

Results of SVM

Algorithms	BRCA (Gene-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.877778	0.005856	0.757895	0.044383	0.685714	0.040156	0.812973	0.027349
PCA_DNA Methylation	0.876389	0.004392	0.747368	0.033287	0.676190	0.030117	0.806486	0.020512
PCA (Gene-DNA Methylation)	0.881944	0.021960	0.752632	0.049931	0.685714	0.060234	0.811892	0.037605
CCA	0.905714	0.042402	0.852632	0.195045	0.785714	0.162262	0.867194	0.113472
RCCA	0.926831	0.039083	0.868421	0.177618	0.814286	0.131756	0.885453	0.094030
SRCCA_TT	0.927994	0.030404	0.731579	0.127601	0.704762	0.104810	0.812500	0.076282
SRCCA_WL	0.933602	0.040726	0.878947	0.119118	0.833333	0.112799	0.901693	0.071398
SRCCA_WR	0.926905	0.044189	0.910526	0.124178	0.852381	0.108704	0.914100	0.069811
SRCCA_MI	0.935928	0.039731	0.905263	0.098621	0.857143	0.092555	0.917624	0.057518
SRCCA_RH	0.903709	0.009573	0.931579	0.096252	0.847619	0.073771	0.914658	0.049526
CuRSaR	0.913723	0.047024	0.936842	0.164202	0.866667	0.159995	0.919487	0.114662

Algorithms	BRCA (Gene-Protein)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.877778	0.005856	0.757895	0.044383	0.685714	0.040156	0.812973	0.027349
PCA_Protein	0.881944	0.021960	0.752632	0.049931	0.685714	0.060234	0.811892	0.037605
PCA (Gene-Protein)	0.881250	0.019764	0.742105	0.016644	0.676190	0.030117	0.805714	0.018070
CCA	0.919279	0.053594	0.642105	0.085228	0.623810	0.082326	0.752934	0.063423
RCCA	0.919572	0.029265	0.800000	0.213142	0.752381	0.164651	0.840054	0.119284
SRCCA_TT	0.967784	0.043600	0.921053	0.108857	0.900000	0.106361	0.940524	0.070368
SRCCA_WL	0.921805	0.033161	0.973684	0.037216	0.900000	0.035136	0.946245	0.019592
SRCCA_WR	0.927729	0.035592	0.936842	0.073601	0.876190	0.075125	0.930903	0.044582
SRCCA_MI	0.929734	0.041872	0.963158	0.078654	0.900000	0.085331	0.944658	0.050170
SRCCA_RH	0.918686	0.035395	0.942105	0.076270	0.871429	0.074620	0.928746	0.044525
CuRSaR	0.945084	0.034880	0.968421	0.036800	0.919048	0.039203	0.955836	0.021775

Results of SVM

Algorithms	BRCA (Protein-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Protein	0.881944	0.021960	0.752632	0.049931	0.685714	0.060234	0.811892	0.037605
PCA_DNA Methylation	0.876389	0.004392	0.747368	0.033287	0.676190	0.030117	0.806486	0.020512
PCA (Protein-DNA Methylation)	0.880754	0.010222	0.784211	0.087544	0.709524	0.079206	0.827973	0.050651
CCA	0.886791	0.005142	0.826316	0.043330	0.747619	0.039203	0.855073	0.025380
RCCA	0.892339	0.003961	0.873684	0.036800	0.790476	0.033296	0.882635	0.020549
SRCCA_TT	0.917544	0.032236	0.978947	0.036800	0.900000	0.035136	0.946508	0.019626
SRCCA_WL	0.901201	0.029756	0.884211	0.158478	0.809524	0.140187	0.886568	0.097932
SRCCA_WR	0.937337	0.048603	0.894737	0.164576	0.852381	0.162573	0.908667	0.115023
SRCCA_MI	0.925496	0.033852	0.963158	0.055755	0.895238	0.054062	0.942839	0.031118
SRCCA_RH	0.954365	0.050652	0.957895	0.048365	0.919048	0.074620	0.955430	0.041606
CuRSaR	0.974211	0.043716	0.947368	0.042974	0.928571	0.064476	0.960002	0.035594

Algorithms	OV (Gene-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.827915	0.026844	0.809091	0.204055	0.700000	0.157158	0.808460	0.116881
PCA_DNA Methylation	0.834361	0.034354	0.754545	0.221048	0.666667	0.161265	0.777771	0.128819
PCA (Gene-DNA Methylation)	0.830768	0.024537	0.739394	0.235681	0.653846	0.170619	0.765392	0.139100
CCA	0.769192	0.014937	0.609091	0.054302	0.515385	0.045948	0.679139	0.038996
RCCA	0.839146	0.039550	0.748485	0.224983	0.666667	0.163960	0.775962	0.130273
SRCCA_TT	0.838741	0.016204	0.930303	0.166621	0.792308	0.125876	0.875529	0.100376
SRCCA_WL	0.871139	0.046603	0.890909	0.225051	0.787179	0.146076	0.860160	0.131228
SRCCA_WR	0.850693	0.029233	0.924242	0.131119	0.797436	0.091617	0.880995	0.068573
SRCCA_MI	0.846314	0.030094	0.921212	0.159839	0.794872	0.131857	0.877046	0.095462
SRCCA_RH	0.846154	0.018131	0.933333	0.141270	0.800000	0.100259	0.882486	0.073810
CuRSaR	0.856280	0.015560	0.990909	0.028748	0.851282	0.026482	0.918437	0.015511

Results of SVM

Algorithms	OV (Gene-Protein)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.827915	0.026844	0.809091	0.204055	0.700000	0.157158	0.808460	0.116881
PCA_Protein	0.814437	0.037761	0.796970	0.219473	0.682051	0.178139	0.795386	0.132979
PCA (Gene-Protein)	0.823379	0.027464	0.781818	0.192079	0.676923	0.149120	0.793207	0.109827
CCA	0.863685	0.024480	0.787879	0.051505	0.715385	0.050492	0.823437	0.035102
RCCA	0.845282	0.023439	0.915152	0.072559	0.787179	0.068429	0.877994	0.044900
SRCCA_TT	0.865548	0.023348	0.933333	0.023903	0.820513	0.034188	0.897980	0.019315
SRCCA_WL	0.873063	0.038923	0.927273	0.015648	0.823077	0.045948	0.899035	0.024790
SRCCA_WR	0.852720	0.025981	0.942424	0.046178	0.812821	0.041959	0.894672	0.024966
SRCCA_MI	0.859386	0.026780	0.960606	0.037929	0.833333	0.047202	0.906890	0.026870
SRCCA_RH	0.845344	0.001707	0.993939	0.012777	0.841026	0.010811	0.913615	0.006433
CuRSaR	0.858234	0.019601	0.987879	0.015648	0.851282	0.026482	0.918377	0.014219

Algorithms	OV (Protein-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Protein	0.814437	0.037761	0.796970	0.219473	0.682051	0.178139	0.795386	0.132979
PCA_DNA Methylation	0.834361	0.034354	0.754545	0.221048	0.666667	0.161265	0.777771	0.128819
PCA (Protein-DNA Methylation)	0.832650	0.054048	0.651515	0.061025	0.594872	0.079996	0.730561	0.057004
CCA	0.842116	0.039270	0.787879	0.037795	0.694872	0.054661	0.813724	0.033526
RCCA	0.839619	0.013422	0.906061	0.063000	0.774359	0.052409	0.870792	0.034335
SRCCA_TT	0.846332	0.010679	0.951515	0.053830	0.812821	0.041959	0.895236	0.026597
SRCCA_WL	0.873655	0.036368	0.933333	0.042376	0.828205	0.051353	0.901851	0.029458
SRCCA_WR	0.877291	0.035949	0.927273	0.049895	0.828205	0.061693	0.901083	0.036584
SRCCA_MI	0.850110	0.010175	0.978788	0.032102	0.835897	0.024772	0.909669	0.015160
SRCCA_RH	0.851284	0.015873	0.969697	0.037795	0.830769	0.032434	0.906279	0.019433
CuRSaR	0.869575	0.052907	0.984848	0.032731	0.858974	0.054393	0.922515	0.029699

Results of SVM

Algorithms	BRCA (Gene-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	1.62E-02	3.30E-03	2.36E-03	7.06E-03	1.76E-02	1.83E-02	2.80E-02	3.61E-02
PCA_DNA Methylation	1.74E-02	2.56E-03	2.25E-03	6.17E-03	1.80E-02	1.50E-02	1.80E-02	3.67E-02
PCA (Gene-DNA Methylation)	4.58E-02	3.21E-03	3.68E-03	8.78E-03	6.89E-02	1.50E-02	1.80E-02	3.67E-02
CCA	3.66E-01	1.93E-01	1.79E-01	1.98E-01	4.72E-01	2.49E-01	1.31E-01	1.63E-01
RCCA	7.64E-01	2.28E-01	2.50E-01	2.69E-01	8.19E-01	2.49E-01	1.63E-01	1.63E-01
SRCCA_TT	8.54E-01	7.10E-03	1.37E-02	2.01E-02	8.13E-01	1.39E-02	2.95E-02	2.96E-02
SRCCA_WL	8.84E-01	2.31E-01	3.18E-01	3.58E-01	8.93E-01	1.06E-01	2.20E-01	1.57E-01
SRCCA_WR	8.70E-01	3.62E-01	4.14E-01	4.54E-01	8.53E-01	1.97E-01	2.64E-01	2.23E-01
SRCCA_MI	9.32E-01	3.18E-01	4.38E-01	4.83E-01	9.36E-01	1.30E-01	1.76E-01	1.31E-01
SRCCA_RH	2.75E-01	4.70E-01	3.84E-01	4.57E-01	2.51E-01	1.83E-01	1.18E-01	1.63E-01

Algorithms	BRCA (Gene-Protein)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	5.62E-05	3.85E-07	1.33E-08	1.91E-08	2.46E-03	2.32E-03	2.05E-03	2.46E-03
PCA_DNA Methylation	3.92E-04	1.89E-07	3.74E-07	3.41E-07	2.40E-03	2.25E-03	2.06E-03	2.42E-03
PCA (Gene-DNA Methylation)	9.44E-04	4.26E-09	6.90E-08	3.13E-08	6.09E-03	2.12E-03	2.24E-03	2.46E-03
CCA	1.61E-01	6.94E-07	5.58E-06	6.39E-06	2.54E-01	2.49E-03	2.47E-03	2.52E-03
RCCA	8.78E-02	2.23E-02	5.79E-03	7.09E-03	5.41E-02	4.61E-02	8.58E-03	1.41E-02
SRCCA_TT	9.56E-01	6.06E-02	2.73E-01	2.30E-01	9.44E-01	5.59E-02	4.44E-01	2.00E-01
SRCCA_WL	8.82E-03	6.61E-01	8.39E-02	1.08E-01	2.29E-02	7.10E-01	5.12E-02	1.99E-01
SRCCA_WR	3.15E-02	1.39E-01	6.71E-02	7.14E-02	2.32E-02	1.16E-01	5.12E-02	1.18E-01
SRCCA_MI	1.69E-01	4.36E-01	2.40E-01	2.44E-01	2.38E-01	5.68E-01	2.48E-01	4.06E-01
SRCCA_RH	6.35E-02	1.99E-01	3.69E-02	4.37E-02	4.79E-02	2.79E-01	3.58E-02	7.67E-02

Results of SVM

Algorithms	BRCA (Protein-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	5.37E-05	3.05E-07	7.30E-07	5.06E-07	2.06E-03	2.32E-03	2.43E-03	2.49E-03
PCA_DNA Methylation	2.57E-05	2.16E-06	1.02E-06	7.45E-07	2.06E-03	2.32E-03	2.45E-03	2.46E-03
PCA (Gene-DNA Methylation)	8.90E-05	1.53E-04	6.22E-05	6.01E-05	2.06E-03	3.24E-03	3.68E-03	3.40E-03
CCA	6.77E-05	1.28E-04	2.01E-05	2.06E-05	2.38E-03	3.56E-03	2.50E-03	2.52E-03
RCCA	1.31E-04	3.36E-03	2.46E-04	2.84E-04	3.56E-03	8.47E-03	3.71E-03	3.74E-03
SRCCA_TT	1.78E-03	9.16E-01	9.67E-02	1.35E-01	9.34E-03	9.49E-01	6.08E-02	1.66E-01
SRCCA_WL	1.56E-03	1.53E-01	3.38E-02	4.20E-02	6.14E-03	2.87E-01	2.19E-02	4.63E-02
SRCCA_WR	4.72E-02	1.97E-01	1.10E-01	1.16E-01	6.08E-02	3.36E-01	1.42E-01	1.42E-01
SRCCA_MI	4.64E-03	7.29E-01	1.13E-01	1.35E-01	1.02E-02	6.85E-01	9.93E-02	2.54E-01
SRCCA_RH	1.19E-01	6.79E-01	3.85E-01	4.01E-01	1.73E-01	7.39E-01	6.22E-01	7.13E-01

Algorithms	OV (Gene-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	9.97E-03	1.28E-02	9.85E-03	1.02E-02	1.39E-02	2.26E-02	2.11E-02	2.13E-02
PCA_DNA Methylation	5.17E-02	3.85E-03	2.91E-03	3.84E-03	4.63E-02	1.36E-02	5.76E-03	5.81E-03
PCA (Gene-DNA Methylation)	8.17E-03	3.97E-03	3.16E-03	4.00E-03	8.98E-03	1.36E-02	8.98E-03	8.98E-03
CCA	1.08E-06	2.23E-09	7.22E-09	1.42E-08	2.45E-03	2.03E-03	2.45E-03	2.45E-03
RCCA	1.23E-01	3.48E-03	2.65E-03	3.15E-03	1.31E-01	1.34E-02	5.71E-03	5.81E-03
SRCCA_TT	7.27E-03	1.49E-01	8.68E-02	1.06E-01	1.36E-02	1.43E-01	5.74E-02	8.59E-02
SRCCA_WL	8.12E-01	1.02E-01	9.52E-02	9.54E-02	6.57E-01	1.43E-01	1.68E-01	1.73E-01
SRCCA_WR	3.13E-01	6.43E-02	5.66E-02	6.29E-02	1.72E-01	3.39E-02	2.11E-02	1.36E-02
SRCCA_MI	1.64E-01	1.10E-01	1.04E-01	1.02E-01	1.47E-01	1.37E-01	2.00E-01	2.20E-01
SRCCA_RH	8.83E-02	9.20E-02	5.33E-02	6.24E-02	1.11E-01	8.99E-02	2.11E-02	2.11E-02

Results of SVM

Algorithms	OV (Gene-Protein)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	8.00E-03	1.09E-02	7.42E-03	8.00E-03	1.77E-02	3.10E-02	1.37E-02	1.79E-02
PCA_DNA Methylation	5.70E-03	1.02E-02	7.02E-03	7.97E-03	8.98E-03	2.29E-02	1.39E-02	1.40E-02
PCA (Gene-DNA Methylation)	3.09E-03	4.22E-03	2.59E-03	2.91E-03	1.04E-02	1.76E-02	8.58E-03	1.04E-02
CCA	6.88E-01	6.15E-07	3.80E-05	2.33E-05	8.07E-01	2.49E-03	2.49E-03	2.53E-03
RCCA	1.30E-01	3.83E-03	9.95E-03	9.94E-03	1.57E-01	3.68E-03	1.02E-02	7.53E-03
SRCCA_TT	8.82E-01	1.87E-04	1.19E-02	6.44E-03	9.30E-01	3.61E-03	1.36E-02	6.23E-03
SRCCA_WL	9.10E-01	1.48E-07	1.59E-02	4.93E-03	8.79E-01	1.49E-03	2.53E-02	8.30E-03
SRCCA_WR	2.80E-01	9.16E-03	3.09E-02	2.54E-02	2.42E-01	8.24E-03	2.32E-02	1.79E-02
SRCCA_MI	5.63E-01	1.47E-02	8.63E-02	6.56E-02	4.30E-01	1.56E-02	1.01E-01	5.49E-02
SRCCA_RH	3.04E-02	8.28E-01	1.11E-01	1.46E-01	2.85E-02	8.41E-01	9.68E-02	1.99E-01

Algorithms	OV (Protein-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	1.35E-02	1.04E-02	5.77E-03	6.61E-03	1.39E-02	2.16E-02	1.36E-02	1.39E-02
PCA_DNA Methylation	4.60E-02	5.83E-03	5.25E-03	5.34E-03	1.40E-02	1.40E-02	1.40E-02	1.40E-02
PCA (Gene-DNA Methylation)	7.66E-02	1.89E-07	4.61E-06	2.22E-06	8.65E-02	2.52E-03	2.50E-03	2.53E-03
CCA	1.35E-01	2.90E-08	6.91E-05	2.36E-05	1.42E-01	2.40E-03	2.47E-03	2.52E-03
RCCA	4.30E-02	3.50E-03	1.06E-03	1.09E-03	2.53E-02	3.58E-03	5.66E-03	3.84E-03
SRCCA_TT	8.84E-02	8.10E-02	2.55E-02	2.52E-02	1.63E-01	8.59E-02	3.03E-02	2.48E-02
SRCCA_WL	5.81E-01	8.25E-03	1.39E-01	1.04E-01	5.71E-01	1.36E-02	2.00E-01	1.07E-01
SRCCA_WR	6.39E-01	6.88E-03	1.35E-01	9.24E-02	6.61E-01	8.32E-03	1.14E-01	6.92E-02
SRCCA_MI	1.33E-01	3.39E-01	1.31E-01	1.33E-01	3.37E-01	2.89E-01	9.87E-02	7.00E-02
SRCCA_RH	1.82E-01	1.61E-01	1.17E-01	1.08E-01	3.00E-01	1.35E-01	1.11E-01	8.65E-02

Results of NNA

Algorithms	BRCA (Gene-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.938250	0.040060	0.863158	0.096730	0.823810	0.089932	0.896375	0.058214
PCA_DNA Methylation	0.894772	0.017382	0.852632	0.104677	0.776190	0.089932	0.870441	0.057333
PCA (Gene-DNA Methylation)	0.945359	0.043561	0.842105	0.099243	0.809524	0.074451	0.886223	0.052737
CCA	0.913022	0.027196	0.826316	0.119118	0.771429	0.104810	0.863473	0.069560
RCCA	0.905897	0.023157	0.915789	0.096730	0.838095	0.087518	0.908659	0.056315
SRCCA_TT	0.940347	0.045083	0.942105	0.057921	0.890476	0.045175	0.939279	0.025870
SRCCA_WL	0.955213	0.049195	0.942105	0.063012	0.904762	0.063492	0.946637	0.036823
SRCCA_WR	0.959102	0.047093	0.947368	0.055479	0.914286	0.070273	0.952153	0.039604
SRCCA_MI	0.955054	0.049582	0.942105	0.067720	0.904762	0.067344	0.946541	0.038690
SRCCA_RH	0.955054	0.049582	0.931579	0.055755	0.895238	0.049181	0.941298	0.028184
CuRSaR	0.964131	0.041689	0.952632	0.046084	0.923810	0.060234	0.957577	0.033554

Algorithms	BRCA (Gene-Protein)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.938250	0.040060	0.863158	0.096730	0.823810	0.089932	0.896375	0.058214
PCA_Protein	0.963889	0.052050	0.826316	0.136007	0.814286	0.137373	0.884599	0.088070
PCA (Gene-Protein)	0.942938	0.044126	0.800000	0.104677	0.771429	0.073771	0.860676	0.050960
CCA	0.921983	0.051228	0.889474	0.147723	0.833333	0.144174	0.900350	0.098939
RCCA	0.908496	0.020259	0.936842	0.048365	0.857143	0.044896	0.921820	0.026317
SRCCA_TT	0.949607	0.046766	0.942105	0.046084	0.900000	0.052405	0.944596	0.028962
SRCCA_WL	0.934637	0.041295	0.947368	0.055479	0.890476	0.055214	0.939590	0.031173
SRCCA_WR	0.949871	0.046759	0.947368	0.049622	0.904762	0.054986	0.947295	0.030468
SRCCA_MI	0.930659	0.050217	0.884211	0.139912	0.838095	0.144086	0.902830	0.098908
SRCCA_RH	0.941060	0.046204	0.889474	0.057921	0.847619	0.062693	0.913084	0.036770
CuRSaR	0.953868	0.044090	0.947368	0.042974	0.909524	0.061271	0.949889	0.033858

Results of NNA

Algorithms	BRCA (Protein-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Protein	0.963889	0.052050	0.826316	0.136007	0.814286	0.137373	0.884599	0.088070
PCA_DNA Methylation	0.894772	0.017382	0.852632	0.104677	0.776190	0.089932	0.870441	0.057333
PCA (Protein-DNA Methylation)	0.923563	0.045158	0.863158	0.090142	0.809524	0.080937	0.889551	0.050057
CCA	0.915691	0.051077	0.873684	0.126996	0.814286	0.131756	0.890804	0.087358
RCCA	0.912848	0.033891	0.926316	0.061778	0.852381	0.061271	0.918390	0.036003
SRCCA_TT	0.963392	0.034585	0.936842	0.033287	0.909524	0.041695	0.949333	0.023103
SRCCA_WL	0.947014	0.049708	0.894737	0.085947	0.857143	0.080937	0.917510	0.050039
SRCCA_WR	0.953759	0.050850	0.942105	0.052338	0.904762	0.074451	0.947041	0.041888
SRCCA_MI	0.954281	0.043523	0.947368	0.060774	0.909524	0.065253	0.949424	0.037189
SRCCA_RH	0.960426	0.051164	0.957895	0.041516	0.923810	0.060234	0.958118	0.032887
CuRSaR	1.000000	0.000000	0.942105	0.046084	0.947619	0.041695	0.969657	0.024964

Algorithms	OV (Gene-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.873864	0.053359	0.830303	0.106133	0.753846	0.101274	0.848403	0.066739
PCA_DNA Methylation	0.855501	0.033055	0.872727	0.090120	0.766667	0.072976	0.861755	0.048232
PCA (Gene-DNA Methylation)	0.874883	0.057215	0.836364	0.081060	0.758974	0.089805	0.853425	0.056873
CCA	0.838061	0.029317	0.836364	0.065773	0.725641	0.071560	0.836694	0.046084
RCCA	0.868761	0.049927	0.884848	0.145539	0.782051	0.083086	0.867081	0.068967
SRCCA_TT	0.862890	0.048874	0.915152	0.147627	0.797436	0.082380	0.878312	0.069763
SRCCA_WL	0.886128	0.067037	0.866667	0.081060	0.789744	0.091097	0.873979	0.056436
SRCCA_WR	0.870522	0.048985	0.848485	0.083295	0.761538	0.056759	0.856286	0.037255
SRCCA_MI	0.876863	0.071816	0.857576	0.112525	0.774359	0.105928	0.863125	0.070625
SRCCA_RH	0.863776	0.049436	0.887879	0.171450	0.779487	0.104119	0.863725	0.086168
CuRSaR	0.882135	0.066959	0.942424	0.061359	0.838462	0.055457	0.908272	0.031468

Results of NNA

Algorithms	OV (Gene-Protein)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Gene	0.873864	0.053359	0.830303	0.106133	0.753846	0.101274	0.848403	0.066739
PCA_Protein	0.886371	0.066781	0.857576	0.092632	0.782051	0.085683	0.868051	0.055290
PCA (Gene-Protein)	0.823379	0.027464	0.781818	0.192079	0.676923	0.149120	0.793207	0.109827
CCA	0.832563	0.014647	0.845455	0.059673	0.725641	0.049910	0.838164	0.035418
RCCA	0.845044	0.020093	0.945455	0.077981	0.807692	0.067570	0.891351	0.043883
SRCCA_TT	0.902323	0.065308	0.918182	0.051604	0.841026	0.049543	0.907589	0.027493
SRCCA_WL	0.899835	0.067725	0.878788	0.045173	0.810256	0.065316	0.887372	0.037076
SRCCA_WR	0.879662	0.061522	0.887879	0.068583	0.797436	0.059768	0.880799	0.035917
SRCCA_MI	0.899659	0.066575	0.900000	0.042974	0.825641	0.058968	0.897886	0.032762
SRCCA_RH	0.896882	0.069414	0.906061	0.048337	0.828205	0.074560	0.899827	0.042739
CuRSaR	0.927681	0.061135	0.903030	0.051108	0.853846	0.049910	0.912948	0.028749

Algorithms	OV (Protein-DNA Methylation)							
	precision		recall		accuracy		f1_score	
	mean	sd	mean	sd	mean	sd	mean	sd
PCA_Protein	0.886371	0.066781	0.857576	0.092632	0.782051	0.085683	0.868051	0.055290
PCA_DNA Methylation	0.855501	0.033055	0.872727	0.090120	0.766667	0.072976	0.861755	0.048232
PCA (Protein-DNA Methylation)	0.859270	0.037204	0.760606	0.074843	0.692308	0.075485	0.805719	0.051850
CCA	0.849344	0.019372	0.887879	0.063964	0.771795	0.053308	0.867218	0.035212
RCCA	0.863304	0.025163	0.881818	0.101464	0.782051	0.083086	0.870083	0.056013
SRCCA_TT	0.889912	0.065336	0.833333	0.290041	0.758974	0.216292	0.813962	0.269150
SRCCA_WL	0.901830	0.060449	0.878788	0.028570	0.812821	0.051353	0.888822	0.028168
SRCCA_WR	0.895873	0.060786	0.893939	0.049997	0.817949	0.051919	0.892835	0.030058
SRCCA_MI	0.868630	0.050678	0.909091	0.071425	0.805128	0.076638	0.886913	0.047569
SRCCA_RH	0.871382	0.052647	0.818182	0.288189	0.730769	0.204504	0.796963	0.262885
CuRSaR	0.909901	0.069114	0.881818	0.073467	0.820513	0.065092	0.892284	0.040470

Results of NNA

Algorithms	BRCA (Gene-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	3.94E-02	2.08E-02	1.45E-02	1.50E-02	2.50E-02	2.04E-02	1.41E-02	1.42E-02
PCA_DNA Methylation	6.51E-04	1.76E-02	1.81E-03	2.27E-03	3.46E-03	1.87E-02	5.36E-03	8.30E-03
PCA (Gene-DNA Methylation)	1.17E-01	6.21E-03	3.38E-03	4.07E-03	8.05E-02	6.31E-03	5.14E-03	6.26E-03
CCA	6.03E-03	4.31E-03	6.48E-04	9.19E-04	8.30E-03	6.84E-03	3.82E-03	3.46E-03
RCCA	3.01E-03	1.21E-01	8.16E-03	1.22E-02	5.43E-03	1.17E-01	8.78E-03	1.04E-02
SRCCA_TT	4.86E-02	3.39E-01	4.43E-02	5.49E-02	3.15E-02	2.61E-01	4.42E-02	4.63E-02
SRCCA_WL	1.75E-01	3.10E-01	1.55E-01	1.69E-01	1.39E-01	2.28E-01	1.43E-01	3.37E-01
SRCCA_WR	2.91E-01	3.63E-01	2.78E-01	2.78E-01	2.33E-01	3.56E-01	2.90E-01	2.50E-01
SRCCA_MI	1.81E-01	2.96E-01	1.55E-01	1.57E-01	1.39E-01	3.35E-01	1.38E-01	1.36E-01
SRCCA_RH	1.81E-01	1.55E-01	7.02E-02	7.26E-02	1.39E-01	1.97E-01	7.36E-02	6.14E-02

Algorithms	BRCA (Gene-Protein)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	1.96E-01	8.06E-03	1.19E-02	1.09E-02	1.81E-01	8.78E-03	8.78E-03	5.86E-03
PCA_DNA Methylation	7.45E-01	5.91E-03	1.84E-02	1.52E-02	7.50E-01	1.18E-02	3.03E-02	3.15E-02
PCA (Gene-DNA Methylation)	3.16E-01	3.42E-04	2.46E-04	1.58E-04	2.22E-01	4.56E-03	3.26E-03	3.46E-03
CCA	5.87E-02	1.56E-01	1.03E-01	1.08E-01	5.79E-02	2.64E-01	1.03E-01	1.31E-01
RCCA	2.01E-02	3.21E-01	4.66E-02	5.21E-02	2.30E-02	3.66E-01	4.04E-02	5.67E-02
SRCCA_TT	2.26E-01	3.63E-01	2.78E-01	2.83E-01	5.00E-01	4.27E-01	2.31E-01	2.33E-01
SRCCA_WL	7.21E-02	5.00E-01	2.67E-01	2.78E-01	2.50E-01	5.84E-01	3.06E-01	3.90E-01
SRCCA_WR	1.75E-01	5.00E-01	3.79E-01	3.89E-01	2.08E-01	5.84E-01	4.57E-01	3.37E-01
SRCCA_MI	1.01E-01	1.25E-01	1.10E-01	1.14E-01	7.06E-02	1.23E-01	8.78E-02	1.04E-01
SRCCA_RH	1.78E-01	2.42E-02	1.95E-02	1.84E-02	1.18E-01	1.73E-02	2.29E-02	2.50E-02

Results of NNA

Algorithms	BRCA (Protein-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	2.80E-02	1.49E-02	7.29E-03	7.52E-03	3.17E-02	4.02E-02	1.37E-02	1.80E-02
PCA_DNA Methylation	6.68E-09	5.81E-03	2.50E-05	5.81E-05	2.49E-03	1.21E-02	2.46E-03	2.52E-03
PCA (Gene-DNA Methylation)	2.30E-04	5.94E-03	2.46E-04	2.94E-04	5.76E-03	1.73E-02	3.68E-03	3.82E-03
CCA	2.75E-04	7.01E-02	5.97E-03	1.04E-02	5.81E-03	5.74E-02	5.66E-03	5.40E-03
RCCA	9.71E-06	3.02E-01	3.56E-03	5.90E-03	3.53E-03	2.48E-01	6.31E-03	1.04E-02
SRCCA_TT	4.28E-03	3.79E-01	2.64E-02	3.51E-02	1.18E-02	3.93E-01	1.26E-02	6.27E-02
SRCCA_WL	4.12E-03	6.06E-02	4.24E-03	5.91E-03	1.36E-02	8.66E-02	5.86E-03	7.19E-03
SRCCA_WR	9.15E-03	5.00E-01	3.38E-02	4.03E-02	2.11E-02	6.07E-01	3.54E-02	5.74E-02
SRCCA_MI	4.46E-03	6.21E-01	4.34E-02	5.07E-02	1.36E-02	8.31E-01	5.13E-02	5.47E-02
SRCCA_RH	1.85E-02	8.61E-01	1.61E-01	1.93E-01	3.28E-02	9.30E-01	1.22E-01	2.32E-01

Algorithms	OV (Gene-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	3.28E-01	5.16E-03	1.86E-02	1.36E-02	2.54E-01	5.66E-03	2.18E-02	1.42E-02
PCA_DNA Methylation	1.15E-01	3.99E-02	2.42E-02	2.26E-02	1.54E-01	4.61E-02	2.48E-02	2.63E-02
PCA (Gene-DNA Methylation)	3.61E-01	1.27E-03	1.71E-02	1.09E-02	4.76E-01	3.74E-03	2.49E-02	1.42E-02
CCA	2.24E-02	3.84E-03	1.76E-04	2.26E-04	1.83E-02	6.35E-03	3.68E-03	2.53E-03
RCCA	1.85E-01	1.04E-01	6.00E-02	6.88E-02	3.77E-01	1.04E-01	5.38E-02	4.55E-02
SRCCA_TT	1.39E-01	2.55E-01	1.18E-01	1.31E-01	2.50E-01	4.58E-01	1.03E-01	1.24E-01
SRCCA_WL	7.16E-01	2.03E-02	3.20E-02	2.76E-02	6.57E-01	3.39E-02	3.91E-02	3.98E-02
SRCCA_WR	1.80E-01	1.30E-03	6.30E-04	5.12E-04	3.68E-01	8.78E-03	5.81E-03	5.86E-03
SRCCA_MI	4.12E-01	3.66E-02	2.95E-02	2.74E-02	3.39E-01	4.83E-02	1.81E-02	1.83E-02
SRCCA_RH	1.43E-01	1.41E-01	1.12E-01	1.08E-01	3.43E-01	2.33E-01	2.32E-01	2.32E-01

Results of NNA

Algorithms	OV (Gene-Protein)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	1.90E-03	5.57E-02	3.63E-03	5.31E-03	6.26E-03	3.75E-02	9.41E-03	1.09E-02
PCA_DNA Methylation	1.33E-02	9.07E-02	2.75E-03	5.34E-03	5.86E-03	8.56E-02	6.09E-03	6.26E-03
PCA (Gene-DNA Methylation)	2.15E-03	3.05E-02	1.72E-04	4.78E-04	3.84E-03	2.11E-02	3.74E-03	3.84E-03
CCA	1.03E-03	3.05E-02	6.39E-04	1.20E-03	3.46E-03	1.40E-02	2.50E-03	2.53E-03
RCCA	1.61E-03	9.19E-01	6.39E-02	1.17E-01	5.43E-03	8.98E-01	7.03E-02	1.57E-01
SRCCA_TT	1.21E-01	9.52E-01	2.57E-01	3.08E-01	1.55E-01	8.82E-01	3.36E-01	4.30E-01
SRCCA_WL	1.23E-01	6.03E-02	5.63E-02	5.27E-02	1.31E-01	8.54E-02	3.97E-02	4.29E-02
SRCCA_WR	3.93E-02	1.22E-01	1.79E-02	1.72E-02	5.79E-02	8.41E-02	2.03E-02	2.13E-02
SRCCA_MI	1.10E-01	3.63E-01	1.10E-01	1.19E-01	1.13E-01	3.53E-01	1.53E-01	1.99E-01
SRCCA_RH	8.38E-02	6.10E-01	1.55E-01	1.82E-01	1.13E-01	4.46E-01	1.75E-01	1.99E-01

Algorithms	OV (Protein-DNA Methylation)							
	Paired t-test (P-value)				Wilcoxon signed-rank test (P-value)			
	precision	recall	accuracy	f1_score	precision	recall	accuracy	f1_score
PCA_Gene	6.40E-02	2.54E-01	8.86E-02	1.07E-01	1.04E-01	4.00E-01	1.06E-01	1.07E-01
PCA_DNA Methylation	5.49E-03	3.73E-01	2.00E-02	3.60E-02	1.04E-02	3.04E-01	4.68E-02	5.49E-02
PCA (Gene-DNA Methylation)	2.16E-03	9.21E-04	1.11E-04	1.41E-04	3.84E-03	5.26E-03	2.49E-03	2.53E-03
CCA	1.07E-02	5.62E-01	4.87E-02	9.38E-02	1.83E-02	6.40E-01	5.08E-02	8.44E-02
RCCA	2.23E-02	5.00E-01	4.79E-02	7.48E-02	1.39E-02	5.00E-01	6.38E-02	6.41E-02
SRCCA_TT	7.63E-02	3.11E-01	2.23E-01	2.04E-01	8.07E-02	6.01E-01	4.76E-01	5.20E-01
SRCCA_WL	2.48E-01	4.43E-01	2.80E-01	3.54E-01	2.50E-01	3.88E-01	2.53E-01	2.38E-01
SRCCA_WR	1.09E-01	6.45E-01	4.60E-01	5.13E-01	1.55E-01	5.68E-01	3.63E-01	3.90E-01
SRCCA_MI	2.07E-02	8.49E-01	1.97E-01	3.16E-01	5.86E-03	8.59E-01	2.87E-01	3.39E-01
SRCCA_RH	2.05E-02	2.54E-01	1.33E-01	1.56E-01	2.53E-02	4.06E-01	1.20E-01	1.42E-01