5-EXE3	NonSpecific	7	306647	6674	272	0.52665	0.03943	0.00078	0.001048
	ChIP-Seq	65	302586	6616	4333	0.4915	0.01435	-0.00539	0.009729
	STRING	4	306481	6982	133	0.57582	0.14339	0.00098	0.000573
CGP-DSSPD-NR5-EXE4	NonSpecific	14	306349	6972	265	0.52625	0.03777	0.00564	0.002004
	ChIP-Seq	80	302296	6906	4318	0.49044	0.01436	-0.0033	0.011451
	STRING	3	306520	6943	134	0.57556	0.14092	-4e-05	0.000432
CGP-DSSPD-NR5-EXE5	NonSpecific	5	306380	6941	274	0.52596	0.03673	-0.00086	0.00072
	ChIP-Seq	107	302363	6839	4291	0.49128	0.01461	0.00177	0.015405
	STRING	0	312195	1268	137	0.57539	0	-0.00133	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	2	312055	1266	277	0.52558	0.0355	0.00147	0.001577
	ChIP-Seq	20	307853	1349	4378	0.49153	0.0147	0.00033	0.014609
	STRING	1	312149	1314	136	0.57539	0.13933	0.00101	0.00076
CGP-DSSPD-NR10-EXE2	NonSpecific	1	312007	1314	278	0.52516	0.03426	-0.00028	0.00076
	ChIP-Seq	25	307860	1342	4373	0.49228	0.01486	0.0024	0.018288
	STRING	0	312204	1259	137	0.57539	0	-0.00133	0.0
CGP-DSSPD-NR10-EXE3	NonSpecific	0	312062	1259	279	0.52477	0	-0.00189	0.0
	ChIP-Seq	20	307904	1298	4378	0.49263	0.01494	0.00064	0.015175
	STRING	3	312176	1287	134	0.5753	0.13856	0.00581	0.002326
CGP-DSSPD-NR10-EXE4	NonSpecific	4	312035	1286	275	0.5261	0.03338	0.00477	0.003101
	ChIP-Seq	6	307876	1326	4392	0.49123	0.01477	-0.00529	0.004505
	STRING	2	312053	1410	135	0.57487	0.1349	0.00315	0.001416
CGP-DSSPD-NR10-EXE5	NonSpecific	3	311912	1409	276	0.52563	0.03233	0.00279	0.002125
	ChIP-Seq	15	307716	1486	4383	0.49068	0.01473	-0.00238	0.009993
	STRING	3	312548	915	134	0.5747	0.13351	0.00734	0.003268
CGP-KM-BKM-NR10-EXE1	NonSpecific	2	312405	916	277	0.52529	0.03166	0.00234	0.002179
	ChIP-Seq	46	303870	5332	4352	0.48812	0.01453	-0.00615	0.008553
	STRING	1	312419	1044	136	0.57461	0.13284	0.00144	0.000957
CGP-KM-BKM-NR10-EXE2	NonSpecific	1	312277	1044	278	0.52517	0.03143	0.00013	0.000957
	ChIP-Seq	54	306114	3088	4344	0.48968	0.0148	0.0027	0.017187
	STRING	2	312416	1047	135	0.57461	0.13284	0.00407	0.001907
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	312273	1048	278	0.52508	0.03127	0.00012	0.000953
	ChIP-Seq	41	306010	3192	4357	0.4896	0.01484	-0.00117	0.012682
	STRING	2	312495	968	135	0.57461	0.13284	0.00433	0.002062
CGP-KM-BKM-NR10-EXE4	NonSpecific	1	312352	969	278	0.52505	0.03121	0.00026	0.001031
	ChIP-Seq	57	305095	4107	4341	0.49041	0.01501	-0.00033	0.013689
	STRING	2	312392	1071	135	0.57461	0.13284	0.004	0.001864
CGP-KM-BKM-NR10-EXE5	NonSpecific	2	312250	1071	277	0.52496	0.03106	0.00192	0.001864
	ChIP-Seq	43	305574	3628	4355	0.49008	0.01505	-0.00214	0.011713
	STRING	2	312164	1299	135	0.57825	0.13679	0.0034	0.001537
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	4	312024	1297	275	0.5264	0.03148	0.00473	0.003075
	ChIP-Seq	24	307797	1405	4374	0.49084	0.01514	0.00159	0.016795
	STRING	0	312203	1260	137	0.57808	0	-0.00133	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	312061	1260	279	0.52606	0	-0.00189	0.0
	ChIP-Seq	18	307842	1360	4380	0.49108	0.01518	-0.00054	0.013062
	STRING	1	312214	1249	136	0.57791	0.13412	0.0011	0.0008
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	4	312075	1246	275	0.52733	0.03106	0.0049	0.0032
	ChIP-Seq	20	307800	1402	4378	0.49102	0.01518	2e-05	0.014065
	STRING	0	312233	1230	137	0.57782	0	-0.00131	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	312091	1230	279	0.52699	0	-0.00187	0.0
	ChIP-Seq	18	307848	1354	4380	0.49069	0.01515	-0.00051	0.01312
	STRING	1	312229	1234	136	0.57765	0.13222	0.00112	0.00081
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	3	312089	1232	276	0.52663	0.03005	0.00325	0.002429
	ChIP-Seq	32	307849	1353	4366	0.49243	0.01533	0.00514	0.023105

2.2 Considering Self-Loop

Tabela 22: Tabular results for hESC problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	126	819725	4118	4131	0.51209	0.04986	0.02464	0.029591
PIDC	NonSpecific	41	821273	3391	3395	0.5043	0.01354	0.00783	0.011912
	ChIP-Seq	20	819062	4512	4506	0.50005	0.0069	-0.00106	0.004399
	STRING	46	819636	4207	4211	0.51365	0.04455	0.0057	0.010806
GENIE3	NonSpecific	19	821246	3418	3417	0.50447	0.0105	0.00138	0.005522
	ChIP-Seq	39	819072	4502	4487	0.50165	0.00827	0.00314	0.008579
	STRING	75	819675	4168	4182	0.51462	0.04232	0.01258	0.017618
GRNBOOST2	NonSpecific	20	821251	3413	3416	0.50421	0.00951	0.00168	0.005812
	ChIP-Seq	36	819081	4493	4490	0.50263	0.00879	0.0025	0.007921
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	6	816919	6924	4251	0.51406	0.03654	-0.00549	0.000851
CGP-DSSPD-NR5-EXE1	NonSpecific	3	817737	6927	3433	0.50266	0.0075	-0.00531	0.000426
	ChIP-Seq	16	816660	6914	4510	0.50116	0.0074	-0.00393	0.00227
	STRING	3	815912	7931	4254	0.51308	0.03237	-0.00655	0.000371
CGP-DSSPD-NR5-EXE2	NonSpecific	2	816732	7932	3434	0.50128	0.00656	-0.00596	0.000248
	ChIP-Seq	14	815654	7920	4512	0.4998	0.00678	-0.00494	0.001733
	STRING	9	817148	6695	4248	0.51243	0.0297	-0.0048	0.001312
CGP-DSSPD-NR5-EXE3	NonSpecific	2	817962	6702	3434	0.4999	0.00597	-0.00541	0.000292
	ChIP-Seq	11	816881	6693	4515	0.49823	0.00634	-0.00469	0.001604
	STRING	4	817575	6268	4253	0.51162	0.02762	-0.0055	0.000625
CGP-DSSPD-NR5-EXE4	NonSpecific	1	818393	6271	3435	0.49842	0.00554	-0.00542	0.000156
	ChIP-Seq	13	817315	6259	4513	0.49715	0.00616	-0.00402	0.00203
	STRING	2	817076	6767	4255	0.51064	0.0259	-0.00615	0.00029
CGP-DSSPD-NR5-EXE5	NonSpecific	2	817897	6767	3434	0.4972	0.00528	-0.00544	0.00029
	ChIP-Seq	17	816822	6752	4509	0.49642	0.00609	-0.00364	0.002464
	STRING	0	822423	1420	4257	0.51034	0	-0.00298	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	0	823244	1420	3436	0.49662	0	-0.00267	0.0
	ChIP-Seq	2	822156	1418	4524	0.496	0.00603	-0.00228	0.001381
	STRING	3	822400	1443	4254	0.51016	0.02505	-0.00179	0.002052
CGP-DSSPD-NR10-EXE2	NonSpecific	1	823219	1445	3435	0.49598	0.00505	-0.00225	0.000684
	ChIP-Seq	10	822138	1436	4516	0.49634	0.00613	0.00082	0.00684
	STRING	2	822539	1304	4255	0.51007	0.02477	-0.00201	0.001508
CGP-DSSPD-NR10-EXE3	NonSpecific	0	823358	1306	3436	0.49543	0	-0.00257	0.0
	ChIP-Seq	4	822272	1302	4522	0.49599	0.00609	-0.00129	0.003017
	STRING	6	820219	3624	4251	0.50991	0.02417	-0.00324	0.001614
CGP-DSSPD-NR10-EXE4	NonSpecific	1	821035	3629	3435	0.49411	0.00481	-0.004	0.000269
	ChIP-Seq	10	819954	3620	4516	0.49526	0.00603	-0.00244	0.00269
	STRING	2	822523	1320	4255	0.50976	0.02394	-0.00203	0.001463
CGP-DSSPD-NR10-EXE5	NonSpecific	0	823342	1322	3436	0.4936	0	-0.00258	0.0
	ChIP-Seq	5	822257	1317	4521	0.49503	0.00601	-0.00091	0.003658
	STRING	2	818686	5157	4255	0.50884	0.02295	-0.00526	0.000382
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	819505	5159	3436	0.49208	0	-0.00511	0.0
	ChIP-Seq	13	818427	5147	4514	0.49375	0.00591	-0.00316	0.002481
	STRING	1	821678	2165	4256	0.50839	0.02253	-0.00335	0.000455
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	822498	2166	3436	0.49128	0	-0.00331	0.0
	ChIP-Seq	13	821420	2154	4514	0.49365	0.00592	0.00037	0.00592
	STRING	2	818741	5102	4255	0.50768	0.02187	-0.00523	0.000385
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	819560	5104	3436	0.49007	0	-0.00508	0.0
	ChIP-Seq	12	818482	5092	4514	0.49253	0.00584	-0.00333	0.002312
	STRING	3	819309	4534	4254	0.50721	0.02147	-0.00465	0.00065
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	821040	3624	3436	0.4888	0	-0.00428	0.0
	ChIP-Seq	20	819057	4517	4506	0.49194	0.00582	-0.00106	0.004332
	STRING	2	820265	3578	4255	0.5065	0.02098	-0.00422	0.000551
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	821084	3580	3436	0.48759	0	-0.00425	0.0
	ChIP-Seq	8	820002	3572	4518	0.49114	0.00577	-0.00289	0.002206
	STRING	0	822426	1417	4257	0.50624	0	-0.00298	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	823247	1417	3436	0.48707	0	-0.00267	0.0
	ChIP-Seq	6	822163	1411	4520	0.49083	0.00576	-0.00069	0.004065
	STRING	0	822402	1441	4257	0.50596	0	-0.003	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	823224	1440	3435	0.48669	0.00424	-0.00224	0.000678
	ChIP-Seq	6	822139	1435	4520	0.49052	0.00574	-0.00074	0.004068
	STRING	0	822376	1467	4257	0.50572	0	-0.00303	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	823197	1467	3436	0.48615	0	-0.00272	0.0
	ChIP-Seq	4	822111	1463	4522	0.49021	0.00573	-0.00156	0.002656
	STRING	0	822424	1419	4257	0.5055	0	-0.00298	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	823245	1419	3436	0.48571	0	-0.00267	0.0
	ChIP-Seq	6	822161	1413	4520	0.48993	0.00571	-0.00069	0.004112
	STRING	1	822239	1604	4256	0.50537	0.02028	-0.00278	0.00061
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	823059	1605	3436	0.48518	0	-0.00284	0.0
	ChIP-Seq	3	821972	1602	4523	0.48946	0.00568	-0.00215	0.001829

Tabela 23: Tabular results for hHep problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	281	884005	7177	7241	0.51369	0.04093	0.02943	0.037347
PIDC	NonSpecific	52	890548	4038	4066	0.50407	0.01135	0.00814	0.012591
	ChIP-Seq	152	879163	9698	9691	0.50254	0.01609	0.00453	0.015292
	STRING	132	883799	7383	7390	0.51309	0.03288	0.00927	0.017546
GENIE3	NonSpecific	25	890484	4102	4093	0.50381	0.00905	0.00148	0.006055
	ChIP-Seq	71	879005	9856	9772	0.50034	0.01322	-0.00386	0.007141
	STRING	134	883838	7344	7388	0.51397	0.03118	0.0096	0.017812
GRNBOOST2	NonSpecific	28	890501	4085	4090	0.5037	0.00846	0.00223	0.006781
	ChIP-Seq	78	879072	9789	9765	0.49999	0.01286	-0.00309	0.007848
	STRING	66	883873	7309	7456	0.51444	0.02759	0.00058	0.008773
SINCERITIES	NonSpecific	14	890541	4045	4104	0.5033	0.0075	-0.00113	0.003391
	ChIP-Seq	158	879282	9579	9687	0.50272	0.01404	0.0053	0.015897
	STRING	0	890242	940	7522	0.51368	0	-0.00297	0.0
PPCOR	NonSpecific	0	893646	940	4118	0.5027	0	-0.00219	0.0
	ChIP-Seq	0	887921	940	9843	0.50215	0	-0.00341	0.0
	STRING	136	876556	14626	7386	0.51364	0.02475	0.0012	0.009078
CGP-DSSPD-NR5-EXE1	NonSpecific	71	879895	14691	4047	0.50341	0.00709	0.00044	0.004739
	ChIP-Seq	161	874259	14602	9683	0.50261	0.01367	-6e-05	0.010747
	STRING	133	876358	14824	7389	0.51361	0.02363	0.00075	0.008762
CGP-DSSPD-NR5-EXE2	NonSpecific	76	879705	14881	4042	0.50325	0.00686	0.00096	0.005007
	ChIP-Seq	174	874076	14785	9671	0.5028	0.01356	0.00085	0.011463
	STRING	122	876902	14280	7400	0.51345	0.02287	0.00014	0.008346
CGP-DSSPD-NR5-EXE3	NonSpecific	42	880226	14360	4076	0.50303	0.00669	-0.00315	0.002873
	ChIP-Seq	182	874640	14221	9662	0.50334	0.01356	0.00206	0.012451
	STRING	130	876217	14965	7392	0.51378	0.02248	0.00035	0.008486
CGP-DSSPD-NR5-EXE4	NonSpecific	60	879550	15036	4059	0.50276	0.00656	-0.00118	0.003917
	ChIP-Seq	139	873904	14957	9705	0.50231	0.01327	-0.00219	0.009074
	STRING	117	876255	14927	7405	0.51313	0.02193	-0.00085	0.007674
CGP-DSSPD-NR5-EXE5	NonSpecific	77	879618	14968	4042	0.50263	0.00648	0.00103	0.00505
	ChIP-Seq	172	873988	14873	9672	0.50264	0.01328	0.0006	0.011281
	STRING	84	882170	9012	7438	0.51365	0.02175	0.00096	0.009078
CGP-DSSPD-NR10-EXE1	NonSpecific	46	885535	9051	4073	0.5025	0.00642	0.00071	0.004971
	ChIP-Seq	123	877080	11781	9722	0.50255	0.01324	-0.00069	0.010174
	STRING	56	884996	6186	7466	0.51364	0.02146	0.00055	0.008859
CGP-DSSPD-NR10-EXE2	NonSpecific	28	888415	6171	4090	0.50225	0.00635	-8e-05	0.004461
	ChIP-Seq	97	882715	6146	9747	0.50386	0.01342	0.00368	0.015346
	STRING	83	882534	8648	7439	0.514	0.02127	0.00124	0.009342
CGP-DSSPD-NR10-EXE3	NonSpecific	35	888675	5911	4083	0.50293	0.00641	0.00158	0.005786
	ChIP-Seq	92	880221	8640	9752	0.50329	0.0133	-0.0004	0.010355
	STRING	84	882175	9007	7438	0.51418	0.02113	0.00097	0.009091
CGP-DSSPD-NR10-EXE4	NonSpecific	29	888506	6080	4089	0.50358	0.00647	0.0002	0.004677
	ChIP-Seq	91	876951	11910	9754	0.50248	0.01318	-0.00377	0.007477
	STRING	50	885406	5776	7472	0.51405	0.02097	0.00019	0.00845
CGP-DSSPD-NR10-EXE5	NonSpecific	37	888797	5789	4081	0.50458	0.00656	0.00212	0.006253
	ChIP-Seq	83	883118	5743	9760	0.5031	0.01324	0.00256	0.014027
	STRING	131	881794	9388	7391	0.5159	0.02112	0.00612	0.013572
CGP-KM-BKM-NR10-EXE1	NonSpecific	11	890106	4480	4107	0.50361	0.00642	-0.00224	0.002416
	ChIP-Seq	146	879488	9373	9697	0.50485	0.01338	0.00436	0.015126
	STRING	95	882789	8393	7427	0.51754	0.02139	0.00302	0.010923
CGP-KM-BKM-NR10-EXE2	NonSpecific	34	889253	5333	4084	0.50537	0.00662	0.00201	0.00621
	ChIP-Seq	46	880419	8442	9797	0.50302	0.01317	-0.00519	0.005289
	STRING	96	883876	7306	7426	0.51857	0.02141	0.0046	0.012761
CGP-KM-BKM-NR10-EXE3	NonSpecific	9	889367	5219	4109	0.50449	0.00651	-0.00324	0.001683
	ChIP-Seq	90	877558	11303	9753	0.50176	0.01301	-0.00332	0.007754
	STRING	81	883656	7526	7441	0.51951	0.02146	0.00231	0.010441
CGP-KM-BKM-NR10-EXE4	NonSpecific	33	887012	7574	4085	0.50609	0.00665	-0.00033	0.004254
	ChIP-Seq	102	877969	10892	9742	0.50098	0.01292	-0.00179	0.00908
	STRING	108	880289	10893	7414	0.51985	0.02141	0.00177	0.009648
CGP-KM-BKM-NR10-EXE5	NonSpecific	33	888473	6113	4085	0.50683	0.00668	0.00097	0.005307
	ChIP-Seq	105	877965	10896	9738	0.50031	0.01285	-0.00151	0.00938
	STRING	109	883703	7479	7413	0.52106	0.02149	0.00607	0.014119
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	39	889636	4950	4079	0.50645	0.0066	0.00358	0.007706
	ChIP-Seq	124	881397	7464	9719	0.50155	0.01294	0.00478	0.016062
	STRING	122	882621	8561	7400	0.52257	0.0216	0.00616	0.01377
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	28	889327	5259	4090	0.50683	0.0066	0.00081	0.005176
	ChIP-Seq	109	880287	8574	9734	0.50189	0.01294	0.00152	0.012302
	STRING	135	881882	9300	7387	0.52429	0.02173	0.00671	0.014127
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	17	889163	5423	4101	0.50647	0.00655	-0.00168	0.003084
	ChIP-Seq	104	879529	9332	9740	0.50091	0.01283	7e-05	0.010883
	STRING	54	887475	3707	7468	0.52476	0.02169	0.00426	0.014263
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	41	890866	3720	4077	0.50871	0.00669	0.00607	0.010829
	ChIP-Seq	37	885137	3724	9806	0.50056	0.01279	-0.00069	0.009773
	STRING	91	885069	6113	7431	0.52616	0.02182	0.00576	0.014337
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	21	889257	5329	4097	0.50899	0.00669	-0.00075	0.003823
	ChIP-Seq	67	882723	6138	9777	0.50024	0.01276	-0.00013	0.010556

Tabela 24: Tabular results for mDC problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	141	664551	4675	4674	0.51004	0.04911	0.0223	0.029277
	NonSpecific	70	667976	2998	2997	0.50928	0.02524	0.01835	0.022816
	ChIP-Seq	2	672531	754	754	0.50067	0.00573	0.00153	0.002646
GENIE3	STRING	63	664474	4752	4752	0.5087	0.03522	0.00598	0.013084
	NonSpecific	30	667937	3037	3037	0.50937	0.01803	0.00526	0.009782
	ChIP-Seq	1	672529	756	755	0.50017	0.00405	0.0002	0.001321
GRNBOOST2	STRING	60	664471	4755	4755	0.50836	0.0311	0.00536	0.012461
	NonSpecific	19	667926	3048	3048	0.50888	0.0153	0.00165	0.006195
	ChIP-Seq	1	672530	755	755	0.49993	0.00367	0.0002	0.001323
SINCERITIES	STRING	36	664669	4557	4779	0.5085	0.02814	0.00068	0.007477
	NonSpecific	8	668069	2905	3059	0.50788	0.01204	-0.00177	0.002608
	ChIP-Seq	0	672568	717	756	0.49928	0	-0.00109	0.0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	97	654169	15057	4718	0.5078	0.02607	-0.00134	0.006401
	NonSpecific	50	655870	15104	3017	0.50728	0.01064	-0.00282	0.003299
	ChIP-Seq	12	658143	15142	744	0.49871	0.00284	-0.00149	0.000792
CGP-DSSPD-NR5-EXE2	STRING	108	653857	15369	4707	0.50856	0.02564	-0.0003	0.006978
	NonSpecific	69	655566	15408	2998	0.50886	0.01059	-0.00021	0.004458
	ChIP-Seq	12	657820	15465	744	0.49879	0.00306	-0.00159	0.000775
CGP-DSSPD-NR5-EXE3	STRING	102	653448	15778	4713	0.508	0.0248	-0.00133	0.006423
	NonSpecific	71	655165	15809	2996	0.50937	0.01028	-0.00018	0.004471
	ChIP-Seq	16	657421	15864	740	0.50016	0.00384	-0.00053	0.001008
CGP-DSSPD-NR5-EXE4	STRING	94	653207	16019	4721	0.50712	0.02406	-0.00243	0.005834
	NonSpecific	68	654929	16045	2999	0.50933	0.00996	-0.00077	0.00422
	ChIP-Seq	23	657195	16090	733	0.49962	0.0036	0.00143	0.001427
CGP-DSSPD-NR5-EXE5	STRING	104	653946	15280	4711	0.50686	0.02373	-0.00069	0.00676
	NonSpecific	60	655650	15324	3007	0.50915	0.0097	-0.00148	0.0039
	ChIP-Seq	14	657915	15370	742	0.49976	0.00367	-0.00097	0.00091
CGP-DSSPD-NR10-EXE1	STRING	20	666173	3053	4795	0.50667	0.02348	-0.00051	0.006508
	NonSpecific	18	667919	3055	3049	0.50981	0.00963	0.00131	0.005857
	ChIP-Seq	9	670304	2981	747	0.50063	0.00399	0.00377	0.00301
CGP-DSSPD-NR10-EXE2	STRING	19	666082	3144	4796	0.50634	0.02322	-0.00093	0.006007
	NonSpecific	25	667912	3062	3042	0.51145	0.00976	0.00358	0.008098
	ChIP-Seq	3	670201	3084	753	0.50085	0.00405	-0.0003	0.000972
CGP-DSSPD-NR10-EXE3	STRING	22	665937	3289	4793	0.50616	0.02307	-0.00042	0.006645
	NonSpecific	11	667811	3163	3056	0.51073	0.00946	-0.00111	0.003466
	ChIP-Seq	3	670114	3171	753	0.50031	0.00386	-0.00036	0.000945
CGP-DSSPD-NR10-EXE4	STRING	47	662997	6229	4768	0.50636	0.02301	0.0004	0.007489
	NonSpecific	14	667865	3109	3053	0.51033	0.00927	-7e-05	0.004483
	ChIP-Seq	4	670166	3119	752	0.4998	0.00371	0.00032	0.001281
CGP-DSSPD-NR10-EXE5	STRING	26	666261	2965	4789	0.5069	0.02313	0.00123	0.008693
	NonSpecific	7	667990	2984	3060	0.5094	0.00905	-0.00219	0.00234
	ChIP-Seq	4	670355	2930	752	0.49931	0.00359	0.00048	0.001363
CGP-KM-BKM-NR10-EXE1	STRING	170	663337	5889	4645	0.51827	0.02578	0.02365	0.028057
	NonSpecific	81	666701	4273	2986	0.51496	0.00967	0.01684	0.018604
	ChIP-Seq	2	671793	1492	754	0.50017	0.00381	0.00031	0.001339
CGP-KM-BKM-NR10-EXE2	STRING	145	662986	6240	4670	0.52516	0.02713	0.01808	0.022709
	NonSpecific	82	664671	6303	2985	0.51766	0.00996	0.01205	0.012843
	ChIP-Seq	0	672208	1077	756	0.49974	0	-0.00134	0.0
CGP-KM-BKM-NR10-EXE3	STRING	96	664472	4754	4719	0.52651	0.02693	0.01279	0.019794
	NonSpecific	65	666387	4587	3002	0.5199	0.01012	0.01167	0.013972
	ChIP-Seq	1	670901	2384	755	0.49988	0.00374	-0.00125	0.000419
CGP-KM-BKM-NR10-EXE4	STRING	121	663064	6162	4694	0.52697	0.02673	0.01395	0.019258
	NonSpecific	29	667100	3874	3038	0.51902	0.00995	0.00327	0.00743
	ChIP-Seq	0	670855	2430	756	0.49962	0	-0.00202	0.0
CGP-KM-BKM-NR10-EXE5	STRING	194	659588	9638	4621	0.52921	0.02687	0.01819	0.019731
	NonSpecific	169	661311	9663	2898	0.5208	0.01005	0.02285	0.017189
	ChIP-Seq	0	671748	1537	756	0.49948	0	-0.0016	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	31	666320	2906	4784	0.52959	0.02682	0.00268	0.010555
	NonSpecific	15	668052	2922	3052	0.5208	0.00998	0.00055	0.005107
	ChIP-Seq	1	670775	2510	755	0.4996	0.00369	-0.00132	0.000398
CGP-KM-DSSPD-NR10-EXE2	STRING	26	665054	4172	4789	0.53027	0.02682	-0.00089	0.006193
	NonSpecific	22	666798	4176	3045	0.52247	0.0101	0.00081	0.005241
	ChIP-Seq	0	672028	1257	756	0.49906	0	-0.00145	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	34	665154	4072	4781	0.53141	0.02694	0.00106	0.008281
	NonSpecific	23	666891	4083	3044	0.52381	0.01017	0.00122	0.005602
	ChIP-Seq	1	672043	1242	755	0.49929	0.00364	-0.00041	0.000805
CGP-KM-DSSPD-NR10-EXE4	STRING	24	666326	2900	4791	0.5318	0.02688	0.00083	0.008208
	NonSpecific	15	668065	2909	3052	0.52381	0.0101	0.00057	0.00513
	ChIP-Seq	1	670799	2486	755	0.49949	0.00368	-0.00131	0.000402
CGP-KM-DSSPD-NR10-EXE5	STRING	19	666633	2593	4796	0.5319	0.02682	0.0001	0.007274
	NonSpecific	13	668375	2599	3054	0.52362	0.01004	0.0004	0.004977
	ChIP-Seq	1	670980	2305	755	0.49957	0.0037	-0.0012	0.000434

Tabela 25: Tabular results for mESC problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	293	1239169	7469	7469	0.51591	0.06549	0.03176	0.037748
PIDC	NonSpecific	132	1240745	6762	6761	0.50724	0.02195	0.01373	0.019147
	ChIP-Seq	899	1196072	28715	28714	0.50315	0.035	0.00691	0.030357
	STRING	167	1239043	7595	7595	0.51759	0.05254	0.01542	0.021515
GENIE3	NonSpecific	96	1240709	6798	6797	0.50793	0.01649	0.00848	0.013925
	ChIP-Seq	1032	1196204	28583	28581	0.5051	0.03469	0.01151	0.034847
	STRING	195	1239071	7567	7567	0.51874	0.04986	0.01905	0.025122
GRNBOOST2	NonSpecific	103	1240717	6790	6790	0.50798	0.01534	0.0095	0.014943
	ChIP-Seq	1040	1196214	28573	28573	0.5065	0.0352	0.01179	0.03512
	STRING	93	1239066	7572	7669	0.5209	0.04142	0.00594	0.011981
SINCERITIES	NonSpecific	51	1240752	6755	6842	0.50845	0.01341	0.002	0.007399
	ChIP-Seq	696	1196476	28311	28917	0.50588	0.03381	0.00039	0.023503
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	129	1226350	20288	7633	0.52139	0.03754	0.00021	0.006318
CGP-DSSPD-NR5-EXE1	NonSpecific	121	1227211	20296	6772	0.50969	0.01292	0.00075	0.005926
	ChIP-Seq	526	1204896	19891	29087	0.50643	0.03364	0.00183	0.025763
	STRING	140	1226277	20361	7622	0.52176	0.03503	0.00105	0.006829
CGP-DSSPD-NR5-EXE2	NonSpecific	128	1227134	20373	6765	0.51081	0.01258	0.0013	0.006244
	ChIP-Seq	508	1204794	19993	29105	0.50662	0.03342	0.001	0.024779
	STRING	132	1226308	20330	7630	0.52163	0.03321	0.00043	0.006451
CGP-DSSPD-NR5-EXE3	NonSpecific	142	1227187	20320	6751	0.51109	0.01215	0.00252	0.00694
	ChIP-Seq	465	1204790	19997	29148	0.50638	0.03317	-0.00075	0.022725
	STRING	153	1226603	20035	7609	0.52193	0.03212	0.00227	0.007579
CGP-DSSPD-NR5-EXE4	NonSpecific	104	1227423	20084	6789	0.51139	0.01187	-0.00059	0.005152
	ChIP-Seq	497	1205096	19691	29116	0.50666	0.0331	0.00085	0.024619
	STRING	137	1225969	20669	7625	0.522	0.03127	0.00066	0.006585
CGP-DSSPD-NR5-EXE5	NonSpecific	115	1226816	20691	6778	0.51092	0.01151	6e-05	0.005527
	ChIP-Seq	465	1204446	20341	29148	0.50638	0.03294	-0.00108	0.022349
	STRING	80	1234358	12280	7682	0.52228	0.03046	0.00036	0.006472
CGP-DSSPD-NR10-EXE1	NonSpecific	55	1235202	12305	6838	0.51047	0.01115	-0.00141	0.00445
	ChIP-Seq	259	1212645	12142	29354	0.50593	0.03274	-0.00179	0.020885
	STRING	48	1238566	8072	7714	0.52235	0.02986	-0.00028	0.005911
CGP-DSSPD-NR10-EXE2	NonSpecific	49	1239436	8071	6844	0.51034	0.01093	0.00059	0.006034
	ChIP-Seq	404	1205125	19662	29209	0.50501	0.03249	-0.00292	0.020134
	STRING	55	1238339	8299	7707	0.52262	0.02934	0.00041	0.006584
CGP-DSSPD-NR10-EXE3	NonSpecific	58	1239211	8296	6835	0.51125	0.01093	0.0016	0.006943
	ChIP-Seq	185	1216618	8169	29428	0.50458	0.03235	-0.00079	0.022145
	STRING	41	1238269	8369	7721	0.52227	0.02875	-0.00137	0.004875
CGP-DSSPD-NR10-EXE4	NonSpecific	47	1239144	8363	6846	0.51133	0.01081	0.0001	0.005589
	ChIP-Seq	406	1208644	16143	29207	0.50471	0.03232	0.00071	0.024533
	STRING	73	1234475	12163	7689	0.52203	0.02829	-0.00028	0.005966
CGP-DSSPD-NR10-EXE5	NonSpecific	61	1235332	12175	6832	0.51106	0.01068	-0.00068	0.004985
	ChIP-Seq	266	1212817	11970	29347	0.50432	0.03222	-0.00122	0.021739
	STRING	44	1237378	9260	7718	0.52204	0.02809	-0.00161	0.004729
CGP-KM-BKM-NR10-EXE1	NonSpecific	35	1240583	6924	6858	0.51092	0.01056	-0.00047	0.005029
	ChIP-Seq	255	1206057	18730	29358	0.50202	0.03182	-0.00831	0.013432
	STRING	40	1235624	11014	7722	0.52086	0.02746	-0.00309	0.003619
CGP-KM-BKM-NR10-EXE2	NonSpecific	43	1236496	11011	6850	0.51003	0.01035	-0.00205	0.00389
	ChIP-Seq	358	1212872	11915	29255	0.50311	0.03201	0.00364	0.02917
	STRING	60	1235072	11566	7702	0.52135	0.02743	-0.00127	0.005161
CGP-KM-BKM-NR10-EXE3	NonSpecific	74	1235955	11552	6819	0.51059	0.01036	0.00114	0.006365
	ChIP-Seq	336	1210049	14738	29277	0.50305	0.03199	-0.00096	0.02229
	STRING	58	1235418	11220	7704	0.52092	0.0271	-0.00127	0.005143
CGP-KM-BKM-NR10-EXE4	NonSpecific	66	1236295	11212	6827	0.51109	0.01035	0.00046	0.005852
	ChIP-Seq	445	1201775	23012	29168	0.50146	0.03169	-0.00422	0.018971
	STRING	54	1237772	8866	7708	0.52165	0.02716	-0.00015	0.006054
CGP-KM-BKM-NR10-EXE5	NonSpecific	58	1238645	8862	6835	0.51181	0.0104	0.00115	0.006502
	ChIP-Seq	213	1211911	12876	29400	0.50025	0.0315	-0.00496	0.016273
	STRING	33	1239836	6802	7729	0.52114	0.02689	-0.00128	0.004828
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	49	1240721	6786	6844	0.51254	0.01043	0.00168	0.007169
	ChIP-Seq	169	1218121	6666	29444	0.50004	0.03147	0.00055	0.024726
	STRING	21	1243021	3617	7741	0.5211	0.02683	-0.00029	0.005772
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	20	1243889	3618	6873	0.51259	0.0104	0	0.005498
	ChIP-Seq	73	1221222	3565	29540	0.4998	0.03144	-0.00126	0.020066
	STRING	23	1242970	3668	7739	0.52113	0.02673	3e-05	0.006231
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	24	1243840	3667	6869	0.51281	0.0104	0.00074	0.006502
	ChIP-Seq	104	1221200	3587	29509	0.49995	0.03147	0.00163	0.028177
	STRING	21	1242843	3795	7741	0.52112	0.0267	-0.00048	0.005503
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	22	1243713	3794	6871	0.5128	0.01038	0.0002	0.005765
	ChIP-Seq	92	1221063	3724	29521	0.50002	0.03148	0.00018	0.024109
	STRING	21	1242775	3863	7741	0.52093	0.02659	-0.00056	0.005407
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	24	1243647	3860	6869	0.51279	0.01035	0.00052	0.006179
	ChIP-Seq	86	1220989	3798	29527	0.49993	0.03147	-0.00054	0.022142

Tabela 26: Tabular results for mHSC-E problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	82	492955	1290	1289	0.52672	0.08131	0.05718	0.059767
PIDC	NonSpecific	53	492818	1373	1372	0.51666	0.03963	0.0344	0.037167
	ChIP-Seq	205	472706	11353	11352	0.49727	0.022	-0.00571	0.017737
	STRING	53	492927	1318	1318	0.53013	0.06921	0.03599	0.038658
GENIE3	NonSpecific	44	492810	1381	1381	0.5209	0.03185	0.02808	0.030877
	ChIP-Seq	35	472534	11525	11522	0.49055	0.01834	-0.02078	0.003028
	STRING	55	492929	1316	1316	0.53231	0.07056	0.03745	0.040117
GRNBOOST2	NonSpecific	43	492809	1382	1382	0.52119	0.03257	0.02738	0.030175
	ChIP-Seq	72	472574	11485	11485	0.48842	0.01803	-0.0175	0.00623
	STRING	0	492877	1368	1371	0.53171	0	-0.00277	0.0
SINCERITIES	NonSpecific	1	492771	1420	1424	0.52014	0.02595	-0.00217	0.000702
	ChIP-Seq	175	472746	11313	11382	0.48485	0.01877	-0.00825	0.015142
	STRING	18	492891	1354	1353	0.53156	0.04982	0.01039	0.01312
PPCOR	NonSpecific	11	492776	1415	1414	0.51941	0.01957	0.00485	0.007714
	ChIP-Seq	146	477807	6252	11411	0.48454	0.01918	-0.00038	0.02282
	STRING	25	484884	9361	1346	0.53163	0.0456	-0.00027	0.002664
CGP-DSSPD-NR5-EXE1	NonSpecific	24	484829	9362	1401	0.5208	0.01852	-0.00083	0.002557
	ChIP-Seq	235	474908	9151	11322	0.48545	0.02021	0.00158	0.025037
	STRING	32	481260	12985	1339	0.53158	0.04231	-0.00096	0.002458
CGP-DSSPD-NR5-EXE2	NonSpecific	43	481217	12974	1382	0.52107	0.01731	0.00131	0.003303
	ChIP-Seq	355	471397	12662	11202	0.48768	0.02123	0.0043	0.027272
	STRING	18	485026	9219	1353	0.53114	0.04009	-0.00215	0.001949
CGP-DSSPD-NR5-EXE3	NonSpecific	25	484979	9212	1400	0.5204	0.0162	-0.00043	0.002707
	ChIP-Seq	215	475037	9022	11342	0.48791	0.02151	-4e-05	0.023276
	STRING	39	483540	10705	1332	0.53113	0.03848	0.00245	0.00363
CGP-DSSPD-NR5-EXE4	NonSpecific	36	483483	10708	1389	0.52109	0.01574	0.00132	0.003351
	ChIP-Seq	240	473555	10504	11317	0.48718	0.02158	-0.00097	0.022338
	STRING	32	482271	11974	1339	0.53031	0.03672	-0.0003	0.002665
CGP-DSSPD-NR5-EXE5	NonSpecific	30	482215	11976	1395	0.52083	0.01516	-0.00111	0.002499
	ChIP-Seq	265	472318	11741	11292	0.48683	0.02168	-0.0013	0.022072
	STRING	2	491452	2793	1369	0.5296	0.03501	-0.00294	0.000716
CGP-DSSPD-NR10-EXE1	NonSpecific	7	491403	2788	1418	0.52065	0.01472	-0.00052	0.002504
	ChIP-Seq	112	478813	5246	11445	0.48603	0.02165	-0.00167	0.020903
	STRING	3	491507	2738	1368	0.52917	0.034	-0.00237	0.001094
CGP-DSSPD-NR10-EXE2	NonSpecific	6	491456	2735	1419	0.52042	0.01433	-0.00096	0.002189
	ChIP-Seq	158	478695	5364	11399	0.48747	0.022	0.00372	0.028613
	STRING	4	491618	2627	1367	0.52911	0.03325	-0.00173	0.00152
CGP-DSSPD-NR10-EXE3	NonSpecific	8	491568	2623	1417	0.51993	0.01396	0.00023	0.003041
	ChIP-Seq	120	478951	5108	11437	0.48765	0.02209	-0.00025	0.022953
	STRING	8	491749	2496	1363	0.52927	0.0326	0.00058	0.003195
CGP-DSSPD-NR10-EXE4	NonSpecific	8	491695	2496	1417	0.52	0.01372	0.00042	0.003195
	ChIP-Seq	134	476444	7615	11423	0.48627	0.02201	-0.00503	0.017293
	STRING	7	491457	2788	1364	0.52814	0.03143	-0.00038	0.002504
CGP-DSSPD-NR10-EXE5	NonSpecific	8	491404	2787	1417	0.51978	0.01347	-2e-05	0.002862
	ChIP-Seq	178	475664	8395	11379	0.48547	0.02197	-0.00225	0.020763
	STRING	9	492849	1396	1362	0.52864	0.03165	0.00369	0.006406
CGP-KM-BKM-NR10-EXE1	NonSpecific	9	491435	2756	1416	0.52007	0.01334	0.00053	0.003255
	ChIP-Seq	90	478116	5943	11467	0.48317	0.02176	-0.00618	0.014918
	STRING	14	491634	2611	1357	0.52937	0.03164	0.00357	0.005333
CGP-KM-BKM-NR10-EXE2	NonSpecific	11	491577	2614	1414	0.51953	0.01308	0.00179	0.00419
	ChIP-Seq	61	481303	2756	11496	0.48347	0.02183	-0.00083	0.021654
	STRING	10	492267	1978	1361	0.52937	0.0314	0.00274	0.00503
CGP-KM-BKM-NR10-EXE3	NonSpecific	4	492207	1984	1421	0.51867	0.01284	-0.00102	0.002012
	ChIP-Seq	138	478234	5825	11419	0.48336	0.02185	-0.00013	0.023143
	STRING	8	492426	1819	1363	0.52932	0.03114	0.00187	0.004379
CGP-KM-BKM-NR10-EXE4	NonSpecific	9	492373	1818	1416	0.51954	0.0129	0.00233	0.004926
	ChIP-Seq	137	478858	5201	11420	0.48402	0.02197	0.00162	0.025665
	STRING	7	492298	1947	1364	0.52911	0.03077	0.00098	0.003582
CGP-KM-BKM-NR10-EXE5	NonSpecific	7	492244	1947	1418	0.51971	0.01282	0.00083	0.003582
	ChIP-Seq	171	476886	7173	11386	0.48362	0.02195	-3e-05	0.023284
	STRING	9	491960	2285	1362	0.529	0.03048	0.0015	0.003923
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	10	491907	2284	1415	0.5206	0.01289	0.00189	0.004359
	ChIP-Seq	86	479974	4085	11471	0.4835	0.02199	-0.00165	0.020619
	STRING	8	492524	1721	1363	0.53002	0.03062	0.0021	0.004627
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	6	492468	1723	1419	0.52044	0.01277	0.00066	0.00347
	ChIP-Seq	62	482228	1831	11495	0.48447	0.02212	0.00387	0.032752
	STRING	3	491935	2310	1368	0.52956	0.0302	-0.00192	0.001297
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	5	491883	2308	1420	0.521	0.0128	-0.00091	0.002162
	ChIP-Seq	64	478267	5792	11493	0.48254	0.022	-0.00898	0.010929
	STRING	2	491789	2456	1369	0.52844	0.02967	-0.00263	0.000814
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	8	491741	2450	1417	0.52054	0.01266	0.0005	0.003255
	ChIP-Seq	41	479817	4242	11516	0.48071	0.02185	-0.0085	0.009573
	STRING	5	491999	2246	1366	0.52851	0.02943	-0.0007	0.002221
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	4	491944	2247	1421	0.52052	0.01259	-0.00138	0.001777
	ChIP-Seq	53	478501	5558	11504	0.47817	0.02164	-0.00984	0.009446

Tabela 27: Tabular results for mHSC-GM problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	53	397981	695	695	0.53288	0.11781	0.06911	0.070856
PIDC	NonSpecific	30	397970	712	712	0.51884	0.06319	0.03864	0.040431
	ChIP-Seq	101	384797	7263	7263	0.49754	0.01707	-0.00481	0.013715
	STRING	54	397982	694	694	0.54231	0.10488	0.07045	0.072193
GENIE3	NonSpecific	29	397969	713	713	0.52305	0.05572	0.0373	0.039084
	ChIP-Seq	73	384767	7293	7291	0.49524	0.01598	-0.00869	0.00991
	STRING	53	397981	695	695	0.54528	0.1047	0.06911	0.070856
GRNBOOST2	NonSpecific	31	397971	711	711	0.52492	0.05764	0.04	0.041779
	ChIP-Seq	111	384807	7253	7253	0.49587	0.01682	-0.00343	0.015073
	STRING	0	397931	745	748	0.54497	0	-0.00187	0.0
SINCERITIES	NonSpecific	0	397943	739	742	0.52445	0	-0.00186	0.0
	ChIP-Seq	91	384867	7193	7273	0.49285	0.01653	-0.00602	0.012357
	STRING	1	397929	747	747	0.5426	0.07733	-0.00054	0.001337
PPCOR	NonSpecific	1	397941	741	741	0.52272	0.03512	-0.00051	0.001348
	ChIP-Seq	65	387513	4547	7299	0.49084	0.01636	-0.00349	0.014094
	STRING	13	390812	7864	735	0.54354	0.07293	-0.00073	0.00165
CGP-DSSPD-NR5-EXE1	NonSpecific	14	390819	7863	728	0.52296	0.03145	-0.00026	0.001777
	ChIP-Seq	148	384331	7729	7216	0.49051	0.01688	0.00037	0.018789
	STRING	13	390991	7685	735	0.54447	0.06946	-0.0006	0.001689
CGP-DSSPD-NR5-EXE2	NonSpecific	13	390997	7685	729	0.52258	0.02872	-0.00055	0.001689
	ChIP-Seq	121	384483	7577	7243	0.48907	0.01697	-0.00283	0.015718
	STRING	15	390937	7739	733	0.54355	0.06571	0.0002	0.001934
CGP-DSSPD-NR5-EXE3	NonSpecific	14	390942	7740	728	0.5215	0.02635	-0.00017	0.001806
	ChIP-Seq	129	384435	7625	7235	0.48826	0.01711	-0.00188	0.016637
	STRING	5	391037	7639	743	0.5432	0.06276	-0.00394	0.000654
CGP-DSSPD-NR5-EXE4	NonSpecific	13	391051	7631	729	0.52188	0.02541	-0.00051	0.001701
	ChIP-Seq	120	384536	7524	7244	0.48688	0.01712	-0.00284	0.015699
	STRING	14	391065	7611	734	0.54305	0.06048	-0.00012	0.001836
CGP-DSSPD-NR5-EXE5	NonSpecific	13	391070	7612	729	0.52151	0.02428	-0.00049	0.001705
	ChIP-Seq	127	384562	7498	7237	0.48668	0.01728	-0.00185	0.016656
	STRING	5	397167	1509	743	0.54359	0.05944	0.00204	0.003303
CGP-DSSPD-NR10-EXE1	NonSpecific	2	397170	1512	740	0.52054	0.02314	-0.00077	0.001321
	ChIP-Seq	30	390516	1544	7334	0.48692	0.01737	0.00029	0.01906
	STRING	2	397146	1530	746	0.54342	0.05791	-0.00081	0.001305
CGP-DSSPD-NR10-EXE2	NonSpecific	2	397152	1530	740	0.52036	0.02259	-0.0008	0.001305
	ChIP-Seq	19	390410	1650	7345	0.48625	0.01731	-0.0034	0.011384
	STRING	2	397184	1492	746	0.54327	0.0567	-0.00076	0.001339
CGP-DSSPD-NR10-EXE3	NonSpecific	0	397188	1494	742	0.51961	0	-0.00264	0.0
	ChIP-Seq	22	390505	1555	7342	0.48598	0.01732	-0.0021	0.013951
	STRING	4	397102	1574	744	0.54435	0.05595	0.00097	0.002535
CGP-DSSPD-NR10-EXE4	NonSpecific	6	397110	1572	736	0.52008	0.02165	0.00284	0.003802
	ChIP-Seq	11	390366	1694	7353	0.48466	0.01717	-0.00583	0.006452
	STRING	0	397129	1547	748	0.54351	0	-0.0027	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	1	397136	1546	741	0.51983	0.0213	-0.00175	0.000646
	ChIP-Seq	35	390482	1578	7329	0.48538	0.01731	0.00154	0.021699
	STRING	3	397488	1188	745	0.54397	0.05344	0.00082	0.002519
CGP-KM-BKM-NR10-EXE1	NonSpecific	1	397492	1190	741	0.5195	0.021	-0.00129	0.00084
	ChIP-Seq	62	386978	5082	7302	0.48377	0.01723	-0.00542	0.012053
	STRING	8	397528	1148	740	0.54482	0.05348	0.00629	0.00692
CGP-KM-BKM-NR10-EXE2	NonSpecific	6	397532	1150	736	0.52105	0.02144	0.00417	0.00519
	ChIP-Seq	48	386640	5420	7316	0.48114	0.01705	-0.00846	0.008778
	STRING	4	397875	801	744	0.54507	0.05326	0.00322	0.004969
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	397878	804	741	0.52048	0.02112	-0.00064	0.001242
	ChIP-Seq	50	386790	5270	7314	0.47827	0.01684	-0.00781	0.009398
	STRING	6	397687	989	742	0.54663	0.05257	0.00481	0.00603
CGP-KM-BKM-NR10-EXE4	NonSpecific	3	397690	992	739	0.52195	0.02178	0.00134	0.003015
	ChIP-Seq	49	387550	4510	7315	0.47721	0.01682	-0.00614	0.010748
	STRING	3	397913	763	745	0.54624	0.05151	0.00207	0.003916
CGP-KM-BKM-NR10-EXE5	NonSpecific	4	397920	762	738	0.52295	0.02146	0.00343	0.005222
	ChIP-Seq	120	386773	5287	7244	0.47822	0.01702	0.00327	0.022193
	STRING	4	397156	1520	744	0.54614	0.05099	0.00108	0.002625
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	2	397160	1522	740	0.52278	0.02131	-0.00078	0.001312
	ChIP-Seq	41	390218	1842	7323	0.47892	0.01713	0.00171	0.021774
	STRING	2	397147	1529	746	0.54521	0.04986	-0.00081	0.001306
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	3	397154	1528	739	0.52263	0.02113	0.00015	0.00196
	ChIP-Seq	42	390266	1794	7322	0.47956	0.01722	0.00224	0.022876
	STRING	3	397265	1411	745	0.5452	0.0495	0.00034	0.002122
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	4	397272	1410	738	0.52313	0.02119	0.00134	0.002829
	ChIP-Seq	41	390345	1715	7323	0.47999	0.01728	0.00243	0.023349
	STRING	6	397246	1430	742	0.54569	0.04913	0.0032	0.004178
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	6	397252	1430	736	0.52366	0.0211	0.00324	0.004178
	ChIP-Seq	28	390291	1769	7336	0.47955	0.01725	-0.00143	0.015582
	STRING	6	397125	1551	742	0.54766	0.04949	0.00287	0.003854
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	6	397131	1551	736	0.52484	0.02138	0.0029	0.003854
	ChIP-Seq	20	390234	1826	7344	0.47875	0.01718	-0.00385	0.010834

Tabela 28: Tabular results for mHSC-L problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	21	313346	117	116	0.57191	0.17915	0.15236	0.152174
PIDC	NonSpecific	17	313058	263	262	0.5288	0.08684	0.05998	0.060714
	ChIP-Seq	47	304851	4351	4351	0.49826	0.01399	-0.00338	0.010687
	STRING	13	313339	124	124	0.57506	0.18336	0.09449	0.094891
GENIE3	NonSpecific	8	313050	271	271	0.52841	0.07612	0.02781	0.028674
	ChIP-Seq	57	304860	4342	4341	0.49777	0.01432	-0.00108	0.012957
	STRING	9	313335	128	128	0.57493	0.17616	0.06528	0.065693
GRNBOOST2	NonSpecific	8	313050	271	271	0.53002	0.07443	0.02781	0.028674
	ChIP-Seq	63	304867	4335	4335	0.49835	0.0149	0.0003	0.014325
	STRING	0	313352	111	137	0.57493	0	-0.00039	0.0
SINCERITIES	NonSpecific	0	313076	245	279	0.52947	0	-0.00083	0.0
	ChIP-Seq	30	305167	4035	4368	0.49492	0.01385	-0.00647	0.006821
	STRING	0	313325	138	137	0.57314	0	-0.00044	0.0
PPCOR	NonSpecific	0	313041	280	279	0.52793	0	-0.00089	0.0
	ChIP-Seq	42	305572	3630	4356	0.49279	0.01367	-0.00239	0.011438
	STRING	4	306642	6821	133	0.57288	0.14635	0.00106	0.000586
CGP-DSSPD-NR5-EXE1	NonSpecific	6	306502	6819	273	0.52752	0.0438	-5e-05	0.000879
	ChIP-Seq	99	302476	6726	4299	0.49473	0.01459	0.00061	0.014505
	STRING	3	306842	6621	134	0.57632	0.14852	0.00011	0.000453
CGP-DSSPD-NR5-EXE2	NonSpecific	7	306704	6617	272	0.52709	0.04145	0.00082	0.001057
	ChIP-Seq	75	302653	6549	4323	0.49352	0.01454	-0.00337	0.011322
	STRING	2	306793	6670	135	0.5759	0.14424	-0.00097	0.0003
CGP-DSSPD-NR5-EXE3	NonSpecific	7	306656	6665	272	0.52665	0.03943	0.00079	0.001049
	ChIP-Seq	65	302595	6607	4333	0.4915	0.01435	-0.00537	0.009742
	STRING	4	306486	6977	133	0.57582	0.14339	0.00098	0.000573
CGP-DSSPD-NR5-EXE4	NonSpecific	14	306354	6967	265	0.52625	0.03777	0.00565	0.002005
	ChIP-Seq	80	302301	6901	4318	0.49044	0.01436	-0.00329	0.01146
	STRING	3	306527	6936	134	0.57556	0.14092	-3e-05	0.000432
CGP-DSSPD-NR5-EXE5	NonSpecific	5	306387	6934	274	0.52596	0.03673	-0.00085	0.000721
	ChIP-Seq	107	302370	6832	4291	0.49128	0.01461	0.00179	0.01542
	STRING	0	312199	1264	137	0.57539	0	-0.00133	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	2	312059	1262	277	0.52558	0.0355	0.00148	0.001582
	ChIP-Seq	20	307857	1345	4378	0.49153	0.0147	0.00035	0.014652
	STRING	1	312151	1312	136	0.57539	0.13933	0.00101	0.000762
CGP-DSSPD-NR10-EXE2	NonSpecific	1	312009	1312	278	0.52516	0.03426	-0.00028	0.000762
	ChIP-Seq	25	307862	1340	4373	0.49228	0.01486	0.00241	0.018315
	STRING	0	312205	1258	137	0.57539	0	-0.00133	0.0
CGP-DSSPD-NR10-EXE3	NonSpecific	0	312063	1258	279	0.52477	0	-0.00189	0.0
	ChIP-Seq	20	307905	1297	4378	0.49263	0.01494	0.00064	0.015186
	STRING	3	312179	1284	134	0.5753	0.13856	0.00582	0.002331
CGP-DSSPD-NR10-EXE4	NonSpecific	4	312038	1283	275	0.5261	0.03338	0.00478	0.003108
	ChIP-Seq	6	307879	1323	4392	0.49123	0.01477	-0.00528	0.004515
	STRING	2	312054	1409	135	0.57487	0.1349	0.00315	0.001417
CGP-DSSPD-NR10-EXE5	NonSpecific	3	311913	1408	276	0.52563	0.03233	0.00279	0.002126
	ChIP-Seq	15	307717	1485	4383	0.49068	0.01473	-0.00237	0.01
	STRING	3	312575	888	134	0.5747	0.13351	0.00749	0.003367
CGP-KM-BKM-NR10-EXE1	NonSpecific	2	312432	889	277	0.52529	0.03166	0.00243	0.002245
	ChIP-Seq	46	303931	5271	4352	0.48812	0.01453	-0.006	0.008651
	STRING	1	312458	1005	136	0.57461	0.13284	0.00151	0.000994
CGP-KM-BKM-NR10-EXE2	NonSpecific	1	312316	1005	278	0.52517	0.03143	0.0002	0.000994
	ChIP-Seq	54	306168	3034	4344	0.48968	0.0148	0.00294	0.017487
	STRING	2	312458	1005	135	0.57461	0.13284	0.00421	0.001986
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	312315	1006	278	0.52508	0.03127	0.0002	0.000993
	ChIP-Seq	41	306062	3140	4357	0.4896	0.01484	-0.00098	0.012889
	STRING	2	312528	935	135	0.57461	0.13284	0.00445	0.002134
CGP-KM-BKM-NR10-EXE4	NonSpecific	1	312385	936	278	0.52505	0.03121	0.00033	0.001067
	ChIP-Seq	57	305156	4046	4341	0.49041	0.01501	-0.00013	0.013892
	STRING	2	312428	1035	135	0.57461	0.13284	0.00411	0.001929
CGP-KM-BKM-NR10-EXE5	NonSpecific	2	312286	1035	277	0.52496	0.03106	0.00201	0.001929
	ChIP-Seq	43	305632	3570	4355	0.49008	0.01505	-0.00195	0.011901
	STRING	2	312169	1294	135	0.57825	0.13679	0.00341	0.001543
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	4	312029	1292	275	0.5264	0.03148	0.00475	0.003086
	ChIP-Seq	24	307803	1399	4374	0.49084	0.01514	0.00163	0.016866
	STRING	0	312207	1256	137	0.57808	0	-0.00133	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	312065	1256	279	0.52606	0	-0.00189	0.0
	ChIP-Seq	18	307847	1355	4380	0.49108	0.01518	-0.00052	0.01311
	STRING	1	312216	1247	136	0.57791	0.13412	0.0011	0.000801
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	4	312077	1244	275	0.52733	0.03106	0.00491	0.003205
	ChIP-Seq	20	307803	1399	4378	0.49102	0.01518	4e-05	0.014094
	STRING	0	312238	1225	137	0.57782	0	-0.00131	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	312096	1225	279	0.52699	0	-0.00187	0.0
	ChIP-Seq	18	307853	1349	4380	0.49069	0.01515	-0.00048	0.013168
	STRING	1	312230	1233	136	0.57765	0.13222	0.00112	0.00081
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	3	312090	1231	276	0.52663	0.03005	0.00325	0.002431
	ChIP-Seq	32	307850	1352	4366	0.49243	0.01533	0.00515	0.023121

3 Configuration 1000nTF

3.1 Ignoring Self-Loop

Tabela 29: Tabular results for hESC problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	0	999149	426	425	0.49984	0	-0.00043	0.0
PIDC	NonSpecific	0	998528	740	732	0.49996	0	-0.00074	0.0
	ChIP-Seq	8	995770	2116	2106	0.50122	0.00713	0.00166	0.003752
	STRING	0	999150	425	425	0.49975	0	-0.00042	0.0
GENIE3	NonSpecific	0	998529	739	732	0.49972	0	-0.00074	0.0
	ChIP-Seq	15	995771	2115	2099	0.50333	0.00904	0.00496	0.007039
	STRING	0	999150	425	425	0.49957	0	-0.00042	0.0
GRNBOOST2	NonSpecific	0	998529	739	732	0.49956	0	-0.00074	0.0
	ChIP-Seq	11	995770	2116	2103	0.50354	0.00836	0.00307	0.005162
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	999069	506	425	0.49934	0	-0.00046	0.0
CGP-DSSPD-NR5-EXE1	NonSpecific	9	981145	18123	723	0.49922	0.00146	-0.00118	0.000486
	ChIP-Seq	31	979785	18101	2083	0.50276	0.00589	-0.0012	0.001675
	STRING	0	999049	526	425	0.49926	0	-0.00047	0.0
CGP-DSSPD-NR5-EXE2	NonSpecific	5	980934	18334	727	0.49889	0.00146	-0.00232	0.000268
	ChIP-Seq	24	979570	18316	2091	0.50178	0.00477	-0.0024	0.001286
	STRING	0	999060	515	425	0.49914	0	-0.00047	0.0
CGP-DSSPD-NR5-EXE3	NonSpecific	14	981189	18079	718	0.4986	0.00146	0.00021	0.000758
	ChIP-Seq	33	979825	18061	2082	0.50115	0.00431	-0.00086	0.001788
	STRING	0	999056	519	425	0.49908	0	-0.00047	0.0
CGP-DSSPD-NR5-EXE4	NonSpecific	8	981776	17492	724	0.49836	0.00146	-0.00136	0.000448
	ChIP-Seq	22	980408	17478	2092	0.50149	0.00436	-0.00249	0.001233
	STRING	0	999084	491	425	0.49898	0	-0.00046	0.0
CGP-DSSPD-NR5-EXE5	NonSpecific	5	981128	18140	727	0.49813	0.00146	-0.00229	0.000271
	ChIP-Seq	24	979765	18121	2090	0.50135	0.00424	-0.00234	0.0013
	STRING	2	995954	3621	423	0.4989	0.00424	0.00037	0.00054
CGP-DSSPD-NR10-EXE1	NonSpecific	6	995651	3617	726	0.49784	0.00146	0.00206	0.00162
	ChIP-Seq	5	994268	3618	2109	0.50119	0.00415	-0.00096	0.00135
	STRING	2	995955	3620	423	0.49871	0.00424	0.00037	0.000542
CGP-DSSPD-NR10-EXE2	NonSpecific	0	995646	3622	732	0.49753	0	-0.00163	0.0
	ChIP-Seq	10	994274	3612	2104	0.50073	0.004	0.00085	0.002711
	STRING	0	996764	2811	425	0.49857	0	-0.0011	0.0
CGP-DSSPD-NR10-EXE3	NonSpecific	4	996461	2807	728	0.49718	0.00146	0.00136	0.001393
	ChIP-Seq	10	995085	2801	2104	0.50122	0.0041	0.00167	0.003482
	STRING	2	995751	3824	423	0.49846	0.00424	0.00029	0.000511
CGP-DSSPD-NR10-EXE4	NonSpecific	0	995442	3826	732	0.4969	0	-0.00168	0.0
	ChIP-Seq	4	994064	3822	2110	0.50078	0.00399	-0.00144	0.001022
	STRING	0	995761	3814	425	0.49825	0	-0.00128	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	4	995458	3810	728	0.49799	0.00205	0.00072	0.001027
	ChIP-Seq	12	994084	3802	2102	0.50111	0.00404	0.00139	0.003081
	STRING	0	996729	2846	425	0.49802	0	-0.0011	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	996422	2846	732	0.49758	0	-0.00145	0.0
	ChIP-Seq	5	995045	2841	2109	0.50079	0.00397	-0.00042	0.001734
	STRING	0	998986	589	425	0.49788	0	-0.0005	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	998340	928	732	0.49732	0	-0.00082	0.0
	ChIP-Seq	11	994780	3106	2103	0.50154	0.00408	0.00172	0.003453
	STRING	0	998909	666	425	0.49775	0	-0.00053	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	997461	1807	732	0.49716	0	-0.00115	0.0
	ChIP-Seq	9	995770	2116	2105	0.50252	0.00422	0.00213	0.004206
	STRING	1	996472	3103	424	0.49762	0.00424	-0.00028	0.000315
CGP-KM-BKM-NR10-EXE4	NonSpecific	5	996169	3099	727	0.49762	0.00214	0.00181	0.001577
	ChIP-Seq	4	994786	3100	2110	0.50217	0.00415	-0.001	0.001262
	STRING	0	997864	1711	425	0.4973	0	-0.00085	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	997557	1711	732	0.49731	0	-0.00112	0.0
	ChIP-Seq	3	993554	4332	2111	0.50174	0.00408	-0.00204	0.00068
	STRING	0	998759	816	425	0.49697	0	-0.00059	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	998452	816	732	0.49696	0	-0.00077	0.0
	ChIP-Seq	7	994616	3270	2107	0.50181	0.00408	3e-05	0.0021
	STRING	0	998721	854	425	0.49668	0	-0.0006	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	998414	854	732	0.49662	0	-0.00079	0.0
	ChIP-Seq	6	994506	3380	2108	0.50143	0.00402	-0.00043	0.001733
	STRING	1	996909	2666	424	0.49633	0.00424	-0.00013	0.000367
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	2	996603	2665	730	0.49631	0.00198	3e-05	0.000734
	ChIP-Seq	5	995224	2662	2109	0.50126	0.004	-0.00027	0.001834
	STRING	0	998621	954	425	0.4961	0	-0.00064	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	998314	954	732	0.49596	0	-0.00084	0.0
	ChIP-Seq	5	994637	3249	2109	0.50092	0.00396	-0.00072	0.001502
	STRING	0	998673	902	425	0.49586	0	-0.00062	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	998366	902	732	0.49562	0	-0.00081	0.0
	ChIP-Seq	1	994398	3488	2113	0.50011	0.00387	-0.00235	0.000281

Tabela 30: Tabular results for hHep problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	6	997823	1064	1107	0.50177	0.01844	0.00441	0.005386
PIDC	NonSpecific	0	999419	286	295	0.49989	0	-0.00029	0.0
	ChIP-Seq	3	995822	2075	2100	0.49981	0.00284	-0.00066	0.001406
	STRING	5	997779	1108	1108	0.50189	0.01365	0.00338	0.004492
GENIE3	NonSpecific	0	999408	297	295	0.49974	0	-0.0003	0.0
	ChIP-Seq	1	995765	2132	2102	0.49924	0.00236	-0.00165	0.000469
	STRING	7	997782	1105	1106	0.50232	0.0137	0.00519	0.006289
GRNBOOST2	NonSpecific	0	999408	297	295	0.49967	0	-0.0003	0.0
	ChIP-Seq	4	995771	2126	2099	0.4997	0.00288	-0.00023	0.001875
	STRING	1	997792	1095	1112	0.50238	0.01327	-0.0002	0.000898
SINCERITIES	NonSpecific	0	999411	294	295	0.49941	0	-0.0003	0.0
	ChIP-Seq	2	995797	2100	2101	0.49925	0.00271	-0.00115	0.000937
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	24	980906	17981	1089	0.50228	0.0126	0.00089	0.0013
CGP-DSSPD-NR5-EXE1	NonSpecific	0	999290	415	295	0.49925	0	-0.00035	0.0
	ChIP-Seq	75	979966	17931	2029	0.5013	0.00372	0.00609	0.004062
	STRING	21	980602	18285	1092	0.50174	0.01158	0.00014	0.001119
CGP-DSSPD-NR5-EXE2	NonSpecific	0	999262	443	295	0.49919	0	-0.00036	0.0
	ChIP-Seq	66	979656	18241	2038	0.50184	0.00379	0.00447	0.003518
	STRING	24	980155	18732	1089	0.50171	0.01135	0.00069	0.001248
CGP-DSSPD-NR5-EXE3	NonSpecific	1	999288	417	294	0.49914	0.00334	0.0025	0.002273
	ChIP-Seq	41	979181	18716	2063	0.50192	0.00371	0.00025	0.002132
	STRING	25	980489	18398	1088	0.50211	0.01154	0.001	0.001325
CGP-DSSPD-NR5-EXE4	NonSpecific	0	999286	419	295	0.49912	0	-0.00035	0.0
	ChIP-Seq	34	979508	18389	2069	0.50198	0.00365	-0.00077	0.001802
	STRING	24	980266	18621	1089	0.50203	0.0113	0.00072	0.001256
CGP-DSSPD-NR5-EXE5	NonSpecific	0	999268	437	295	0.49906	0	-0.00036	0.0
	ChIP-Seq	33	979283	18614	2072	0.50181	0.00355	-0.00101	0.001727
	STRING	6	995110	3777	1107	0.50213	0.01128	0.00087	0.001549
CGP-DSSPD-NR10-EXE1	NonSpecific	2	995924	3781	293	0.49898	0.00334	0.00084	0.000516
	ChIP-Seq	6	994120	3777	2097	0.5011	0.00337	-0.00069	0.001549
	STRING	5	994811	4076	1108	0.50172	0.01087	0.00021	0.001194
CGP-DSSPD-NR10-EXE2	NonSpecific	0	999416	289	295	0.49894	0	-0.00029	0.0
	ChIP-Seq	8	993824	4073	2095	0.50092	0.00331	-0.0002	0.00191
	STRING	3	997350	1537	1110	0.50173	0.0108	0.00098	0.001886
CGP-DSSPD-NR10-EXE3	NonSpecific	0	999041	664	295	0.49888	0	-0.00044	0.0
	ChIP-Seq	15	992388	5509	2088	0.50145	0.00338	0.001	0.002641
	STRING	4	995180	3707	1109	0.50221	0.01105	-6e-05	0.001043
CGP-DSSPD-NR10-EXE4	NonSpecific	2	995996	3709	293	0.4988	0.00334	0.00087	0.000521
	ChIP-Seq	22	994208	3689	2081	0.50172	0.00341	0.0051	0.005735
	STRING	2	995081	3806	1111	0.50179	0.01071	-0.00109	0.000513
CGP-DSSPD-NR10-EXE5	NonSpecific	2	995899	3806	293	0.49871	0.00334	0.00083	0.000513
	ChIP-Seq	14	994103	3794	2089	0.50297	0.00356	0.00212	0.003588
	STRING	3	996593	2294	1110	0.50196	0.01078	0.00028	0.001276
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	997408	2297	295	0.49856	0	-0.00082	0.0
	ChIP-Seq	0	995600	2297	2103	0.50187	0	-0.0022	0.0
	STRING	3	997021	1866	1110	0.5017	0.01059	0.00064	0.00159
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	997836	1869	295	0.49853	0	-0.00074	0.0
	ChIP-Seq	0	995547	2350	2103	0.5011	0	-0.00223	0.0
	STRING	2	997308	1579	1111	0.50122	0.01027	0.00018	0.001254
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	998124	1581	295	0.49842	0	-0.00068	0.0
	ChIP-Seq	0	995747	2150	2103	0.50047	0	-0.00213	0.0
	STRING	5	996778	2109	1108	0.50091	0.01009	0.00173	0.002336
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	997591	2114	295	0.49838	0	-0.00079	0.0
	ChIP-Seq	0	995783	2114	2103	0.49995	0	-0.00211	0.0
	STRING	5	996241	2646	1108	0.50054	0.00988	0.0012	0.001856
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	997054	2651	295	0.49829	0	-0.00089	0.0
	ChIP-Seq	0	995246	2651	2103	0.49933	0	-0.00237	0.0
	STRING	5	996054	2833	1108	0.49979	0.00951	0.00104	0.001709
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	996867	2838	295	0.49815	0	-0.00092	0.0
	ChIP-Seq	6	995065	2832	2097	0.49905	0.00305	1e-05	0.002051
	STRING	4	995239	3648	1109	0.49999	0.00962	-3e-05	0.001062
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	2	996055	3650	293	0.49803	0.00334	0.00089	0.000531
	ChIP-Seq	4	994249	3648	2099	0.49874	0.00303	-0.00133	0.001062
	STRING	0	997571	1316	1113	0.49989	0	-0.00121	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	998389	1316	295	0.49798	0	-0.00062	0.0
	ChIP-Seq	10	993848	4049	2093	0.49811	0.00298	0.0005	0.0024
	STRING	3	996021	2866	1110	0.50023	0.00971	-0.00011	0.001006
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	2	996838	2867	293	0.49792	0.00334	0.00126	0.00067
	ChIP-Seq	0	995028	2869	2103	0.49713	0	-0.00246	0.0
	STRING	7	994063	4824	1106	0.50007	0.00965	0.0007	0.001412
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	994874	4831	295	0.49788	0	-0.0012	0.0
	ChIP-Seq	11	993077	4820	2092	0.49808	0.00299	0.00026	0.002219

Tabela 31: Tabular results for mDC problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	6	998307	844	843	0.50293	0.04438	0.00622	0.007059
PIDC	NonSpecific	0	998980	510	510	0.49961	0	-0.00051	0.0
	ChIP-Seq	1	999381	309	309	0.50147	0.0273	0.00292	0.003226
	STRING	1	998303	848	848	0.50299	0.03118	0.00033	0.001178
GENIE3	NonSpecific	1	998981	509	509	0.50031	0.0085	0.00145	0.001961
	ChIP-Seq	0	999380	310	310	0.50131	0	-0.00031	0.0
	STRING	2	998304	847	847	0.50338	0.03008	0.00151	0.002356
GRNBOOST2	NonSpecific	0	998980	510	510	0.50018	0	-0.00051	0.0
	ChIP-Seq	0	999380	310	310	0.50124	0	-0.00031	0.0
	STRING	0	998348	803	849	0.50284	0	-0.00083	0.0
SINCERITIES	NonSpecific	0	999006	484	510	0.50014	0	-0.0005	0.0
	ChIP-Seq	0	999396	294	310	0.50099	0	-0.0003	0.0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	15	977839	21312	834	0.50261	0.02186	-0.00074	0.000703
CGP-DSSPD-NR5-EXE1	NonSpecific	10	978173	21317	500	0.4999	0.00659	-0.00027	0.000469
	ChIP-Seq	7	978370	21320	303	0.50077	0.00662	0.00015	0.000328
	STRING	15	978026	21125	834	0.50409	0.02488	-0.0007	0.00071
CGP-DSSPD-NR5-EXE2	NonSpecific	8	978358	21132	502	0.50067	0.00867	-0.00086	0.000378
	ChIP-Seq	5	978555	21135	305	0.50058	0.00583	-0.00061	0.000237
	STRING	17	978200	20951	832	0.50431	0.02397	-0.00019	0.000811
CGP-DSSPD-NR5-EXE3	NonSpecific	10	978532	20958	500	0.50043	0.00786	-0.00021	0.000477
	ChIP-Seq	7	978729	20961	303	0.50037	0.00526	0.0002	0.000334
	STRING	17	978399	20752	832	0.50463	0.02377	-0.00015	0.000819
CGP-DSSPD-NR5-EXE4	NonSpecific	13	978734	20756	497	0.50026	0.0074	0.00075	0.000626
	ChIP-Seq	9	978930	20760	301	0.50012	0.00477	0.00102	0.000433
	STRING	17	978678	20473	832	0.50446	0.02287	-0.0001	0.00083
CGP-DSSPD-NR5-EXE5	NonSpecific	7	979007	20483	503	0.50007	0.00702	-0.00108	0.000342
	ChIP-Seq	8	979208	20482	302	0.49991	0.00446	0.00066	0.00039
	STRING	9	995224	3927	840	0.50404	0.02109	0.0031	0.002287
CGP-DSSPD-NR10-EXE1	NonSpecific	3	995557	3933	507	0.49988	0.00669	0.0007	0.000762
	ChIP-Seq	1	995755	3935	309	0.49972	0.00425	-0.0002	0.000254
	STRING	7	994798	4353	842	0.50429	0.0209	0.00172	0.001606
CGP-DSSPD-NR10-EXE2	NonSpecific	4	995134	4356	506	0.4997	0.00644	0.00119	0.000917
	ChIP-Seq	1	995331	4359	309	0.49955	0.00409	-0.0003	0.000229
	STRING	2	995051	4100	847	0.50445	0.02047	-0.0008	0.000488
CGP-DSSPD-NR10-EXE3	NonSpecific	1	995389	4101	509	0.5005	0.00759	-0.00076	0.000244
	ChIP-Seq	0	995588	4102	310	0.49938	0	-0.00113	0.0
	STRING	3	994705	4446	846	0.50413	0.01956	-0.0004	0.000674
CGP-DSSPD-NR10-EXE4	NonSpecific	3	995044	4446	507	0.50026	0.00722	0.00049	0.000674
	ChIP-Seq	0	995241	4449	310	0.49928	0	-0.00118	0.0
	STRING	1	994980	4171	848	0.50372	0.01857	-0.00135	0.00024
CGP-DSSPD-NR10-EXE5	NonSpecific	3	995321	4169	507	0.50004	0.00693	0.0006	0.000719
	ChIP-Seq	3	995521	4169	307	0.49911	0.00379	0.0015	0.000719
	STRING	0	997719	1432	849	0.50314	0	-0.0011	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	998058	1432	510	0.4999	0	-0.00085	0.0
	ChIP-Seq	0	998258	1432	310	0.49893	0	-0.00067	0.0
	STRING	0	998191	960	849	0.50284	0	-0.0009	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	998530	960	510	0.49972	0	-0.0007	0.0
	ChIP-Seq	0	998730	960	310	0.49878	0	-0.00055	0.0
	STRING	0	997708	1443	849	0.50217	0	-0.00111	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	998047	1443	510	0.49967	0	-0.00086	0.0
	ChIP-Seq	0	998247	1443	310	0.49873	0	-0.00067	0.0
	STRING	1	997759	1392	848	0.5027	0.01641	-0.00017	0.000718
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	998097	1393	510	0.49934	0	-0.00084	0.0
	ChIP-Seq	0	998297	1393	310	0.49848	0	-0.00066	0.0
	STRING	1	996410	2741	848	0.50213	0.01569	-0.00087	0.000365
CGP-KM-BKM-NR10-EXE5	NonSpecific	3	996751	2739	507	0.49924	0.00618	0.00136	0.001094
	ChIP-Seq	0	996948	2742	310	0.49831	0	-0.00092	0.0
	STRING	4	995437	3714	845	0.50247	0.01594	0.00048	0.001076
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	3	995775	3715	507	0.50005	0.00693	0.0008	0.000807
	ChIP-Seq	3	995975	3715	307	0.49978	0.00449	0.00172	0.000807
	STRING	7	995701	3450	842	0.50273	0.01609	0.00238	0.002025
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	3	996036	3454	507	0.49992	0.00681	0.00093	0.000868
	ChIP-Seq	1	996234	3456	309	0.49959	0.00438	-7e-05	0.000289
	STRING	3	995572	3579	846	0.50237	0.0157	-2e-05	0.000838
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	2	995910	3580	508	0.49978	0.0067	0.00013	0.000558
	ChIP-Seq	1	996109	3581	309	0.49944	0.0043	-0.00011	0.000279
	STRING	6	995412	3739	843	0.50208	0.01543	0.00159	0.001602
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	1	995746	3744	509	0.50058	0.00734	-0.00066	0.000267
	ChIP-Seq	1	995946	3744	309	0.49929	0.00422	-0.00015	0.000267
	STRING	7	995400	3751	842	0.50355	0.01655	0.00214	0.001863
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	6	995738	3752	504	0.50041	0.00719	0.00296	0.001597
	ChIP-Seq	2	995934	3756	308	0.50074	0.00508	0.00077	0.000532

Tabela 32: Tabular results for mESC problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	5	998593	701	701	0.50313	0.06178	0.00638	0.007082
PIDC	NonSpecific	0	997683	1160	1157	0.49981	0	-0.00116	0.0
	ChIP-Seq	190	977798	11006	11006	0.50356	0.02519	0.00584	0.01697
	STRING	21	998609	685	685	0.51357	0.07868	0.02906	0.029745
GENIE3	NonSpecific	10	997696	1147	1147	0.50349	0.01435	0.00749	0.008643
	ChIP-Seq	293	977901	10903	10903	0.50712	0.02465	0.01514	0.02617
	STRING	21	998609	685	685	0.51875	0.08156	0.02906	0.029745
GRNBOOST2	NonSpecific	11	997697	1146	1146	0.50523	0.01446	0.00836	0.009507
	ChIP-Seq	288	977896	10908	10908	0.50859	0.02495	0.01469	0.025723
	STRING	1	998602	692	705	0.51875	0.06569	0.00073	0.001416
SINCERITIES	NonSpecific	3	997714	1129	1154	0.50582	0.01179	0.00148	0.002593
	ChIP-Seq	120	978117	10687	11076	0.50896	0.02359	-9e-05	0.010718
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	15	979574	19720	691	0.51843	0.06035	0.00029	0.00076
CGP-DSSPD-NR5-EXE1	NonSpecific	22	979130	19713	1135	0.50528	0.00985	-0.00018	0.001115
	ChIP-Seq	198	969267	19537	10998	0.5079	0.02218	-0.00157	0.010033
	STRING	13	980044	19250	693	0.5181	0.05575	-0.00016	0.000675
CGP-DSSPD-NR5-EXE2	NonSpecific	29	979609	19234	1128	0.5056	0.00925	0.00144	0.001505
	ChIP-Seq	224	969765	19039	10972	0.50794	0.02164	0.00058	0.011629
	STRING	12	979718	19576	694	0.51794	0.05389	-0.0005	0.000613
CGP-DSSPD-NR5-EXE3	NonSpecific	18	979273	19570	1139	0.5051	0.00833	-0.00099	0.000919
	ChIP-Seq	234	969450	19354	10962	0.50827	0.0214	0.00101	0.011946
	STRING	23	979474	19820	683	0.51758	0.05015	0.00243	0.001159
CGP-DSSPD-NR5-EXE4	NonSpecific	31	979031	19812	1126	0.5046	0.00765	0.0017	0.001562
	ChIP-Seq	204	969165	19639	10992	0.50747	0.02096	-0.00124	0.010281
	STRING	12	980812	18482	694	0.51872	0.05007	-0.0003	0.000649
CGP-DSSPD-NR5-EXE5	NonSpecific	18	980367	18476	1139	0.50537	0.00775	-0.00074	0.000973
	ChIP-Seq	221	970531	18273	10975	0.50732	0.02076	0.00098	0.01195
	STRING	2	995287	4007	704	0.51908	0.04842	-0.00049	0.000499
CGP-DSSPD-NR10-EXE1	NonSpecific	1	994835	4008	1156	0.5049	0.00728	-0.00169	0.000249
	ChIP-Seq	82	981191	7613	11114	0.50736	0.02068	-0.00045	0.010656
	STRING	3	995475	3819	703	0.51946	0.04706	0.00018	0.000785
CGP-DSSPD-NR10-EXE2	NonSpecific	5	995026	3817	1152	0.50433	0.00681	0.00028	0.001308
	ChIP-Seq	221	973589	15215	10975	0.50893	0.02089	0.00371	0.014317
	STRING	1	995341	3953	705	0.51902	0.04432	-0.00108	0.000253
CGP-DSSPD-NR10-EXE3	NonSpecific	2	994891	3952	1155	0.50464	0.00678	-0.00121	0.000506
	ChIP-Seq	100	977286	11518	11096	0.50768	0.02052	-0.00267	0.008607
	STRING	2	995232	4062	704	0.51935	0.04313	-0.00051	0.000492
CGP-DSSPD-NR10-EXE4	NonSpecific	8	994787	4056	1149	0.505	0.00678	0.00153	0.001969
	ChIP-Seq	130	976957	11847	11066	0.50724	0.02036	-0.00036	0.010854
	STRING	1	995439	3855	705	0.51974	0.04247	-0.00105	0.000259
CGP-DSSPD-NR10-EXE5	NonSpecific	2	994989	3854	1155	0.50444	0.00646	-0.00117	0.000519
	ChIP-Seq	142	977378	11426	11054	0.50793	0.02041	0.00111	0.012275
	STRING	0	998429	865	706	0.5195	0	-0.00078	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	2	994044	4799	1155	0.50381	0.00615	-0.00151	0.000417
	ChIP-Seq	104	977488	11316	11092	0.50699	0.02016	-0.00213	0.009107
	STRING	2	998323	971	704	0.52078	0.04244	0.00159	0.002055
CGP-KM-BKM-NR10-EXE2	NonSpecific	6	993767	5076	1151	0.50439	0.0063	5e-05	0.001181
	ChIP-Seq	117	978145	10659	11079	0.50699	0.02013	-0.00034	0.010857
	STRING	0	998347	947	706	0.5207	0	-0.00082	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	10	993583	5260	1147	0.50536	0.00656	0.00159	0.001898
	ChIP-Seq	133	979232	9572	11063	0.50795	0.02021	0.00236	0.013704
	STRING	2	997515	1779	704	0.52129	0.04237	0.00066	0.001123
CGP-KM-BKM-NR10-EXE4	NonSpecific	2	997064	1779	1155	0.50551	0.00656	-4e-05	0.001123
	ChIP-Seq	110	979876	8928	11086	0.50849	0.02023	0.00089	0.012171
	STRING	1	998470	824	705	0.52121	0.04202	0.00055	0.001212
CGP-KM-BKM-NR10-EXE5	NonSpecific	7	994777	4066	1150	0.50534	0.00648	0.00106	0.001719
	ChIP-Seq	117	975769	13035	11079	0.5078	0.02011	-0.00252	0.008896
	STRING	4	995208	4086	702	0.52286	0.0424	0.00066	0.000978
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	2	994755	4088	1155	0.50501	0.0063	-0.00126	0.000489
	ChIP-Seq	66	980875	7929	11130	0.50693	0.01994	-0.00251	0.008255
	STRING	1	997100	2194	705	0.52332	0.04215	-0.00044	0.000456
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	996649	2194	1156	0.50496	0.00624	-0.00097	0.000456
	ChIP-Seq	83	979086	9718	11113	0.5062	0.01981	-0.00258	0.008469
	STRING	0	996826	2468	706	0.52273	0	-0.00132	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	3	996378	2465	1154	0.50507	0.00619	9e-05	0.001216
	ChIP-Seq	108	977076	11728	11088	0.50536	0.01974	-0.00215	0.009125
	STRING	1	994954	4340	705	0.52291	0.03909	-0.00118	0.00023
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	3	994505	4338	1154	0.50482	0.00608	-0.0009	0.000691
	ChIP-Seq	76	980679	8125	11120	0.50473	0.01966	-0.00167	0.009267
	STRING	4	996869	2425	702	0.52367	0.03844	0.00175	0.001647
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	2	996416	2427	1155	0.50515	0.00612	-0.00048	0.000823
	ChIP-Seq	56	982657	6147	11140	0.50446	0.01963	-0.00163	0.009028

Tabela 33: Tabular results for mHSC-E problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	38	998555	704	703	0.52298	0.0702	0.05054	0.051213
PIDC	NonSpecific	17	998649	667	667	0.51152	0.04245	0.02419	0.024854
	ChIP-Seq	33	985730	7119	7118	0.49879	0.0069	-0.00255	0.004614
	STRING	16	998534	725	725	0.52321	0.0523	0.02087	0.021592
GENIE3	NonSpecific	9	998641	675	675	0.51312	0.03124	0.01248	0.013158
	ChIP-Seq	7	985705	7144	7144	0.49679	0.00547	-0.00622	0.000979
	STRING	18	998536	723	723	0.52259	0.04885	0.02357	0.024291
GRNBOOST2	NonSpecific	13	998645	671	671	0.51286	0.02854	0.01833	0.019006
	ChIP-Seq	11	985709	7140	7140	0.49573	0.00559	-0.00565	0.001538
	STRING	1	998529	730	740	0.52293	0.0473	0.00062	0.00135
SINCERITIES	NonSpecific	0	998642	674	684	0.51246	0	-0.00068	0.0
	ChIP-Seq	36	985836	7013	7115	0.49485	0.00608	-0.00204	0.005034
	STRING	0	998517	742	741	0.52145	0	-0.00074	0.0
PPCOR	NonSpecific	2	998634	682	682	0.51154	0.02005	0.00224	0.002924
	ChIP-Seq	51	985748	7101	7100	0.4939	0.00595	-2e-05	0.007131
	STRING	10	981935	17324	731	0.5209	0.03755	-0.0008	0.000577
CGP-DSSPD-NR5-EXE1	NonSpecific	12	981994	17322	672	0.51201	0.01968	4e-05	0.000692
	ChIP-Seq	107	975622	17227	7044	0.49322	0.00614	-0.00154	0.006173
	STRING	9	980396	18863	732	0.52174	0.03707	-0.00135	0.000477
CGP-DSSPD-NR5-EXE2	NonSpecific	16	980460	18856	668	0.51237	0.01907	0.00087	0.000848
	ChIP-Seq	106	974083	18766	7045	0.49209	0.00617	-0.00252	0.005617
	STRING	8	980174	19085	733	0.52129	0.03577	-0.00165	0.000419
CGP-DSSPD-NR5-EXE3	NonSpecific	8	980231	19085	676	0.51205	0.01827	-0.00141	0.000419
	ChIP-Seq	121	973877	18972	7030	0.49208	0.00636	-0.00135	0.006337
	STRING	15	979974	19285	726	0.52086	0.03467	0.00019	0.000777
CGP-DSSPD-NR5-EXE4	NonSpecific	19	980035	19281	665	0.51251	0.01809	0.00161	0.000984
	ChIP-Seq	152	973701	19148	6999	0.49274	0.0066	0.00121	0.007876
	STRING	13	979936	19323	728	0.52121	0.03437	-0.00035	0.000672
CGP-DSSPD-NR5-EXE5	NonSpecific	11	979991	19325	673	0.51223	0.0175	-0.00062	0.000569
	ChIP-Seq	116	973629	19220	7035	0.49231	0.00664	-0.00192	0.005999
	STRING	4	995170	4089	737	0.52216	0.03442	0.00056	0.000977
CGP-DSSPD-NR10-EXE1	NonSpecific	1	995224	4092	683	0.51197	0.01703	-0.00108	0.000244
	ChIP-Seq	60	984958	7891	7091	0.49258	0.00677	0.00042	0.007546
	STRING	5	995395	3864	736	0.52311	0.03449	0.00126	0.001292
CGP-DSSPD-NR10-EXE2	NonSpecific	1	995448	3868	683	0.5117	0.01657	-0.00101	0.000258
	ChIP-Seq	33	985106	7743	7118	0.49084	0.00665	-0.00305	0.004244
	STRING	3	995311	3948	738	0.52274	0.03372	4e-05	0.000759
CGP-DSSPD-NR10-EXE3	NonSpecific	2	995367	3949	682	0.51134	0.01604	-0.00043	0.000506
	ChIP-Seq	62	984981	7868	7089	0.49042	0.00668	0.00071	0.007818
	STRING	2	995416	3843	739	0.523	0.03335	-0.0005	0.00052
CGP-DSSPD-NR10-EXE4	NonSpecific	2	995473	3843	682	0.51171	0.0159	-0.00039	0.00052
	ChIP-Seq	117	977821	15028	7034	0.49059	0.00676	0.00085	0.007725
	STRING	4	994206	5053	737	0.52324	0.03297	0.00013	0.000791
CGP-DSSPD-NR10-EXE5	NonSpecific	4	994263	5053	680	0.5114	0.01553	0.00029	0.000791
	ChIP-Seq	43	985232	7617	7108	0.49003	0.00676	-0.0016	0.005614
	STRING	2	998308	951	739	0.52415	0.03304	0.00154	0.002099
CGP-KM-BKM-NR10-EXE1	NonSpecific	1	998364	952	683	0.51179	0.01547	0.00043	0.001049
	ChIP-Seq	47	984609	8240	7104	0.48837	0.00668	-0.00161	0.005672
	STRING	6	995814	3445	735	0.52573	0.03349	0.00216	0.001739
CGP-KM-BKM-NR10-EXE2	NonSpecific	2	995867	3449	682	0.51222	0.01547	-0.00023	0.00058
	ChIP-Seq	39	986923	5926	7112	0.48829	0.00671	-0.00056	0.006538
	STRING	1	998325	934	740	0.52562	0.03331	0.00037	0.00107
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	998382	934	683	0.51207	0.01532	0.00045	0.00107
	ChIP-Seq	60	985679	7170	7091	0.48802	0.00673	0.00116	0.008299
	STRING	1	997584	1675	740	0.52538	0.03293	-0.00022	0.000597
CGP-KM-BKM-NR10-EXE4	NonSpecific	1	997641	1675	683	0.51181	0.01507	-0.00014	0.000597
	ChIP-Seq	28	984257	8592	7123	0.48633	0.00665	-0.00432	0.003248
	STRING	1	998188	1071	740	0.52532	0.03284	0.00023	0.000933
CGP-KM-BKM-NR10-EXE5	NonSpecific	1	998245	1071	683	0.51171	0.01498	0.00031	0.000933
	ChIP-Seq	14	985570	7279	7137	0.48429	0.00656	-0.00532	0.00192
	STRING	0	997283	1976	741	0.5251	0	-0.00121	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	1	997341	1975	683	0.51156	0.01485	-0.0003	0.000506
	ChIP-Seq	19	987500	5349	7132	0.48306	0.00651	-0.00315	0.003539
	STRING	0	998503	756	741	0.52506	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	998582	734	684	0.51138	0	-0.00071	0.0
	ChIP-Seq	48	983682	9167	7103	0.48229	0.00651	-0.00222	0.005209
	STRING	5	995599	3660	736	0.52496	0.03229	0.00139	0.001364
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	995651	3665	684	0.51119	0	-0.00159	0.0
	ChIP-Seq	20	988993	3856	7131	0.48177	0.0065	-0.00147	0.00516
	STRING	0	998507	752	741	0.52482	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	998605	711	684	0.51105	0	-0.0007	0.0
	ChIP-Seq	58	983518	9331	7093	0.48134	0.00652	-0.00112	0.006177
	STRING	0	998514	745	741	0.52472	0	-0.00074	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	998571	745	684	0.51087	0	-0.00071	0.0
	ChIP-Seq	42	986157	6692	7109	0.48077	0.00653	-0.00089	0.006237

Tabela 34: Tabular results for mHSC-GM problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	24	998265	856	855	0.51119	0.04148	0.02643	0.027273
	NonSpecific	14	998575	706	705	0.50891	0.03721	0.01875	0.019444
	ChIP-Seq	65	983733	8101	8101	0.49988	0.00917	-0.00021	0.00796
GENIE3	STRING	33	998275	846	846	0.52307	0.04988	0.0367	0.037543
	NonSpecific	11	998573	708	708	0.51267	0.03511	0.01459	0.015299
	ChIP-Seq	44	983712	8122	8122	0.499	0.00824	-0.0028	0.005388
GRNBOOST2	STRING	39	998281	840	840	0.52833	0.0531	0.04353	0.044369
	NonSpecific	15	998577	704	704	0.51595	0.03637	0.02016	0.020862
	ChIP-Seq	57	983725	8109	8109	0.49871	0.00826	-0.0012	0.00698
SINCERITIES	STRING	0	998245	876	879	0.52815	0	-0.00088	0.0
	NonSpecific	0	998565	716	719	0.51587	0	-0.00072	0.0
	ChIP-Seq	56	983790	8044	8110	0.49806	0.0083	-0.00126	0.006858
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	19	986846	12275	860	0.52843	0.04979	0.00251	0.001545
	NonSpecific	10	986997	12284	709	0.51614	0.02959	0.00039	0.000813
	ChIP-Seq	73	979613	12221	8093	0.49683	0.00814	-0.00276	0.005938
CGP-DSSPD-NR5-EXE2	STRING	9	987025	12096	870	0.52794	0.04628	-0.00051	0.000743
	NonSpecific	9	987185	12096	710	0.51636	0.02576	0.0001	0.000743
	ChIP-Seq	117	979846	11988	8049	0.49804	0.00862	0.00184	0.009665
CGP-DSSPD-NR5-EXE3	STRING	16	986959	12162	863	0.52767	0.04463	0.00163	0.001314
	NonSpecific	12	987115	12166	707	0.51665	0.0236	0.0011	0.000985
	ChIP-Seq	120	979776	12058	8046	0.49931	0.00895	0.00208	0.009854
CGP-DSSPD-NR5-EXE4	STRING	12	985145	13976	867	0.52784	0.04305	-9e-05	0.000858
	NonSpecific	16	985309	13972	703	0.51683	0.0215	0.00189	0.001144
	ChIP-Seq	105	977951	13883	8061	0.49896	0.00891	-0.00087	0.007506
CGP-DSSPD-NR5-EXE5	STRING	8	986689	12432	871	0.52742	0.04104	-0.00089	0.000643
	NonSpecific	13	986854	12427	706	0.51708	0.02019	0.00136	0.001045
	ChIP-Seq	102	979496	12338	8064	0.49893	0.00893	4e-05	0.008199
CGP-DSSPD-NR10-EXE1	STRING	4	996683	2438	875	0.52822	0.04062	0.00127	0.001638
	NonSpecific	0	996839	2442	719	0.51676	0	-0.00133	0.0
	ChIP-Seq	19	989304	2530	8147	0.49891	0.00893	-0.0004	0.007454
CGP-DSSPD-NR10-EXE2	STRING	2	996677	2444	877	0.52837	0.03946	-0.0001	0.000818
	NonSpecific	0	996835	2446	719	0.51643	0	-0.00133	0.0
	ChIP-Seq	14	989353	2481	8152	0.49856	0.00888	-0.00142	0.005611
CGP-DSSPD-NR10-EXE3	STRING	2	996800	2321	877	0.52798	0.03807	-3e-05	0.000861
	NonSpecific	3	996961	2320	716	0.51614	0.01735	0.00103	0.001291
	ChIP-Seq	25	989436	2398	8141	0.49883	0.00893	0.00118	0.010318
CGP-DSSPD-NR10-EXE4	STRING	2	996777	2344	877	0.52811	0.03705	-4e-05	0.000853
	NonSpecific	1	996936	2345	718	0.5165	0.017	-0.00053	0.000426
	ChIP-Seq	13	989424	2410	8153	0.49842	0.00888	-0.00153	0.005365
CGP-DSSPD-NR10-EXE5	STRING	0	996681	2440	879	0.52765	0	-0.00147	0.0
	NonSpecific	3	996844	2437	716	0.51679	0.01656	0.00094	0.00123
	ChIP-Seq	29	989329	2505	8137	0.49886	0.00895	0.00184	0.011444
CGP-KM-BKM-NR10-EXE1	STRING	0	997457	1664	879	0.5271	0	-0.00121	0.0
	NonSpecific	1	997618	1663	718	0.5164	0.01585	-0.00018	0.000601
	ChIP-Seq	158	980211	11623	8008	0.5013	0.00927	0.00636	0.013411
CGP-KM-BKM-NR10-EXE2	STRING	4	996253	2868	875	0.52737	0.03357	0.00093	0.001393
	NonSpecific	5	996414	2867	714	0.51757	0.01572	0.00205	0.001741
	ChIP-Seq	50	978594	13240	8116	0.50014	0.00912	-0.00568	0.003762
CGP-KM-BKM-NR10-EXE3	STRING	1	997209	1912	878	0.52701	0.03257	-0.00053	0.000523
	NonSpecific	2	997370	1911	717	0.51737	0.01521	0.00053	0.001045
	ChIP-Seq	47	983311	8523	8119	0.49882	0.00897	-0.00277	0.005484
CGP-KM-BKM-NR10-EXE4	STRING	1	997338	1783	878	0.52684	0.03165	-0.00045	0.000561
	NonSpecific	3	997500	1781	716	0.51728	0.01513	0.00152	0.001682
	ChIP-Seq	69	977880	13954	8097	0.49732	0.00881	-0.0043	0.00492
CGP-KM-BKM-NR10-EXE5	STRING	0	997496	1625	879	0.52665	0	-0.0012	0.0
	NonSpecific	0	997656	1625	719	0.5171	0	-0.00108	0.0
	ChIP-Seq	70	983129	8705	8096	0.4974	0.00882	-0.0002	0.007977
CGP-KM-DSSPD-NR10-EXE1	STRING	3	996612	2509	876	0.52653	0.0303	0.00053	0.001194
	NonSpecific	1	996770	2511	718	0.51669	0.0143	-0.0006	0.000398
	ChIP-Seq	29	988993	2841	8137	0.49779	0.00886	0.00116	0.010105
CGP-KM-DSSPD-NR10-EXE2	STRING	6	996638	2483	873	0.52708	0.02995	0.00258	0.002411
	NonSpecific	3	996795	2486	716	0.51639	0.01393	0.00091	0.001205
	ChIP-Seq	32	989036	2798	8134	0.49805	0.00888	0.00186	0.011307
CGP-KM-DSSPD-NR10-EXE3	STRING	1	996792	2329	878	0.52661	0.0292	-0.00073	0.000429
	NonSpecific	0	996951	2330	719	0.51603	0	-0.0013	0.0
	ChIP-Seq	34	989099	2735	8132	0.49884	0.00896	0.00241	0.012279
CGP-KM-DSSPD-NR10-EXE4	STRING	5	996741	2380	874	0.52598	0.02831	0.00201	0.002096
	NonSpecific	3	996899	2382	716	0.5157	0.01319	0.00098	0.001258
	ChIP-Seq	28	989037	2797	8138	0.49872	0.00895	0.00103	0.009912
CGP-KM-DSSPD-NR10-EXE5	STRING	3	996728	2393	876	0.52596	0.02785	0.00062	0.001252
	NonSpecific	3	996888	2393	716	0.51532	0.01284	0.00097	0.001252
	ChIP-Seq	8	989085	2749	8158	0.49783	0.00887	-0.00308	0.002902

Tabela 35: Tabular results for mHSC-L problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
PIDC	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
	STRING	9	478565	145	145	0.54852	0.1456	0.05814	0.058442
GENIE3	NonSpecific	7	478237	310	310	0.51757	0.05981	0.02143	0.022082
	ChIP-Seq	49	468552	5132	5131	0.49843	0.01145	-0.00137	0.009458
	STRING	7	478563	147	147	0.54842	0.14181	0.04515	0.045455
GRNBOOST2	NonSpecific	5	478235	312	312	0.51748	0.05404	0.01512	0.015773
	ChIP-Seq	52	468556	5128	5128	0.49877	0.01184	-0.00079	0.010039
	STRING	0	478578	132	154	0.54796	0	-0.0003	0.0
SINCERITIES	NonSpecific	0	478265	282	317	0.51713	0	-0.00063	0.0
	ChIP-Seq	24	468864	4820	5156	0.49581	0.01087	-0.00573	0.004633
	STRING	0	478556	154	154	0.54678	0	-0.00032	0.0
PPCOR	NonSpecific	0	478229	318	317	0.51603	0	-0.00066	0.0
	ChIP-Seq	51	469189	4495	5129	0.49522	0.01113	0.00038	0.011219
	STRING	0	470398	8312	154	0.54672	0	-0.00238	0.0
CGP-DSSPD-NR5-EXE1	NonSpecific	9	470244	8303	308	0.51733	0.03098	0.00217	0.001083
	ChIP-Seq	76	465448	8236	5104	0.49451	0.01125	-0.00215	0.009143
	STRING	5	470121	8589	149	0.54665	0.10926	0.00196	0.000582
CGP-DSSPD-NR5-EXE2	NonSpecific	10	469963	8584	307	0.51868	0.03121	0.00264	0.001164
	ChIP-Seq	99	465189	8495	5081	0.49497	0.01156	0.00092	0.01152
	STRING	3	470344	8366	151	0.54652	0.10758	0.00027	0.000358
CGP-DSSPD-NR5-EXE3	NonSpecific	6	470184	8363	311	0.51847	0.02981	0.00028	0.000717
	ChIP-Seq	72	465387	8297	5108	0.49352	0.01144	-0.00285	0.008603
	STRING	2	470176	8534	152	0.54633	0.10519	-0.00066	0.000234
CGP-DSSPD-NR5-EXE4	NonSpecific	5	470016	8531	312	0.51825	0.02856	-0.0004	0.000586
	ChIP-Seq	85	465233	8451	5095	0.49243	0.01141	-0.00112	0.009958
	STRING	2	470297	8413	152	0.54626	0.10442	-0.00063	0.000238
CGP-DSSPD-NR5-EXE5	NonSpecific	10	470142	8405	307	0.51809	0.02772	0.00274	0.001188
	ChIP-Seq	84	465353	8331	5096	0.49196	0.01146	-0.00108	0.009982
	STRING	0	477034	1676	154	0.54626	0	-0.00106	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	0	476871	1676	317	0.51784	0	-0.00153	0.0
	ChIP-Seq	30	471987	1697	5150	0.49279	0.01163	0.00381	0.017371
	STRING	1	477008	1702	153	0.54626	0.10442	0.00089	0.000587
CGP-DSSPD-NR10-EXE2	NonSpecific	1	476845	1702	316	0.51756	0.02531	-0.00017	0.000587
	ChIP-Seq	27	471889	1795	5153	0.49365	0.01179	0.00239	0.014819
	STRING	0	477136	1574	154	0.54613	0	-0.00103	0.0
CGP-DSSPD-NR10-EXE3	NonSpecific	3	476976	1571	314	0.51717	0.0239	0.00278	0.001906
	ChIP-Seq	27	472088	1596	5153	0.49468	0.01195	0.00328	0.016636
	STRING	0	477123	1587	154	0.54606	0	-0.00103	0.0
CGP-DSSPD-NR10-EXE4	NonSpecific	0	476960	1587	317	0.51688	0	-0.00148	0.0
	ChIP-Seq	19	472031	1653	5161	0.49481	0.01198	0.00031	0.011364
	STRING	1	476999	1711	153	0.54593	0.10082	0.00088	0.000584
CGP-DSSPD-NR10-EXE5	NonSpecific	1	476836	1711	316	0.51651	0.0219	-0.00018	0.000584
	ChIP-Seq	14	471940	1744	5166	0.49437	0.01194	-0.00168	0.007964
	STRING	0	478157	553	154	0.54567	0	-0.00061	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	477994	553	317	0.51618	0	-0.00088	0.0
	ChIP-Seq	68	465261	8423	5112	0.4927	0.01179	-0.00365	0.008008
	STRING	0	478029	681	154	0.54567	0	-0.00068	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	477866	681	317	0.51603	0	-0.00097	0.0
	ChIP-Seq	54	468222	5462	5126	0.49161	0.01172	-0.00107	0.00979
	STRING	0	478117	593	154	0.54567	0	-0.00063	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	477954	593	317	0.51598	0	-0.00091	0.0
	ChIP-Seq	41	468965	4719	5139	0.49078	0.01169	-0.00214	0.008613
	STRING	0	477972	738	154	0.54567	0	-0.00071	0.0
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	477809	738	317	0.51588	0	-0.00101	0.0
	ChIP-Seq	54	468992	4692	5126	0.49102	0.01174	0.00054	0.011378
	STRING	0	477487	1223	154	0.54561	0	-0.00091	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	477324	1223	317	0.5158	0	-0.0013	0.0
	ChIP-Seq	27	469406	4278	5153	0.48952	0.01163	-0.00419	0.006272
	STRING	2	477053	1657	152	0.54534	0.09512	0.00291	0.001206
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	1	476889	1658	316	0.51537	0.01935	-0.00014	0.000603
	ChIP-Seq	16	471918	1766	5164	0.48941	0.01164	-0.00109	0.008979
	STRING	1	477152	1558	153	0.54482	0.09077	0.00102	0.000641
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	2	476990	1557	315	0.51661	0.01971	0.00138	0.001283
	ChIP-Seq	28	471976	1708	5152	0.49019	0.01174	0.0031	0.016129
	STRING	0	477089	1621	154	0.54469	0	-0.00104	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	476927	1620	316	0.51597	0.01866	-0.0001	0.000617
	ChIP-Seq	37	471927	1757	5143	0.49154	0.01189	0.00581	0.020624
	STRING	0	477063	1647	154	0.54462	0	-0.00105	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	1	476901	1646	316	0.51704	0.01882	-0.00013	0.000607
	ChIP-Seq	17	471902	1782	5163	0.4911	0.01186	-0.00081	0.00945
	STRING	1	477133	1577	153	0.54449	0.08832	0.001	0.000634
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	476969	1578	317	0.5165	0	-0.00148	0.0
	ChIP-Seq	32	471904	1780	5148	0.49217	0.01197	0.00408	0.01766

3.2 Considering Self-Loop

Tabela 36: Tabular results for hESC problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	0	999149	426	425	0.49984	0	-0.00043	0.0
PIDC	NonSpecific	0	998528	740	732	0.49996	0	-0.00074	0.0
	ChIP-Seq	8	995770	2116	2106	0.50122	0.00713	0.00166	0.003752
	STRING	0	999150	425	425	0.49975	0	-0.00042	0.0
GENIE3	NonSpecific	0	998529	739	732	0.49972	0	-0.00074	0.0
	ChIP-Seq	15	995771	2115	2099	0.50333	0.00904	0.00496	0.007039
	STRING	0	999150	425	425	0.49957	0	-0.00042	0.0
GRNBOOST2	NonSpecific	0	998529	739	732	0.49956	0	-0.00074	0.0
	ChIP-Seq	11	995770	2116	2103	0.50354	0.00836	0.00307	0.005162
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	999068	507	425	0.49934	0	-0.00046	0.0
CGP-DSSPD-NR5-EXE1	NonSpecific	9	981129	18139	723	0.49922	0.00146	-0.00119	0.000486
	ChIP-Seq	31	979769	18117	2083	0.50276	0.00589	-0.0012	0.001674
	STRING	0	999049	526	425	0.49926	0	-0.00047	0.0
CGP-DSSPD-NR5-EXE2	NonSpecific	5	980911	18357	727	0.49889	0.00146	-0.00232	0.000268
	ChIP-Seq	24	979547	18339	2091	0.50178	0.00477	-0.00241	0.001284
	STRING	0	999060	515	425	0.49914	0	-0.00047	0.0
CGP-DSSPD-NR5-EXE3	NonSpecific	14	981168	18100	718	0.4986	0.00146	0.0002	0.000758
	ChIP-Seq	33	979804	18082	2082	0.50115	0.00431	-0.00087	0.001786
	STRING	0	999055	520	425	0.49908	0	-0.00047	0.0
CGP-DSSPD-NR5-EXE4	NonSpecific	8	981758	17510	724	0.49836	0.00146	-0.00136	0.000448
	ChIP-Seq	22	980390	17496	2092	0.50149	0.00436	-0.00249	0.001232
	STRING	0	999084	491	425	0.49898	0	-0.00046	0.0
CGP-DSSPD-NR5-EXE5	NonSpecific	5	981105	18163	727	0.49813	0.00146	-0.0023	0.000271
	ChIP-Seq	24	979742	18144	2090	0.50135	0.00424	-0.00235	0.001299
	STRING	2	995950	3625	423	0.4989	0.00424	0.00037	0.00054
CGP-DSSPD-NR10-EXE1	NonSpecific	6	995647	3621	726	0.49784	0.00146	0.00206	0.001619
	ChIP-Seq	5	994264	3622	2109	0.50119	0.00415	-0.00097	0.001349
	STRING	2	995953	3622	423	0.49871	0.00424	0.00037	0.000542
CGP-DSSPD-NR10-EXE2	NonSpecific	0	995644	3624	732	0.49753	0	-0.00163	0.0
	ChIP-Seq	10	994272	3614	2104	0.50073	0.004	0.00085	0.00271
	STRING	0	996763	2812	425	0.49857	0	-0.0011	0.0
CGP-DSSPD-NR10-EXE3	NonSpecific	4	996460	2808	728	0.49718	0.00146	0.00136	0.001392
	ChIP-Seq	10	995084	2802	2104	0.50122	0.0041	0.00167	0.003481
	STRING	2	995746	3829	423	0.49846	0.00424	0.00029	0.000511
CGP-DSSPD-NR10-EXE4	NonSpecific	0	995437	3831	732	0.4969	0	-0.00168	0.0
	ChIP-Seq	4	994059	3827	2110	0.50078	0.00399	-0.00145	0.001021
	STRING	0	995753	3822	425	0.49825	0	-0.00128	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	4	995450	3818	728	0.49799	0.00205	0.00072	0.001025
	ChIP-Seq	12	994076	3810	2102	0.50111	0.00404	0.00138	0.003075
	STRING	0	996692	2883	425	0.49802	0	-0.00111	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	996385	2883	732	0.49758	0	-0.00145	0.0
	ChIP-Seq	5	995008	2878	2109	0.50079	0.00397	-0.00044	0.001712
	STRING	0	998961	614	425	0.49788	0	-0.00051	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	998313	955	732	0.49732	0	-0.00084	0.0
	ChIP-Seq	11	994746	3140	2103	0.50154	0.00408	0.00169	0.003416
	STRING	0	998876	699	425	0.49775	0	-0.00055	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	997418	1850	732	0.49716	0	-0.00117	0.0
	ChIP-Seq	9	995725	2161	2105	0.50252	0.00422	0.00206	0.004117
	STRING	1	996435	3140	424	0.49762	0.00424	-0.00029	0.000312
CGP-KM-BKM-NR10-EXE4	NonSpecific	5	996132	3136	727	0.49762	0.00214	0.00178	0.001559
	ChIP-Seq	4	994749	3137	2110	0.50217	0.00415	-0.00103	0.001247
	STRING	0	997819	1756	425	0.4973	0	-0.00086	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	997512	1756	732	0.49731	0	-0.00113	0.0
	ChIP-Seq	3	993503	4383	2111	0.50174	0.00408	-0.00207	0.000672
	STRING	0	998756	819	425	0.49697	0	-0.00059	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	998449	819	732	0.49696	0	-0.00077	0.0
	ChIP-Seq	7	994610	3276	2107	0.50181	0.00408	2e-05	0.002096
	STRING	0	998716	859	425	0.49668	0	-0.0006	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	998409	859	732	0.49662	0	-0.00079	0.0
	ChIP-Seq	6	994497	3389	2108	0.50143	0.00402	-0.00044	0.001728
	STRING	1	996902	2673	424	0.49633	0.00424	-0.00013	0.000366
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	2	996596	2672	730	0.49631	0.00198	3e-05	0.000732
	ChIP-Seq	5	995217	2669	2109	0.50126	0.004	-0.00028	0.001829
	STRING	0	998620	955	425	0.4961	0	-0.00064	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	998313	955	732	0.49596	0	-0.00084	0.0
	ChIP-Seq	5	994633	3253	2109	0.50092	0.00396	-0.00072	0.001499
	STRING	0	998669	906	425	0.49586	0	-0.00062	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	998362	906	732	0.49562	0	-0.00081	0.0
	ChIP-Seq	1	994387	3499	2113	0.50011	0.00387	-0.00236	0.000281

Tabela 37: Tabular results for hHep problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	6	997823	1064	1107	0.50177	0.01844	0.00441	0.005386
PIDC	NonSpecific	0	999419	286	295	0.49989	0	-0.00029	0.0
	ChIP-Seq	3	995822	2075	2100	0.49981	0.00284	-0.00066	0.001406
	STRING	5	997779	1108	1108	0.50189	0.01365	0.00338	0.004492
GENIE3	NonSpecific	0	999408	297	295	0.49974	0	-0.0003	0.0
	ChIP-Seq	1	995765	2132	2102	0.49924	0.00236	-0.00165	0.000469
	STRING	7	997782	1105	1106	0.50232	0.0137	0.00519	0.006289
GRNBOOST2	NonSpecific	0	999408	297	295	0.49967	0	-0.0003	0.0
	ChIP-Seq	4	995771	2126	2099	0.4997	0.00288	-0.00023	0.001875
	STRING	1	997792	1095	1112	0.50238	0.01327	-0.0002	0.000898
SINCERITIES	NonSpecific	0	999411	294	295	0.49941	0	-0.0003	0.0
	ChIP-Seq	2	995797	2100	2101	0.49925	0.00271	-0.00115	0.000937
	STRING	0	997901	986	1113	0.50091	0	-0.00105	0.0
PPCOR	NonSpecific	0	998719	986	295	0.49868	0	-0.00054	0.0
	ChIP-Seq	0	996911	986	2103	0.49865	0	-0.00144	0.0
	STRING	24	980857	18030	1089	0.50083	0.01037	0.00088	0.001296
CGP-DSSPD-NR5-EXE1	NonSpecific	0	999282	423	295	0.49852	0	-0.00035	0.0
	ChIP-Seq	75	979917	17980	2029	0.5007	0.00342	0.00607	0.004051
	STRING	21	980552	18335	1092	0.5003	0.00985	0.00013	0.001116
CGP-DSSPD-NR5-EXE2	NonSpecific	0	999249	456	295	0.49846	0	-0.00037	0.0
	ChIP-Seq	66	979606	18291	2038	0.50125	0.00354	0.00445	0.003508
	STRING	24	980107	18780	1089	0.50027	0.00981	0.00068	0.001245
CGP-DSSPD-NR5-EXE3	NonSpecific	1	999277	428	294	0.49842	0.00334	0.00246	0.002217
	ChIP-Seq	41	979133	18764	2063	0.50132	0.0035	0.00023	0.002127
	STRING	25	980441	18446	1088	0.50067	0.01008	0.00099	0.001322
CGP-DSSPD-NR5-EXE4	NonSpecific	0	999275	430	295	0.4984	0	-0.00036	0.0
	ChIP-Seq	34	979460	18437	2069	0.50139	0.00347	-0.00078	0.001797
	STRING	24	980222	18665	1089	0.5006	0.01	0.00071	0.001253
CGP-DSSPD-NR5-EXE5	NonSpecific	0	999256	449	295	0.49834	0	-0.00036	0.0
	ChIP-Seq	33	979239	18658	2072	0.50123	0.0034	-0.00102	0.001723
	STRING	6	995090	3797	1107	0.50069	0.01004	0.00086	0.001541
CGP-DSSPD-NR10-EXE1	NonSpecific	2	995904	3801	293	0.49827	0.00334	0.00083	0.000514
	ChIP-Seq	6	994100	3797	2097	0.50052	0.00325	-0.00071	0.001541
	STRING	5	994798	4089	1108	0.50029	0.00978	0.00021	0.00119
CGP-DSSPD-NR10-EXE2	NonSpecific	0	999408	297	295	0.49822	0	-0.0003	0.0
	ChIP-Seq	8	993811	4086	2095	0.50033	0.00321	-0.00021	0.001903
	STRING	3	997342	1545	1110	0.50031	0.00978	0.00097	0.001875
CGP-DSSPD-NR10-EXE3	NonSpecific	0	999034	671	295	0.49817	0	-0.00044	0.0
	ChIP-Seq	15	992373	5524	2088	0.50086	0.00328	0.00099	0.002634
	STRING	4	995167	3720	1109	0.50078	0.01003	-7e-05	0.001039
CGP-DSSPD-NR10-EXE4	NonSpecific	0	999422	283	295	0.49812	0	-0.00029	0.0
	ChIP-Seq	22	994195	3702	2081	0.50113	0.00331	0.00508	0.005716
	STRING	2	995065	3822	1111	0.50037	0.0098	-0.0011	0.00051
CGP-DSSPD-NR10-EXE5	NonSpecific	2	995883	3822	293	0.49804	0.00334	0.00082	0.00051
	ChIP-Seq	14	994087	3810	2089	0.50238	0.00346	0.00211	0.003573
	STRING	3	996549	2338	1110	0.50057	0.00989	0.00024	0.001253
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	997364	2341	295	0.49789	0	-0.00083	0.0
	ChIP-Seq	0	995556	2341	2103	0.50131	0	-0.00222	0.0
	STRING	3	996971	1916	1110	0.50032	0.00977	0.00059	0.001549
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	997786	1919	295	0.49785	0	-0.00075	0.0
	ChIP-Seq	0	995495	2402	2103	0.50056	0	-0.00225	0.0
	STRING	2	997269	1618	1111	0.49987	0.00954	0.00015	0.001224
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	998085	1620	295	0.49775	0	-0.00069	0.0
	ChIP-Seq	0	995781	2116	2103	0.49994	0	-0.00211	0.0
	STRING	5	996727	2160	1108	0.49957	0.00941	0.00167	0.002282
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	997540	2165	295	0.49771	0	-0.0008	0.0
	ChIP-Seq	0	995732	2165	2103	0.49943	0	-0.00214	0.0
	STRING	5	996196	2691	1108	0.49921	0.00925	0.00116	0.001825
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	997009	2696	295	0.49761	0	-0.00089	0.0
	ChIP-Seq	0	995201	2696	2103	0.49882	0	-0.00239	0.0
	STRING	5	996042	2845	1108	0.49846	0.00897	0.00103	0.001702
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	0	996855	2850	295	0.49749	0	-0.00092	0.0
	ChIP-Seq	6	995053	2844	2097	0.49853	0.00301	0	0.002042
	STRING	4	995232	3655	1109	0.49866	0.0091	-4e-05	0.00106
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	2	996048	3657	293	0.49736	0.00334	0.00089	0.00053
	ChIP-Seq	4	994242	3655	2099	0.49823	0.00299	-0.00134	0.00106
	STRING	0	997566	1321	1113	0.49857	0	-0.00121	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	998384	1321	295	0.49732	0	-0.00063	0.0
	ChIP-Seq	10	993840	4057	2093	0.4976	0.00294	0.0005	0.002395
	STRING	3	996012	2875	1110	0.49891	0.00921	-0.00011	0.001002
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	2	996829	2876	293	0.49726	0.00334	0.00125	0.000668
	ChIP-Seq	0	995019	2878	2103	0.49662	0	-0.00247	0.0
	STRING	7	994043	4844	1106	0.49876	0.00918	0.00069	0.001406
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	994854	4851	295	0.49721	0	-0.0012	0.0
	ChIP-Seq	11	993057	4840	2092	0.49758	0.00296	0.00025	0.00221

Tabela 38: Tabular results for mDC problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	6	998307	844	843	0.50293	0.04438	0.00622	0.007059
PIDC	NonSpecific	0	998980	510	510	0.49961	0	-0.00051	0.0
	ChIP-Seq	1	999381	309	309	0.50147	0.0273	0.00292	0.003226
	STRING	1	998303	848	848	0.50299	0.03118	0.00033	0.001178
GENIE3	NonSpecific	1	998981	509	509	0.50031	0.0085	0.00145	0.001961
	ChIP-Seq	0	999380	310	310	0.50131	0	-0.00031	0.0
	STRING	2	998304	847	847	0.50338	0.03008	0.00151	0.002356
GRNBOOST2	NonSpecific	0	998980	510	510	0.50018	0	-0.00051	0.0
	ChIP-Seq	0	999380	310	310	0.50124	0	-0.00031	0.0
	STRING	0	998348	803	849	0.50284	0	-0.00083	0.0
SINCERITIES	NonSpecific	0	999006	484	510	0.50014	0	-0.0005	0.0
	ChIP-Seq	0	999396	294	310	0.50099	0	-0.0003	0.0
	STRING	0	998151	1000	849	0.50114	0	-0.00092	0.0
PPCOR	NonSpecific	0	998490	1000	510	0.49914	0	-0.00072	0.0
	ChIP-Seq	0	998690	1000	310	0.50032	0	-0.00056	0.0
	STRING	15	977808	21343	834	0.50092	0.01531	-0.00074	0.000702
CGP-DSSPD-NR5-EXE1	NonSpecific	10	978142	21348	500	0.49891	0.00508	-0.00027	0.000468
	ChIP-Seq	7	978339	21351	303	0.5001	0.00473	0.00015	0.000328
	STRING	15	978000	21151	834	0.50239	0.01758	-0.00071	0.000709
CGP-DSSPD-NR5-EXE2	NonSpecific	8	978332	21158	502	0.49968	0.00641	-0.00086	0.000378
	ChIP-Seq	5	978529	21161	305	0.49991	0.00446	-0.00062	0.000236
	STRING	17	978184	20967	832	0.50261	0.0176	-0.00019	0.00081
CGP-DSSPD-NR5-EXE3	NonSpecific	10	978516	20974	500	0.49944	0.00613	-0.00022	0.000477
	ChIP-Seq	7	978713	20977	303	0.4997	0.00423	0.0002	0.000334
	STRING	17	978365	20786	832	0.50293	0.01782	-0.00016	0.000817
CGP-DSSPD-NR5-EXE4	NonSpecific	13	978700	20790	497	0.49926	0.00595	0.00074	0.000625
	ChIP-Seq	9	978896	20794	301	0.49945	0.00401	0.00102	0.000433
	STRING	17	978654	20497	832	0.50275	0.01744	-0.0001	0.000829
CGP-DSSPD-NR5-EXE5	NonSpecific	7	978983	20507	503	0.49908	0.00579	-0.00108	0.000341
	ChIP-Seq	8	979184	20506	302	0.49924	0.00386	0.00066	0.00039
	STRING	9	995217	3934	840	0.50234	0.01664	0.0031	0.002283
CGP-DSSPD-NR10-EXE1	NonSpecific	3	995550	3940	507	0.49889	0.00565	0.0007	0.000761
	ChIP-Seq	1	995748	3942	309	0.49905	0.00375	-0.0002	0.000254
	STRING	7	994791	4360	842	0.5026	0.01677	0.00171	0.001603
CGP-DSSPD-NR10-EXE2	NonSpecific	4	995127	4363	506	0.49871	0.00553	0.00119	0.000916
	ChIP-Seq	1	995324	4366	309	0.49888	0.00366	-0.0003	0.000229
	STRING	2	995045	4106	847	0.50276	0.01675	-0.0008	0.000487
CGP-DSSPD-NR10-EXE3	NonSpecific	1	995383	4107	509	0.49951	0.00639	-0.00076	0.000243
	ChIP-Seq	0	995582	4108	310	0.49872	0	-0.00113	0.0
	STRING	3	994697	4454	846	0.50244	0.01626	-0.0004	0.000673
CGP-DSSPD-NR10-EXE4	NonSpecific	3	995036	4454	507	0.49927	0.0062	0.00048	0.000673
	ChIP-Seq	0	995233	4457	310	0.49861	0	-0.00118	0.0
	STRING	1	994973	4178	848	0.50205	0.01573	-0.00136	0.000239
CGP-DSSPD-NR10-EXE5	NonSpecific	3	995314	4176	507	0.49905	0.00605	0.0006	0.000718
	ChIP-Seq	3	995514	4176	307	0.49844	0.00348	0.0015	0.000718
	STRING	0	997680	1471	849	0.50149	0	-0.00112	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	998019	1471	510	0.49891	0	-0.00087	0.0
	ChIP-Seq	0	998219	1471	310	0.49826	0	-0.00068	0.0
	STRING	0	998147	1004	849	0.50122	0	-0.00092	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	998486	1004	510	0.49873	0	-0.00072	0.0
	ChIP-Seq	0	998686	1004	310	0.49811	0	-0.00056	0.0
	STRING	0	997661	1490	849	0.50057	0	-0.00113	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	998000	1490	510	0.49868	0	-0.00087	0.0
	ChIP-Seq	0	998200	1490	310	0.49806	0	-0.00068	0.0
	STRING	1	997718	1433	848	0.50111	0.01462	-0.0002	0.000697
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	998056	1434	510	0.49835	0	-0.00086	0.0
	ChIP-Seq	0	998256	1434	310	0.49781	0	-0.00067	0.0
	STRING	1	996366	2785	848	0.50054	0.01414	-0.00089	0.000359
CGP-KM-BKM-NR10-EXE5	NonSpecific	3	996707	2783	507	0.49825	0.0056	0.00133	0.001077
	ChIP-Seq	0	996904	2786	310	0.49764	0	-0.00093	0.0
	STRING	4	995423	3728	845	0.50088	0.0144	0.00047	0.001072
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	3	995761	3729	507	0.49906	0.00622	0.0008	0.000804
	ChIP-Seq	3	995961	3729	307	0.49912	0.00414	0.00172	0.000804
	STRING	7	995690	3461	842	0.50115	0.01459	0.00237	0.002018
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	3	996025	3465	507	0.49892	0.00614	0.00093	0.000865
	ChIP-Seq	1	996223	3467	309	0.49892	0.00406	-7e-05	0.000288
	STRING	3	995567	3584	846	0.5008	0.01432	-3e-05	0.000836
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	2	995905	3585	508	0.49879	0.00607	0.00013	0.000558
	ChIP-Seq	1	996104	3586	309	0.49877	0.00401	-0.00011	0.000279
	STRING	6	995402	3749	843	0.50051	0.01413	0.00158	0.001598
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	1	995736	3754	509	0.49958	0.00661	-0.00066	0.000266
	ChIP-Seq	1	995936	3754	309	0.49862	0.00395	-0.00015	0.000266
	STRING	7	995391	3760	842	0.50198	0.01514	0.00213	0.001858
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	6	995729	3761	504	0.49942	0.00651	0.00295	0.001593
	ChIP-Seq	2	995925	3765	308	0.50007	0.00471	0.00077	0.000531

Tabela 39: Tabular results for mESC problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	5	998593	701	701	0.50313	0.06178	0.00638	0.007082
PIDC	NonSpecific	0	997683	1160	1157	0.49981	0	-0.00116	0.0
	ChIP-Seq	190	977798	11006	11006	0.50356	0.02519	0.00584	0.01697
	STRING	21	998609	685	685	0.51357	0.07868	0.02906	0.029745
GENIE3	NonSpecific	10	997696	1147	1147	0.50349	0.01435	0.00749	0.008643
	ChIP-Seq	293	977901	10903	10903	0.50712	0.02465	0.01514	0.02617
	STRING	21	998609	685	685	0.51875	0.08156	0.02906	0.029745
GRNBOOST2	NonSpecific	11	997697	1146	1146	0.50523	0.01446	0.00836	0.009507
	ChIP-Seq	288	977896	10908	10908	0.50859	0.02495	0.01469	0.025723
	STRING	1	998602	692	705	0.51875	0.06569	0.00073	0.001416
SINCERITIES	NonSpecific	3	997714	1129	1154	0.50582	0.01179	0.00148	0.002593
	ChIP-Seq	120	978117	10687	11076	0.50896	0.02359	-9e-05	0.010718
	STRING	0	998294	1000	706	0.51719	0	-0.00084	0.0
PPCOR	NonSpecific	0	997843	1000	1157	0.50482	0	-0.00108	0.0
	ChIP-Seq	0	987804	1000	11196	0.50832	0	-0.00337	0.0
	STRING	15	979532	19762	691	0.51691	0.04482	0.00028	0.000758
CGP-DSSPD-NR5-EXE1	NonSpecific	22	979088	19755	1135	0.5043	0.00785	-0.00019	0.001112
	ChIP-Seq	198	969225	19579	10998	0.50727	0.02186	-0.0016	0.010012
	STRING	13	980006	19288	693	0.51658	0.04276	-0.00017	0.000674
CGP-DSSPD-NR5-EXE2	NonSpecific	29	979571	19272	1128	0.50462	0.00766	0.00143	0.001503
	ChIP-Seq	224	969727	19077	10972	0.50731	0.02138	0.00055	0.011606
	STRING	12	979686	19608	694	0.51642	0.04185	-0.0005	0.000612
CGP-DSSPD-NR5-EXE3	NonSpecific	18	979241	19602	1139	0.50412	0.00711	-0.001	0.000917
	ChIP-Seq	234	969418	19386	10962	0.50764	0.02117	0.00098	0.011927
	STRING	23	979436	19858	683	0.51606	0.03996	0.00242	0.001157
CGP-DSSPD-NR5-EXE4	NonSpecific	31	978993	19850	1126	0.50362	0.00668	0.00169	0.001559
	ChIP-Seq	204	969127	19677	10992	0.50685	0.02077	-0.00127	0.010261
	STRING	12	980775	18519	694	0.51721	0.0404	-0.0003	0.000648
CGP-DSSPD-NR5-EXE5	NonSpecific	18	980330	18513	1139	0.50439	0.00685	-0.00075	0.000971
	ChIP-Seq	221	970494	18310	10975	0.5067	0.02058	0.00095	0.011926
	STRING	2	995272	4022	704	0.51757	0.03968	-0.0005	0.000497
CGP-DSSPD-NR10-EXE1	NonSpecific	1	994820	4023	1156	0.50392	0.00653	-0.0017	0.000249
	ChIP-Seq	82	981168	7636	11114	0.50674	0.02051	-0.00048	0.010625
	STRING	3	995462	3832	703	0.51794	0.03907	0.00018	0.000782
CGP-DSSPD-NR10-EXE2	NonSpecific	5	995013	3830	1152	0.50335	0.0062	0.00027	0.001304
	ChIP-Seq	221	973564	15240	10975	0.50831	0.02073	0.00369	0.014294
	STRING	1	995324	3970	705	0.51751	0.03745	-0.00108	0.000252
CGP-DSSPD-NR10-EXE3	NonSpecific	2	994874	3969	1155	0.50365	0.00621	-0.00121	0.000504
	ChIP-Seq	100	977259	11545	11096	0.50706	0.02037	-0.00269	0.008587
	STRING	2	995217	4077	704	0.51784	0.03689	-0.00052	0.00049
CGP-DSSPD-NR10-EXE4	NonSpecific	8	994772	4071	1149	0.50402	0.00625	0.00151	0.001961
	ChIP-Seq	130	976934	11870	11066	0.50663	0.02023	-0.00038	0.010833
	STRING	1	995426	3868	705	0.51823	0.03658	-0.00105	0.000258
CGP-DSSPD-NR10-EXE5	NonSpecific	2	994976	3867	1155	0.50346	0.00601	-0.00117	0.000517
	ChIP-Seq	142	977356	11448	11054	0.50731	0.02028	0.00109	0.012252
	STRING	0	998395	899	706	0.51805	0	-0.0008	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	2	994001	4842	1155	0.50286	0.00578	-0.00153	0.000413
	ChIP-Seq	104	977420	11384	11092	0.5064	0.02005	-0.0022	0.009053
	STRING	2	998295	999	704	0.51934	0.03708	0.00154	0.001998
CGP-KM-BKM-NR10-EXE2	NonSpecific	6	993725	5118	1151	0.50345	0.00593	3e-05	0.001171
	ChIP-Seq	117	978090	10714	11079	0.50642	0.02002	-0.00039	0.010802
	STRING	0	998317	977	706	0.51926	0	-0.00083	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	10	993536	5307	1147	0.50443	0.00617	0.00156	0.001881
	ChIP-Seq	133	979165	9639	11063	0.50739	0.02011	0.00228	0.01361
	STRING	2	997485	1809	704	0.51985	0.03718	0.00064	0.001104
CGP-KM-BKM-NR10-EXE4	NonSpecific	2	997034	1809	1155	0.50458	0.00618	-7e-05	0.001104
	ChIP-Seq	110	979814	8990	11086	0.50795	0.02014	0.00081	0.012088
	STRING	1	998438	856	705	0.51977	0.03695	0.00051	0.001167
CGP-KM-BKM-NR10-EXE5	NonSpecific	1	997658	1185	1156	0.50441	0.00613	-0.00032	0.000843
	ChIP-Seq	117	975701	13103	11079	0.50728	0.02003	-0.00258	0.00885
	STRING	4	995187	4107	702	0.52142	0.03756	0.00065	0.000973
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	2	994734	4109	1155	0.50409	0.00598	-0.00127	0.000486
	ChIP-Seq	66	980839	7965	11130	0.50642	0.01986	-0.00255	0.008218
	STRING	1	997084	2210	705	0.52187	0.03752	-0.00045	0.000452
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	996633	2210	1156	0.50404	0.00595	-0.00098	0.000452
	ChIP-Seq	83	979048	9756	11113	0.5057	0.01973	-0.00262	0.008436
	STRING	0	996806	2488	706	0.52129	0	-0.00133	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	3	996358	2485	1154	0.50415	0.00591	7e-05	0.001206
	ChIP-Seq	108	977040	11764	11088	0.50488	0.01966	-0.00219	0.009097
	STRING	1	994932	4362	705	0.52148	0.03549	-0.00119	0.000229
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	3	994483	4360	1154	0.50391	0.00584	-0.00091	0.000688
	ChIP-Seq	76	980647	8157	11120	0.50425	0.01959	-0.0017	0.009231
	STRING	4	996853	2441	702	0.52224	0.03515	0.00173	0.001636
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	2	996400	2443	1155	0.50424	0.00588	-0.00049	0.000818
	ChIP-Seq	56	982625	6179	11140	0.50399	0.01956	-0.00167	0.008982

Tabela 40: Tabular results for mHSC-E problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	38	998555	704	703	0.52298	0.0702	0.05054	0.051213
PIDC	NonSpecific	17	998649	667	667	0.51152	0.04245	0.02419	0.024854
	ChIP-Seq	33	985730	7119	7118	0.49879	0.0069	-0.00255	0.004614
	STRING	16	998534	725	725	0.52321	0.0523	0.02087	0.021592
GENIE3	NonSpecific	9	998641	675	675	0.51312	0.03124	0.01248	0.013158
	ChIP-Seq	7	985705	7144	7144	0.49679	0.00547	-0.00622	0.000979
	STRING	18	998536	723	723	0.52259	0.04885	0.02357	0.024291
GRNBOOST2	NonSpecific	13	998645	671	671	0.51286	0.02854	0.01833	0.019006
	ChIP-Seq	11	985709	7140	7140	0.49573	0.00559	-0.00565	0.001538
	STRING	1	998529	730	740	0.52293	0.0473	0.00062	0.00135
SINCERITIES	NonSpecific	0	998642	674	684	0.51246	0	-0.00068	0.0
	ChIP-Seq	36	985836	7013	7115	0.49485	0.00608	-0.00204	0.005034
	STRING	0	998259	1000	741	0.52145	0	-0.00086	0.0
PPCOR	NonSpecific	0	998316	1000	684	0.51154	0	-0.00083	0.0
	ChIP-Seq	39	985736	7113	7112	0.4939	0.00595	-0.00171	0.005453
	STRING	10	981909	17350	731	0.5209	0.03755	-0.00081	0.000576
CGP-DSSPD-NR5-EXE1	NonSpecific	12	981968	17348	672	0.51201	0.01968	4e-05	0.000691
	ChIP-Seq	107	975596	17253	7044	0.49322	0.00614	-0.00156	0.006164
	STRING	9	980370	18889	732	0.52174	0.03707	-0.00135	0.000476
CGP-DSSPD-NR5-EXE2	NonSpecific	16	980434	18882	668	0.51237	0.01907	0.00086	0.000847
	ChIP-Seq	106	974057	18792	7045	0.49209	0.00617	-0.00254	0.005609
	STRING	8	980138	19121	733	0.52129	0.03577	-0.00166	0.000418
CGP-DSSPD-NR5-EXE3	NonSpecific	8	980195	19121	676	0.51205	0.01827	-0.00142	0.000418
	ChIP-Seq	121	973841	19008	7030	0.49208	0.00636	-0.00137	0.006325
	STRING	15	979953	19306	726	0.52086	0.03467	0.00018	0.000776
CGP-DSSPD-NR5-EXE4	NonSpecific	19	980014	19302	665	0.51251	0.01809	0.00161	0.000983
	ChIP-Seq	152	973680	19169	6999	0.49274	0.0066	0.00119	0.007867
	STRING	13	979909	19350	728	0.52121	0.03437	-0.00036	0.000671
CGP-DSSPD-NR5-EXE5	NonSpecific	11	979964	19352	673	0.51223	0.0175	-0.00062	0.000568
	ChIP-Seq	116	973602	19247	7035	0.49231	0.00664	-0.00194	0.005991
	STRING	4	995166	4093	737	0.52216	0.03442	0.00056	0.000976
CGP-DSSPD-NR10-EXE1	NonSpecific	1	995220	4096	683	0.51197	0.01703	-0.00108	0.000244
	ChIP-Seq	60	984951	7898	7091	0.49258	0.00677	0.00041	0.00754
	STRING	5	995394	3865	736	0.52311	0.03449	0.00126	0.001292
CGP-DSSPD-NR10-EXE2	NonSpecific	1	995447	3869	683	0.5117	0.01657	-0.00102	0.000258
	ChIP-Seq	33	985098	7751	7118	0.49084	0.00665	-0.00306	0.004239
	STRING	3	995307	3952	738	0.52274	0.03372	4e-05	0.000759
CGP-DSSPD-NR10-EXE3	NonSpecific	2	995363	3953	682	0.51134	0.01604	-0.00043	0.000506
	ChIP-Seq	62	984974	7875	7089	0.49042	0.00668	0.0007	0.007812
	STRING	2	995408	3851	739	0.523	0.03335	-0.00051	0.000519
CGP-DSSPD-NR10-EXE4	NonSpecific	2	995465	3851	682	0.51171	0.0159	-0.00039	0.000519
	ChIP-Seq	117	977806	15043	7034	0.49059	0.00676	0.00083	0.007718
	STRING	4	994201	5058	737	0.52324	0.03297	0.00013	0.00079
CGP-DSSPD-NR10-EXE5	NonSpecific	4	994258	5058	680	0.5114	0.01553	0.00029	0.00079
	ChIP-Seq	43	985224	7625	7108	0.49003	0.00676	-0.00161	0.005608
	STRING	2	998235	1024	739	0.52415	0.03304	0.00142	0.001949
CGP-KM-BKM-NR10-EXE1	NonSpecific	1	998291	1025	683	0.51179	0.01547	0.00036	0.000975
	ChIP-Seq	47	984508	8341	7104	0.48837	0.00668	-0.00169	0.005603
	STRING	6	995729	3530	735	0.52573	0.03349	0.00209	0.001697
CGP-KM-BKM-NR10-EXE2	NonSpecific	2	995782	3534	682	0.51222	0.01547	-0.00027	0.000566
	ChIP-Seq	39	986825	6024	7112	0.48829	0.00671	-0.00067	0.006432
	STRING	1	998236	1023	740	0.52562	0.03331	0.00028	0.000977
CGP-KM-BKM-NR10-EXE3	NonSpecific	1	998293	1023	683	0.51207	0.01532	0.00036	0.000977
	ChIP-Seq	44	985712	7137	7107	0.48802	0.00673	-0.00103	0.006127
	STRING	1	997490	1769	740	0.52538	0.03293	-0.00027	0.000565
CGP-KM-BKM-NR10-EXE4	NonSpecific	1	997547	1769	683	0.51181	0.01507	-0.00019	0.000565
	ChIP-Seq	28	984145	8704	7123	0.48633	0.00665	-0.00439	0.003207
	STRING	1	998101	1158	740	0.52532	0.03284	0.00015	0.000863
CGP-KM-BKM-NR10-EXE5	NonSpecific	1	998158	1158	683	0.51171	0.01498	0.00023	0.000863
	ChIP-Seq	14	985466	7383	7137	0.48429	0.00656	-0.00539	0.001893
	STRING	0	997279	1980	741	0.5251	0	-0.00121	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	1	997337	1979	683	0.51156	0.01485	-0.0003	0.000505
	ChIP-Seq	19	987489	5360	7132	0.48306	0.00651	-0.00316	0.003532
	STRING	0	998500	759	741	0.52506	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	0	998579	737	684	0.51138	0	-0.00071	0.0
	ChIP-Seq	48	983667	9182	7103	0.48229	0.00651	-0.00223	0.0052
	STRING	5	995587	3672	736	0.52496	0.03229	0.00138	0.00136
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	995639	3677	684	0.51119	0	-0.00159	0.0
	ChIP-Seq	20	988980	3869	7131	0.48177	0.0065	-0.00149	0.005143
	STRING	0	998507	752	741	0.52482	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	0	998605	711	684	0.51105	0	-0.0007	0.0
	ChIP-Seq	58	983500	9349	7093	0.48134	0.00652	-0.00114	0.006166
	STRING	0	998509	750	741	0.52472	0	-0.00075	0.0
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	998566	750	684	0.51087	0	-0.00072	0.0
	ChIP-Seq	42	986144	6705	7109	0.48077	0.00653	-0.00091	0.006225

Tabela 41: Tabular results for mHSC-GM problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	24	998265	856	855	0.51119	0.04148	0.02643	0.027273
PIDC	NonSpecific	14	998575	706	705	0.50891	0.03721	0.01875	0.019444
	ChIP-Seq	65	983733	8101	8101	0.49988	0.00917	-0.00021	0.00796
	STRING	33	998275	846	846	0.52307	0.04988	0.0367	0.037543
GENIE3	NonSpecific	11	998573	708	708	0.51267	0.03511	0.01459	0.015299
	ChIP-Seq	44	983712	8122	8122	0.499	0.00824	-0.0028	0.005388
	STRING	39	998281	840	840	0.52833	0.0531	0.04353	0.044369
GRNBOOST2	NonSpecific	15	998577	704	704	0.51595	0.03637	0.02016	0.020862
	ChIP-Seq	57	983725	8109	8109	0.49871	0.00826	-0.0012	0.00698
	STRING	0	998245	876	879	0.52815	0	-0.00088	0.0
SINCERITIES	NonSpecific	0	998565	716	719	0.51587	0	-0.00072	0.0
	ChIP-Seq	56	983790	8044	8110	0.49806	0.0083	-0.00126	0.006858
	STRING	0	998121	1000	879	0.52662	0	-0.00094	0.0
PPCOR	NonSpecific	0	998281	1000	719	0.51491	0	-0.00085	0.0
	ChIP-Seq	0	990834	1000	8166	0.49753	0	-0.00287	0.0
	STRING	19	986837	12284	860	0.5269	0.04074	0.00251	0.001544
CGP-DSSPD-NR5-EXE1	NonSpecific	10	986988	12293	709	0.51517	0.02181	0.00039	0.000813
	ChIP-Seq	73	979604	12230	8093	0.4963	0.00802	-0.00277	0.005934
	STRING	9	987006	12115	870	0.5264	0.03868	-0.00051	0.000742
CGP-DSSPD-NR5-EXE2	NonSpecific	9	987166	12115	710	0.51539	0.02015	0.0001	0.000742
	ChIP-Seq	117	979827	12007	8049	0.49751	0.00851	0.00183	0.00965
	STRING	16	986944	12177	863	0.52614	0.0377	0.00162	0.001312
CGP-DSSPD-NR5-EXE3	NonSpecific	12	987100	12181	707	0.51568	0.01912	0.0011	0.000984
	ChIP-Seq	120	979761	12073	8046	0.49878	0.00885	0.00207	0.009842
	STRING	12	985129	13992	867	0.52632	0.03683	-9e-05	0.000857
CGP-DSSPD-NR5-EXE4	NonSpecific	16	985293	13988	703	0.51587	0.01802	0.00188	0.001143
	ChIP-Seq	105	977935	13899	8061	0.49843	0.00882	-0.00089	0.007498
	STRING	8	986677	12444	871	0.5259	0.03554	-0.0009	0.000642
CGP-DSSPD-NR5-EXE5	NonSpecific	13	986842	12439	706	0.51612	0.01728	0.00136	0.001044
	ChIP-Seq	102	979484	12350	8064	0.4984	0.00884	3e-05	0.008191
	STRING	4	996682	2439	875	0.5267	0.03543	0.00127	0.001637
CGP-DSSPD-NR10-EXE1	NonSpecific	0	996838	2443	719	0.5158	0	-0.00133	0.0
	ChIP-Seq	19	989303	2531	8147	0.49839	0.00885	-0.0004	0.007451
	STRING	2	996676	2445	877	0.52685	0.03474	-0.0001	0.000817
CGP-DSSPD-NR10-EXE2	NonSpecific	0	996834	2447	719	0.51547	0	-0.00133	0.0
	ChIP-Seq	14	989351	2483	8152	0.49803	0.00881	-0.00142	0.005607
	STRING	2	996795	2326	877	0.52647	0.03381	-3e-05	0.000859
CGP-DSSPD-NR10-EXE3	NonSpecific	3	996956	2325	716	0.51519	0.01541	0.00103	0.001289
	ChIP-Seq	25	989431	2403	8141	0.49831	0.00886	0.00117	0.010297
	STRING	2	996775	2346	877	0.5266	0.03314	-5e-05	0.000852
CGP-DSSPD-NR10-EXE4	NonSpecific	1	996934	2347	718	0.51555	0.01524	-0.00053	0.000426
	ChIP-Seq	13	989422	2412	8153	0.4979	0.00881	-0.00154	0.005361
	STRING	0	996676	2445	879	0.52613	0	-0.00147	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	3	996839	2442	716	0.51584	0.01498	0.00094	0.001227
	ChIP-Seq	29	989324	2510	8137	0.49834	0.00888	0.00183	0.011422
	STRING	0	997346	1775	879	0.5257	0	-0.00125	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	1	997507	1774	718	0.51549	0.01451	-0.00024	0.000563
	ChIP-Seq	158	980071	11763	8008	0.50085	0.00921	0.00621	0.013254
	STRING	4	996140	2981	875	0.526	0.03082	0.00085	0.00134
CGP-KM-BKM-NR10-EXE2	NonSpecific	5	996301	2980	714	0.51668	0.0144	0.00195	0.001675
	ChIP-Seq	50	978450	13384	8116	0.49972	0.00907	-0.00576	0.003722
	STRING	1	997114	2007	878	0.52569	0.03008	-0.00058	0.000498
CGP-KM-BKM-NR10-EXE3	NonSpecific	2	997275	2006	717	0.51649	0.01399	0.00046	0.000996
	ChIP-Seq	47	983188	8646	8119	0.49842	0.00893	-0.00287	0.005407
	STRING	1	997244	1877	878	0.52555	0.02928	-0.00051	0.000532
CGP-KM-BKM-NR10-EXE4	NonSpecific	3	997406	1875	716	0.5164	0.01395	0.00142	0.001597
	ChIP-Seq	69	977736	14098	8097	0.49694	0.00877	-0.00439	0.00487
	STRING	0	997399	1722	879	0.52538	0	-0.00123	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	997559	1722	719	0.51623	0	-0.00111	0.0
	ChIP-Seq	70	982995	8839	8096	0.49703	0.00878	-0.00032	0.007857
	STRING	3	996605	2516	876	0.52525	0.02828	0.00053	0.001191
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	1	996763	2518	718	0.51582	0.01331	-0.0006	0.000397
	ChIP-Seq	29	988981	2853	8137	0.49742	0.00883	0.00113	0.010062
	STRING	6	996630	2491	873	0.52581	0.02807	0.00257	0.002403
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	3	996787	2494	716	0.51552	0.01301	0.0009	0.001201
	ChIP-Seq	32	989023	2811	8134	0.49769	0.00885	0.00183	0.011256
	STRING	1	996782	2339	878	0.52535	0.02748	-0.00074	0.000427
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	996941	2340	719	0.51517	0	-0.0013	0.0
	ChIP-Seq	34	989088	2746	8132	0.49849	0.00893	0.00238	0.01223
	STRING	5	996730	2391	874	0.52472	0.02676	0.002	0.002087
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	3	996888	2393	716	0.51483	0.01242	0.00097	0.001252
	ChIP-Seq	28	989022	2812	8138	0.49837	0.00892	0.001	0.009859
	STRING	3	996717	2404	876	0.5247	0.0264	0.00061	0.001246
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	3	996877	2404	716	0.51445	0.01213	0.00097	0.001246
	ChIP-Seq	8	989072	2762	8158	0.49749	0.00884	-0.00309	0.002888

Tabela 42: Tabular results for mHSC-L problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
PIDC	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
	STRING	9	478565	145	145	0.54852	0.1456	0.05814	0.058442
GENIE3	NonSpecific	7	478237	310	310	0.51757	0.05981	0.02143	0.022082
	ChIP-Seq	49	468552	5132	5131	0.49843	0.01145	-0.00137	0.009458
	STRING	7	478563	147	147	0.54842	0.14181	0.04515	0.045455
GRNBOOST2	NonSpecific	5	478235	312	312	0.51748	0.05404	0.01512	0.015773
	ChIP-Seq	52	468556	5128	5128	0.49877	0.01184	-0.00079	0.010039
	STRING	0	478578	132	154	0.54796	0	-0.0003	0.0
SINCERITIES	NonSpecific	0	478265	282	317	0.51713	0	-0.00063	0.0
	ChIP-Seq	24	468864	4820	5156	0.49581	0.01087	-0.00573	0.004633
	STRING	0	478018	692	154	0.54678	0	-0.00068	0.0
PPCOR	NonSpecific	0	477855	692	317	0.51603	0	-0.00098	0.0
	ChIP-Seq	51	468555	5129	5129	0.49522	0.01113	-0.00098	0.009846
	STRING	0	470387	8323	154	0.54672	0	-0.00238	0.0
CGP-DSSPD-NR5-EXE1	NonSpecific	9	470233	8314	308	0.51733	0.03098	0.00217	0.001081
	ChIP-Seq	76	465437	8247	5104	0.49451	0.01125	-0.00217	0.009131
	STRING	5	470113	8597	149	0.54665	0.10926	0.00196	0.000581
CGP-DSSPD-NR5-EXE2	NonSpecific	10	469955	8592	307	0.51868	0.03121	0.00263	0.001163
	ChIP-Seq	99	465181	8503	5081	0.49497	0.01156	0.0009	0.011509
	STRING	3	470329	8381	151	0.54652	0.10758	0.00027	0.000358
CGP-DSSPD-NR5-EXE3	NonSpecific	6	470169	8378	311	0.51847	0.02981	0.00028	0.000716
	ChIP-Seq	72	465372	8312	5108	0.49352	0.01144	-0.00288	0.008588
	STRING	2	470168	8542	152	0.54633	0.10519	-0.00066	0.000234
CGP-DSSPD-NR5-EXE4	NonSpecific	5	470008	8539	312	0.51825	0.02856	-0.0004	0.000585
	ChIP-Seq	85	465225	8459	5095	0.49243	0.01141	-0.00113	0.009949
	STRING	2	470285	8425	152	0.54626	0.10442	-0.00063	0.000237
CGP-DSSPD-NR5-EXE5	NonSpecific	10	470130	8417	307	0.51809	0.02772	0.00273	0.001187
	ChIP-Seq	84	465341	8343	5096	0.49196	0.01146	-0.0011	0.009968
	STRING	0	477030	1680	154	0.54626	0	-0.00106	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	0	476867	1680	317	0.51784	0	-0.00153	0.0
	ChIP-Seq	30	471983	1701	5150	0.49279	0.01163	0.00379	0.017331
	STRING	1	477004	1706	153	0.54626	0.10442	0.00088	0.000586
CGP-DSSPD-NR10-EXE2	NonSpecific	1	476841	1706	316	0.51756	0.02531	-0.00018	0.000586
	ChIP-Seq	27	471885	1799	5153	0.49365	0.01179	0.00237	0.014786
	STRING	0	477133	1577	154	0.54613	0	-0.00103	0.0
CGP-DSSPD-NR10-EXE3	NonSpecific	3	476973	1574	314	0.51717	0.0239	0.00277	0.001902
	ChIP-Seq	27	472085	1599	5153	0.49468	0.01195	0.00327	0.016605
	STRING	0	477121	1589	154	0.54606	0	-0.00103	0.0
CGP-DSSPD-NR10-EXE4	NonSpecific	0	476958	1589	317	0.51688	0	-0.00148	0.0
	ChIP-Seq	19	472029	1655	5161	0.49481	0.01198	0.0003	0.01135
	STRING	1	476997	1713	153	0.54593	0.10082	0.00088	0.000583
CGP-DSSPD-NR10-EXE5	NonSpecific	1	476834	1713	316	0.51651	0.0219	-0.00018	0.000583
	ChIP-Seq	14	471938	1746	5166	0.49437	0.01194	-0.00168	0.007955
	STRING	0	478127	583	154	0.54567	0	-0.00063	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	477964	583	317	0.51618	0	-0.0009	0.0
	ChIP-Seq	68	465177	8507	5112	0.4927	0.01179	-0.00377	0.00793
	STRING	0	477995	715	154	0.54567	0	-0.00069	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	477832	715	317	0.51603	0	-0.001	0.0
	ChIP-Seq	54	468160	5524	5126	0.49161	0.01172	-0.00119	0.009681
	STRING	0	478086	624	154	0.54567	0	-0.00065	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	0	477923	624	317	0.51598	0	-0.00093	0.0
	ChIP-Seq	41	468904	4780	5139	0.49078	0.01169	-0.00226	0.008504
	STRING	0	477939	771	154	0.54567	0	-0.00072	0.0
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	477776	771	317	0.51588	0	-0.00103	0.0
	ChIP-Seq	54	468937	4747	5126	0.49102	0.01174	0.00042	0.011248
	STRING	0	477446	1264	154	0.54561	0	-0.00092	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	477283	1264	317	0.5158	0	-0.00132	0.0
	ChIP-Seq	27	469348	4336	5153	0.48952	0.01163	-0.00429	0.006188
	STRING	2	477050	1660	152	0.54534	0.09512	0.0029	0.001203
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	1	476886	1661	316	0.51537	0.01935	-0.00014	0.000602
	ChIP-Seq	16	471915	1769	5164	0.48941	0.01164	-0.0011	0.008964
	STRING	1	477149	1561	153	0.54482	0.09077	0.00102	0.00064
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	2	476987	1560	315	0.51661	0.01971	0.00137	0.00128
	ChIP-Seq	28	471972	1712	5152	0.49019	0.01174	0.00308	0.016092
	STRING	0	477087	1623	154	0.54469	0	-0.00105	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	476925	1622	316	0.51597	0.01866	-0.0001	0.000616
	ChIP-Seq	37	471924	1760	5143	0.49154	0.01189	0.0058	0.02059
	STRING	0	477058	1652	154	0.54462	0	-0.00105	0.0
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	1	476896	1651	316	0.51704	0.01882	-0.00013	0.000605
	ChIP-Seq	17	471896	1788	5163	0.4911	0.01186	-0.00083	0.009418
	STRING	1	477130	1580	153	0.54449	0.08832	0.001	0.000633
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	0	476966	1581	317	0.5165	0	-0.00148	0.0
	ChIP-Seq	32	471901	1783	5148	0.49217	0.01197	0.00406	0.017631

4 Configuration 1000TF

4.1 Ignoring Self-Loop

Tabela 43: Tabular results for hESC problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	97	1977918	5033	5052	0.50762	0.03152	0.01633	0.018835
PIDC	NonSpecific	40	1978945	4558	4557	0.50339	0.00954	0.0064	0.008662
	ChIP-Seq	23	1974021	7029	7027	0.5002	0.00475	-0.00029	0.003247
	STRING	51	1977862	5089	5098	0.50996	0.03071	0.00734	0.009905
GENIE3	NonSpecific	19	1978911	4592	4578	0.5039	0.00735	0.00181	0.004113
	ChIP-Seq	60	1974039	7011	6990	0.50239	0.0065	0.00496	0.008465
	STRING	75	1977893	5058	5074	0.51153	0.03068	0.01203	0.014566
GRNBOOST2	NonSpecific	23	1978924	4579	4574	0.50372	0.0065	0.00269	0.004982
	ChIP-Seq	47	1974045	7005	7003	0.50283	0.00647	0.00313	0.006635
	STRING	21	1978009	4942	5128	0.51236	0.02607	0.00162	0.004078
SINCERITIES	NonSpecific	37	1979093	4410	4560	0.50651	0.00685	0.00592	0.008014
	ChIP-Seq	56	1974268	6782	6994	0.50493	0.00666	0.00459	0.007905
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	64	1957185	25766	5085	0.51255	0.02288	-0.00025	0.002436
CGP-DSSPD-NR5-EXE1	NonSpecific	69	1957741	25762	4529	0.50668	0.0061	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50525	0.0062	0.00115	0.004072
	STRING	64	1957185	25766	5085	0.51255	0.02288	-0.00025	0.002436
CGP-DSSPD-NR5-EXE2	NonSpecific	69	1957741	25762	4529	0.50668	0.0061	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50525	0.0062	0.00115	0.004072
	STRING	67	1957002	25949	5082	0.5123	0.02064	-3e-05	0.002528
CGP-DSSPD-NR5-EXE3	NonSpecific	62	1957549	25954	4535	0.50627	0.00549	0.00017	0.00234
	ChIP-Seq	77	1955110	25940	6974	0.5052	0.00585	-0.00114	0.002906
	STRING	67	1957052	25899	5082	0.51241	0.0194	-2e-05	0.00253
CGP-DSSPD-NR5-EXE4	NonSpecific	78	1957615	25888	4519	0.5071	0.00543	0.00166	0.002946
	ChIP-Seq	89	1955173	25877	6961	0.50503	0.00559	-0.00023	0.003361
	STRING	52	1956678	26273	5097	0.51192	0.01821	-0.0014	0.001937
CGP-DSSPD-NR5-EXE5	NonSpecific	65	1957243	26260	4532	0.50687	0.00514	0.00038	0.002421
	ChIP-Seq	102	1954827	26223	6948	0.50492	0.00543	0.00064	0.0038
	STRING	64	1957185	25766	5085	0.51192	0.01821	-0.00025	0.002436
CGP-DSSPD-NR10-EXE1	NonSpecific	69	1957741	25762	4529	0.50687	0.00514	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50492	0.00543	0.00115	0.004072
	STRING	64	1957185	25766	5085	0.51192	0.01821	-0.00025	0.002436
CGP-DSSPD-NR10-EXE2	NonSpecific	69	1957741	25762	4529	0.50687	0.00514	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50492	0.00543	0.00115	0.004072
	STRING	67	1957002	25949	5082	0.51192	0.01821	-3e-05	0.002528
CGP-DSSPD-NR10-EXE3	NonSpecific	62	1957549	25954	4535	0.50687	0.00514	0.00017	0.00234
	ChIP-Seq	77	1955110	25940	6974	0.50492	0.00543	-0.00114	0.002906
	STRING	67	1957052	25899	5082	0.51192	0.01821	-2e-05	0.00253
CGP-DSSPD-NR10-EXE4	NonSpecific	78	1957615	25888	4519	0.50687	0.00514	0.00166	0.002946
	ChIP-Seq	89	1955173	25877	6961	0.50492	0.00543	-0.00023	0.003361
	STRING	52	1956678	26273	5097	0.51192	0.01821	-0.0014	0.001937
CGP-DSSPD-NR10-EXE5	NonSpecific	65	1957243	26260	4532	0.50687	0.00514	0.00038	0.002421
	ChIP-Seq	102	1954827	26223	6948	0.50492	0.00543	0.00064	0.0038
	STRING	134	1953421	29530	5015	0.513	0.018	0.00467	0.004443
CGP-KM-BKM-NR10-EXE1	NonSpecific	63	1953901	29602	4535	0.50676	0.00492	-0.00048	0.002089
	ChIP-Seq	89	1951475	29575	6961	0.50445	0.00523	-0.00113	0.002951
	STRING	128	1953707	29244	5021	0.51335	0.01811	0.00426	0.004287
CGP-KM-BKM-NR10-EXE2	NonSpecific	59	1954189	29314	4539	0.50675	0.0049	-0.00077	0.001976
	ChIP-Seq	76	1951754	29296	6974	0.50449	0.00523	-0.00198	0.002545
	STRING	111	1954647	28304	5038	0.51391	0.0179	0.00312	0.003847
CGP-KM-BKM-NR10-EXE3	NonSpecific	63	1955151	28352	4534	0.50669	0.00478	-0.00024	0.002184
	ChIP-Seq	88	1952723	28327	6962	0.50421	0.00511	-0.00091	0.00305
	STRING	116	1953899	29052	5033	0.51355	0.01735	0.00333	0.003923
CGP-KM-BKM-NR10-EXE4	NonSpecific	53	1954388	29115	4544	0.50679	0.0047	-0.00126	0.001792
	ChIP-Seq	85	1951967	29083	6965	0.50376	0.005	-0.0013	0.002874
	STRING	96	1954883	28068	5053	0.5137	0.01707	0.00193	0.003353
CGP-KM-BKM-NR10-EXE5	NonSpecific	74	1955413	28090	4523	0.50694	0.00466	0.00079	0.002584
	ChIP-Seq	69	1952955	28095	6981	0.50357	0.00495	-0.00221	0.00241
	STRING	81	1958084	24867	5068	0.5152	0.01716	0.00146	0.003184
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	65	1958618	24885	4534	0.50731	0.00463	0.00068	0.002555
	ChIP-Seq	83	1956185	24865	6967	0.50344	0.0049	-0.00042	0.003263
	STRING	69	1959454	23497	5080	0.51531	0.01717	0.00073	0.002876
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	60	1959997	23506	4537	0.50724	0.00461	0.00053	0.002501
	ChIP-Seq	55	1957539	23511	6995	0.50339	0.00489	-0.00223	0.002292
	STRING	90	1958369	24582	5059	0.51693	0.01735	0.00233	0.003579
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	59	1958890	24613	4538	0.50737	0.00456	0.00018	0.002346
	ChIP-Seq	77	1956455	24595	6973	0.50223	0.00474	-0.0008	0.003062
	STRING	80	1959210	23741	5069	0.51803	0.01725	0.00167	0.00329
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	68	1959750	23753	4529	0.50744	0.00451	0.00124	0.002797
	ChIP-Seq	82	1957311	23739	6968	0.502	0.00471	-0.00019	0.003372
	STRING	84	1958605	24346	5065	0.51849	0.01699	0.00186	0.00338
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	64	1959137	24366	4533	0.5072	0.00443	0.00071	0.002575
	ChIP-Seq	87	1956706	24344	6964	0.50104	0.0046	3e-05	0.0035

Tabela 44: Tabular results for hHep problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	214	2079032	8672	8786	0.50889	0.0279	0.01975	0.023767
PIDC	NonSpecific	50	2086137	5232	5285	0.50337	0.00811	0.0069	0.009342
	ChIP-Seq	184	2066094	15200	15226	0.5025	0.01184	0.00464	0.011827
	STRING	115	2078825	8879	8885	0.50935	0.02291	0.00853	0.012774
GENIE3	NonSpecific	28	2086045	5324	5307	0.50366	0.00648	0.0027	0.005231
	ChIP-Seq	79	2065848	15446	15331	0.50086	0.0094	-0.00229	0.005077
	STRING	116	2078877	8827	8884	0.51008	0.02194	0.00869	0.012885
GRNBOOST2	NonSpecific	28	2086064	5305	5307	0.50358	0.00594	0.00271	0.005233
	ChIP-Seq	98	2065973	15321	15312	0.50076	0.00917	-0.001	0.006299
	STRING	33	2078834	8870	8967	0.50967	0.01873	-0.00059	0.003665
SINCERITIES	NonSpecific	10	2086084	5285	5325	0.50331	0.00511	-0.00065	0.001869
	ChIP-Seq	171	2066105	15189	15241	0.50273	0.00984	0.0038	0.01099
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	127	2061052	26652	8873	0.50993	0.01748	0.00078	0.00465
CGP-DSSPD-NR5-EXE1	NonSpecific	69	2064659	26710	5266	0.50412	0.00506	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50296	0.00962	0.00115	0.008054
	STRING	127	2061052	26652	8873	0.50993	0.01748	0.00078	0.00465
CGP-DSSPD-NR5-EXE2	NonSpecific	69	2064659	26710	5266	0.50412	0.00506	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50296	0.00962	0.00115	0.008054
	STRING	117	2060889	26815	8883	0.50963	0.01643	9e-05	0.004266
CGP-DSSPD-NR5-EXE3	NonSpecific	58	2064495	26874	5277	0.50387	0.00474	-0.00089	0.002115
	ChIP-Seq	190	2054549	26745	15223	0.50259	0.00935	-0.0004	0.006928
	STRING	97	2061790	25914	8903	0.50905	0.01558	-0.00097	0.003655
CGP-DSSPD-NR5-EXE4	NonSpecific	75	2065433	25936	5260	0.50438	0.0047	0.00075	0.002826
	ChIP-Seq	226	2055508	25786	15185	0.5032	0.00938	0.00176	0.008516
	STRING	126	2061057	26647	8874	0.50922	0.01523	0.00072	0.004613
CGP-DSSPD-NR5-EXE5	NonSpecific	77	2064673	26696	5258	0.50455	0.00461	0.00075	0.002819
	ChIP-Seq	192	2054711	26583	15220	0.50334	0.00932	-0.00024	0.007029
	STRING	127	2061052	26652	8873	0.50922	0.01523	0.00078	0.00465
CGP-DSSPD-NR10-EXE1	NonSpecific	69	2064659	26710	5266	0.50455	0.00461	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50334	0.00932	0.00115	0.008054
	STRING	127	2061052	26652	8873	0.50922	0.01523	0.00078	0.00465
CGP-DSSPD-NR10-EXE2	NonSpecific	69	2064659	26710	5266	0.50455	0.00461	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50334	0.00932	0.00115	0.008054
	STRING	117	2060889	26815	8883	0.50922	0.01523	9e-05	0.004266
CGP-DSSPD-NR10-EXE3	NonSpecific	58	2064495	26874	5277	0.50455	0.00461	-0.00089	0.002115
	ChIP-Seq	190	2054549	26745	15223	0.50334	0.00932	-0.0004	0.006928
	STRING	97	2061790	25914	8903	0.50922	0.01523	-0.00097	0.003655
CGP-DSSPD-NR10-EXE4	NonSpecific	75	2065433	25936	5260	0.50455	0.00461	0.00075	0.002826
	ChIP-Seq	226	2055508	25786	15185	0.50334	0.00932	0.00176	0.008516
	STRING	126	2061057	26647	8874	0.50922	0.01523	0.00072	0.004613
CGP-DSSPD-NR10-EXE5	NonSpecific	77	2064673	26696	5258	0.50455	0.00461	0.00075	0.002819
	ChIP-Seq	192	2054711	26583	15220	0.50334	0.00932	-0.00024	0.007029
	STRING	286	2057258	30446	8714	0.51412	0.01636	0.00935	0.009104
CGP-KM-BKM-NR10-EXE1	NonSpecific	217	2060854	30515	5118	0.50813	0.0052	0.01093	0.006907
	ChIP-Seq	277	2050838	30456	15134	0.50659	0.00977	0.00237	0.008817
	STRING	269	2058082	29622	8731	0.51488	0.01629	0.00866	0.008797
CGP-KM-BKM-NR10-EXE2	NonSpecific	199	2061677	29692	5136	0.51043	0.00558	0.00982	0.006508
	ChIP-Seq	283	2051685	29609	15128	0.50936	0.01014	0.00298	0.009255
	STRING	299	2058239	29465	8701	0.51825	0.01684	0.01056	0.009846
CGP-KM-BKM-NR10-EXE3	NonSpecific	238	2061843	29526	5097	0.5118	0.00569	0.01299	0.007837
	ChIP-Seq	358	2051887	29407	15053	0.51179	0.01038	0.00657	0.011789
	STRING	270	2058639	29065	8730	0.5208	0.01717	0.00895	0.009029
CGP-KM-BKM-NR10-EXE4	NonSpecific	201	2062235	29134	5134	0.51289	0.00576	0.01018	0.006722
	ChIP-Seq	270	2052229	29065	15140	0.51287	0.0104	0.00259	0.009029
	STRING	276	2058234	29470	8724	0.52253	0.01727	0.00915	0.009105
CGP-KM-BKM-NR10-EXE5	NonSpecific	192	2061815	29554	5143	0.51318	0.0057	0.00931	0.006334
	ChIP-Seq	301	2051846	29448	15112	0.51423	0.01046	0.00389	0.00993
	STRING	177	2061628	26076	8823	0.52222	0.01688	0.00422	0.006623
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	109	2065225	26144	5226	0.51261	0.00548	0.00359	0.004079
	ChIP-Seq	204	2055244	26050	15207	0.51315	0.0102	0.00055	0.007634
	STRING	189	2062376	25328	8811	0.52231	0.01688	0.00529	0.007269
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	101	2065953	25416	5234	0.51289	0.00551	0.00312	0.003884
	ChIP-Seq	203	2055979	25315	15208	0.51328	0.01022	0.00079	0.007807
	STRING	184	2061736	25968	8816	0.52192	0.01657	0.00472	0.006915
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	97	2065314	26055	5238	0.5121	0.00529	0.0026	0.003645
	ChIP-Seq	153	2055294	26000	15258	0.51207	0.00998	-0.00197	0.00575
	STRING	153	2062216	25488	8847	0.52143	0.01626	0.00285	0.005862
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	79	2065807	25562	5256	0.51159	0.00514	0.00119	0.003027
	ChIP-Seq	126	2055779	25515	15284	0.51001	0.0097	-0.00317	0.004827
	STRING	186	2062015	25689	8814	0.52118	0.01602	0.00495	0.007044
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	98	2065592	25777	5237	0.51129	0.00503	0.00276	0.003711
	ChIP-Seq	134	2055553	25741	15276	0.50836	0.0095	-0.00284	0.005074

Tabela 45: Tabular results for mDC problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	130	1733375	5768	5768	0.5085	0.03675	0.01872	0.022041
PIDC	NonSpecific	71	1737274	3849	3847	0.50803	0.0208	0.01591	0.018112
	ChIP-Seq	2	1742656	1192	1191	0.5004	0.00363	0.00099	0.001675
	STRING	58	1733303	5840	5840	0.508	0.02707	0.00648	0.009834
GENIE3	NonSpecific	29	1737234	3889	3889	0.50817	0.01409	0.00517	0.007402
	ChIP-Seq	1	1742656	1192	1192	0.50005	0.00259	0.00015	0.000838
	STRING	61	1733306	5837	5837	0.5079	0.02392	0.00699	0.010342
GRNBOOST2	NonSpecific	25	1737230	3893	3893	0.5083	0.01187	0.00415	0.006381
	ChIP-Seq	0	1742655	1193	1193	0.49988	0	-0.00068	0.0
	STRING	16	1733619	5524	5882	0.50754	0.0207	-0.00048	0.002712
SINCERITIES	NonSpecific	5	1737422	3701	3913	0.5078	0.00897	-0.00087	0.001276
	ChIP-Seq	0	1742711	1137	1193	0.49951	0	-0.00067	0.0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	97	1712177	26966	5801	0.5073	0.01891	0.00044	0.003584
CGP-DSSPD-NR5-EXE1	NonSpecific	52	1714112	27011	3866	0.5075	0.00762	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.49956	0.00218	0.00044	0.000776
	STRING	97	1712177	26966	5801	0.5073	0.01891	0.00044	0.003584
CGP-DSSPD-NR5-EXE2	NonSpecific	52	1714112	27011	3866	0.5075	0.00762	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.49956	0.00218	0.00044	0.000776
	STRING	87	1712290	26853	5811	0.50754	0.01813	-0.00032	0.003229
CGP-DSSPD-NR5-EXE3	NonSpecific	56	1714239	26884	3862	0.50747	0.00694	-0.00044	0.002079
	ChIP-Seq	23	1716931	26917	1170	0.49962	0.00228	0.00081	0.000854
	STRING	120	1712255	26888	5778	0.50789	0.01768	0.0023	0.004443
CGP-DSSPD-NR5-EXE4	NonSpecific	67	1714182	26941	3851	0.50774	0.0066	0.00062	0.002481
	ChIP-Seq	20	1716860	26988	1173	0.49969	0.00234	0.00027	0.000741
	STRING	77	1712319	26824	5821	0.5073	0.01691	-0.00112	0.002862
CGP-DSSPD-NR5-EXE5	NonSpecific	59	1714281	26842	3859	0.5074	0.00621	-0.00014	0.002193
	ChIP-Seq	23	1716970	26878	1170	0.50059	0.00277	0.00082	0.000855
	STRING	97	1712177	26966	5801	0.5073	0.01691	0.00044	0.003584
CGP-DSSPD-NR10-EXE1	NonSpecific	52	1714112	27011	3866	0.5074	0.00621	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.50059	0.00277	0.00044	0.000776
	STRING	97	1712177	26966	5801	0.5073	0.01691	0.00044	0.003584
CGP-DSSPD-NR10-EXE2	NonSpecific	52	1714112	27011	3866	0.5074	0.00621	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.50059	0.00277	0.00044	0.000776
	STRING	87	1712290	26853	5811	0.5073	0.01691	-0.00032	0.003229
CGP-DSSPD-NR10-EXE3	NonSpecific	56	1714239	26884	3862	0.5074	0.00621	-0.00044	0.002079
	ChIP-Seq	23	1716931	26917	1170	0.50059	0.00277	0.00081	0.000854
	STRING	120	1712255	26888	5778	0.5073	0.01691	0.0023	0.004443
CGP-DSSPD-NR10-EXE4	NonSpecific	67	1714182	26941	3851	0.5074	0.00621	0.00062	0.002481
	ChIP-Seq	20	1716860	26988	1173	0.50059	0.00277	0.00027	0.000741
	STRING	77	1712319	26824	5821	0.5073	0.01691	-0.00112	0.002862
CGP-DSSPD-NR10-EXE5	NonSpecific	59	1714281	26842	3859	0.5074	0.00621	-0.00014	0.002193
	ChIP-Seq	23	1716970	26878	1170	0.50059	0.00277	0.00082	0.000855
	STRING	138	1707417	31726	5760	0.50712	0.0165	0.00224	0.004331
CGP-KM-BKM-NR10-EXE1	NonSpecific	82	1709341	31782	3836	0.50745	0.006	0.00095	0.002573
	ChIP-Seq	0	1742472	1376	1193	0.50021	0	-0.00073	0.0
	STRING	134	1707641	31502	5764	0.5071	0.01648	0.002	0.004236
CGP-KM-BKM-NR10-EXE2	NonSpecific	80	1709567	31556	3838	0.50742	0.00599	0.00081	0.002529
	ChIP-Seq	0	1742508	1340	1193	0.50021	0	-0.00072	0.0
	STRING	151	1705011	34132	5747	0.50862	0.01688	0.0025	0.004405
CGP-KM-BKM-NR10-EXE3	NonSpecific	100	1706940	34183	3818	0.50713	0.00578	0.00201	0.002917
	ChIP-Seq	0	1742341	1507	1193	0.49995	0	-0.00077	0.0
	STRING	130	1706420	32723	5768	0.50922	0.01686	0.00138	0.003957
CGP-KM-BKM-NR10-EXE4	NonSpecific	79	1708349	32774	3839	0.50768	0.00578	0.00047	0.002405
	ChIP-Seq	0	1742337	1511	1193	0.49977	0	-0.00077	0.0
	STRING	131	1705268	33875	5767	0.51034	0.01709	0.00115	0.003852
CGP-KM-BKM-NR10-EXE5	NonSpecific	79	1707196	33927	3839	0.50768	0.00569	0.00023	0.002323
	ChIP-Seq	0	1742305	1543	1193	0.49958	0	-0.00078	0.0
	STRING	110	1714296	24847	5788	0.51158	0.01727	0.00213	0.004408
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	83	1716249	24874	3835	0.50865	0.00575	0.00275	0.003326
	ChIP-Seq	16	1718907	24941	1177	0.49921	0.00226	-0.0002	0.000641
	STRING	113	1714250	24893	5785	0.51156	0.01726	0.00237	0.004519
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	83	1716200	24923	3835	0.50863	0.00575	0.00274	0.003319
	ChIP-Seq	16	1718858	24990	1177	0.4992	0.00226	-0.0002	0.00064
	STRING	93	1713874	25269	5805	0.51254	0.01734	0.0006	0.003667
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	69	1715830	25293	3849	0.50898	0.0057	0.00122	0.002721
	ChIP-Seq	18	1718504	25344	1175	0.49883	0.00218	0.00012	0.00071
	STRING	95	1713531	25612	5803	0.51266	0.01717	0.00067	0.003695
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	68	1715484	25639	3850	0.50952	0.0057	0.00103	0.002645
	ChIP-Seq	10	1718151	25697	1183	0.49848	0.00211	-0.00138	0.000389
	STRING	93	1713671	25472	5805	0.51311	0.01712	0.00054	0.003638
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	60	1715618	25505	3858	0.50957	0.00563	0.00026	0.002347
	ChIP-Seq	28	1718311	25537	1165	0.49812	0.00205	0.00192	0.001095

Tabela 46: Tabular results for mESC problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	251	2607692	8229	8228	0.51305	0.05944	0.02645	0.029599
PIDC	NonSpecific	127	2608467	7903	7903	0.50671	0.02026	0.0128	0.015816
	ChIP-Seq	958	2539767	41838	41837	0.50297	0.02627	0.00618	0.022385
	STRING	148	2607588	8333	8331	0.51542	0.04868	0.01427	0.017451
GENIE3	NonSpecific	81	2608421	7949	7949	0.5075	0.01354	0.00705	0.010087
	ChIP-Seq	1158	2539968	41637	41637	0.50528	0.02613	0.01093	0.027059
	STRING	145	2607587	8334	8334	0.51608	0.04401	0.01392	0.017101
GRNBOOST2	NonSpecific	92	2608432	7938	7938	0.50792	0.01224	0.00842	0.011457
	ChIP-Seq	1202	2540012	41593	41593	0.50648	0.02647	0.01198	0.028087
	STRING	52	2607634	8287	8427	0.51701	0.0349	0.00299	0.006132
SINCERITIES	NonSpecific	36	2608508	7862	7994	0.50832	0.01024	0.00149	0.004483
	ChIP-Seq	752	2540495	41110	42043	0.50712	0.02566	0.00167	0.017572
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	91	2586718	29203	8388	0.51691	0.03113	-0.00023	0.003106
CGP-DSSPD-NR5-EXE1	NonSpecific	93	2587169	29201	7937	0.50773	0.00895	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50612	0.02484	-0.00257	0.013245
	STRING	91	2586718	29203	8388	0.51691	0.03113	-0.00023	0.003106
CGP-DSSPD-NR5-EXE2	NonSpecific	93	2587169	29201	7937	0.50773	0.00895	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50612	0.02484	-0.00257	0.013245
	STRING	91	2586347	29574	8388	0.51682	0.02867	-0.00031	0.003068
CGP-DSSPD-NR5-EXE3	NonSpecific	83	2586788	29582	7947	0.50798	0.00847	-0.00051	0.002798
	ChIP-Seq	429	2552369	29236	42366	0.50559	0.02442	-0.00156	0.014461
	STRING	104	2586561	29360	8375	0.51676	0.02698	0.00056	0.00353
CGP-DSSPD-NR5-EXE4	NonSpecific	94	2587000	29370	7936	0.5084	0.0082	0.00025	0.00319
	ChIP-Seq	468	2552609	28996	42327	0.50534	0.02418	-0.00036	0.015884
	STRING	99	2586481	29440	8380	0.51697	0.02586	0.00023	0.003352
CGP-DSSPD-NR5-EXE5	NonSpecific	84	2586915	29455	7946	0.50836	0.00788	-0.00042	0.002844
	ChIP-Seq	462	2552528	29077	42333	0.50513	0.02402	-0.00056	0.01564
	STRING	91	2586718	29203	8388	0.51697	0.02586	-0.00023	0.003106
CGP-DSSPD-NR10-EXE1	NonSpecific	93	2587169	29201	7937	0.50836	0.00788	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50513	0.02402	-0.00257	0.013245
	STRING	91	2586718	29203	8388	0.51697	0.02586	-0.00023	0.003106
CGP-DSSPD-NR10-EXE2	NonSpecific	93	2587169	29201	7937	0.50836	0.00788	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50513	0.02402	-0.00257	0.013245
	STRING	91	2586347	29574	8388	0.51697	0.02586	-0.00031	0.003068
CGP-DSSPD-NR10-EXE3	NonSpecific	83	2586788	29582	7947	0.50836	0.00788	-0.00051	0.002798
	ChIP-Seq	429	2552369	29236	42366	0.50513	0.02402	-0.00156	0.014461
	STRING	104	2586561	29360	8375	0.51697	0.02586	0.00056	0.00353
CGP-DSSPD-NR10-EXE4	NonSpecific	94	2587000	29370	7936	0.50836	0.00788	0.00025	0.00319
	ChIP-Seq	468	2552609	28996	42327	0.50513	0.02402	-0.00036	0.015884
	STRING	99	2586481	29440	8380	0.51697	0.02586	0.00023	0.003352
CGP-DSSPD-NR10-EXE5	NonSpecific	84	2586915	29455	7946	0.50836	0.00788	-0.00042	0.002844
	ChIP-Seq	462	2552528	29077	42333	0.50513	0.02402	-0.00056	0.01564
	STRING	174	2576104	39817	8305	0.51815	0.02542	0.00246	0.004351
CGP-KM-BKM-NR10-EXE1	NonSpecific	139	2576518	39852	7891	0.50933	0.00786	0.00094	0.003476
	ChIP-Seq	564	2542178	39427	42231	0.50421	0.02371	-0.00216	0.014103
	STRING	194	2575971	39950	8285	0.51845	0.02551	0.00352	0.004833
CGP-KM-BKM-NR10-EXE2	NonSpecific	168	2576394	39976	7862	0.5095	0.00788	0.00254	0.004185
	ChIP-Seq	696	2542157	39448	42099	0.5061	0.02408	0.00102	0.017338
	STRING	120	2577236	38685	8359	0.51812	0.02463	-0.0003	0.003092
CGP-KM-BKM-NR10-EXE3	NonSpecific	115	2577680	38690	7915	0.50949	0.0077	-0.00021	0.002964
	ChIP-Seq	462	2543262	38343	42333	0.50463	0.02374	-0.00426	0.011906
	STRING	177	2575813	40108	8302	0.51791	0.02395	0.00256	0.004394
CGP-KM-BKM-NR10-EXE4	NonSpecific	148	2576233	40137	7882	0.50953	0.00756	0.00139	0.003674
	ChIP-Seq	709	2542029	39576	42086	0.50546	0.02386	0.00128	0.0176
	STRING	216	2576805	39116	8263	0.51799	0.02354	0.00491	0.005492
CGP-KM-BKM-NR10-EXE5	NonSpecific	174	2577212	39158	7856	0.51019	0.00757	0.00305	0.004424
	ChIP-Seq	541	2542814	38791	42254	0.50477	0.02374	-0.00248	0.013755
	STRING	83	2588555	27366	8396	0.51878	0.02327	-0.00038	0.003024
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	75	2588996	27374	7955	0.50984	0.00737	-0.00061	0.002732
	ChIP-Seq	477	2554633	26972	42318	0.50508	0.02379	0.00087	0.017378
	STRING	94	2588645	27276	8385	0.51857	0.023	0.00037	0.003434
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	88	2589088	27282	7942	0.5098	0.00732	0.00029	0.003215
	ChIP-Seq	435	2554670	26935	42360	0.50458	0.02369	-0.00034	0.015893
	STRING	84	2589061	26860	8395	0.51884	0.02266	-0.0002	0.003118
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	85	2589511	26859	7945	0.5097	0.00721	0.00017	0.003155
	ChIP-Seq	405	2555066	26539	42390	0.50417	0.02363	-0.00103	0.015031
	STRING	83	2588992	26929	8396	0.51893	0.02234	-0.00028	0.003073
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	83	2589441	26929	7947	0.50997	0.00717	2e-05	0.003073
	ChIP-Seq	346	2554939	26666	42449	0.50329	0.02353	-0.00282	0.012809
	STRING	95	2589419	26502	8384	0.51933	0.02216	0.00061	0.003572
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	77	2589850	26520	7953	0.50965	0.00707	-0.0003	0.002895
	ChIP-Seq	370	2555378	26227	42425	0.50296	0.02351	-0.00191	0.013911

Tabela 47: Tabular results for mHSC-E problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	71	1446035	1755	1755	0.51745	0.05694	0.03767	0.038883
PIDC	NonSpecific	36	1445732	1924	1924	0.50819	0.02343	0.01704	0.018367
	ChIP-Seq	276	1405941	21700	21699	0.4988	0.01485	-0.00264	0.012559
	STRING	51	1446014	1776	1775	0.52204	0.04801	0.0267	0.027915
GENIE3	NonSpecific	46	1445741	1915	1914	0.51387	0.02133	0.02214	0.023457
	ChIP-Seq	51	1405716	21925	21924	0.49448	0.01238	-0.01304	0.002321
	STRING	58	1446022	1768	1768	0.52393	0.04918	0.03054	0.031763
GRNBOOST2	NonSpecific	44	1445740	1916	1916	0.51412	0.0223	0.02113	0.022449
	ChIP-Seq	113	1405779	21862	21862	0.49327	0.01234	-0.01017	0.005142
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	22	1425250	22540	1804	0.52453	0.04572	-0.00101	0.000975
CGP-DSSPD-NR5-EXE1	NonSpecific	31	1425125	22531	1929	0.51527	0.0198	7e-05	0.001374
	ChIP-Seq	327	1405406	22235	21648	0.49303	0.01341	-0.00068	0.014493
	STRING	25	1425278	22512	1801	0.52433	0.04224	-0.00053	0.001109
CGP-DSSPD-NR5-EXE2	NonSpecific	23	1425142	22514	1937	0.51544	0.01774	-0.00113	0.001021
	ChIP-Seq	336	1405440	22201	21639	0.49283	0.01393	-0.00026	0.014909
	STRING	20	1425974	21816	1806	0.52386	0.03927	-0.0012	0.000916
CGP-DSSPD-NR5-EXE3	NonSpecific	24	1425844	21812	1936	0.51505	0.01595	-0.00085	0.001099
	ChIP-Seq	359	1406164	21477	21616	0.49351	0.01441	0.0013	0.016441
	STRING	28	1425373	22417	1798	0.52394	0.03735	-4e-05	0.001247
CGP-DSSPD-NR5-EXE4	NonSpecific	44	1425255	22401	1916	0.51472	0.01477	0.00208	0.00196
	ChIP-Seq	360	1405556	22085	21615	0.49404	0.0147	0.0009	0.016039
	STRING	28	1426042	21748	1798	0.52346	0.03521	9e-05	0.001286
CGP-DSSPD-NR5-EXE5	NonSpecific	24	1425904	21752	1936	0.51438	0.01386	-0.00084	0.001102
	ChIP-Seq	331	1406196	21445	21644	0.49404	0.01482	4e-05	0.0152
	STRING	28	1424744	23046	1798	0.52323	0.03357	-0.00017	0.001213
CGP-DSSPD-NR10-EXE1	NonSpecific	36	1424618	23038	1924	0.51401	0.01309	0.00072	0.00156
	ChIP-Seq	324	1404891	22750	21651	0.49367	0.01484	-0.00116	0.014042
	STRING	28	1424744	23046	1798	0.52323	0.03357	-0.00017	0.001213
CGP-DSSPD-NR10-EXE2	NonSpecific	36	1424618	23038	1924	0.51401	0.01309	0.00072	0.00156
	ChIP-Seq	324	1404891	22750	21651	0.49367	0.01484	-0.00116	0.014042
	STRING	20	1424542	23248	1806	0.52388	0.03295	-0.00144	0.00086
CGP-DSSPD-NR10-EXE3	NonSpecific	27	1424415	23241	1933	0.51396	0.01264	-0.00067	0.00116
	ChIP-Seq	342	1404715	22926	21633	0.49353	0.01489	-0.00048	0.014698
	STRING	28	1424849	22941	1798	0.52343	0.03162	-0.00015	0.001219
CGP-DSSPD-NR10-EXE4	NonSpecific	31	1424718	22938	1929	0.51341	0.01212	-1e-05	0.00135
	ChIP-Seq	364	1405036	22605	21611	0.49384	0.01496	0.00072	0.015847
	STRING	25	1424907	22883	1801	0.5238	0.031	-0.0006	0.001091
CGP-DSSPD-NR10-EXE5	NonSpecific	34	1424782	22874	1926	0.51332	0.01178	0.00046	0.001484
	ChIP-Seq	386	1405119	22522	21589	0.49482	0.01509	0.00175	0.01685
	STRING	39	1425538	22252	1787	0.52362	0.03006	0.00173	0.00175
CGP-KM-BKM-NR10-EXE1	NonSpecific	36	1425401	22255	1924	0.51321	0.01146	0.00089	0.001615
	ChIP-Seq	333	1405683	21958	21642	0.49499	0.0151	-0.00022	0.014939
	STRING	32	1426185	21605	1794	0.52348	0.02974	0.00076	0.001479
CGP-KM-BKM-NR10-EXE2	NonSpecific	38	1426057	21599	1922	0.51302	0.01133	0.00135	0.001756
	ChIP-Seq	315	1406319	21322	21660	0.4929	0.01493	-0.0006	0.014558
	STRING	30	1426252	21538	1796	0.52353	0.02942	0.00046	0.001391
CGP-KM-BKM-NR10-EXE3	NonSpecific	52	1426140	21516	1908	0.51299	0.01122	0.00354	0.002411
	ChIP-Seq	289	1406362	21279	21686	0.4925	0.0149	-0.00177	0.013399
	STRING	34	1426128	21662	1792	0.52335	0.02907	0.00107	0.001567
CGP-KM-BKM-NR10-EXE4	NonSpecific	37	1425997	21659	1923	0.51302	0.01115	0.00119	0.001705
	ChIP-Seq	246	1406191	21450	21729	0.49092	0.01478	-0.00385	0.011338
	STRING	46	1425950	21840	1780	0.52323	0.02883	0.00294	0.002102
CGP-KM-BKM-NR10-EXE5	NonSpecific	33	1425803	21853	1927	0.51281	0.01103	0.00052	0.001508
	ChIP-Seq	288	1406043	21598	21687	0.49041	0.01474	-0.00203	0.013159
	STRING	49	1425850	21940	1777	0.52329	0.02823	0.00339	0.002228
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	47	1425714	21942	1913	0.51225	0.01067	0.00265	0.002137
	ChIP-Seq	314	1405966	21675	21661	0.49007	0.01473	-0.00089	0.01428
	STRING	48	1425982	21808	1778	0.52327	0.02819	0.00327	0.002196
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	27	1425827	21829	1933	0.51223	0.01066	-0.00039	0.001235
	ChIP-Seq	324	1406109	21532	21651	0.49178	0.01485	-0.00034	0.014824
	STRING	43	1426038	21752	1783	0.52333	0.02767	0.00248	0.001973
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	48	1425909	21747	1912	0.51269	0.01061	0.00286	0.002202
	ChIP-Seq	280	1406126	21515	21695	0.4906	0.01478	-0.00234	0.012847
	STRING	46	1427231	20559	1780	0.52335	0.02716	0.00329	0.002232
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	35	1427086	20570	1925	0.51217	0.01038	0.00113	0.001699
	ChIP-Seq	285	1407321	20320	21690	0.48989	0.01474	-0.0013	0.013832
	STRING	33	1425911	21879	1793	0.52365	0.02716	0.00086	0.001506
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	39	1425783	21873	1921	0.51187	0.00954	0.00144	0.00178
	ChIP-Seq	264	1405993	21648	21711	0.48877	0.01471	-0.00315	0.012048

Tabela 48: Tabular results for mHSC-GM problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	35	1278836	1277	1276	0.5114	0.04191	0.02569	0.026677
PIDC	NonSpecific	28	1278737	1330	1329	0.50949	0.03316	0.01959	0.020619
	ChIP-Seq	117	1253270	14019	14018	0.49848	0.01049	-0.00279	0.008277
	STRING	55	1278857	1256	1256	0.52309	0.04703	0.04097	0.041953
GENIE3	NonSpecific	33	1278742	1325	1324	0.51529	0.03318	0.02328	0.0243
	ChIP-Seq	85	1253237	14052	14050	0.49728	0.00997	-0.00507	0.006013
	STRING	53	1278855	1258	1258	0.52696	0.05021	0.03944	0.040427
GRNBOOST2	NonSpecific	35	1278745	1322	1322	0.51732	0.03352	0.02476	0.025792
	ChIP-Seq	116	1253270	14019	14019	0.49701	0.01015	-0.00286	0.008207
	STRING	0	1278806	1307	1311	0.5267	0	-0.00102	0.0
SINCERITIES	NonSpecific	0	1278714	1353	1357	0.51701	0	-0.00106	0.0
	ChIP-Seq	113	1253398	13891	14022	0.49545	0.01018	-0.00298	0.007994
	STRING	0	0	0	0	0	0	0	0
PPCOR	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	14	1263303	16810	1297	0.52617	0.04348	-0.00069	0.000832
CGP-DSSPD-NR5-EXE1	NonSpecific	13	1263256	16811	1344	0.51643	0.02326	-0.00102	0.000773
	ChIP-Seq	153	1250618	16671	13982	0.49453	0.01036	-0.00214	0.009094
	STRING	19	1264942	15171	1292	0.52595	0.04007	0.00078	0.001251
CGP-DSSPD-NR5-EXE2	NonSpecific	17	1264894	15173	1340	0.5166	0.0205	0.0002	0.001119
	ChIP-Seq	201	1252300	14989	13934	0.4954	0.01085	0.00231	0.013232
	STRING	11	1264810	15303	1300	0.5259	0.03819	-0.00105	0.000718
CGP-DSSPD-NR5-EXE3	NonSpecific	16	1264769	15298	1341	0.51717	0.01899	-5e-05	0.001045
	ChIP-Seq	161	1252136	15153	13974	0.49517	0.01097	-0.00055	0.010513
	STRING	22	1264888	15225	1289	0.52538	0.03589	0.00144	0.001443
CGP-DSSPD-NR5-EXE4	NonSpecific	17	1264837	15230	1340	0.51701	0.01748	0.00019	0.001115
	ChIP-Seq	166	1252208	15081	13969	0.49509	0.01107	-0.00015	0.010887
	STRING	20	1264966	15147	1291	0.52553	0.03421	0.00101	0.001319
CGP-DSSPD-NR5-EXE5	NonSpecific	16	1264916	15151	1341	0.51721	0.01649	-1e-05	0.001055
	ChIP-Seq	155	1252277	15012	13980	0.49486	0.01112	-0.00085	0.01022
	STRING	3	1277432	2681	1308	0.52575	0.03303	0.00014	0.001118
CGP-DSSPD-NR10-EXE1	NonSpecific	4	1277387	2680	1353	0.51739	0.01565	0.00061	0.00149
	ChIP-Seq	28	1264538	2751	14107	0.49466	0.01112	-0.00043	0.010076
	STRING	2	1277492	2621	1309	0.52567	0.03199	-0.00037	0.000762
CGP-DSSPD-NR10-EXE2	NonSpecific	3	1277447	2620	1354	0.51725	0.0149	0.00012	0.001144
	ChIP-Seq	36	1264636	2653	14099	0.49492	0.01117	0.00103	0.013388
	STRING	2	1277418	2695	1309	0.52547	0.03078	-0.0004	0.000742
CGP-DSSPD-NR10-EXE3	NonSpecific	2	1277372	2695	1355	0.51663	0.01397	-0.00045	0.000742
	ChIP-Seq	50	1264559	2730	14085	0.49562	0.0113	0.00311	0.017986
	STRING	2	1277447	2666	1309	0.52544	0.03009	-0.00039	0.00075
CGP-DSSPD-NR10-EXE4	NonSpecific	5	1277404	2663	1352	0.51683	0.0136	0.00114	0.001874
	ChIP-Seq	23	1264507	2782	14112	0.49542	0.01128	-0.00127	0.0082
	STRING	0	1277400	2713	1311	0.52497	0	-0.00147	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	1	1277355	2712	1356	0.51666	0.01315	-0.00098	0.000369
	ChIP-Seq	26	1264554	2735	14109	0.49528	0.01127	-0.00072	0.009417
	STRING	6	1274735	5378	1305	0.52485	0.02827	0.00019	0.001114
CGP-KM-BKM-NR10-EXE1	NonSpecific	6	1274689	5378	1351	0.51608	0.0126	0.00011	0.001114
	ChIP-Seq	87	1257917	9372	14048	0.49481	0.01125	-0.00151	0.009198
	STRING	1	1278652	1461	1310	0.5247	0.02801	-0.00036	0.000684
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	1278605	1462	1357	0.51587	0	-0.0011	0.0
	ChIP-Seq	145	1253165	14124	13990	0.49458	0.01128	-0.00088	0.010162
	STRING	6	1277687	2426	1305	0.52508	0.0272	0.00197	0.002467
CGP-KM-BKM-NR10-EXE3	NonSpecific	4	1277639	2428	1353	0.51628	0.01202	0.00078	0.001645
	ChIP-Seq	30	1258818	8471	14105	0.49276	0.01109	-0.00587	0.003529
	STRING	3	1278064	2049	1308	0.52529	0.02713	0.00055	0.001462
CGP-KM-BKM-NR10-EXE4	NonSpecific	4	1278019	2048	1353	0.51706	0.01211	0.0011	0.001949
	ChIP-Seq	54	1256667	10622	14081	0.49088	0.01093	-0.00524	0.005058
	STRING	4	1278326	1787	1307	0.52541	0.02691	0.00142	0.002233
CGP-KM-BKM-NR10-EXE5	NonSpecific	1	1278277	1790	1356	0.51719	0.01205	-0.00058	0.000558
	ChIP-Seq	151	1255192	12097	13984	0.49193	0.01109	0.00122	0.012329
	STRING	3	1277384	2729	1308	0.52522	0.02633	0.00011	0.001098
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	6	1277341	2726	1351	0.51673	0.01172	0.00162	0.002196
	ChIP-Seq	31	1264373	2916	14104	0.49194	0.0111	-0.00023	0.010519
	STRING	2	1277343	2770	1309	0.52541	0.02593	-0.00044	0.000722
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	1277296	2771	1356	0.51626	0.01142	-0.001	0.000361
	ChIP-Seq	28	1264240	3049	14107	0.49191	0.01111	-0.00091	0.0091
	STRING	2	1277334	2779	1309	0.52526	0.02545	-0.00044	0.000719
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	1277287	2780	1356	0.51612	0.01122	-0.001	0.00036
	ChIP-Seq	31	1264202	3087	14104	0.49176	0.0111	-0.00052	0.009942
	STRING	4	1277470	2643	1307	0.52548	0.02517	0.00069	0.001511
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	2	1277422	2645	1355	0.51562	0.01096	-0.00042	0.000756
	ChIP-Seq	40	1264404	2885	14095	0.49201	0.01114	0.00121	0.013675
	STRING	4	1277392	2721	1307	0.52577	0.02499	0.00064	0.001468
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	3	1277345	2722	1354	0.51514	0.01073	6e-05	0.001101
	ChIP-Seq	24	1264237	3052	14111	0.49164	0.01111	-0.00152	0.007802

Tabela 49: Tabular results for mHSC-L problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
PIDC	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
	STRING	9	478565	145	145	0.5486	0.14648	0.05814	0.058442
GENIE3	NonSpecific	7	478237	310	310	0.51763	0.06302	0.02143	0.022082
	ChIP-Seq	50	468554	5130	5130	0.49874	0.01168	-0.00118	0.009653
	STRING	7	478563	147	147	0.54848	0.14725	0.04515	0.045455
GRNBOOST2	NonSpecific	6	478236	311	311	0.51752	0.05812	0.01828	0.018927
	ChIP-Seq	60	468564	5120	5120	0.49918	0.01211	0.00077	0.011583
	STRING	0	478578	132	154	0.54802	0	-0.0003	0.0
SINCERITIES	NonSpecific	0	478265	282	317	0.51716	0	-0.00063	0.0
	ChIP-Seq	24	468868	4816	5156	0.49624	0.01106	-0.00572	0.004633
	STRING	0	478556	154	154	0.54658	0	-0.00032	0.0
PPCOR	NonSpecific	0	478229	318	317	0.516	0	-0.00066	0.0
	ChIP-Seq	51	469189	4495	5129	0.49564	0.01128	0.00038	0.011219
	STRING	1	470285	8425	153	0.54652	0.11146	-0.00152	0.000119
CGP-DSSPD-NR5-EXE1	NonSpecific	7	470128	8419	310	0.51559	0.03139	0.00088	0.000831
	ChIP-Seq	101	465359	8325	5079	0.49606	0.01165	0.00151	0.011987
	STRING	1	470288	8422	153	0.54639	0.10986	-0.00151	0.000119
CGP-DSSPD-NR5-EXE2	NonSpecific	6	470130	8417	311	0.51521	0.02931	0.00026	0.000712
	ChIP-Seq	102	465363	8321	5078	0.49653	0.0119	0.00167	0.01211
	STRING	4	470390	8320	150	0.54625	0.10831	0.00118	0.000481
CGP-DSSPD-NR5-EXE3	NonSpecific	5	470228	8319	312	0.51483	0.02761	-0.00032	0.000601
	ChIP-Seq	106	465466	8218	5074	0.49748	0.01217	0.00247	0.012734
	STRING	4	470221	8489	150	0.54619	0.10757	0.00112	0.000471
CGP-DSSPD-NR5-EXE4	NonSpecific	6	470060	8487	311	0.51453	0.02645	0.00023	0.000706
	ChIP-Seq	112	465303	8381	5068	0.49792	0.01228	0.00308	0.013187
	STRING	3	470187	8523	151	0.54599	0.10541	0.00023	0.000352
CGP-DSSPD-NR5-EXE5	NonSpecific	4	470025	8522	313	0.51407	0.02494	-0.00101	0.000469
	ChIP-Seq	61	465219	8465	5119	0.49585	0.01202	-0.00477	0.007155
	STRING	0	477068	1642	154	0.54593	0	-0.00105	0.0
CGP-DSSPD-NR10-EXE1	NonSpecific	0	476905	1642	317	0.51382	0	-0.00151	0.0
	ChIP-Seq	19	471988	1696	5161	0.49598	0.01207	0.00015	0.011079
	STRING	1	476987	1723	153	0.5458	0.10337	0.00087	0.00058
CGP-DSSPD-NR10-EXE2	NonSpecific	3	476826	1721	314	0.51351	0.02344	0.00252	0.00174
	ChIP-Seq	49	471950	1734	5131	0.49881	0.01251	0.00985	0.027482
	STRING	1	477045	1665	153	0.54574	0.10371	0.00092	0.0006
CGP-DSSPD-NR10-EXE3	NonSpecific	3	476884	1663	314	0.51327	0.02301	0.00262	0.001801
	ChIP-Seq	25	471954	1730	5155	0.49911	0.01254	0.00201	0.014245
	STRING	2	477068	1642	152	0.54561	0.10244	0.00293	0.001217
CGP-DSSPD-NR10-EXE4	NonSpecific	2	476905	1642	315	0.51303	0.02251	0.00127	0.001217
	ChIP-Seq	23	471988	1696	5157	0.49973	0.01263	0.00149	0.01338
	STRING	0	477077	1633	154	0.54554	0	-0.00105	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	0	476914	1633	317	0.51275	0	-0.00151	0.0
	ChIP-Seq	18	471950	1734	5162	0.49974	0.01262	-0.00032	0.010274
	STRING	0	477542	1168	154	0.54541	0	-0.00089	0.0
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	477379	1168	317	0.51243	0	-0.00127	0.0
	ChIP-Seq	42	468263	5421	5138	0.49819	0.01244	-0.00325	0.007688
	STRING	0	478180	530	154	0.54535	0	-0.0006	0.0
CGP-KM-BKM-NR10-EXE2	NonSpecific	1	478018	529	316	0.51232	0.02121	0.00159	0.001887
	ChIP-Seq	55	465118	8566	5125	0.49645	0.01227	-0.00581	0.00638
	STRING	0	475914	2796	154	0.54535	0	-0.00137	0.0
CGP-KM-BKM-NR10-EXE3	NonSpecific	2	475753	2794	315	0.51225	0.02111	0.00016	0.000715
	ChIP-Seq	35	470812	2872	5145	0.49682	0.01233	0.00092	0.01204
	STRING	0	478044	666	154	0.54528	0	-0.00067	0.0
CGP-KM-BKM-NR10-EXE4	NonSpecific	0	477881	666	317	0.51215	0	-0.00096	0.0
	ChIP-Seq	88	468976	4708	5092	0.49912	0.01257	0.00732	0.018349
	STRING	0	478204	506	154	0.54528	0	-0.00058	0.0
CGP-KM-BKM-NR10-EXE5	NonSpecific	0	478041	506	317	0.51211	0	-0.00084	0.0
	ChIP-Seq	38	468008	5676	5142	0.49752	0.01243	-0.00443	0.00665
	STRING	0	477030	1680	154	0.54522	0	-0.00106	0.0
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	2	476869	1678	315	0.51191	0.0206	0.00122	0.00119
	ChIP-Seq	11	471872	1812	5169	0.49667	0.01234	-0.00286	0.006034
	STRING	1	477075	1635	153	0.54515	0.09833	0.00095	0.000611
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	476912	1635	316	0.51159	0.02015	-0.00012	0.000611
	ChIP-Seq	27	471894	1790	5153	0.49756	0.01243	0.00241	0.01486
	STRING	0	477091	1619	154	0.54515	0	-0.00104	0.0
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	0	476928	1619	317	0.51133	0	-0.0015	0.0
	ChIP-Seq	10	471916	1768	5170	0.49653	0.01233	-0.00307	0.005624
	STRING	1	477107	1603	153	0.54509	0.09778	0.00098	0.000623
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	1	476944	1603	316	0.51104	0.01948	-9e-05	0.000623
	ChIP-Seq	30	471936	1748	5150	0.49757	0.01242	0.00357	0.016873
	STRING	3	477077	1633	151	0.54482	0.09569	0.00494	0.001834
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	4	476915	1632	313	0.51232	0.02001	0.00406	0.002445
	ChIP-Seq	34	471853	1831	5146	0.49881	0.01254	0.00448	0.018231

4.2 Considering Self-Loop

Tabela 50: Tabular results for hESC problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	97	1977918	5033	5052	0.50762	0.03152	0.01633	0.018835
PIDC	NonSpecific	40	1978945	4558	4557	0.50339	0.00954	0.0064	0.008662
	ChIP-Seq	23	1974021	7029	7027	0.5002	0.00475	-0.00029	0.003247
	STRING	51	1977862	5089	5098	0.50996	0.03071	0.00734	0.009905
GENIE3	NonSpecific	19	1978911	4592	4578	0.5039	0.00735	0.00181	0.004113
	ChIP-Seq	60	1974039	7011	6990	0.50239	0.0065	0.00496	0.008465
	STRING	75	1977893	5058	5074	0.51153	0.03068	0.01203	0.014566
GRNBOOST2	NonSpecific	23	1978924	4579	4574	0.50372	0.0065	0.00269	0.004982
	ChIP-Seq	47	1974045	7005	7003	0.50283	0.00647	0.00313	0.006635
	STRING	21	1978009	4942	5128	0.51236	0.02607	0.00162	0.004078
SINCERITIES	NonSpecific	37	1979093	4410	4560	0.50651	0.00685	0.00592	0.008014
	ChIP-Seq	56	1974268	6782	6994	0.50493	0.00666	0.00459	0.007905
	STRING	0	1981554	1397	5149	0.51166	0	-0.00135	0.0
PPCOR	NonSpecific	0	1982106	1397	4597	0.50608	0	-0.00128	0.0
	ChIP-Seq	0	1979653	1397	7050	0.50453	0	-0.00158	0.0
	STRING	64	1957151	25800	5085	0.51186	0.02102	-0.00026	0.002433
CGP-DSSPD-NR5-EXE1	NonSpecific	69	1957707	25796	4529	0.50625	0.00572	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50486	0.00598	0.00114	0.004067
	STRING	64	1957151	25800	5085	0.51186	0.02102	-0.00026	0.002433
CGP-DSSPD-NR5-EXE2	NonSpecific	69	1957707	25796	4529	0.50625	0.00572	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50486	0.00598	0.00114	0.004067
	STRING	67	1956973	25978	5082	0.51161	0.01929	-4e-05	0.002526
CGP-DSSPD-NR5-EXE3	NonSpecific	62	1957520	25983	4535	0.50584	0.00522	0.00016	0.002337
	ChIP-Seq	77	1955081	25969	6974	0.5048	0.00569	-0.00114	0.002903
	STRING	67	1957031	25920	5082	0.51172	0.01834	-3e-05	0.002528
CGP-DSSPD-NR5-EXE4	NonSpecific	78	1957594	25909	4519	0.50667	0.0052	0.00165	0.002944
	ChIP-Seq	89	1955152	25898	6961	0.50463	0.00546	-0.00023	0.003359
	STRING	52	1956652	26299	5097	0.51123	0.01734	-0.00141	0.001935
CGP-DSSPD-NR5-EXE5	NonSpecific	65	1957217	26286	4532	0.50644	0.00495	0.00037	0.002419
	ChIP-Seq	102	1954801	26249	6948	0.50452	0.00532	0.00063	0.003796
	STRING	64	1957151	25800	5085	0.51123	0.01734	-0.00026	0.002433
CGP-DSSPD-NR10-EXE1	NonSpecific	69	1957707	25796	4529	0.50644	0.00495	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50452	0.00532	0.00114	0.004067
	STRING	64	1957151	25800	5085	0.51123	0.01734	-0.00026	0.002433
CGP-DSSPD-NR10-EXE2	NonSpecific	69	1957707	25796	4529	0.50644	0.00495	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50452	0.00532	0.00114	0.004067
	STRING	67	1956973	25978	5082	0.51123	0.01734	-4e-05	0.002526
CGP-DSSPD-NR10-EXE3	NonSpecific	62	1957520	25983	4535	0.50644	0.00495	0.00016	0.002337
	ChIP-Seq	77	1955081	25969	6974	0.50452	0.00532	-0.00114	0.002903
	STRING	67	1957031	25920	5082	0.51123	0.01734	-3e-05	0.002528
CGP-DSSPD-NR10-EXE4	NonSpecific	78	1957594	25909	4519	0.50644	0.00495	0.00165	0.002944
	ChIP-Seq	89	1955152	25898	6961	0.50452	0.00532	-0.00023	0.003359
	STRING	52	1956652	26299	5097	0.51123	0.01734	-0.00141	0.001935
CGP-DSSPD-NR10-EXE5	NonSpecific	65	1957217	26286	4532	0.50644	0.00495	0.00037	0.002419
	ChIP-Seq	102	1954801	26249	6948	0.50452	0.00532	0.00063	0.003796
	STRING	134	1953296	29655	5015	0.51234	0.01726	0.00463	0.004424
CGP-KM-BKM-NR10-EXE1	NonSpecific	63	1953776	29727	4535	0.50634	0.00477	-0.00051	0.00208
	ChIP-Seq	89	1951350	29700	6961	0.50407	0.00514	-0.00116	0.002938
	STRING	128	1953596	29355	5021	0.51269	0.01737	0.00423	0.00427
CGP-KM-BKM-NR10-EXE2	NonSpecific	59	1954078	29425	4539	0.50634	0.00475	-0.0008	0.001968
	ChIP-Seq	76	1951643	29407	6974	0.50411	0.00515	-0.002	0.002536
	STRING	111	1954531	28420	5038	0.51325	0.01722	0.00309	0.003832
CGP-KM-BKM-NR10-EXE3	NonSpecific	63	1955035	28468	4534	0.50628	0.00465	-0.00026	0.002175
	ChIP-Seq	88	1952607	28443	6962	0.50384	0.00504	-0.00094	0.003038
	STRING	116	1953782	29169	5033	0.5129	0.01675	0.0033	0.003907
CGP-KM-BKM-NR10-EXE4	NonSpecific	53	1954271	29232	4544	0.50638	0.00459	-0.00128	0.001785
	ChIP-Seq	85	1951850	29200	6965	0.50339	0.00494	-0.00132	0.002863
	STRING	96	1954762	28189	5053	0.51305	0.01652	0.0019	0.003338
CGP-KM-BKM-NR10-EXE5	NonSpecific	74	1955292	28211	4523	0.50654	0.00455	0.00076	0.002573
	ChIP-Seq	69	1952834	28216	6981	0.5032	0.00489	-0.00224	0.002399
	STRING	81	1958060	24891	5068	0.51455	0.01663	0.00145	0.003181
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	65	1958594	24909	4534	0.50691	0.00453	0.00068	0.002553
	ChIP-Seq	83	1956161	24889	6967	0.50307	0.00484	-0.00042	0.00326
	STRING	69	1959431	23520	5080	0.51466	0.01665	0.00072	0.002873
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	60	1959974	23529	4537	0.50684	0.00451	0.00053	0.002498
	ChIP-Seq	55	1957516	23534	6995	0.50302	0.00484	-0.00224	0.00229
	STRING	90	1958331	24620	5059	0.51629	0.01685	0.00232	0.003574
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	59	1958852	24651	4538	0.50697	0.00447	0.00018	0.002343
	ChIP-Seq	77	1956417	24633	6973	0.50187	0.00469	-0.00081	0.003057
	STRING	80	1959183	23768	5069	0.51739	0.01677	0.00166	0.003286
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	68	1959723	23780	4529	0.50704	0.00442	0.00124	0.002793
	ChIP-Seq	82	1957284	23766	6968	0.50164	0.00466	-0.0002	0.003369
	STRING	84	1958562	24389	5065	0.51786	0.01654	0.00185	0.003374
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	64	1959094	24409	4533	0.5068	0.00435	0.0007	0.002571
	ChIP-Seq	87	1956663	24387	6964	0.50069	0.00456	2e-05	0.003494

Tabela 51: Tabular results for hHep problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	214	2079032	8672	8786	0.50889	0.0279	0.01975	0.023767
PIDC	NonSpecific	50	2086137	5232	5285	0.50337	0.00811	0.0069	0.009342
	ChIP-Seq	184	2066094	15200	15226	0.5025	0.01184	0.00464	0.011827
	STRING	115	2078825	8879	8885	0.50935	0.02291	0.00853	0.012774
GENIE3	NonSpecific	28	2086045	5324	5307	0.50366	0.00648	0.0027	0.005231
	ChIP-Seq	79	2065848	15446	15331	0.50086	0.0094	-0.00229	0.005077
	STRING	116	2078877	8827	8884	0.51008	0.02194	0.00869	0.012885
GRNBOOST2	NonSpecific	28	2086064	5305	5307	0.50358	0.00594	0.00271	0.005233
	ChIP-Seq	98	2065973	15321	15312	0.50076	0.00917	-0.001	0.006299
	STRING	33	2078833	8871	8967	0.50967	0.01873	-0.00059	0.003665
SINCERITIES	NonSpecific	10	2086084	5285	5325	0.50331	0.00511	-0.00065	0.001869
	ChIP-Seq	171	2066106	15188	15241	0.50273	0.00984	0.0038	0.01099
	STRING	0	2086271	1433	9000	0.50912	0	-0.00172	0.0
PPCOR	NonSpecific	0	2089936	1433	5335	0.50291	0	-0.00132	0.0
	ChIP-Seq	0	2079861	1433	15410	0.50236	0	-0.00225	0.0
	STRING	127	2060989	26715	8873	0.50938	0.01688	0.00076	0.004639
CGP-DSSPD-NR5-EXE1	NonSpecific	69	2064596	26773	5266	0.50372	0.00482	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.5026	0.00949	0.00113	0.008036
	STRING	127	2060989	26715	8873	0.50938	0.01688	0.00076	0.004639
CGP-DSSPD-NR5-EXE2	NonSpecific	69	2064596	26773	5266	0.50372	0.00482	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.5026	0.00949	0.00113	0.008036
	STRING	117	2060824	26880	8883	0.50908	0.01597	7e-05	0.004256
CGP-DSSPD-NR5-EXE3	NonSpecific	58	2064430	26939	5277	0.50347	0.00456	-0.0009	0.00211
	ChIP-Seq	190	2054484	26810	15223	0.50223	0.00924	-0.00042	0.006912
	STRING	97	2061725	25979	8903	0.50851	0.01522	-0.00098	0.003646
CGP-DSSPD-NR5-EXE4	NonSpecific	75	2065368	26001	5260	0.50398	0.00455	0.00074	0.002819
	ChIP-Seq	226	2055443	25851	15185	0.50283	0.00929	0.00173	0.008496
	STRING	126	2060988	26716	8874	0.50868	0.01491	0.0007	0.004601
CGP-DSSPD-NR5-EXE5	NonSpecific	77	2064604	26765	5258	0.50416	0.00448	0.00073	0.002812
	ChIP-Seq	192	2054642	26652	15220	0.50298	0.00924	-0.00026	0.007011
	STRING	127	2060989	26715	8873	0.50868	0.01491	0.00076	0.004639
CGP-DSSPD-NR10-EXE1	NonSpecific	69	2064596	26773	5266	0.50416	0.00448	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.50298	0.00924	0.00113	0.008036
	STRING	127	2060989	26715	8873	0.50868	0.01491	0.00076	0.004639
CGP-DSSPD-NR10-EXE2	NonSpecific	69	2064596	26773	5266	0.50416	0.00448	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.50298	0.00924	0.00113	0.008036
	STRING	117	2060824	26880	8883	0.50868	0.01491	7e-05	0.004256
CGP-DSSPD-NR10-EXE3	NonSpecific	58	2064430	26939	5277	0.50416	0.00448	-0.0009	0.00211
	ChIP-Seq	190	2054484	26810	15223	0.50298	0.00924	-0.00042	0.006912
	STRING	97	2061725	25979	8903	0.50868	0.01491	-0.00098	0.003646
CGP-DSSPD-NR10-EXE4	NonSpecific	75	2065368	26001	5260	0.50416	0.00448	0.00074	0.002819
	ChIP-Seq	226	2055443	25851	15185	0.50298	0.00924	0.00173	0.008496
	STRING	126	2060988	26716	8874	0.50868	0.01491	0.0007	0.004601
CGP-DSSPD-NR10-EXE5	NonSpecific	77	2064604	26765	5258	0.50416	0.00448	0.00073	0.002812
	ChIP-Seq	192	2054642	26652	15220	0.50298	0.00924	-0.00026	0.007011
	STRING	286	2057114	30590	8714	0.5136	0.01605	0.00929	0.009062
CGP-KM-BKM-NR10-EXE1	NonSpecific	217	2060710	30659	5118	0.50775	0.00506	0.01088	0.006876
	ChIP-Seq	277	2050694	30600	15134	0.50625	0.00969	0.00232	0.008777
	STRING	269	2057944	29760	8731	0.51437	0.016	0.0086	0.008757
CGP-KM-BKM-NR10-EXE2	NonSpecific	199	2061539	29830	5136	0.51005	0.00543	0.00977	0.006478
	ChIP-Seq	283	2051547	29747	15128	0.50902	0.01006	0.00293	0.009213
	STRING	299	2058099	29605	8701	0.51775	0.01656	0.0105	0.0098
CGP-KM-BKM-NR10-EXE3	NonSpecific	238	2061703	29666	5097	0.51142	0.00555	0.01293	0.007801
	ChIP-Seq	358	2051747	29547	15053	0.51146	0.01031	0.00651	0.011734
	STRING	270	2058520	29184	8730	0.52031	0.0169	0.0089	0.008993
CGP-KM-BKM-NR10-EXE4	NonSpecific	201	2062116	29253	5134	0.51251	0.00562	0.01014	0.006695
	ChIP-Seq	270	2052110	29184	15140	0.51255	0.01033	0.00254	0.008993
	STRING	276	2058106	29598	8724	0.52204	0.01701	0.0091	0.009067
CGP-KM-BKM-NR10-EXE5	NonSpecific	192	2061687	29682	5143	0.51281	0.00557	0.00927	0.006307
	ChIP-Seq	301	2051718	29576	15112	0.51391	0.01039	0.00383	0.009888
	STRING	177	2061536	26168	8823	0.52174	0.01664	0.00419	0.006601
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	109	2065133	26236	5226	0.51224	0.00536	0.00357	0.004065
	ChIP-Seq	204	2055152	26142	15207	0.51284	0.01014	0.00052	0.007607
	STRING	189	2062278	25426	8811	0.52182	0.01665	0.00525	0.007242
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	101	2065855	25514	5234	0.51252	0.00539	0.00309	0.00387
	ChIP-Seq	203	2055881	25413	15208	0.51296	0.01016	0.00075	0.007778
	STRING	184	2061652	26052	8816	0.52144	0.01635	0.00468	0.006893
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	97	2065230	26139	5238	0.51173	0.00518	0.00258	0.003634
	ChIP-Seq	153	2055210	26084	15258	0.51176	0.00993	-0.002	0.005732
	STRING	153	2062116	25588	8847	0.52096	0.01605	0.00282	0.005839
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	79	2065707	25662	5256	0.51122	0.00504	0.00116	0.003015
	ChIP-Seq	126	2055679	25615	15284	0.50971	0.00965	-0.0032	0.004809
	STRING	186	2061922	25782	8814	0.52071	0.01582	0.00492	0.007019
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	98	2065499	25870	5237	0.51092	0.00494	0.00273	0.003698
	ChIP-Seq	134	2055460	25834	15276	0.50806	0.00945	-0.00287	0.005056

Tabela 52: Tabular results for mDC problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	130	1733375	5768	5768	0.5085	0.03675	0.01872	0.022041
PIDC	NonSpecific	71	1737274	3849	3847	0.50803	0.0208	0.01591	0.018112
	ChIP-Seq	2	1742656	1192	1191	0.5004	0.00363	0.00099	0.001675
	STRING	58	1733303	5840	5840	0.508	0.02707	0.00648	0.009834
GENIE3	NonSpecific	29	1737234	3889	3889	0.50817	0.01409	0.00517	0.007402
	ChIP-Seq	1	1742656	1192	1192	0.50005	0.00259	0.00015	0.000838
	STRING	61	1733306	5837	5837	0.5079	0.02392	0.00699	0.010342
GRNBOOST2	NonSpecific	25	1737230	3893	3893	0.5083	0.01187	0.00415	0.006381
	ChIP-Seq	0	1742655	1193	1193	0.49988	0	-0.00068	0.0
	STRING	16	1733619	5524	5882	0.50754	0.0207	-0.00048	0.002712
SINCERITIES	NonSpecific	5	1737422	3701	3913	0.5078	0.00897	-0.00087	0.001276
	ChIP-Seq	0	1742711	1137	1193	0.49951	0	-0.00067	0.0
	STRING	0	1737822	1321	5898	0.50681	0	-0.0016	0.0
PPCOR	NonSpecific	0	1739802	1321	3918	0.50729	0	-0.00131	0.0
	ChIP-Seq	0	1742527	1321	1193	0.49885	0	-0.00072	0.0
	STRING	97	1712155	26988	5801	0.50657	0.01794	0.00044	0.003581
CGP-DSSPD-NR5-EXE1	NonSpecific	52	1714090	27033	3866	0.507	0.00708	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.4989	0.00192	0.00044	0.000775
	STRING	97	1712155	26988	5801	0.50657	0.01794	0.00044	0.003581
CGP-DSSPD-NR5-EXE2	NonSpecific	52	1714090	27033	3866	0.507	0.00708	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.4989	0.00192	0.00044	0.000775
	STRING	87	1712271	26872	5811	0.50681	0.01736	-0.00033	0.003227
CGP-DSSPD-NR5-EXE3	NonSpecific	56	1714220	26903	3862	0.50697	0.00655	-0.00044	0.002077
	ChIP-Seq	23	1716912	26936	1170	0.49897	0.00203	0.00081	0.000853
	STRING	120	1712229	26914	5778	0.50717	0.01703	0.00229	0.004439
CGP-DSSPD-NR5-EXE4	NonSpecific	67	1714156	26967	3851	0.50724	0.0063	0.00062	0.002478
	ChIP-Seq	20	1716834	27014	1173	0.49903	0.00211	0.00027	0.00074
	STRING	77	1712297	26846	5821	0.50657	0.01637	-0.00112	0.00286
CGP-DSSPD-NR5-EXE5	NonSpecific	59	1714259	26864	3859	0.5069	0.00597	-0.00014	0.002191
	ChIP-Seq	23	1716948	26900	1170	0.49994	0.00248	0.00082	0.000854
	STRING	97	1712155	26988	5801	0.50657	0.01637	0.00044	0.003581
CGP-DSSPD-NR10-EXE1	NonSpecific	52	1714090	27033	3866	0.5069	0.00597	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.49994	0.00248	0.00044	0.000775
	STRING	97	1712155	26988	5801	0.50657	0.01637	0.00044	0.003581
CGP-DSSPD-NR10-EXE2	NonSpecific	52	1714090	27033	3866	0.5069	0.00597	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.49994	0.00248	0.00044	0.000775
	STRING	87	1712271	26872	5811	0.50657	0.01637	-0.00033	0.003227
CGP-DSSPD-NR10-EXE3	NonSpecific	56	1714220	26903	3862	0.5069	0.00597	-0.00044	0.002077
	ChIP-Seq	23	1716912	26936	1170	0.49994	0.00248	0.00081	0.000853
	STRING	120	1712229	26914	5778	0.50657	0.01637	0.00229	0.004439
CGP-DSSPD-NR10-EXE4	NonSpecific	67	1714156	26967	3851	0.5069	0.00597	0.00062	0.002478
	ChIP-Seq	20	1716834	27014	1173	0.49994	0.00248	0.00027	0.00074
	STRING	77	1712297	26846	5821	0.50657	0.01637	-0.00112	0.00286
CGP-DSSPD-NR10-EXE5	NonSpecific	59	1714259	26864	3859	0.5069	0.00597	-0.00014	0.002191
	ChIP-Seq	23	1716948	26900	1170	0.49994	0.00248	0.00082	0.000854
	STRING	138	1707284	31859	5760	0.50642	0.01604	0.0022	0.004313
CGP-KM-BKM-NR10-EXE1	NonSpecific	82	1709208	31915	3836	0.50696	0.0058	0.00092	0.002563
	ChIP-Seq	0	1742423	1425	1193	0.49958	0	-0.00075	0.0
	STRING	134	1707506	31637	5764	0.50639	0.01602	0.00197	0.004218
CGP-KM-BKM-NR10-EXE2	NonSpecific	80	1709432	31691	3838	0.50694	0.00579	0.00078	0.002518
	ChIP-Seq	0	1742458	1390	1193	0.49958	0	-0.00074	0.0
	STRING	151	1704893	34250	5747	0.50793	0.01643	0.00247	0.004389
CGP-KM-BKM-NR10-EXE3	NonSpecific	100	1706822	34301	3818	0.50665	0.00561	0.00198	0.002907
	ChIP-Seq	0	1742290	1558	1193	0.49932	0	-0.00078	0.0
	STRING	130	1706274	32869	5768	0.50853	0.01645	0.00134	0.00394
CGP-KM-BKM-NR10-EXE4	NonSpecific	79	1708203	32920	3839	0.5072	0.00562	0.00044	0.002394
	ChIP-Seq	0	1742286	1562	1193	0.49915	0	-0.00078	0.0
	STRING	131	1705141	34002	5767	0.50966	0.01668	0.00112	0.003838
CGP-KM-BKM-NR10-EXE5	NonSpecific	79	1707069	34054	3839	0.50721	0.00554	0.00021	0.002314
	ChIP-Seq	0	1742256	1592	1193	0.49897	0	-0.00079	0.0
	STRING	110	1714252	24891	5788	0.51089	0.01688	0.00212	0.0044
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	83	1716205	24918	3835	0.50817	0.00561	0.00274	0.00332
	ChIP-Seq	16	1718863	24985	1177	0.4986	0.00213	-0.0002	0.00064
	STRING	113	1714217	24926	5785	0.51087	0.01687	0.00236	0.004513
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	83	1716167	24956	3835	0.50816	0.00561	0.00273	0.003315
	ChIP-Seq	16	1718825	25023	1177	0.49858	0.00213	-0.00021	0.000639
	STRING	93	1713838	25305	5805	0.51186	0.01696	0.00059	0.003662
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	69	1715794	25329	3849	0.5085	0.00557	0.00121	0.002717
	ChIP-Seq	18	1718468	25380	1175	0.49821	0.00207	0.00012	0.000709
	STRING	95	1713492	25651	5803	0.51197	0.01682	0.00065	0.00369
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	68	1715445	25678	3850	0.50904	0.00557	0.00102	0.002641
	ChIP-Seq	10	1718112	25736	1183	0.49787	0.00201	-0.00138	0.000388
	STRING	93	1713633	25510	5805	0.51242	0.01677	0.00053	0.003632
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	60	1715580	25543	3858	0.50909	0.00551	0.00025	0.002343
	ChIP-Seq	28	1718273	25575	1165	0.49751	0.00197	0.00191	0.001094

Tabela 53: Tabular results for mESC problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	251	2607692	8229	8228	0.51305	0.05944	0.02645	0.029599
PIDC	NonSpecific	127	2608467	7903	7903	0.50671	0.02026	0.0128	0.015816
	ChIP-Seq	958	2539767	41838	41837	0.50297	0.02627	0.00618	0.022385
	STRING	148	2607588	8333	8331	0.51542	0.04868	0.01427	0.017451
GENIE3	NonSpecific	81	2608421	7949	7949	0.5075	0.01354	0.00705	0.010087
	ChIP-Seq	1158	2539968	41637	41637	0.50528	0.02613	0.01093	0.027059
	STRING	145	2607587	8334	8334	0.51608	0.04401	0.01392	0.017101
GRNBOOST2	NonSpecific	92	2608432	7938	7938	0.50792	0.01224	0.00842	0.011457
	ChIP-Seq	1202	2540012	41593	41593	0.50648	0.02647	0.01198	0.028087
	STRING	52	2607633	8288	8427	0.51701	0.0349	0.00299	0.006131
SINCERITIES	NonSpecific	36	2608508	7862	7994	0.50832	0.01024	0.00149	0.004483
	ChIP-Seq	751	2540494	41111	42044	0.50712	0.02566	0.00164	0.017549
	STRING	0	2614301	1620	8479	0.51639	0	-0.00142	0.0
PPCOR	NonSpecific	0	2614750	1620	8030	0.50791	0	-0.00138	0.0
	ChIP-Seq	0	2579985	1620	42795	0.50676	0	-0.0032	0.0
	STRING	91	2586680	29241	8388	0.5163	0.02943	-0.00024	0.003102
CGP-DSSPD-NR5-EXE1	NonSpecific	93	2587131	29239	7937	0.50733	0.0086	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50577	0.02469	-0.00258	0.013228
	STRING	91	2586680	29241	8388	0.5163	0.02943	-0.00024	0.003102
CGP-DSSPD-NR5-EXE2	NonSpecific	93	2587131	29239	7937	0.50733	0.0086	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50577	0.02469	-0.00258	0.013228
	STRING	91	2586307	29614	8388	0.51621	0.02739	-0.00032	0.003063
CGP-DSSPD-NR5-EXE3	NonSpecific	83	2586748	29622	7947	0.50758	0.0082	-0.00052	0.002794
	ChIP-Seq	429	2552329	29276	42366	0.50524	0.02429	-0.00158	0.014442
	STRING	104	2586529	29392	8375	0.51615	0.02594	0.00055	0.003526
CGP-DSSPD-NR5-EXE4	NonSpecific	94	2586968	29402	7936	0.508	0.00797	0.00024	0.003187
	ChIP-Seq	468	2552577	29028	42327	0.50499	0.02407	-0.00037	0.015867
	STRING	99	2586439	29482	8380	0.51636	0.02498	0.00022	0.003347
CGP-DSSPD-NR5-EXE5	NonSpecific	84	2586873	29497	7946	0.50796	0.0077	-0.00042	0.00284
	ChIP-Seq	462	2552486	29119	42333	0.50477	0.02391	-0.00058	0.015618
	STRING	91	2586680	29241	8388	0.51636	0.02498	-0.00024	0.003102
CGP-DSSPD-NR10-EXE1	NonSpecific	93	2587131	29239	7937	0.50796	0.0077	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50477	0.02391	-0.00258	0.013228
	STRING	91	2586680	29241	8388	0.51636	0.02498	-0.00024	0.003102
CGP-DSSPD-NR10-EXE2	NonSpecific	93	2587131	29239	7937	0.50796	0.0077	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50477	0.02391	-0.00258	0.013228
	STRING	91	2586307	29614	8388	0.51636	0.02498	-0.00032	0.003063
CGP-DSSPD-NR10-EXE3	NonSpecific	83	2586748	29622	7947	0.50796	0.0077	-0.00052	0.002794
	ChIP-Seq	429	2552329	29276	42366	0.50477	0.02391	-0.00158	0.014442
	STRING	104	2586529	29392	8375	0.51636	0.02498	0.00055	0.003526
CGP-DSSPD-NR10-EXE4	NonSpecific	94	2586968	29402	7936	0.50796	0.0077	0.00024	0.003187
	ChIP-Seq	468	2552577	29028	42327	0.50477	0.02391	-0.00037	0.015867
	STRING	99	2586439	29482	8380	0.51636	0.02498	0.00022	0.003347
CGP-DSSPD-NR10-EXE5	NonSpecific	84	2586873	29497	7946	0.50796	0.0077	-0.00042	0.00284
	ChIP-Seq	462	2552486	29119	42333	0.50477	0.02391	-0.00058	0.015618
	STRING	174	2575907	40014	8305	0.51756	0.02467	0.00242	0.00433
CGP-KM-BKM-NR10-EXE1	NonSpecific	139	2576321	40049	7891	0.50895	0.0077	0.0009	0.003459
	ChIP-Seq	564	2541981	39624	42231	0.50389	0.02363	-0.00224	0.014034
	STRING	194	2575772	40149	8285	0.51787	0.02477	0.00347	0.004809
CGP-KM-BKM-NR10-EXE2	NonSpecific	168	2576195	40175	7862	0.50912	0.00772	0.0025	0.004164
	ChIP-Seq	696	2541958	39647	42099	0.5058	0.024	0.00093	0.017252
	STRING	120	2577032	38889	8359	0.51755	0.02399	-0.00034	0.003076
CGP-KM-BKM-NR10-EXE3	NonSpecific	115	2577476	38894	7915	0.50912	0.00756	-0.00025	0.002948
	ChIP-Seq	462	2543058	38547	42333	0.50434	0.02367	-0.00433	0.011843
	STRING	177	2575605	40316	8302	0.51735	0.02338	0.00251	0.004371
CGP-KM-BKM-NR10-EXE4	NonSpecific	148	2576025	40345	7882	0.50916	0.00744	0.00135	0.003655
	ChIP-Seq	709	2541821	39784	42086	0.50518	0.02379	0.00119	0.017509
	STRING	216	2576601	39320	8263	0.51743	0.02301	0.00487	0.005463
CGP-KM-BKM-NR10-EXE5	NonSpecific	174	2577008	39362	7856	0.50983	0.00745	0.003	0.004401
	ChIP-Seq	541	2542610	38995	42254	0.50451	0.02368	-0.00256	0.013684
	STRING	83	2588501	27420	8396	0.51822	0.02277	-0.00039	0.003018
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	75	2588942	27428	7955	0.50948	0.00727	-0.00062	0.002727
	ChIP-Seq	477	2554579	27026	42318	0.50482	0.02372	0.00084	0.017344
	STRING	94	2588590	27331	8385	0.51801	0.02252	0.00036	0.003428
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	88	2589033	27337	7942	0.50944	0.00722	0.00028	0.003209
	ChIP-Seq	435	2554615	26990	42360	0.50432	0.02363	-0.00036	0.015861
	STRING	84	2589016	26905	8395	0.51828	0.02221	-0.00021	0.003112
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	85	2589466	26904	7945	0.50934	0.00712	0.00017	0.003149
	ChIP-Seq	405	2555021	26584	42390	0.50391	0.02357	-0.00105	0.015006
	STRING	83	2588936	26985	8396	0.51837	0.02191	-0.0003	0.003066
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	83	2589385	26985	7947	0.50962	0.00708	1e-05	0.003066
	ChIP-Seq	346	2554883	26722	42449	0.50304	0.02347	-0.00284	0.012783
	STRING	95	2589365	26556	8384	0.51878	0.02174	0.0006	0.003565
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	77	2589796	26574	7953	0.50929	0.00698	-0.00031	0.002889
	ChIP-Seq	370	2555324	26281	42425	0.50271	0.02345	-0.00194	0.013883

Tabela 54: Tabular results for mHSC-E problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	71	1446035	1755	1755	0.51745	0.05694	0.03767	0.038883
PIDC	NonSpecific	36	1445732	1924	1924	0.50819	0.02343	0.01704	0.018367
	ChIP-Seq	276	1405941	21700	21699	0.4988	0.01485	-0.00264	0.012559
	STRING	51	1446014	1776	1775	0.52204	0.04801	0.0267	0.027915
GENIE3	NonSpecific	46	1445741	1915	1914	0.51387	0.02133	0.02214	0.023457
	ChIP-Seq	51	1405716	21925	21924	0.49448	0.01238	-0.01304	0.002321
	STRING	58	1446022	1768	1768	0.52393	0.04918	0.03054	0.031763
GRNBOOST2	NonSpecific	44	1445740	1916	1916	0.51412	0.0223	0.02113	0.022449
	ChIP-Seq	113	1405779	21862	21862	0.49327	0.01234	-0.01017	0.005142
	STRING	0	0	0	0	0	0	0	0
SINCERITIES	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
	STRING	0	1446586	1204	1826	0.5228	0	-0.00102	0.0
PPCOR	NonSpecific	0	1446452	1204	1960	0.5134	0	-0.00106	0.0
	ChIP-Seq	0	1426437	1204	21975	0.49284	0	-0.00358	0.0
	STRING	22	1425215	22575	1804	0.5234	0.03798	-0.00102	0.000974
CGP-DSSPD-NR5-EXE1	NonSpecific	31	1425090	22566	1929	0.51455	0.01682	7e-05	0.001372
	ChIP-Seq	327	1405371	22270	21648	0.49261	0.01331	-0.00071	0.014471
	STRING	25	1425253	22537	1801	0.5232	0.03591	-0.00054	0.001108
CGP-DSSPD-NR5-EXE2	NonSpecific	23	1425117	22539	1937	0.51472	0.01558	-0.00114	0.001019
	ChIP-Seq	336	1405415	22226	21639	0.49241	0.01385	-0.00028	0.014892
	STRING	20	1425936	21854	1806	0.52273	0.03401	-0.0012	0.000914
CGP-DSSPD-NR5-EXE3	NonSpecific	24	1425806	21850	1936	0.51433	0.01437	-0.00086	0.001097
	ChIP-Seq	359	1406126	21515	21616	0.49309	0.01434	0.00127	0.016412
	STRING	28	1425348	22442	1798	0.52281	0.03281	-5e-05	0.001246
CGP-DSSPD-NR5-EXE4	NonSpecific	44	1425230	22426	1916	0.514	0.01353	0.00207	0.001958
	ChIP-Seq	360	1405531	22110	21615	0.49363	0.01463	0.00089	0.016021
	STRING	28	1426006	21784	1798	0.52233	0.03136	8e-05	0.001284
CGP-DSSPD-NR5-EXE5	NonSpecific	24	1425868	21788	1936	0.51366	0.01286	-0.00085	0.0011
	ChIP-Seq	331	1406160	21481	21644	0.49363	0.01475	2e-05	0.015175
	STRING	28	1424716	23074	1798	0.52211	0.03022	-0.00017	0.001212
CGP-DSSPD-NR10-EXE1	NonSpecific	36	1424590	23066	1924	0.51329	0.01228	0.00071	0.001558
	ChIP-Seq	324	1404863	22778	21651	0.49326	0.01478	-0.00118	0.014025
	STRING	28	1424716	23074	1798	0.52211	0.03022	-0.00017	0.001212
CGP-DSSPD-NR10-EXE2	NonSpecific	36	1424590	23066	1924	0.51329	0.01228	0.00071	0.001558
	ChIP-Seq	324	1404863	22778	21651	0.49326	0.01478	-0.00118	0.014025
	STRING	20	1424505	23285	1806	0.52276	0.02988	-0.00145	0.000858
CGP-DSSPD-NR10-EXE3	NonSpecific	27	1424378	23278	1933	0.51324	0.01193	-0.00067	0.001159
	ChIP-Seq	342	1404678	22963	21633	0.49313	0.01483	-0.00051	0.014675
	STRING	28	1424816	22974	1798	0.52231	0.0289	-0.00015	0.001217
CGP-DSSPD-NR10-EXE4	NonSpecific	31	1424685	22971	1929	0.51269	0.01151	-2e-05	0.001348
	ChIP-Seq	364	1405003	22638	21611	0.49344	0.01491	0.00069	0.015825
	STRING	25	1424885	22905	1801	0.52268	0.02849	-0.0006	0.00109
CGP-DSSPD-NR10-EXE5	NonSpecific	34	1424760	22896	1926	0.5126	0.01124	0.00045	0.001483
	ChIP-Seq	386	1405097	22544	21589	0.49442	0.01503	0.00174	0.016834
	STRING	39	1425404	22386	1787	0.52256	0.0279	0.00169	0.001739
CGP-KM-BKM-NR10-EXE1	NonSpecific	36	1425267	22389	1924	0.51253	0.01101	0.00086	0.001605
	ChIP-Seq	333	1405549	22092	21642	0.49462	0.01505	-0.00032	0.014849
	STRING	32	1426045	21745	1794	0.52243	0.02767	0.00073	0.001469
CGP-KM-BKM-NR10-EXE2	NonSpecific	38	1425917	21739	1922	0.51235	0.01091	0.00132	0.001745
	ChIP-Seq	315	1406179	21462	21660	0.49254	0.01488	-0.0007	0.014465
	STRING	30	1426121	21669	1796	0.5225	0.02745	0.00043	0.001383
CGP-KM-BKM-NR10-EXE3	NonSpecific	52	1426009	21647	1908	0.51232	0.01082	0.0035	0.002396
	ChIP-Seq	289	1406231	21410	21686	0.49215	0.01485	-0.00186	0.013319
	STRING	34	1425986	21804	1792	0.52234	0.02722	0.00104	0.001557
CGP-KM-BKM-NR10-EXE4	NonSpecific	37	1425855	21801	1923	0.51236	0.01077	0.00115	0.001694
	ChIP-Seq	246	1406049	21592	21729	0.49058	0.01474	-0.00394	0.011265
	STRING	2	1445965	1825	1824	0.52223	0.02702	-0.00016	0.001095
CGP-KM-BKM-NR10-EXE5	NonSpecific	33	1425668	21988	1927	0.51216	0.01066	0.00049	0.001499
	ChIP-Seq	288	1405908	21733	21687	0.49008	0.0147	-0.00212	0.013078
	STRING	49	1425806	21984	1777	0.52229	0.02657	0.00338	0.002224
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	47	1425670	21986	1913	0.5116	0.01034	0.00264	0.002133
	ChIP-Seq	314	1405922	21719	21661	0.48974	0.01468	-0.00092	0.014251
	STRING	48	1425938	21852	1778	0.52227	0.02654	0.00326	0.002192
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	27	1425783	21873	1933	0.51157	0.01033	-0.0004	0.001233
	ChIP-Seq	324	1406065	21576	21651	0.49146	0.0148	-0.00037	0.014795
	STRING	43	1425989	21801	1783	0.52233	0.02613	0.00247	0.001969
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	48	1425860	21796	1912	0.51203	0.0103	0.00284	0.002197
	ChIP-Seq	280	1406077	21564	21695	0.49029	0.01473	-0.00237	0.012818
	STRING	46	1427195	20595	1780	0.52234	0.02573	0.00328	0.002229
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	35	1427050	20606	1925	0.51151	0.0101	0.00112	0.001696
	ChIP-Seq	285	1407285	20356	21690	0.48958	0.0147	-0.00133	0.013807
	STRING	33	1425879	21911	1793	0.52264	0.0258	0.00085	0.001504
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	39	1425751	21905	1921	0.51122	0.00927	0.00143	0.001777
	ChIP-Seq	264	1405961	21680	21711	0.48847	0.01467	-0.00317	0.012031

Tabela 55: Tabular results for mHSC-GM problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
	STRING	35	1278836	1277	1276	0.5114	0.04191	0.02569	0.026677
PIDC	NonSpecific	28	1278737	1330	1329	0.50949	0.03316	0.01959	0.020619
	ChIP-Seq	117	1253270	14019	14018	0.49848	0.01049	-0.00279	0.008277
	STRING	55	1278857	1256	1256	0.52309	0.04703	0.04097	0.041953
GENIE3	NonSpecific	33	1278742	1325	1324	0.51529	0.03318	0.02328	0.0243
	ChIP-Seq	85	1253237	14052	14050	0.49728	0.00997	-0.00507	0.006013
	STRING	53	1278855	1258	1258	0.52696	0.05021	0.03944	0.040427
GRNBOOST2	NonSpecific	35	1278745	1322	1322	0.51732	0.03352	0.02476	0.025792
	ChIP-Seq	116	1253270	14019	14019	0.49701	0.01015	-0.00286	0.008207
	STRING	0	1278806	1307	1311	0.5267	0	-0.00102	0.0
SINCERITIES	NonSpecific	0	1278714	1353	1357	0.51701	0	-0.00106	0.0
	ChIP-Seq	113	1253398	13891	14022	0.49545	0.01018	-0.00298	0.007994
	STRING	0	1278981	1132	1311	0.52534	0	-0.00095	0.0
PPCOR	NonSpecific	0	1278935	1132	1357	0.51609	0	-0.00097	0.0
	ChIP-Seq	0	1266157	1132	14135	0.49498	0	-0.00314	0.0
	STRING	14	1263290	16823	1297	0.52481	0.03603	-0.00069	0.000832
CGP-DSSPD-NR5-EXE1	NonSpecific	13	1263243	16824	1344	0.5155	0.01836	-0.00102	0.000772
	ChIP-Seq	153	1250605	16684	13982	0.49406	0.01026	-0.00215	0.009087
	STRING	19	1264924	15189	1292	0.52459	0.03401	0.00078	0.001249
CGP-DSSPD-NR5-EXE2	NonSpecific	17	1264876	15191	1340	0.51568	0.01697	0.0002	0.001118
	ChIP-Seq	201	1252282	15007	13934	0.49493	0.01076	0.00229	0.013217
	STRING	11	1264797	15316	1300	0.52454	0.03287	-0.00105	0.000718
CGP-DSSPD-NR5-EXE3	NonSpecific	16	1264756	15311	1341	0.51625	0.01619	-5e-05	0.001044
	ChIP-Seq	161	1252123	15166	13974	0.49471	0.01089	-0.00055	0.010504
	STRING	22	1264867	15246	1289	0.52402	0.03136	0.00144	0.001441
CGP-DSSPD-NR5-EXE4	NonSpecific	17	1264816	15251	1340	0.51609	0.01524	0.00018	0.001113
	ChIP-Seq	166	1252187	15102	13969	0.49463	0.011	-0.00017	0.010872
	STRING	20	1264955	15158	1291	0.52417	0.03031	0.00101	0.001318
CGP-DSSPD-NR5-EXE5	NonSpecific	16	1264905	15162	1341	0.51629	0.01463	-2e-05	0.001054
	ChIP-Seq	155	1252266	15023	13980	0.4944	0.01106	-0.00086	0.010212
	STRING	3	1277428	2685	1308	0.52439	0.02958	0.00013	0.001116
CGP-DSSPD-NR10-EXE1	NonSpecific	4	1277383	2684	1353	0.51647	0.0141	0.0006	0.001488
	ChIP-Seq	28	1264534	2755	14107	0.4942	0.01105	-0.00043	0.010061
	STRING	2	1277489	2624	1309	0.52431	0.02887	-0.00037	0.000762
CGP-DSSPD-NR10-EXE2	NonSpecific	3	1277444	2623	1354	0.51633	0.01358	0.00012	0.001142
	ChIP-Seq	36	1264633	2656	14099	0.49446	0.01111	0.00103	0.013373
	STRING	2	1277414	2699	1309	0.52411	0.02804	-0.00041	0.00074
CGP-DSSPD-NR10-EXE3	NonSpecific	2	1277368	2699	1355	0.51571	0.01289	-0.00045	0.00074
	ChIP-Seq	50	1264555	2734	14085	0.49517	0.01123	0.0031	0.01796
	STRING	2	1277447	2666	1309	0.52408	0.02756	-0.00039	0.00075
CGP-DSSPD-NR10-EXE4	NonSpecific	5	1277404	2663	1352	0.51591	0.01264	0.00114	0.001874
	ChIP-Seq	23	1264507	2782	14112	0.49497	0.01122	-0.00127	0.0082
	STRING	0	1277398	2715	1311	0.52361	0	-0.00147	0.0
CGP-DSSPD-NR10-EXE5	NonSpecific	1	1277353	2714	1356	0.51575	0.01231	-0.00098	0.000368
	ChIP-Seq	26	1264552	2737	14109	0.49483	0.01121	-0.00072	0.00941
	STRING	2	1278725	1388	1309	0.52359	0.02628	0.00043	0.001439
CGP-KM-BKM-NR10-EXE1	NonSpecific	0	1278677	1390	1357	0.51522	0	-0.00107	0.0
	ChIP-Seq	87	1257790	9499	14048	0.49441	0.0112	-0.00162	0.009076
	STRING	1	1278799	1314	1310	0.52346	0.02611	-0.00026	0.00076
CGP-KM-BKM-NR10-EXE2	NonSpecific	0	1278534	1533	1357	0.51502	0	-0.00113	0.0
	ChIP-Seq	145	1253053	14236	13990	0.49419	0.01123	-0.00097	0.010083
	STRING	6	1277608	2505	1305	0.52384	0.0254	0.00189	0.002389
CGP-KM-BKM-NR10-EXE3	NonSpecific	4	1277560	2507	1353	0.51545	0.01141	0.00073	0.001593
	ChIP-Seq	30	1258708	8581	14105	0.49238	0.01105	-0.00594	0.003484
	STRING	3	1277988	2125	1308	0.52406	0.02537	0.00049	0.00141
CGP-KM-BKM-NR10-EXE4	NonSpecific	4	1277943	2124	1353	0.51624	0.01153	0.00103	0.00188
	ChIP-Seq	54	1256561	10728	14081	0.49052	0.01089	-0.00531	0.005008
	STRING	4	1278246	1867	1307	0.52419	0.02524	0.00133	0.002138
CGP-KM-BKM-NR10-EXE5	NonSpecific	1	1278197	1870	1356	0.51639	0.0115	-0.00062	0.000534
	ChIP-Seq	151	1255050	12239	13984	0.49158	0.01105	0.00109	0.012187
	STRING	3	1277375	2738	1308	0.52401	0.0248	0.0001	0.001094
CGP-KM-DSSPD-NR10-EXE1	NonSpecific	6	1277332	2735	1351	0.51592	0.01122	0.00161	0.002189
	ChIP-Seq	31	1264362	2927	14104	0.4916	0.01107	-0.00025	0.01048
	STRING	2	1277338	2775	1309	0.5242	0.02451	-0.00044	0.00072
CGP-KM-DSSPD-NR10-EXE2	NonSpecific	1	1277291	2776	1356	0.51546	0.01097	-0.001	0.00036
	ChIP-Seq	28	1264235	3054	14107	0.49157	0.01107	-0.00092	0.009085
	STRING	2	1277326	2787	1309	0.52405	0.02414	-0.00045	0.000717
CGP-KM-DSSPD-NR10-EXE3	NonSpecific	1	1277279	2788	1356	0.51531	0.01081	-0.00101	0.000359
	ChIP-Seq	31	1264194	3095	14104	0.49142	0.01107	-0.00053	0.009917
	STRING	4	1277460	2653	1307	0.52427	0.02393	0.00069	0.001505
CGP-KM-DSSPD-NR10-EXE4	NonSpecific	2	1277412	2655	1355	0.51482	0.01058	-0.00043	0.000753
	ChIP-Seq	40	1264392	2897	14095	0.49168	0.01111	0.00119	0.013619
	STRING	4	1277388	2725	1307	0.52456	0.02382	0.00064	0.001466
CGP-KM-DSSPD-NR10-EXE5	NonSpecific	3	1277341	2726	1354	0.51434	0.01038	6e-05	0.001099
	ChIP-Seq	24	1264231	3058	14111	0.49131	0.01108	-0.00153	0.007787

Tabela 56: Tabular results for mHSC-L problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
GENIE3	STRING	9	478565	145	145	0.5486	0.14648	0.05814	0.058442
	NonSpecific	7	478237	310	310	0.51763	0.06302	0.02143	0.022082
	ChIP-Seq	50	468554	5130	5130	0.49874	0.01168	-0.00118	0.009653
GRNBOOST2	STRING	7	478563	147	147	0.54848	0.14725	0.04515	0.045455
	NonSpecific	6	478236	311	311	0.51752	0.05812	0.01828	0.018927
	ChIP-Seq	60	468564	5120	5120	0.49918	0.01211	0.00077	0.011583
SINCERITIES	STRING	0	478578	132	154	0.54802	0	-0.0003	0.0
	NonSpecific	0	478265	282	317	0.51716	0	-0.00063	0.0
	ChIP-Seq	24	468868	4816	5156	0.49624	0.01106	-0.00572	0.004633
PPCOR	STRING	0	478018	692	154	0.54658	0	-0.00068	0.0
	NonSpecific	0	477855	692	317	0.516	0	-0.00098	0.0
	ChIP-Seq	51	468555	5129	5129	0.49564	0.01128	-0.00098	0.009846
CGP-DSSPD-NR5-EXE1	STRING	1	470276	8434	153	0.54652	0.11146	-0.00152	0.000119
	NonSpecific	7	470119	8428	310	0.51559	0.03139	0.00087	0.00083
	ChIP-Seq	101	465350	8334	5079	0.49606	0.01165	0.0015	0.011974
CGP-DSSPD-NR5-EXE2	STRING	1	470278	8432	153	0.54639	0.10986	-0.00152	0.000119
	NonSpecific	6	470120	8427	311	0.51521	0.02931	0.00026	0.000711
	ChIP-Seq	102	465353	8331	5078	0.49653	0.0119	0.00165	0.012095
CGP-DSSPD-NR5-EXE3	STRING	4	470378	8332	150	0.54625	0.10831	0.00118	0.00048
	NonSpecific	5	470216	8331	312	0.51483	0.02761	-0.00032	0.0006
	ChIP-Seq	106	465454	8230	5074	0.49748	0.01217	0.00244	0.012716
CGP-DSSPD-NR5-EXE4	STRING	4	470209	8501	150	0.54619	0.10757	0.00112	0.00047
	NonSpecific	6	470048	8499	311	0.51453	0.02645	0.00023	0.000705
	ChIP-Seq	112	465291	8393	5068	0.49792	0.01228	0.00306	0.013169
CGP-DSSPD-NR5-EXE5	STRING	3	470177	8533	151	0.54599	0.10541	0.00022	0.000351
	NonSpecific	4	470015	8532	313	0.51407	0.02494	-0.00101	0.000469
	ChIP-Seq	61	465209	8475	5119	0.49585	0.01202	-0.00478	0.007146
CGP-DSSPD-NR10-EXE1	STRING	0	477064	1646	154	0.54593	0	-0.00105	0.0
	NonSpecific	0	476901	1646	317	0.51382	0	-0.00151	0.0
	ChIP-Seq	19	471984	1700	5161	0.49598	0.01207	0.00014	0.011053
CGP-DSSPD-NR10-EXE2	STRING	1	476985	1725	153	0.5458	0.10337	0.00086	0.000579
	NonSpecific	3	476824	1723	314	0.51351	0.02344	0.00252	0.001738
	ChIP-Seq	49	471947	1737	5131	0.49881	0.01251	0.00983	0.027436
CGP-DSSPD-NR10-EXE3	STRING	1	477039	1671	153	0.54574	0.10371	0.00091	0.000598
	NonSpecific	3	476878	1669	314	0.51327	0.02301	0.00261	0.001794
	ChIP-Seq	25	471948	1736	5155	0.49911	0.01254	0.00198	0.014196
CGP-DSSPD-NR10-EXE4	STRING	2	477064	1646	152	0.54561	0.10244	0.00292	0.001214
	NonSpecific	2	476901	1646	315	0.51303	0.02251	0.00126	0.001214
	ChIP-Seq	23	471984	1700	5157	0.49973	0.01263	0.00147	0.013349
CGP-DSSPD-NR10-EXE5	STRING	0	477075	1635	154	0.54554	0	-0.00105	0.0
	NonSpecific	0	476912	1635	317	0.51275	0	-0.00151	0.0
	ChIP-Seq	18	471947	1737	5162	0.49974	0.01262	-0.00033	0.010256
CGP-KM-BKM-NR10-EXE1	STRING	0	477504	1206	154	0.54541	0	-0.0009	0.0
	NonSpecific	0	477341	1206	317	0.51243	0	-0.00129	0.0
	ChIP-Seq	42	468206	5478	5138	0.49819	0.01244	-0.00335	0.007609
CGP-KM-BKM-NR10-EXE2	STRING	0	478154	556	154	0.54535	0	-0.00061	0.0
	NonSpecific	1	477992	555	316	0.51232	0.02121	0.00151	0.001799
	ChIP-Seq	55	465053	8631	5125	0.49645	0.01227	-0.00589	0.006332
CGP-KM-BKM-NR10-EXE3	STRING	0	475870	2840	154	0.54535	0	-0.00138	0.0
	NonSpecific	2	475709	2838	315	0.51225	0.02111	0.00013	0.000704
	ChIP-Seq	35	470768	2916	5145	0.49682	0.01233	0.00079	0.01186
CGP-KM-BKM-NR10-EXE4	STRING	0	478014	696	154	0.54528	0	-0.00068	0.0
	NonSpecific	0	477851	696	317	0.51215	0	-0.00098	0.0
	ChIP-Seq	88	468913	4771	5092	0.49912	0.01257	0.00714	0.018111
CGP-KM-BKM-NR10-EXE5	STRING	0	478170	540	154	0.54528	0	-0.0006	0.0
	NonSpecific	0	478007	540	317	0.51211	0	-0.00086	0.0
	ChIP-Seq	38	467939	5745	5142	0.49752	0.01243	-0.00454	0.006571
CGP-KM-DSSPD-NR10-EXE1	STRING	0	477028	1682	154	0.54522	0	-0.00106	0.0
	NonSpecific	2	476867	1680	315	0.51191	0.0206	0.00122	0.001189
	ChIP-Seq	11	471870	1814	5169	0.49667	0.01234	-0.00286	0.006027
CGP-KM-DSSPD-NR10-EXE2	STRING	1	477071	1639	153	0.54515	0.09833	0.00094	0.00061
	NonSpecific	1	476908	1639	316	0.51159	0.02015	-0.00012	0.00061
	ChIP-Seq	27	471890	1794	5153	0.49756	0.01243	0.00239	0.014827
CGP-KM-DSSPD-NR10-EXE3	STRING	0	477088	1622	154	0.54515	0	-0.00105	0.0
	NonSpecific	0	476925	1622	317	0.51133	0	-0.0015	0.0
	ChIP-Seq	10	471911	1773	5170	0.49653	0.01233	-0.00308	0.005609
CGP-KM-DSSPD-NR10-EXE4	STRING	1	477105	1605	153	0.54509	0.09778	0.00097	0.000623
	NonSpecific	1	476942	1605	316	0.51104	0.01948	-9e-05	0.000623
	ChIP-Seq	30	471934	1750	5150	0.49757	0.01242	0.00357	0.016854
CGP-KM-DSSPD-NR10-EXE5	STRING	3	477068	1642	151	0.54482	0.09569	0.00492	0.001824
	NonSpecific	4	476906	1641	313	0.51232	0.02001	0.00404	0.002432
	ChIP-Seq	34	471841	1843	5146	0.49881	0.01254	0.00443	0.018114

5 Clustering Analysis

Tabela 57: hESC - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
			500nTF			
ChIP-Seq	0 1	36.87% 65.24%	0.73795	0.71499	0.72629	62%
NonSpecific	0 1	15.79% 11.74%	0.51117	0.35257	0.41731	12.2%
STRING	0 1	15.79% 18.74%	0.30497	0.23792	0.26730	18.4%
			500TF			
ChIP-Seq	0 1	59.65% 89.84%	0.30197	0.30565	0.30800	86.4%
NonSpecific	0 1	61.4% 77.88%	0.00749	0.00821	0.00783	76%
STRING	0 1	35.09% 38.37%	0.004056	0.005814	0.00478	38%
			1000nTF			
ChIP-Seq	0 1	70.65% 77.07%	0.87629	0.87014	0.87320	75.3%
NonSpecific	0 1	51.81% 49.31%	0.62201	0.59091	0.60606	50%
STRING	0 1	27.17% 20.58%	0.30605	0.28948	0.29753	22.4%
			1000TF			
ChIP-Seq	0 1	86.85% 90.37%	0.82063	0.80689	0.81370	89.36%
NonSpecific	0 1	82.13% 81.23%	0.32575	0.30926	0.31729	81.49%
STRING	0 1	57.57% 47.37%	0.12623	0.11853	0.12226	50.28%

Tabela 58: hHep - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0	80.47%	0.94592	0.95454	0.95027	75.6%
	1	64.97%				
NonSpecific	0	20.41%	0.49169	0.52658	0.508537	17.6%
	1	11.46%				
STRING	0	38.78%	0.61263	0.627067	0.619762	32.2%
	1	17.83%				
500TF						
ChIP-Seq	0	95.65%	0.72091	0.67159	0.69538	92.19%
	1	95.45%				
	2	91.14%				
	3	93.15%				
	4	89.66%				
NonSpecific	0	91.3%	0.265731	0.24107	0.25280	87.76
	1	72.73%				
	2	81.01%				
	3	86.72%				
	4	94.83%				
STRING	0	75.36%	0.09948	0.08452	0.09139	69.2%
	1	59.09%				
	2	39.24%				
	3	68.52%				
	4	90.09%				
1000nTF						
ChIP-Seq	0	74.71%	0.93933	0.92483	0.93202	81.6%
	1	83.98%				
NonSpecific	0	17.9%	0.60770	0.55700	0.58125	21%
	1	22.07%				
STRING	0	15.18%	0.61113	0.56859	0.58909	34.2%
	1	40.78%				
1000TF						
ChIP-Seq	0	92.58%	0.78745	0.78260	0.78501	91.92%
	1	88.15%				
	2	94.12%				
	3	91.24%				
NonSpecific	0	82.74%	0.32664	0.32261	0.32462	84.53
	1	94.79%				
	2	86.27%				
	3	80.08%				
STRING	0	60.87%	0.12396	0.11570	0.11969	61.40%
	1	91.00%				
	2	63.24%				
	3	36.65%				

6 Boxplots

6.1 ChIP-Seq

Tabela 59: mDC - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
				500nTF		
ChIP-Seq	0 1	6.97% 6.47%	0.73923	0.69956	0.71885	6.8%
NonSpecific	0 1	6.36% 7.06%	0.30870	0.30870	0.30870	6.6%
STRING	0 1	16.06% 20%	0.61047	0.59951	0.60494	17.4%
				500TF		
ChIP-Seq	0 1 2 3	55.79% 50.51% 53.92% 75%	0.75024	0.71724	0.73337	54.57%
NonSpecific	0 1 2 3	95.79% 75.76% 65.36% 62.5%	0.38478	0.32547	0.35265	78.32%
STRING	0 1 2 3	81.05% 59.09% 39.87% 53.12%	0.27464	0.20788	0.23664	59.32%
				1000nTF		
ChIP-Seq	0 1	26.44% 25.1%	0.84284	0.80088	0.82132	26.1%
NonSpecific	0 1	25.9% 31.08%	0.55527	0.51299	0.53330	27.2%
STRING	0 1	23.9% 28.29%	0.53696	0.47856	0.50608	25%
				1000TF		
ChIP-Seq	0 1	52.04% 52.85%	0.84085	0.79784	0.81878	52.23%
NonSpecific	0 1	74.53% 73.10%	0.52541	0.43127	0.47371	74.19%
STRING	0 1	51.34% 52.22%	0.39610	0.29902	0.34079	51.55%

Tabela 60: mESC - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0 1	75% 73.39%	0.52269	0.11614	0.19006	73.4%
NonSpecific	0 1	25% 41.33%	0.0	1.0	0.0	41.2%
STRING	0 1	25% 17.54%	0.0	1.0	0.0	17.6%
500TF						
ChIP-Seq	0 1 2	86.78% 87.44% 80%	0.53199	0.41385	0.46554	87.23%
NonSpecific	0 1 2	77.97% 80.73% 80%	0.12037	0.098862	0.10856	80%
STRING	0 1 2	60.68% 56.95% 40%	0.04453	0.03601	0.03982	56.86%
1000nTF						
ChIP-Seq	0 1 2 3	69.98% 84.21% 90.91% 81.69%	0.67579	0.62778	0.65090	77.5%
NonSpecific	0 1 2 3	52.61% 62.57% 54.55% 41.69%	0.46925	0.45913	0.46414	49.8%
STRING	0 1 2 3	22.58% 32.75% 27.27% 18.07%	0.26065	0.25691	0.25877	22.5%
1000TF						
ChIP-Seq	0 1 2	87.98% 88.51% 82.00%	0.61095	0.58328	0.59679	85.49%
NonSpecific	0 1 2	78.86% 79.89% 70.39%	0.15709	0.14082	0.14851	75.37%
STRING	0 1 2	50.07% 60.92% 45.57%	0.06518	0.05784	0.06129	49.32%

Tabela 61: hHSC-E - Clustering Quality - GWR (genes with relationship).

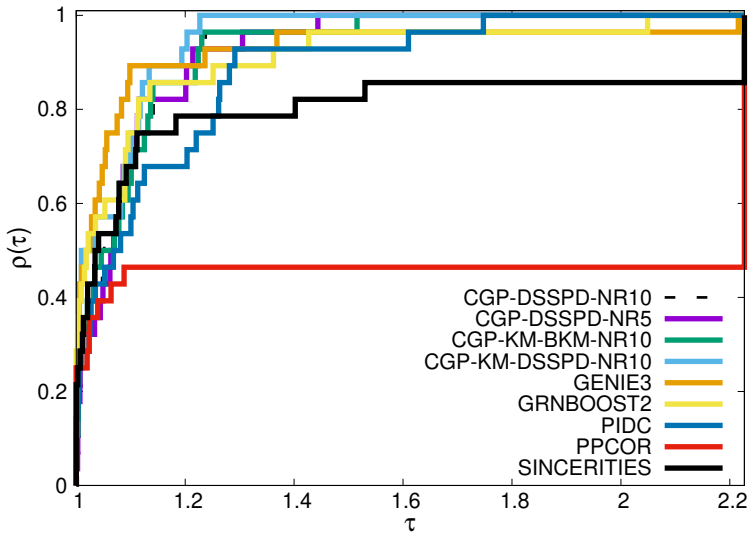
		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0	93.82%	0.87928	0.87928	0.87928	91.8%
	1	85.94%				
NonSpecific	0	37.9%	0.58920	0.60061	0.59485	33.8%
	1	21.88%				
STRING	0	25.27%	0.48771	0.48771	0.48771	22.4%
	1	21.88%				
500TF						
ChIP-Seq	0	98.53%	0.74253	0.75669	0.74954	98.15%
	1	97.37%				
NonSpecific	0	62.82%	0.29804	0.30445	0.30121	63.49%
	1	64.91%				
STRING	0	43.7%	0.15657	0.15979	0.15816	42.61%
	1	40.35%				
1000nTF						
ChIP-Seq	0	94%	0.86999	0.86999	0.86999	96.8%
	1	97.73%				
NonSpecific	0	27.2%	0.54778	0.54025	0.54399	36.1%
	1	39.07%				
STRING	0	14%	0.36155	0.34213	0.35158	24.1%
	1	27.47%				
1000TF						
ChIP-Seq	0	96.44%	0.79655	0.80487	0.80069	97.76%
	1	98.27%				
NonSpecific	0	55.49%	0.39588	0.40584	0.40080	56.48%
	1	56.86%				
STRING	0	33.53%	0.22618	0.23112	0.22863	35.47%
	1	36.22%				

Tabela 62: mHSC-GM - Clustering Quality - GWR (genes with relationship).

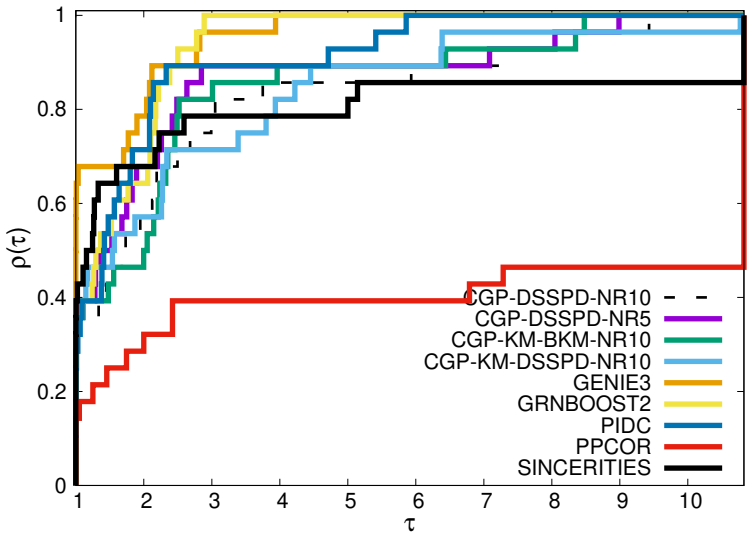
		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0 1	97.31% 93.94%	0.85589	0.85791	0.85690	96.2%
NonSpecific	0 1	25.67% 26.67%	0.56515	0.57768	0.57135	26%
STRING	0 1	18.81% 15.76%	0.37842	0.39474	0.38641	17.8%
500TF						
ChIP-Seq	0 1 2 3	98.56% 98.85% 96.83% 95.83%	0.69920	0.70998	0.70455	97.78%
NonSpecific	0 1 2 3	46.04% 43.51% 60.32% 50%	0.32111	0.32227	0.321689	47.47%
STRING	0 1 2 3	34.53% 32.82% 44.44% 26.19%	0.16635	0.16599	0.16617	32.59%
1000nTF						
ChIP-Seq	0 1 2 3	96.57% 92.41% 94.98% 93.33%	0.81860	0.81514	0.81687	95.20%
NonSpecific	0 1 2 3	37.04% 35.44% 40.54% 27.69%	0.49628	0.51159	0.50382	36.00%
STRING	0 1 2 3	31.91% 17.72% 30.50% 15.90%	0.30761	0.31222	0.30990	27.30%
1000TF						
ChIP-Seq	0 1 2	95.78% 94.88% 97.07%	0.81911	0.82135	0.82023	96.20%
NonSpecific	0 1 2	52.41% 42.13% 45.79%	0.45106	0.46399	0.45743	46.91%
STRING	0 1 2	34.04% 22.05% 34.43%	0.23261	0.24064	0.23655	31.54%

Tabela 63: mHSC-L - Clustering Quality - GWR (genes with relationship).

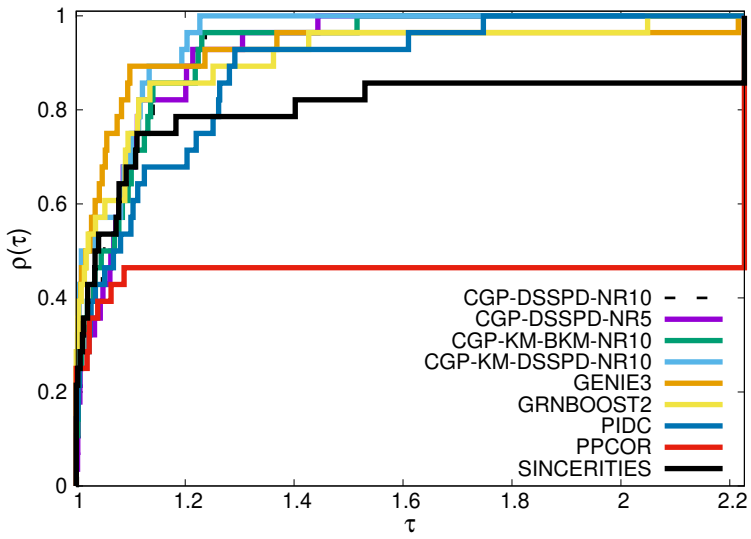
		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0	91.41%	0.76613	0.76779	0.76696	93.8%
	1	95.32%				
	2	95.42%				
NonSpecific	0	24.24%	0.36425	0.36415	0.36420	28%
	1	28.65%				
	2	32.82%				
STRING	0	14.14%	0.19828	0.19687	0.19757	12.4%
	1	5.85%				
	2	18.32%				
500TF						
ChIP-Seq	0	92.35%	0.78851	0.79213	0.79031	93.75%
	1	97.02%				
NonSpecific	0	28.32%	0.36646	0.36486	0.36566	30%
	1	33.93%				
STRING	0	10.71%	0.15373	0.15470	0.15421	13.21%
	1	19.05%				
1000nTF						
ChIP-Seq	0	91.67%	0.81206	0.81206	0.81206	92.49%
	1	94.68%				
NonSpecific	0	26.79%	0.38713	0.38538	0.38625	28.61%
	1	33.51%				
STRING	0	10.52%	0.17103	0.16780	0.16940	12.43%
	1	17.55%				
1000TF						
ChIP-Seq	0	91.67%	0.81206	0.81206	0.81206	92.49%
	1	94.68%				
NonSpecific	0	26.79%	0.38713	0.38538	0.38625	28.61%
	1	33.51%				
STRING	0	10.52%	0.17103	0.16780	0.16940	12.43%
	1	17.55%				



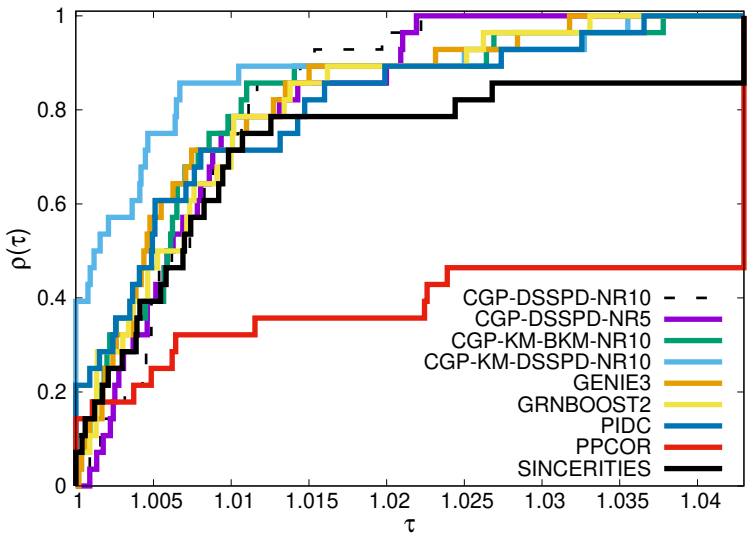
(a) Results considering MCC



(b) Results considering EP

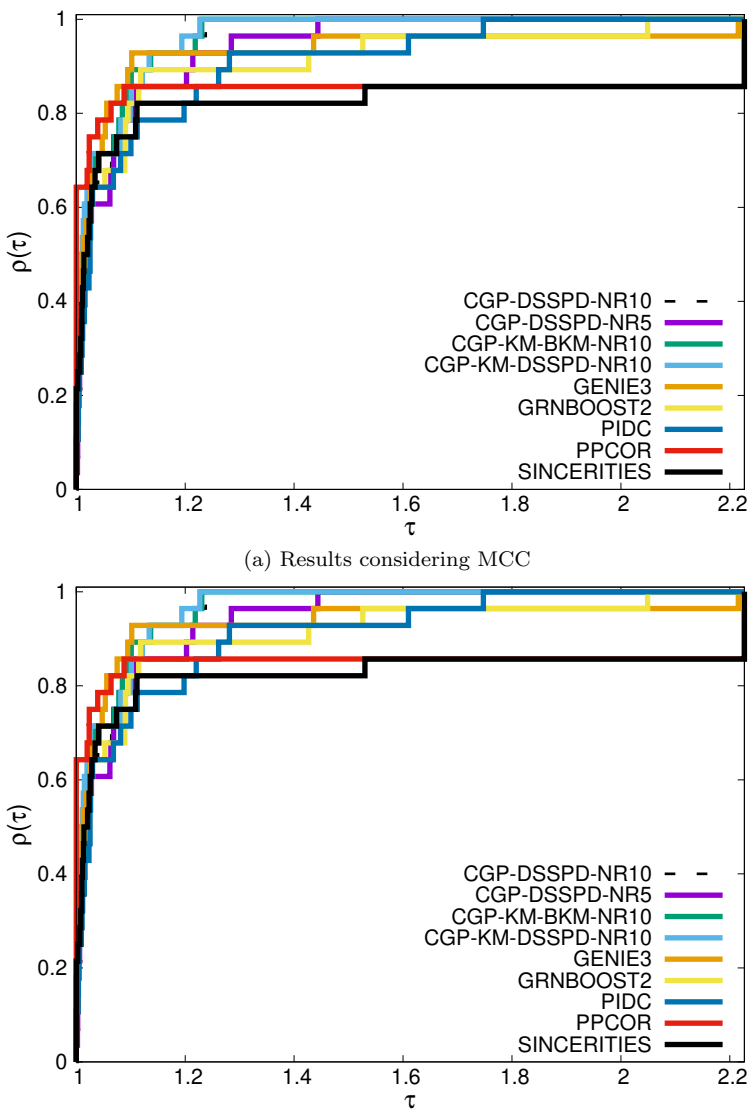


(c) Results considering AUPRC

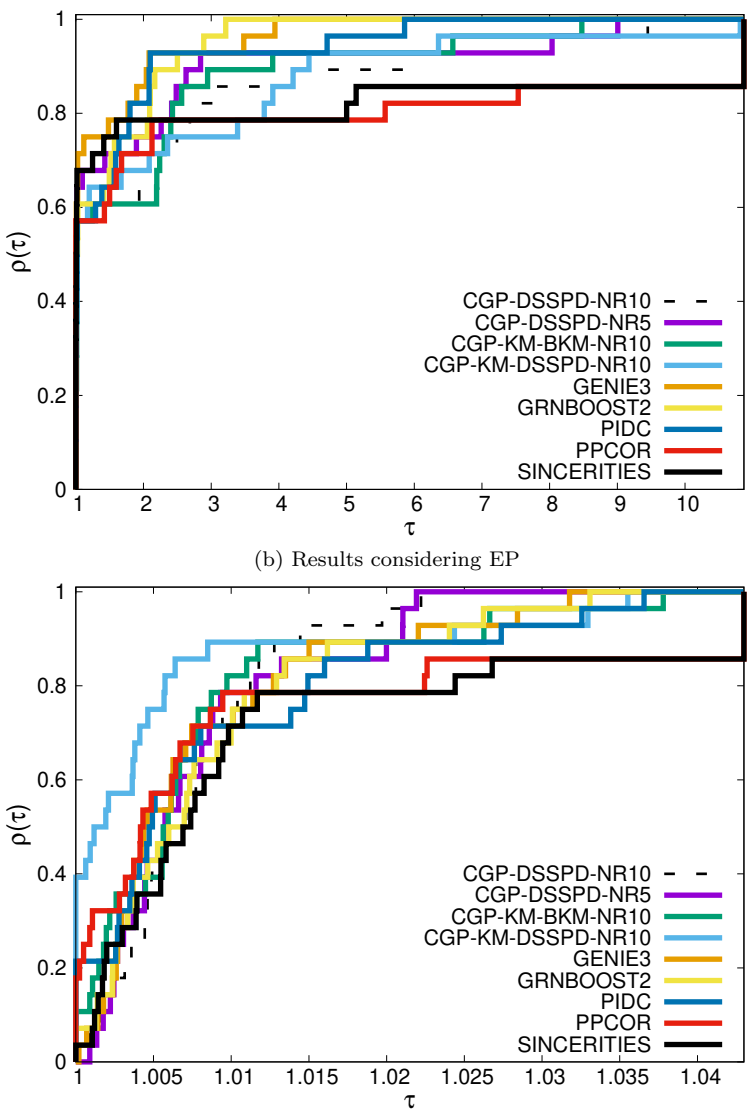


(d) Results considering AUROC

Figura 1: Results for the problems considering all scenarios without self-loop.



(a) Results considering MCC



(b) Results considering EP

(c) Results considering AUPRC

(d) Results considering AUROC

Figura 2: Results for the problems considering all scenarios without self-loop.