

1 Accuracy

1.1 5% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.784	0.755	0.769	0.783	0.728	0.761	0.757	0.746
balance	0.736	0.712	0.753	0.692	0.684	0.705	0.718	0.667
banana	0.862	0.84	0.857	0.864	0.834	0.829	0.865	0.84
bands	0.564	0.575	0.549	0.554	0.546	0.566	0.573	0.582
breast	0.631	0.656	0.659	0.628	0.635	0.676	0.648	0.646
bupa	0.51	0.521	0.517	0.486	0.506	0.511	0.512	0.5
car	0.811	0.78	0.779	0.797	0.723	0.77	0.784	0.756
chess	0.932	0.888	0.905	0.927	0.884	0.872	0.933	0.886
cleveland	0.422	0.496	0.5	0.432	0.489	0.525	0.484	0.487
contraceptive	0.445	0.447	0.442	0.43	0.433	0.455	0.441	0.438
crx	0.758	0.773	0.787	0.733	0.771	0.774	0.754	0.797
dermatology	0.831	0.811	0.782	0.817	0.767	0.731	0.849	0.846
flare-solar	0.692	0.695	0.702	0.686	0.693	0.676	0.692	0.692
german	0.68	0.704	0.698	0.676	0.697	0.702	0.677	0.694
haberman	0.662	0.666	0.656	0.649	0.656	0.708	0.627	0.648
hayes-roth	0.474	0.488	0.419	0.446	0.467	0.405	0.456	0.503
heart	0.724	0.716	0.733	0.67	0.633	0.713	0.714	0.706
housevotes	0.892	0.87	0.825	0.836	0.816	0.82	0.897	0.902
ionosphere	0.76	0.709	0.746	0.75	0.69	0.68	0.758	0.685
iris	0.851	0.859	0.713	0.889	0.784	0.735	0.823	0.877
led7digit	0.58	0.596	0.545	0.579	0.538	0.482	0.577	0.582
lymphography	0.615	0.65	0.635	0.65	0.577	0.55	0.661	0.693
mammographic	0.719	0.753	0.741	0.713	0.761	0.782	0.783	0.776
marketing	0.28	0.286	0.295	0.275	0.288	0.296	0.284	0.292
monks	0.79	0.818	0.748	0.822	0.8	0.725	0.705	0.717
movement_libras	0.379	0.324	0.344	0.378	0.319	0.311	0.377	0.323
mushroom	0.983	0.983	0.982	0.982	0.982	0.973	0.987	0.984
newthyroid	0.845	0.825	0.811	0.832	0.799	0.816	0.879	0.85
nursery	0.907	0.894	0.899	0.898	0.878	0.886	0.903	0.889
pageblocks	0.948	0.944	0.95	0.945	0.935	0.941	0.947	0.945
penbased	0.946	0.927	0.936	0.945	0.906	0.922	0.945	0.933
phoneme	0.802	0.794	0.798	0.785	0.775	0.797	0.795	0.793
pima	0.695	0.694	0.693	0.679	0.688	0.701	0.686	0.683
ring	0.918	0.914	0.931	0.898	0.827	0.89	0.924	0.897
saheart	0.642	0.646	0.653	0.639	0.638	0.654	0.661	0.669
satimage	0.854	0.843	0.854	0.848	0.83	0.844	0.852	0.842
segment	0.891	0.859	0.866	0.883	0.836	0.831	0.898	0.864
sonar	0.636	0.617	0.604	0.611	0.514	0.602	0.604	0.555
spambase	0.894	0.903	0.909	0.877	0.898	0.904	0.89	0.906
spectfheart	0.733	0.747	0.752	0.753	0.772	0.727	0.761	0.744
splice	0.849	0.786	0.827	0.833	0.526	0.807	0.842	0.683
tae	0.331	0.361	0.342	0.335	0.326	0.339	0.367	0.379
texture	0.933	0.842	0.914	0.925	0.793	0.842	0.926	0.844
thyroid	0.977	0.96	0.958	0.974	0.946	0.955	0.973	0.961
tic-tac-toe	0.657	0.663	0.668	0.63	0.659	0.659	0.634	0.646
titanic	0.765	0.764	0.768	0.763	0.759	0.762	0.753	0.76
twonorm	0.965	0.95	0.971	0.973	0.928	0.941	0.973	0.957
vehicle	0.598	0.524	0.556	0.533	0.443	0.489	0.559	0.52
vowel	0.385	0.369	0.343	0.341	0.355	0.332	0.361	0.352
wdbc	0.914	0.902	0.919	0.911	0.903	0.921	0.918	0.905
wine	0.822	0.819	0.721	0.748	0.631	0.688	0.893	0.864
wisconsin	0.956	0.947	0.964	0.964	0.925	0.947	0.971	0.954
yeast	0.501	0.489	0.504	0.492	0.44	0.473	0.484	0.473
zoo	0.873	0.877	0.854	0.872	0.862	0.681	0.893	0.915

1.2 10% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.827	0.817	0.828	0.822	0.804	0.826	0.826	0.831
balance	0.767	0.72	0.784	0.738	0.686	0.737	0.758	0.706
banana	0.875	0.869	0.879	0.882	0.867	0.868	0.881	0.872
bands	0.579	0.584	0.589	0.586	0.595	0.578	0.594	0.59
breast	0.63	0.644	0.648	0.621	0.631	0.688	0.638	0.653
bupa	0.601	0.595	0.59	0.558	0.559	0.596	0.562	0.55
car	0.848	0.81	0.82	0.837	0.73	0.802	0.847	0.781
chess	0.955	0.942	0.948	0.948	0.937	0.936	0.95	0.938
cleveland	0.499	0.52	0.525	0.492	0.531	0.533	0.494	0.512
contraceptive	0.487	0.486	0.487	0.483	0.485	0.49	0.493	0.492
crx	0.809	0.824	0.83	0.804	0.812	0.83	0.806	0.819
dermatology	0.921	0.893	0.873	0.896	0.87	0.816	0.911	0.919
flare-solar	0.698	0.693	0.711	0.688	0.697	0.717	0.691	0.704
german	0.685	0.694	0.695	0.682	0.697	0.702	0.677	0.696
haberman	0.71	0.718	0.716	0.693	0.718	0.735	0.698	0.705
hayes-roth	0.538	0.554	0.51	0.522	0.522	0.478	0.504	0.515
heart	0.739	0.748	0.781	0.71	0.705	0.775	0.706	0.747
housevotes	0.934	0.924	0.916	0.932	0.922	0.923	0.915	0.919
ionosphere	0.778	0.81	0.789	0.792	0.815	0.769	0.772	0.79
iris	0.883	0.884	0.821	0.9	0.843	0.793	0.885	0.9
led7digit	0.64	0.645	0.617	0.64	0.649	0.548	0.638	0.656
lymphography	0.691	0.719	0.703	0.677	0.666	0.649	0.672	0.711
mammographic	0.78	0.791	0.807	0.78	0.809	0.818	0.781	0.783
marketing	0.288	0.297	0.305	0.29	0.298	0.304	0.292	0.301
monks	0.902	0.925	0.847	0.927	0.939	0.894	0.916	0.938
movement_libras	0.47	0.377	0.423	0.456	0.367	0.363	0.477	0.404
mushroom	0.993	0.992	0.991	0.994	0.991	0.991	0.996	0.997
newthyroid	0.882	0.894	0.891	0.884	0.843	0.877	0.909	0.908
nursery	0.936	0.918	0.926	0.924	0.896	0.912	0.931	0.91
pageblocks	0.956	0.953	0.954	0.954	0.947	0.949	0.956	0.95
penbased	0.967	0.952	0.959	0.966	0.934	0.946	0.969	0.958
phoneme	0.829	0.822	0.825	0.816	0.797	0.821	0.827	0.818
pima	0.718	0.723	0.722	0.711	0.709	0.717	0.716	0.727
ring	0.937	0.93	0.944	0.92	0.845	0.912	0.937	0.895
saheart	0.672	0.671	0.676	0.67	0.676	0.675	0.658	0.667
satimage	0.87	0.86	0.867	0.858	0.844	0.859	0.864	0.857
segment	0.93	0.91	0.914	0.917	0.893	0.891	0.928	0.902
sonar	0.645	0.671	0.662	0.598	0.561	0.671	0.647	0.601
spambase	0.909	0.917	0.921	0.905	0.913	0.913	0.909	0.918
spectfheart	0.741	0.766	0.771	0.745	0.772	0.747	0.796	0.786
splice	0.884	0.855	0.891	0.878	0.536	0.874	0.887	0.769
tae	0.412	0.409	0.399	0.418	0.404	0.396	0.42	0.408
texture	0.958	0.885	0.94	0.955	0.858	0.885	0.964	0.891
thyroid	0.989	0.978	0.974	0.989	0.96	0.974	0.984	0.971
tic-tac-toe	0.73	0.718	0.72	0.691	0.691	0.703	0.675	0.694
titanic	0.771	0.775	0.771	0.771	0.773	0.776	0.78	0.781
twonorm	0.969	0.956	0.972	0.973	0.948	0.948	0.974	0.964
vehicle	0.674	0.587	0.645	0.645	0.567	0.57	0.638	0.585
vowel	0.503	0.469	0.446	0.48	0.446	0.435	0.482	0.458
wdbc	0.918	0.917	0.928	0.93	0.914	0.922	0.933	0.91
wine	0.897	0.852	0.836	0.842	0.791	0.796	0.883	0.864
wisconsin	0.959	0.953	0.969	0.97	0.936	0.95	0.967	0.956
yeast	0.522	0.514	0.529	0.516	0.499	0.506	0.524	0.52
zoo	0.901	0.905	0.861	0.897	0.897	0.755	0.901	0.917

1.3 15% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.824	0.837	0.843	0.83	0.835	0.84	0.835	0.849
balance	0.811	0.768	0.827	0.804	0.74	0.773	0.819	0.755
banana	0.879	0.876	0.886	0.883	0.875	0.875	0.883	0.877
bands	0.561	0.595	0.597	0.56	0.588	0.613	0.566	0.614
breast	0.677	0.705	0.711	0.677	0.703	0.708	0.685	0.711
bupa	0.639	0.619	0.628	0.591	0.589	0.617	0.598	0.597
car	0.861	0.828	0.838	0.846	0.767	0.82	0.843	0.808
chess	0.962	0.952	0.953	0.96	0.941	0.948	0.957	0.947
cleveland	0.552	0.566	0.578	0.537	0.572	0.578	0.555	0.572
contraceptive	0.486	0.489	0.489	0.482	0.49	0.494	0.497	0.49
crx	0.844	0.854	0.861	0.831	0.847	0.857	0.843	0.859
dermatology	0.939	0.918	0.945	0.915	0.898	0.885	0.93	0.923
flare-solar	0.693	0.707	0.72	0.698	0.711	0.731	0.695	0.709
german	0.704	0.718	0.711	0.684	0.7	0.709	0.692	0.707
haberman	0.678	0.703	0.705	0.72	0.729	0.73	0.682	0.712
hayes-roth	0.585	0.61	0.561	0.551	0.58	0.542	0.546	0.599
heart	0.733	0.754	0.757	0.701	0.733	0.75	0.733	0.753
housevotes	0.947	0.939	0.933	0.948	0.951	0.941	0.932	0.927
ionosphere	0.84	0.854	0.842	0.821	0.87	0.815	0.85	0.86
iris	0.909	0.883	0.867	0.908	0.868	0.853	0.899	0.897
led7digit	0.634	0.648	0.669	0.626	0.636	0.609	0.642	0.666
lymphography	0.746	0.758	0.73	0.688	0.734	0.716	0.734	0.755
mammographic	0.784	0.792	0.814	0.782	0.811	0.823	0.788	0.79
marketing	0.292	0.299	0.31	0.292	0.302	0.312	0.292	0.303
monks	0.932	0.945	0.895	0.955	0.939	0.929	0.939	0.96
movement_libras	0.498	0.393	0.464	0.501	0.389	0.391	0.5	0.404
mushroom	0.996	0.995	0.995	0.996	0.995	0.992	0.997	0.995
newthyroid	0.921	0.895	0.912	0.926	0.883	0.894	0.94	0.9
nursery	0.954	0.933	0.941	0.946	0.91	0.926	0.948	0.925
pageblocks	0.961	0.959	0.961	0.962	0.956	0.957	0.962	0.957
penbased	0.977	0.965	0.972	0.976	0.957	0.962	0.978	0.968
phoneme	0.833	0.826	0.829	0.819	0.804	0.826	0.831	0.823
pima	0.725	0.722	0.723	0.723	0.71	0.718	0.713	0.693
ring	0.94	0.928	0.95	0.924	0.853	0.922	0.939	0.897
saheart	0.677	0.678	0.683	0.672	0.676	0.679	0.665	0.673
satimage	0.879	0.871	0.876	0.868	0.86	0.871	0.876	0.868
segment	0.938	0.928	0.929	0.931	0.917	0.917	0.929	0.919
sonar	0.679	0.676	0.676	0.662	0.615	0.662	0.684	0.654
spambase	0.918	0.922	0.925	0.909	0.919	0.918	0.915	0.921
spectfheart	0.773	0.789	0.799	0.792	0.794	0.785	0.79	0.781
splice	0.904	0.919	0.939	0.895	0.586	0.931	0.904	0.903
tae	0.42	0.424	0.409	0.421	0.421	0.393	0.383	0.394
texture	0.97	0.915	0.957	0.965	0.89	0.911	0.97	0.91
thyroid	0.989	0.984	0.983	0.989	0.977	0.984	0.991	0.982
tic-tac-toe	0.758	0.743	0.744	0.719	0.701	0.727	0.732	0.718
titanic	0.777	0.777	0.775	0.776	0.777	0.772	0.774	0.775
twonorm	0.97	0.961	0.973	0.974	0.953	0.954	0.974	0.966
vehicle	0.704	0.662	0.692	0.659	0.619	0.643	0.694	0.634
vowel	0.572	0.53	0.524	0.554	0.524	0.498	0.572	0.531
wdbc	0.952	0.934	0.946	0.943	0.922	0.934	0.942	0.924
wine	0.925	0.884	0.899	0.949	0.897	0.876	0.946	0.892
wisconsin	0.96	0.942	0.971	0.966	0.932	0.945	0.966	0.953
yeast	0.537	0.543	0.552	0.545	0.533	0.527	0.537	0.535
zoo	0.899	0.905	0.858	0.897	0.909	0.77	0.903	0.913

1.4 20% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.848	0.85	0.854	0.852	0.842	0.851	0.855	0.847
balance	0.847	0.783	0.854	0.856	0.74	0.795	0.856	0.763
banana	0.881	0.88	0.888	0.886	0.882	0.881	0.885	0.884
bands	0.603	0.598	0.615	0.616	0.599	0.609	0.601	0.604
breast	0.674	0.703	0.71	0.672	0.709	0.718	0.677	0.708
bupa	0.628	0.616	0.612	0.587	0.592	0.61	0.595	0.592
car	0.888	0.838	0.853	0.882	0.791	0.828	0.882	0.821
chess	0.966	0.958	0.961	0.964	0.951	0.954	0.966	0.957
cleveland	0.55	0.564	0.57	0.545	0.55	0.562	0.551	0.567
contraceptive	0.504	0.505	0.507	0.51	0.509	0.512	0.509	0.508
crx	0.852	0.853	0.859	0.842	0.841	0.859	0.846	0.849
dermatology	0.932	0.934	0.937	0.914	0.928	0.917	0.923	0.934
flare-solar	0.694	0.696	0.72	0.691	0.703	0.733	0.698	0.703
german	0.703	0.716	0.715	0.699	0.7	0.712	0.702	0.704
haberman	0.685	0.684	0.71	0.696	0.71	0.718	0.695	0.703
hayes-roth	0.555	0.582	0.528	0.522	0.51	0.512	0.512	0.532
heart	0.762	0.778	0.79	0.741	0.768	0.774	0.76	0.756
housevotes	0.945	0.93	0.931	0.932	0.934	0.927	0.951	0.916
ionosphere	0.874	0.861	0.867	0.878	0.883	0.854	0.858	0.856
iris	0.94	0.935	0.921	0.952	0.931	0.907	0.947	0.935
led7digit	0.662	0.684	0.682	0.656	0.691	0.652	0.666	0.692
lymphography	0.749	0.749	0.741	0.699	0.723	0.727	0.727	0.739
mammographic	0.783	0.794	0.812	0.778	0.802	0.827	0.79	0.8
marketing	0.298	0.303	0.316	0.298	0.305	0.317	0.296	0.303
monks	0.962	0.967	0.935	0.969	0.972	0.967	0.944	0.948
movement_libras	0.534	0.441	0.505	0.534	0.423	0.421	0.534	0.441
mushroom	0.999	0.998	0.998	0.999	0.999	0.995	0.999	0.997
newthyroid	0.931	0.92	0.921	0.903	0.884	0.921	0.933	0.903
nursery	0.96	0.938	0.947	0.954	0.92	0.93	0.956	0.931
pageblocks	0.965	0.962	0.964	0.966	0.961	0.962	0.966	0.963
penbased	0.982	0.972	0.977	0.981	0.965	0.97	0.983	0.973
phoneme	0.85	0.843	0.846	0.841	0.825	0.838	0.848	0.836
pima	0.739	0.732	0.739	0.733	0.73	0.734	0.724	0.724
ring	0.949	0.939	0.953	0.93	0.869	0.929	0.942	0.91
saheart	0.673	0.682	0.682	0.687	0.687	0.687	0.688	0.687
satimage	0.882	0.878	0.88	0.875	0.868	0.877	0.88	0.873
segment	0.949	0.935	0.942	0.945	0.921	0.928	0.944	0.931
sonar	0.727	0.715	0.716	0.688	0.641	0.705	0.687	0.707
spambase	0.923	0.928	0.932	0.914	0.925	0.926	0.919	0.927
spectfheart	0.793	0.799	0.797	0.796	0.794	0.801	0.799	0.796
splice	0.928	0.928	0.939	0.918	0.71	0.932	0.92	0.924
tae	0.441	0.412	0.418	0.441	0.417	0.428	0.444	0.435
texture	0.973	0.926	0.962	0.973	0.909	0.924	0.974	0.926
thyroid	0.991	0.985	0.983	0.99	0.981	0.986	0.993	0.987
tic-tac-toe	0.799	0.769	0.778	0.765	0.719	0.761	0.77	0.739
titanic	0.773	0.773	0.768	0.772	0.77	0.771	0.775	0.78
twonorm	0.972	0.963	0.973	0.974	0.957	0.957	0.975	0.966
vehicle	0.733	0.69	0.717	0.699	0.657	0.685	0.713	0.651
vowel	0.646	0.609	0.59	0.635	0.591	0.555	0.625	0.575
wdbc	0.943	0.919	0.941	0.934	0.914	0.929	0.942	0.927
wine	0.943	0.928	0.939	0.956	0.953	0.933	0.947	0.928
wisconsin	0.968	0.961	0.973	0.97	0.956	0.96	0.965	0.958
yeast	0.542	0.544	0.557	0.55	0.548	0.547	0.551	0.551
zoo	0.911	0.931	0.897	0.915	0.925	0.875	0.929	0.945

1.5 30% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.851	0.848	0.857	0.851	0.85	0.853	0.855	0.854
balance	0.853	0.796	0.862	0.859	0.772	0.802	0.856	0.784
banana	0.881	0.883	0.889	0.886	0.881	0.885	0.885	0.883
bands	0.629	0.638	0.639	0.625	0.621	0.63	0.639	0.636
breast	0.677	0.713	0.716	0.667	0.716	0.717	0.675	0.71
bupa	0.657	0.659	0.663	0.642	0.613	0.641	0.64	0.63
car	0.916	0.872	0.889	0.913	0.84	0.86	0.911	0.85
chess	0.977	0.965	0.97	0.974	0.96	0.961	0.975	0.961
cleveland	0.549	0.56	0.572	0.549	0.572	0.561	0.547	0.559
contraceptive	0.499	0.507	0.514	0.508	0.512	0.517	0.511	0.511
crx	0.851	0.861	0.862	0.844	0.856	0.865	0.85	0.862
dermatology	0.961	0.95	0.963	0.944	0.947	0.943	0.946	0.943
flare-solar	0.71	0.718	0.729	0.708	0.721	0.74	0.709	0.714
german	0.707	0.724	0.722	0.705	0.705	0.718	0.699	0.715
haberman	0.716	0.716	0.733	0.708	0.725	0.738	0.72	0.733
hayes-roth	0.659	0.672	0.63	0.649	0.656	0.584	0.633	0.634
heart	0.779	0.791	0.794	0.766	0.767	0.804	0.777	0.776
housevotes	0.942	0.934	0.941	0.942	0.94	0.936	0.947	0.937
ionosphere	0.901	0.914	0.892	0.899	0.914	0.899	0.902	0.91
iris	0.927	0.94	0.931	0.948	0.924	0.928	0.937	0.935
led7digit	0.682	0.701	0.7	0.679	0.69	0.7	0.683	0.696
lymphography	0.766	0.791	0.774	0.75	0.777	0.789	0.768	0.762
mammographic	0.779	0.783	0.814	0.781	0.797	0.826	0.786	0.802
marketing	0.295	0.302	0.315	0.297	0.304	0.322	0.296	0.307
monks	0.976	0.972	0.964	0.972	0.974	0.972	0.981	0.973
movement_libras	0.628	0.523	0.59	0.63	0.502	0.517	0.618	0.519
mushroom	0.999	0.999	0.999	0.999	0.999	0.998	0.999	0.999
newthyroid	0.953	0.924	0.934	0.942	0.913	0.926	0.932	0.91
nursery	0.975	0.952	0.963	0.973	0.936	0.944	0.974	0.944
pageblocks	0.965	0.963	0.965	0.965	0.961	0.962	0.965	0.963
penbased	0.986	0.978	0.982	0.985	0.974	0.975	0.988	0.979
phoneme	0.862	0.853	0.856	0.852	0.839	0.848	0.857	0.846
pima	0.742	0.743	0.748	0.742	0.745	0.743	0.744	0.746
ring	0.952	0.936	0.956	0.939	0.882	0.934	0.947	0.911
saheart	0.685	0.693	0.691	0.696	0.683	0.681	0.703	0.693
satimage	0.892	0.885	0.888	0.888	0.878	0.885	0.888	0.883
segment	0.96	0.951	0.953	0.957	0.945	0.943	0.954	0.941
sonar	0.713	0.716	0.719	0.71	0.675	0.722	0.715	0.692
spambase	0.933	0.935	0.937	0.925	0.93	0.932	0.93	0.933
spectfheart	0.793	0.807	0.805	0.801	0.794	0.809	0.802	0.793
splice	0.931	0.945	0.95	0.924	0.875	0.946	0.927	0.947
tae	0.452	0.429	0.458	0.457	0.452	0.415	0.406	0.425
texture	0.98	0.94	0.971	0.978	0.929	0.939	0.981	0.939
thyroid	0.994	0.99	0.988	0.993	0.988	0.989	0.993	0.989
tic-tac-toe	0.848	0.814	0.825	0.816	0.757	0.798	0.831	0.788
titanic	0.78	0.786	0.782	0.781	0.779	0.776	0.785	0.781
twonorm	0.973	0.965	0.974	0.973	0.961	0.959	0.974	0.967
vehicle	0.745	0.702	0.729	0.713	0.677	0.692	0.713	0.684
vowel	0.742	0.686	0.679	0.727	0.688	0.642	0.716	0.667
wdbc	0.957	0.936	0.955	0.951	0.935	0.938	0.95	0.936
wine	0.936	0.928	0.931	0.943	0.93	0.93	0.954	0.951
wisconsin	0.967	0.96	0.972	0.969	0.959	0.959	0.968	0.962
yeast	0.548	0.557	0.562	0.552	0.554	0.557	0.564	0.563
zoo	0.913	0.907	0.871	0.921	0.925	0.859	0.917	0.947

1.6 40% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.858	0.863	0.868	0.858	0.866	0.864	0.861	0.865
balance	0.875	0.805	0.875	0.877	0.79	0.811	0.871	0.79
banana	0.883	0.885	0.893	0.887	0.888	0.889	0.886	0.888
bands	0.633	0.642	0.643	0.637	0.644	0.641	0.638	0.635
breast	0.669	0.709	0.711	0.661	0.709	0.726	0.688	0.718
bupa	0.688	0.669	0.677	0.667	0.645	0.653	0.672	0.652
car	0.934	0.891	0.909	0.932	0.868	0.88	0.933	0.878
chess	0.981	0.972	0.978	0.981	0.968	0.967	0.981	0.971
cleveland	0.545	0.562	0.568	0.557	0.571	0.572	0.561	0.579
contraceptive	0.52	0.527	0.534	0.527	0.535	0.532	0.529	0.53
crx	0.854	0.871	0.875	0.855	0.869	0.876	0.86	0.866
dermatology	0.941	0.956	0.953	0.934	0.958	0.953	0.937	0.953
flare-solar	0.717	0.723	0.737	0.711	0.727	0.746	0.722	0.73
german	0.719	0.727	0.73	0.715	0.714	0.722	0.716	0.72
haberman	0.715	0.716	0.731	0.713	0.73	0.737	0.721	0.731
hayes-roth	0.675	0.681	0.63	0.658	0.661	0.597	0.651	0.672
heart	0.78	0.787	0.793	0.759	0.775	0.784	0.763	0.775
housevotes	0.961	0.959	0.959	0.961	0.963	0.958	0.964	0.953
ionosphere	0.923	0.912	0.912	0.916	0.908	0.898	0.913	0.913
iris	0.957	0.94	0.947	0.949	0.939	0.935	0.953	0.943
led7digit	0.676	0.687	0.69	0.668	0.687	0.712	0.677	0.688
lymphography	0.786	0.804	0.788	0.791	0.804	0.778	0.785	0.784
mammographic	0.797	0.806	0.827	0.801	0.815	0.837	0.786	0.795
marketing	0.302	0.309	0.325	0.304	0.312	0.329	0.296	0.308
monks	0.982	0.977	0.975	0.98	0.975	0.975	0.981	0.976
movement_libras	0.666	0.564	0.627	0.658	0.559	0.553	0.654	0.542
mushroom	0.999	0.999	0.999	0.999	0.999	0.999	1.0	0.999
newthyroid	0.949	0.936	0.947	0.943	0.927	0.941	0.938	0.924
nursery	0.983	0.959	0.97	0.982	0.947	0.951	0.982	0.953
pageblocks	0.968	0.966	0.966	0.967	0.966	0.965	0.968	0.966
penbased	0.988	0.982	0.985	0.988	0.979	0.979	0.989	0.981
phoneme	0.869	0.862	0.863	0.862	0.852	0.858	0.865	0.859
pima	0.735	0.744	0.74	0.732	0.736	0.739	0.757	0.754
ring	0.952	0.937	0.955	0.943	0.892	0.935	0.947	0.917
saheart	0.697	0.687	0.703	0.693	0.695	0.696	0.703	0.691
satimage	0.897	0.89	0.892	0.891	0.884	0.888	0.893	0.886
segment	0.967	0.959	0.96	0.964	0.955	0.949	0.964	0.95
sonar	0.757	0.738	0.753	0.741	0.711	0.733	0.742	0.74
spambase	0.935	0.938	0.94	0.929	0.935	0.935	0.931	0.935
spectfheart	0.801	0.807	0.816	0.797	0.795	0.798	0.796	0.796
splice	0.939	0.951	0.953	0.934	0.922	0.951	0.94	0.95
tae	0.441	0.432	0.457	0.441	0.44	0.453	0.474	0.459
texture	0.984	0.95	0.975	0.982	0.943	0.948	0.984	0.949
thyroid	0.994	0.992	0.99	0.994	0.99	0.992	0.994	0.991
tic-tac-toe	0.903	0.852	0.849	0.881	0.803	0.832	0.884	0.832
titanic	0.781	0.783	0.778	0.783	0.784	0.777	0.781	0.784
twonorm	0.974	0.967	0.974	0.974	0.963	0.959	0.975	0.968
vehicle	0.758	0.724	0.749	0.74	0.704	0.718	0.738	0.705
vowel	0.784	0.749	0.744	0.783	0.742	0.703	0.782	0.744
wdbc	0.954	0.938	0.95	0.951	0.935	0.938	0.959	0.94
wine	0.94	0.948	0.958	0.947	0.953	0.944	0.966	0.96
wisconsin	0.972	0.968	0.975	0.975	0.967	0.968	0.97	0.963
yeast	0.566	0.568	0.584	0.578	0.57	0.57	0.573	0.577
zoo	0.913	0.939	0.921	0.929	0.935	0.907	0.933	0.951

1.7 50% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.857	0.858	0.863	0.857	0.859	0.86	0.857	0.863
balance	0.88	0.822	0.883	0.884	0.814	0.829	0.88	0.812
banana	0.883	0.888	0.894	0.888	0.889	0.89	0.886	0.889
bands	0.658	0.665	0.668	0.653	0.653	0.654	0.651	0.655
breast	0.724	0.74	0.741	0.707	0.736	0.749	0.711	0.739
bupa	0.696	0.685	0.706	0.686	0.677	0.684	0.684	0.66
car	0.95	0.906	0.926	0.946	0.892	0.89	0.945	0.899
chess	0.987	0.976	0.981	0.987	0.973	0.968	0.987	0.973
cleveland	0.549	0.57	0.578	0.547	0.566	0.576	0.564	0.575
contraceptive	0.517	0.519	0.525	0.521	0.526	0.533	0.519	0.525
crx	0.861	0.866	0.866	0.858	0.866	0.869	0.858	0.869
dermatology	0.953	0.967	0.97	0.949	0.96	0.964	0.947	0.965
flare-solar	0.714	0.726	0.735	0.713	0.721	0.74	0.718	0.72
german	0.726	0.739	0.727	0.713	0.72	0.725	0.72	0.726
haberman	0.695	0.709	0.714	0.71	0.722	0.731	0.708	0.716
hayes-roth	0.702	0.72	0.654	0.694	0.708	0.648	0.698	0.7
heart	0.793	0.801	0.81	0.779	0.788	0.799	0.787	0.797
housevotes	0.948	0.948	0.939	0.948	0.951	0.943	0.949	0.943
ionosphere	0.924	0.909	0.919	0.921	0.92	0.905	0.92	0.913
iris	0.952	0.947	0.951	0.957	0.944	0.939	0.959	0.948
led7digit	0.687	0.701	0.706	0.689	0.698	0.719	0.69	0.702
lymphography	0.796	0.808	0.807	0.781	0.8	0.809	0.782	0.801
mammographic	0.773	0.781	0.809	0.773	0.787	0.827	0.789	0.797
marketing	0.309	0.314	0.327	0.307	0.313	0.33	0.299	0.306
monks	0.986	0.979	0.978	0.984	0.977	0.972	0.99	0.977
movement_libras	0.723	0.604	0.689	0.722	0.594	0.589	0.706	0.596
mushroom	1.0	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.954	0.941	0.954	0.953	0.942	0.934	0.952	0.941
nursery	0.987	0.963	0.974	0.986	0.954	0.955	0.986	0.958
pageblocks	0.969	0.967	0.968	0.968	0.967	0.966	0.968	0.968
penbased	0.99	0.984	0.988	0.99	0.981	0.981	0.991	0.983
phoneme	0.876	0.871	0.872	0.874	0.866	0.866	0.876	0.867
pima	0.751	0.746	0.753	0.753	0.743	0.747	0.753	0.752
ring	0.955	0.94	0.958	0.948	0.907	0.942	0.952	0.924
saheart	0.694	0.694	0.7	0.686	0.689	0.683	0.707	0.7
satimage	0.902	0.895	0.895	0.897	0.889	0.893	0.897	0.889
segment	0.97	0.96	0.963	0.968	0.958	0.952	0.965	0.955
sonar	0.778	0.749	0.77	0.772	0.738	0.773	0.756	0.746
spambase	0.94	0.941	0.943	0.936	0.938	0.938	0.937	0.939
spectfheart	0.805	0.805	0.804	0.795	0.805	0.807	0.798	0.801
splice	0.943	0.955	0.955	0.939	0.947	0.956	0.94	0.956
tae	0.452	0.428	0.447	0.446	0.442	0.446	0.492	0.472
texture	0.986	0.958	0.978	0.985	0.952	0.956	0.986	0.954
thyroid	0.994	0.992	0.991	0.994	0.991	0.992	0.994	0.992
tic-tac-toe	0.931	0.882	0.886	0.923	0.848	0.861	0.915	0.854
titanic	0.785	0.785	0.783	0.785	0.784	0.777	0.783	0.785
twonorm	0.974	0.968	0.975	0.974	0.966	0.961	0.974	0.967
vehicle	0.765	0.724	0.75	0.745	0.72	0.715	0.746	0.711
vowel	0.838	0.8	0.794	0.836	0.798	0.749	0.836	0.798
wdbc	0.957	0.943	0.953	0.956	0.936	0.938	0.962	0.946
wine	0.962	0.964	0.972	0.962	0.964	0.96	0.972	0.969
wisconsin	0.971	0.965	0.974	0.973	0.964	0.968	0.97	0.968
yeast	0.577	0.574	0.589	0.576	0.581	0.587	0.584	0.585
zoo	0.931	0.947	0.923	0.927	0.95	0.909	0.907	0.939

1.8 60% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.854	0.866	0.865	0.852	0.867	0.865	0.856	0.867
balance	0.89	0.838	0.887	0.891	0.829	0.84	0.886	0.821
banana	0.883	0.888	0.895	0.886	0.89	0.892	0.886	0.89
bands	0.668	0.66	0.681	0.666	0.653	0.655	0.653	0.654
breast	0.694	0.734	0.739	0.7	0.74	0.75	0.697	0.735
bupa	0.7	0.676	0.683	0.681	0.668	0.67	0.678	0.662
car	0.956	0.915	0.937	0.952	0.91	0.9	0.951	0.911
chess	0.989	0.978	0.983	0.989	0.977	0.974	0.988	0.977
cleveland	0.57	0.58	0.587	0.577	0.585	0.589	0.572	0.594
contraceptive	0.522	0.528	0.534	0.522	0.526	0.534	0.526	0.529
crx	0.865	0.871	0.87	0.86	0.873	0.87	0.86	0.87
dermatology	0.953	0.966	0.968	0.951	0.965	0.969	0.954	0.965
flare-solar	0.721	0.729	0.738	0.72	0.731	0.745	0.724	0.731
german	0.727	0.74	0.742	0.718	0.733	0.738	0.725	0.732
haberman	0.691	0.697	0.709	0.702	0.705	0.727	0.689	0.716
hayes-roth	0.762	0.765	0.724	0.75	0.746	0.681	0.729	0.762
heart	0.814	0.821	0.831	0.815	0.815	0.812	0.817	0.816
housevotes	0.958	0.959	0.965	0.958	0.964	0.959	0.961	0.96
ionosphere	0.932	0.921	0.928	0.936	0.923	0.917	0.936	0.919
iris	0.953	0.947	0.952	0.955	0.947	0.947	0.959	0.945
led7digit	0.678	0.687	0.7	0.678	0.693	0.709	0.679	0.687
lymphography	0.786	0.789	0.793	0.768	0.791	0.785	0.772	0.785
mammographic	0.783	0.788	0.816	0.785	0.795	0.83	0.782	0.786
marketing	0.305	0.312	0.327	0.304	0.311	0.334	0.3	0.307
monks	0.99	0.985	0.984	0.993	0.978	0.975	0.993	0.975
movement_libras	0.748	0.642	0.712	0.749	0.631	0.612	0.751	0.611
mushroom	1.0	1.0	0.999	1.0	1.0	0.999	1.0	1.0
newthyroid	0.959	0.958	0.967	0.959	0.956	0.956	0.959	0.943
nursery	0.991	0.971	0.981	0.991	0.965	0.962	0.99	0.966
pageblocks	0.971	0.969	0.97	0.97	0.97	0.969	0.971	0.97
penbased	0.992	0.985	0.989	0.991	0.985	0.984	0.991	0.984
phoneme	0.882	0.875	0.875	0.882	0.871	0.871	0.88	0.874
pima	0.749	0.751	0.762	0.752	0.756	0.753	0.756	0.749
ring	0.957	0.94	0.958	0.953	0.918	0.943	0.954	0.928
saheart	0.685	0.694	0.697	0.688	0.693	0.695	0.697	0.692
satimage	0.904	0.899	0.899	0.902	0.895	0.898	0.902	0.894
segment	0.973	0.965	0.969	0.972	0.963	0.96	0.971	0.958
sonar	0.757	0.748	0.766	0.757	0.741	0.744	0.775	0.762
spambase	0.944	0.943	0.944	0.942	0.941	0.94	0.943	0.941
spectfheart	0.801	0.801	0.804	0.799	0.801	0.795	0.813	0.799
splice	0.943	0.957	0.957	0.94	0.95	0.957	0.942	0.955
tae	0.494	0.45	0.507	0.498	0.474	0.478	0.499	0.498
texture	0.988	0.961	0.981	0.988	0.958	0.961	0.989	0.96
thyroid	0.996	0.993	0.992	0.995	0.992	0.993	0.995	0.994
tic-tac-toe	0.946	0.899	0.914	0.945	0.871	0.892	0.949	0.881
titanic	0.786	0.786	0.786	0.786	0.786	0.778	0.783	0.785
twonorm	0.974	0.968	0.975	0.974	0.967	0.961	0.974	0.969
vehicle	0.765	0.734	0.755	0.761	0.733	0.728	0.763	0.727
vowel	0.873	0.823	0.836	0.86	0.828	0.78	0.88	0.839
wdbc	0.962	0.949	0.96	0.96	0.943	0.947	0.965	0.95
wine	0.958	0.958	0.969	0.965	0.969	0.961	0.97	0.98
wisconsin	0.969	0.965	0.973	0.971	0.966	0.965	0.969	0.963
yeast	0.584	0.589	0.597	0.588	0.582	0.591	0.586	0.584
zoo	0.923	0.943	0.931	0.925	0.941	0.927	0.921	0.941

1.9 70% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.856	0.865	0.869	0.854	0.862	0.87	0.859	0.862
balance	0.888	0.834	0.886	0.894	0.838	0.843	0.89	0.831
banana	0.884	0.888	0.896	0.887	0.89	0.892	0.886	0.889
bands	0.673	0.675	0.674	0.672	0.671	0.666	0.671	0.66
breast	0.697	0.734	0.739	0.698	0.733	0.738	0.705	0.732
bupa	0.697	0.697	0.693	0.692	0.695	0.688	0.695	0.682
car	0.956	0.921	0.944	0.954	0.921	0.912	0.955	0.913
chess	0.99	0.981	0.985	0.99	0.978	0.976	0.99	0.978
cleveland	0.563	0.574	0.572	0.56	0.57	0.577	0.559	0.576
contraceptive	0.514	0.514	0.53	0.52	0.521	0.534	0.518	0.519
crx	0.864	0.87	0.872	0.863	0.873	0.871	0.863	0.873
dermatology	0.96	0.969	0.969	0.96	0.964	0.972	0.96	0.971
flare-solar	0.715	0.726	0.737	0.72	0.727	0.747	0.723	0.724
german	0.735	0.744	0.747	0.729	0.736	0.739	0.732	0.739
haberman	0.7	0.716	0.712	0.698	0.708	0.736	0.698	0.712
hayes-roth	0.77	0.775	0.745	0.774	0.774	0.692	0.766	0.776
heart	0.793	0.799	0.819	0.793	0.801	0.808	0.793	0.81
housevotes	0.959	0.965	0.964	0.957	0.963	0.964	0.96	0.959
ionosphere	0.934	0.928	0.934	0.93	0.925	0.921	0.931	0.925
iris	0.959	0.949	0.952	0.961	0.953	0.943	0.96	0.953
led7digit	0.702	0.701	0.716	0.699	0.704	0.728	0.698	0.708
lymphography	0.801	0.82	0.815	0.791	0.814	0.824	0.803	0.811
mammographic	0.774	0.788	0.819	0.779	0.791	0.834	0.777	0.785
marketing	0.307	0.312	0.328	0.309	0.313	0.334	0.304	0.312
monks	0.994	0.984	0.982	0.993	0.983	0.974	0.99	0.977
movement_libras	0.778	0.656	0.745	0.786	0.662	0.626	0.789	0.662
mushroom	1.0	1.0	0.999	1.0	1.0	0.999	1.0	1.0
newthyroid	0.965	0.967	0.967	0.961	0.96	0.957	0.958	0.953
nursery	0.994	0.973	0.984	0.994	0.969	0.964	0.994	0.969
pageblocks	0.97	0.97	0.97	0.971	0.97	0.969	0.971	0.97
penbased	0.992	0.987	0.99	0.992	0.986	0.984	0.992	0.986
phoneme	0.886	0.877	0.879	0.884	0.878	0.873	0.882	0.875
pima	0.743	0.753	0.749	0.744	0.756	0.75	0.762	0.756
ring	0.957	0.94	0.959	0.954	0.926	0.943	0.956	0.931
saheart	0.69	0.686	0.702	0.701	0.691	0.687	0.697	0.697
satimage	0.907	0.901	0.901	0.904	0.897	0.899	0.906	0.897
segment	0.974	0.967	0.969	0.973	0.966	0.961	0.973	0.963
sonar	0.772	0.751	0.777	0.773	0.752	0.746	0.778	0.762
spambase	0.944	0.945	0.946	0.943	0.943	0.941	0.943	0.942
spectfheart	0.812	0.812	0.81	0.814	0.81	0.814	0.818	0.805
splice	0.948	0.958	0.958	0.947	0.952	0.959	0.947	0.956
tae	0.487	0.478	0.506	0.482	0.47	0.49	0.509	0.507
texture	0.989	0.964	0.983	0.989	0.962	0.963	0.989	0.963
thyroid	0.996	0.994	0.993	0.995	0.994	0.994	0.996	0.994
tic-tac-toe	0.967	0.921	0.933	0.967	0.904	0.906	0.961	0.902
titanic	0.787	0.787	0.787	0.787	0.787	0.779	0.786	0.785
twonorm	0.974	0.969	0.975	0.975	0.967	0.96	0.975	0.969
vehicle	0.774	0.739	0.765	0.77	0.735	0.728	0.768	0.727
vowel	0.9	0.857	0.863	0.894	0.856	0.826	0.895	0.859
wdbc	0.964	0.949	0.962	0.962	0.947	0.95	0.966	0.948
wine	0.961	0.965	0.971	0.964	0.973	0.963	0.971	0.976
wisconsin	0.969	0.967	0.973	0.97	0.968	0.967	0.971	0.966
yeast	0.586	0.592	0.607	0.589	0.59	0.597	0.593	0.597
zoo	0.929	0.947	0.935	0.925	0.95	0.927	0.927	0.945

1.10 80% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.856	0.863	0.867	0.856	0.868	0.868	0.856	0.863
balance	0.894	0.839	0.89	0.898	0.844	0.85	0.894	0.835
banana	0.886	0.89	0.898	0.888	0.891	0.896	0.888	0.892
bands	0.687	0.69	0.694	0.694	0.688	0.671	0.687	0.676
breast	0.68	0.724	0.737	0.691	0.731	0.742	0.683	0.724
bupa	0.711	0.706	0.709	0.701	0.692	0.711	0.701	0.699
car	0.962	0.93	0.95	0.961	0.928	0.917	0.961	0.926
chess	0.991	0.983	0.988	0.991	0.983	0.978	0.99	0.982
cleveland	0.572	0.574	0.58	0.566	0.582	0.583	0.568	0.575
contraceptive	0.514	0.521	0.53	0.521	0.517	0.54	0.517	0.524
crx	0.866	0.872	0.876	0.867	0.872	0.872	0.862	0.87
dermatology	0.961	0.968	0.97	0.958	0.97	0.97	0.961	0.97
flare-solar	0.722	0.73	0.735	0.726	0.728	0.743	0.724	0.726
german	0.733	0.742	0.745	0.732	0.742	0.734	0.735	0.747
haberman	0.703	0.708	0.713	0.706	0.7	0.727	0.706	0.701
hayes-roth	0.789	0.796	0.738	0.791	0.805	0.711	0.785	0.8
heart	0.79	0.806	0.818	0.799	0.803	0.818	0.787	0.802
housevotes	0.964	0.965	0.966	0.963	0.965	0.966	0.962	0.963
ionosphere	0.94	0.929	0.936	0.938	0.93	0.919	0.936	0.928
iris	0.96	0.953	0.96	0.959	0.949	0.94	0.957	0.952
led7digit	0.693	0.699	0.713	0.692	0.701	0.73	0.692	0.702
lymphography	0.815	0.835	0.831	0.818	0.835	0.835	0.805	0.812
mammographic	0.781	0.795	0.818	0.783	0.794	0.834	0.786	0.795
marketing	0.309	0.315	0.332	0.308	0.315	0.337	0.301	0.31
monks	0.994	0.987	0.984	0.994	0.984	0.974	0.994	0.987
movement_libras	0.791	0.693	0.767	0.786	0.685	0.647	0.802	0.686
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.968	0.96	0.967	0.96	0.953	0.937	0.958	0.955
nursery	0.994	0.976	0.987	0.995	0.973	0.967	0.994	0.972
pageblocks	0.973	0.971	0.971	0.972	0.971	0.971	0.972	0.971
penbased	0.993	0.988	0.991	0.993	0.987	0.986	0.993	0.986
phoneme	0.892	0.887	0.886	0.894	0.885	0.879	0.891	0.883
pima	0.748	0.754	0.761	0.751	0.757	0.753	0.754	0.758
ring	0.958	0.943	0.959	0.956	0.933	0.947	0.956	0.936
saheart	0.693	0.702	0.701	0.706	0.709	0.7	0.701	0.693
satimage	0.91	0.904	0.903	0.908	0.903	0.9	0.908	0.901
segment	0.976	0.968	0.972	0.976	0.968	0.961	0.975	0.967
sonar	0.79	0.763	0.78	0.787	0.762	0.769	0.786	0.765
spambase	0.945	0.945	0.947	0.945	0.945	0.942	0.946	0.944
spectfheart	0.801	0.807	0.801	0.81	0.807	0.804	0.81	0.799
splice	0.948	0.961	0.959	0.946	0.957	0.959	0.947	0.958
tae	0.487	0.473	0.5	0.485	0.482	0.466	0.515	0.505
texture	0.99	0.967	0.984	0.99	0.965	0.966	0.991	0.966
thyroid	0.996	0.994	0.994	0.996	0.994	0.994	0.996	0.994
tic-tac-toe	0.974	0.94	0.945	0.977	0.929	0.928	0.963	0.911
titanic	0.787	0.788	0.784	0.787	0.788	0.779	0.787	0.786
twonorm	0.974	0.969	0.975	0.975	0.967	0.961	0.974	0.969
vehicle	0.778	0.744	0.769	0.775	0.74	0.733	0.771	0.732
vowel	0.912	0.876	0.883	0.912	0.878	0.838	0.923	0.889
wdbc	0.966	0.949	0.962	0.964	0.946	0.95	0.967	0.951
wine	0.969	0.978	0.982	0.97	0.967	0.97	0.975	0.976
wisconsin	0.971	0.967	0.975	0.97	0.967	0.97	0.969	0.965
yeast	0.588	0.588	0.6	0.589	0.589	0.599	0.592	0.592
zoo	0.907	0.945	0.939	0.921	0.949	0.929	0.935	0.951

1.11 90% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.862	0.868	0.872	0.86	0.873	0.868	0.863	0.871
balance	0.896	0.833	0.891	0.897	0.832	0.844	0.896	0.835
banana	0.885	0.89	0.897	0.884	0.89	0.895	0.885	0.89
bands	0.692	0.688	0.694	0.698	0.688	0.679	0.687	0.696
breast	0.685	0.726	0.736	0.682	0.723	0.741	0.682	0.729
bupa	0.709	0.7	0.7	0.703	0.694	0.707	0.702	0.696
car	0.966	0.935	0.952	0.964	0.932	0.925	0.963	0.934
chess	0.992	0.983	0.989	0.992	0.983	0.978	0.992	0.983
cleveland	0.562	0.573	0.578	0.56	0.577	0.578	0.553	0.577
contraceptive	0.514	0.52	0.53	0.518	0.521	0.537	0.521	0.524
crx	0.866	0.874	0.872	0.866	0.872	0.869	0.865	0.874
dermatology	0.962	0.969	0.972	0.958	0.971	0.966	0.959	0.966
flare-solar	0.725	0.728	0.74	0.724	0.733	0.747	0.727	0.731
german	0.731	0.739	0.745	0.731	0.745	0.735	0.731	0.744
haberman	0.695	0.711	0.714	0.695	0.713	0.728	0.699	0.712
hayes-roth	0.812	0.814	0.779	0.81	0.815	0.781	0.814	0.821
heart	0.807	0.811	0.828	0.816	0.81	0.817	0.81	0.809
housevotes	0.959	0.965	0.964	0.959	0.963	0.964	0.957	0.962
ionosphere	0.937	0.933	0.937	0.94	0.928	0.923	0.939	0.925
iris	0.961	0.948	0.959	0.959	0.944	0.941	0.957	0.944
led7digit	0.698	0.704	0.712	0.694	0.703	0.722	0.695	0.7
lymphography	0.796	0.807	0.812	0.807	0.818	0.826	0.795	0.818
mammographic	0.78	0.792	0.822	0.78	0.791	0.833	0.788	0.794
marketing	0.306	0.316	0.332	0.305	0.315	0.337	0.302	0.311
monks	0.999	0.988	0.983	1.0	0.985	0.975	0.994	0.988
movement_libras	0.818	0.698	0.782	0.813	0.701	0.666	0.814	0.698
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.964	0.967	0.967	0.965	0.962	0.953	0.961	0.954
nursery	0.996	0.977	0.988	0.996	0.977	0.969	0.996	0.976
pageblocks	0.972	0.97	0.972	0.972	0.97	0.971	0.972	0.97
penbased	0.993	0.989	0.991	0.993	0.988	0.985	0.993	0.988
phoneme	0.896	0.89	0.887	0.895	0.889	0.882	0.896	0.888
pima	0.752	0.759	0.759	0.756	0.758	0.757	0.754	0.754
ring	0.959	0.944	0.96	0.959	0.942	0.949	0.959	0.94
saheart	0.691	0.689	0.697	0.691	0.693	0.697	0.7	0.691
satimage	0.912	0.907	0.905	0.911	0.905	0.902	0.91	0.904
segment	0.978	0.97	0.974	0.978	0.97	0.964	0.977	0.969
sonar	0.795	0.772	0.802	0.801	0.763	0.773	0.799	0.773
spambase	0.948	0.946	0.949	0.948	0.947	0.943	0.947	0.946
spectfheart	0.797	0.81	0.8	0.804	0.808	0.804	0.805	0.814
splice	0.95	0.96	0.961	0.949	0.961	0.959	0.949	0.959
tae	0.502	0.505	0.544	0.505	0.507	0.495	0.552	0.55
texture	0.991	0.969	0.984	0.991	0.968	0.968	0.991	0.969
thyroid	0.996	0.994	0.994	0.996	0.994	0.995	0.996	0.995
tic-tac-toe	0.979	0.943	0.962	0.981	0.948	0.934	0.977	0.939
titanic	0.785	0.785	0.784	0.785	0.786	0.777	0.784	0.784
twonorm	0.974	0.967	0.975	0.974	0.969	0.961	0.974	0.969
vehicle	0.783	0.744	0.765	0.778	0.746	0.742	0.778	0.739
vowel	0.932	0.9	0.908	0.927	0.9	0.862	0.932	0.901
wdbc	0.966	0.951	0.96	0.967	0.947	0.95	0.966	0.954
wine	0.97	0.975	0.983	0.972	0.972	0.967	0.976	0.983
wisconsin	0.971	0.97	0.975	0.97	0.967	0.971	0.969	0.965
yeast	0.589	0.601	0.608	0.592	0.602	0.609	0.594	0.594
zoo	0.939	0.954	0.952	0.929	0.952	0.937	0.921	0.951

1.12 99% label proportion

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.86	0.869	0.87	0.859	0.87	0.869	0.857	0.873
balance	0.898	0.837	0.892	0.898	0.833	0.844	0.899	0.842
banana	0.885	0.89	0.899	0.886	0.889	0.894	0.885	0.89
bands	0.696	0.704	0.704	0.702	0.687	0.684	0.709	0.688
breast	0.694	0.729	0.738	0.685	0.734	0.745	0.687	0.726
bupa	0.704	0.711	0.708	0.711	0.705	0.711	0.703	0.705
car	0.969	0.941	0.958	0.969	0.945	0.928	0.97	0.941
chess	0.993	0.985	0.989	0.993	0.985	0.979	0.993	0.985
cleveland	0.558	0.56	0.579	0.562	0.574	0.574	0.563	0.573
contraceptive	0.515	0.52	0.534	0.518	0.52	0.543	0.513	0.523
crx	0.869	0.874	0.871	0.87	0.876	0.874	0.869	0.874
dermatology	0.965	0.968	0.972	0.966	0.969	0.972	0.966	0.97
flare-solar	0.726	0.732	0.741	0.731	0.729	0.743	0.727	0.727
german	0.745	0.748	0.751	0.745	0.746	0.746	0.746	0.749
haberman	0.693	0.705	0.71	0.692	0.703	0.729	0.701	0.704
hayes-roth	0.814	0.815	0.775	0.811	0.822	0.779	0.772	0.807
heart	0.807	0.808	0.824	0.808	0.821	0.818	0.818	0.806
housevotes	0.96	0.964	0.967	0.963	0.967	0.966	0.964	0.963
ionosphere	0.943	0.928	0.94	0.942	0.93	0.925	0.946	0.928
iris	0.956	0.951	0.959	0.959	0.949	0.952	0.959	0.955
led7digit	0.696	0.701	0.71	0.697	0.703	0.723	0.692	0.7
lymphography	0.807	0.819	0.822	0.816	0.826	0.827	0.816	0.826
mammographic	0.778	0.788	0.822	0.78	0.789	0.834	0.783	0.796
marketing	0.31	0.318	0.334	0.31	0.316	0.339	0.305	0.313
monks	0.998	0.988	0.988	1.0	0.986	0.975	1.0	0.989
movement_libras	0.823	0.721	0.804	0.826	0.714	0.684	0.824	0.693
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.964	0.968	0.965	0.964	0.965	0.95	0.961	0.964
nursery	0.996	0.98	0.99	0.997	0.98	0.971	0.997	0.98
pageblocks	0.973	0.972	0.972	0.973	0.972	0.971	0.973	0.972
penbased	0.994	0.989	0.992	0.993	0.989	0.987	0.993	0.988
phoneme	0.899	0.891	0.89	0.896	0.891	0.882	0.899	0.891
pima	0.75	0.76	0.758	0.753	0.754	0.765	0.762	0.756
ring	0.96	0.945	0.959	0.96	0.945	0.949	0.961	0.947
saheart	0.688	0.689	0.7	0.687	0.692	0.69	0.701	0.693
satimage	0.913	0.908	0.906	0.913	0.908	0.905	0.911	0.907
segment	0.979	0.97	0.975	0.978	0.972	0.965	0.979	0.971
sonar	0.802	0.776	0.805	0.797	0.775	0.769	0.819	0.782
spambase	0.949	0.948	0.949	0.949	0.948	0.945	0.95	0.948
spectfheart	0.813	0.817	0.809	0.814	0.812	0.816	0.813	0.803
splice	0.951	0.961	0.96	0.952	0.961	0.962	0.951	0.961
tae	0.52	0.502	0.53	0.534	0.513	0.502	0.547	0.511
texture	0.991	0.97	0.986	0.991	0.97	0.969	0.992	0.971
thyroid	0.996	0.995	0.994	0.996	0.995	0.995	0.996	0.995
tic-tac-toe	0.981	0.954	0.966	0.981	0.955	0.944	0.979	0.948
titanic	0.786	0.786	0.785	0.786	0.786	0.78	0.784	0.784
twonorm	0.974	0.969	0.974	0.974	0.969	0.96	0.974	0.97
vehicle	0.786	0.746	0.777	0.785	0.75	0.746	0.778	0.742
vowel	0.942	0.915	0.922	0.939	0.909	0.879	0.951	0.925
wdbc	0.965	0.95	0.963	0.965	0.949	0.95	0.968	0.952
wine	0.973	0.975	0.975	0.974	0.974	0.969	0.976	0.976
wisconsin	0.972	0.968	0.975	0.971	0.968	0.971	0.97	0.966
yeast	0.599	0.598	0.61	0.595	0.595	0.603	0.594	0.602
zoo	0.943	0.95	0.941	0.937	0.949	0.937	0.942	0.947

2 G-mean

2.1 5.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.776	0.74	0.757	0.778	0.714	0.742	0.743	0.728
balance	0.702	0.668	0.688	0.65	0.646	0.657	0.696	0.65
banana	0.858	0.834	0.851	0.86	0.829	0.821	0.861	0.834
bands	0.534	0.535	0.522	0.512	0.506	0.535	0.529	0.534
breast	0.545	0.535	0.529	0.558	0.515	0.511	0.547	0.524
bupa	0.526	0.531	0.528	0.507	0.513	0.53	0.52	0.516
car	0.712	0.617	0.614	0.695	0.479	0.571	0.653	0.555
chess	0.931	0.887	0.905	0.927	0.884	0.872	0.933	0.885
cleveland	0.498	0.52	0.514	0.504	0.479	0.506	0.518	0.487
contraceptive	0.566	0.564	0.561	0.55	0.545	0.569	0.56	0.558
crx	0.75	0.76	0.777	0.724	0.757	0.76	0.745	0.785
dermatology	0.878	0.862	0.826	0.85	0.811	0.779	0.888	0.884
flare-solar	0.735	0.73	0.731	0.732	0.72	0.697	0.732	0.732
german	0.565	0.554	0.552	0.558	0.503	0.525	0.558	0.52
haberman	0.6	0.571	0.548	0.576	0.56	0.556	0.576	0.564
hayes-roth	0.57	0.565	0.522	0.539	0.547	0.494	0.548	0.582
heart	0.731	0.716	0.738	0.68	0.641	0.709	0.725	0.709
housevotes	0.892	0.868	0.819	0.834	0.811	0.814	0.897	0.903
ionosphere	0.706	0.665	0.694	0.679	0.624	0.64	0.704	0.642
iris	0.887	0.893	0.781	0.916	0.836	0.797	0.865	0.907
led7digit	0.74	0.751	0.713	0.74	0.71	0.671	0.737	0.746
lymphography	0.688	0.696	0.577	0.644	0.574	0.503	0.654	0.681
mammographic	0.72	0.753	0.741	0.715	0.762	0.782	0.781	0.774
marketing	0.462	0.465	0.467	0.453	0.455	0.466	0.464	0.467
monks	0.791	0.818	0.75	0.824	0.802	0.73	0.702	0.715
movement_libras	0.6	0.555	0.571	0.599	0.55	0.54	0.599	0.554
mushroom	0.981	0.98	0.979	0.98	0.979	0.967	0.985	0.981
newthyroid	0.786	0.713	0.71	0.723	0.672	0.702	0.801	0.756
nursery	0.887	0.757	0.752	0.842	0.721	0.732	0.81	0.733
pageblocks	0.771	0.742	0.719	0.743	0.695	0.677	0.753	0.732
penbased	0.97	0.959	0.964	0.969	0.947	0.956	0.97	0.963
phoneme	0.743	0.728	0.734	0.71	0.695	0.723	0.733	0.727
pima	0.662	0.655	0.663	0.644	0.638	0.661	0.659	0.639
ring	0.918	0.914	0.931	0.898	0.829	0.89	0.923	0.898
saheart	0.602	0.596	0.605	0.591	0.573	0.601	0.601	0.606
satimage	0.89	0.882	0.887	0.881	0.865	0.88	0.886	0.88
segment	0.935	0.916	0.92	0.93	0.902	0.898	0.94	0.919
sonar	0.635	0.616	0.602	0.611	0.51	0.6	0.609	0.558
spambase	0.886	0.892	0.9	0.868	0.881	0.892	0.883	0.892
spectfheart	0.598	0.599	0.575	0.566	0.515	0.597	0.579	0.596
splice	0.875	0.784	0.826	0.86	0.48	0.807	0.863	0.661
tae	0.468	0.495	0.478	0.471	0.462	0.477	0.5	0.51
texture	0.963	0.91	0.952	0.958	0.881	0.911	0.959	0.912
thyroid	0.906	0.777	0.755	0.889	0.682	0.745	0.892	0.799
tic-tac-toe	0.596	0.576	0.585	0.563	0.533	0.574	0.568	0.547
titanic	0.695	0.691	0.697	0.693	0.689	0.65	0.665	0.675
twonorm	0.965	0.95	0.971	0.973	0.928	0.941	0.973	0.957
vehicle	0.72	0.664	0.689	0.671	0.599	0.636	0.691	0.66
vowel	0.6	0.587	0.566	0.564	0.575	0.556	0.581	0.573
wdbc	0.905	0.888	0.917	0.898	0.887	0.91	0.9	0.888
wine	0.869	0.866	0.788	0.81	0.72	0.757	0.927	0.907
wisconsin	0.947	0.934	0.967	0.96	0.905	0.936	0.971	0.943
yeast	0.592	0.554	0.562	0.557	0.481	0.516	0.572	0.534
zoo	0.896	0.889	0.877	0.881	0.887	0.704	0.903	0.919

2.2 10.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.823	0.807	0.822	0.82	0.795	0.817	0.821	0.822
balance	0.716	0.672	0.71	0.681	0.645	0.681	0.701	0.667
banana	0.873	0.866	0.875	0.879	0.864	0.863	0.878	0.868
bands	0.506	0.503	0.503	0.495	0.49	0.501	0.505	0.493
breast	0.576	0.56	0.551	0.563	0.538	0.547	0.558	0.557
bupa	0.58	0.57	0.562	0.526	0.526	0.574	0.529	0.525
car	0.77	0.682	0.695	0.769	0.497	0.637	0.769	0.609
chess	0.954	0.941	0.947	0.947	0.936	0.935	0.95	0.937
cleveland	0.504	0.52	0.512	0.488	0.48	0.503	0.502	0.496
contraceptive	0.575	0.574	0.571	0.56	0.559	0.57	0.578	0.571
crx	0.807	0.82	0.828	0.803	0.807	0.825	0.804	0.816
dermatology	0.94	0.913	0.886	0.917	0.89	0.833	0.936	0.935
flare-solar	0.741	0.737	0.744	0.733	0.728	0.734	0.738	0.738
german	0.59	0.562	0.572	0.568	0.512	0.545	0.567	0.531
haberman	0.557	0.552	0.546	0.533	0.524	0.535	0.556	0.548
hayes-roth	0.624	0.616	0.59	0.6	0.583	0.547	0.596	0.589
heart	0.733	0.742	0.774	0.705	0.693	0.765	0.699	0.742
housevotes	0.935	0.926	0.917	0.935	0.925	0.925	0.916	0.921
ionosphere	0.739	0.775	0.759	0.749	0.79	0.736	0.717	0.752
iris	0.911	0.912	0.864	0.925	0.881	0.843	0.913	0.925
led7digit	0.78	0.787	0.767	0.781	0.788	0.724	0.778	0.792
lymphography	0.702	0.699	0.599	0.677	0.599	0.575	0.678	0.692
mammographic	0.78	0.791	0.807	0.78	0.809	0.818	0.781	0.783
marketing	0.465	0.469	0.471	0.464	0.464	0.467	0.47	0.474
monks	0.9	0.924	0.843	0.925	0.938	0.891	0.918	0.939
movement_libras	0.671	0.599	0.635	0.661	0.591	0.587	0.677	0.622
mushroom	0.992	0.992	0.99	0.993	0.991	0.99	0.995	0.996
newthyroid	0.847	0.837	0.84	0.82	0.78	0.823	0.855	0.855
nursery	0.9	0.795	0.798	0.833	0.733	0.756	0.829	0.751
pageblocks	0.787	0.755	0.718	0.764	0.723	0.705	0.767	0.735
penbased	0.982	0.973	0.977	0.981	0.963	0.97	0.983	0.977
phoneme	0.79	0.777	0.78	0.769	0.745	0.771	0.786	0.772
pima	0.679	0.671	0.675	0.666	0.638	0.653	0.674	0.676
ring	0.937	0.93	0.944	0.92	0.846	0.912	0.937	0.895
saheart	0.623	0.605	0.616	0.608	0.603	0.61	0.606	0.593
satimage	0.9	0.892	0.896	0.885	0.871	0.891	0.893	0.888
segment	0.959	0.947	0.949	0.951	0.937	0.935	0.957	0.942
sonar	0.648	0.672	0.664	0.601	0.564	0.672	0.646	0.598
spambase	0.901	0.907	0.911	0.896	0.899	0.901	0.901	0.907
spectfheart	0.589	0.56	0.566	0.533	0.522	0.561	0.566	0.523
splice	0.905	0.854	0.895	0.9	0.492	0.876	0.91	0.757
tae	0.539	0.536	0.528	0.544	0.533	0.528	0.545	0.537
texture	0.977	0.935	0.967	0.975	0.92	0.935	0.98	0.939
thyroid	0.962	0.897	0.859	0.961	0.791	0.872	0.943	0.854
tic-tac-toe	0.687	0.657	0.659	0.645	0.596	0.65	0.61	0.596
titanic	0.683	0.683	0.681	0.682	0.683	0.676	0.68	0.68
twonorm	0.969	0.956	0.972	0.973	0.948	0.948	0.974	0.964
vehicle	0.776	0.712	0.755	0.756	0.698	0.699	0.751	0.711
vowel	0.691	0.666	0.649	0.675	0.649	0.64	0.675	0.658
wdbc	0.912	0.906	0.924	0.918	0.904	0.911	0.928	0.9
wine	0.926	0.889	0.873	0.886	0.843	0.843	0.914	0.903
wisconsin	0.954	0.944	0.97	0.969	0.922	0.942	0.965	0.949
yeast	0.628	0.589	0.61	0.589	0.538	0.573	0.596	0.554
zoo	0.899	0.898	0.863	0.888	0.892	0.733	0.906	0.907

2.3 15.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.824	0.831	0.841	0.828	0.826	0.835	0.833	0.844
balance	0.742	0.704	0.741	0.723	0.679	0.711	0.744	0.691
banana	0.877	0.873	0.883	0.88	0.872	0.871	0.881	0.874
bands	0.518	0.533	0.535	0.512	0.511	0.556	0.515	0.525
breast	0.574	0.571	0.572	0.563	0.543	0.516	0.576	0.561
bupa	0.61	0.589	0.592	0.547	0.551	0.589	0.553	0.566
car	0.791	0.699	0.717	0.764	0.567	0.66	0.767	0.638
chess	0.962	0.951	0.952	0.959	0.94	0.947	0.956	0.946
cleveland	0.508	0.494	0.495	0.501	0.482	0.496	0.5	0.489
contraceptive	0.582	0.585	0.581	0.57	0.576	0.581	0.588	0.582
crx	0.845	0.854	0.862	0.833	0.847	0.856	0.844	0.86
dermatology	0.958	0.931	0.954	0.942	0.912	0.9	0.945	0.943
flare-solar	0.74	0.746	0.744	0.742	0.745	0.74	0.741	0.745
german	0.604	0.586	0.582	0.561	0.501	0.547	0.571	0.528
haberman	0.589	0.571	0.568	0.606	0.584	0.561	0.584	0.564
hayes-roth	0.661	0.671	0.637	0.626	0.639	0.599	0.635	0.662
heart	0.734	0.749	0.758	0.7	0.72	0.744	0.731	0.748
housevotes	0.947	0.939	0.933	0.949	0.951	0.941	0.932	0.928
ionosphere	0.812	0.826	0.821	0.788	0.854	0.785	0.818	0.838
iris	0.932	0.911	0.899	0.93	0.9	0.889	0.924	0.922
led7digit	0.778	0.786	0.8	0.772	0.779	0.76	0.784	0.8
lymphography	0.734	0.723	0.628	0.622	0.658	0.618	0.677	0.696
mammographic	0.785	0.793	0.814	0.783	0.811	0.823	0.788	0.79
marketing	0.474	0.476	0.482	0.472	0.476	0.48	0.472	0.477
monks	0.932	0.945	0.894	0.954	0.94	0.929	0.941	0.96
movement_libras	0.692	0.613	0.668	0.694	0.609	0.61	0.693	0.621
mushroom	0.995	0.994	0.994	0.995	0.994	0.99	0.996	0.995
newthyroid	0.891	0.854	0.873	0.886	0.843	0.861	0.915	0.87
nursery	0.911	0.796	0.812	0.903	0.742	0.767	0.914	0.767
pageblocks	0.827	0.812	0.777	0.811	0.791	0.766	0.815	0.794
penbased	0.987	0.981	0.984	0.987	0.976	0.979	0.988	0.982
phoneme	0.792	0.777	0.783	0.774	0.744	0.773	0.789	0.774
pima	0.679	0.67	0.675	0.67	0.647	0.656	0.663	0.634
ring	0.94	0.928	0.95	0.924	0.854	0.922	0.939	0.898
saheart	0.623	0.603	0.615	0.609	0.591	0.601	0.597	0.602
satimage	0.907	0.902	0.904	0.894	0.889	0.9	0.903	0.898
segment	0.964	0.958	0.958	0.959	0.951	0.951	0.958	0.952
sonar	0.672	0.668	0.667	0.651	0.607	0.654	0.674	0.645
spambase	0.912	0.913	0.917	0.9	0.908	0.908	0.907	0.91
spectfheart	0.576	0.535	0.544	0.517	0.5	0.55	0.546	0.524
splice	0.929	0.924	0.946	0.921	0.551	0.937	0.928	0.905
tae	0.547	0.55	0.539	0.548	0.549	0.526	0.514	0.524
texture	0.983	0.952	0.976	0.981	0.938	0.95	0.983	0.95
thyroid	0.967	0.939	0.915	0.964	0.889	0.938	0.97	0.921
tic-tac-toe	0.713	0.683	0.684	0.666	0.602	0.674	0.666	0.627
titanic	0.691	0.692	0.689	0.689	0.692	0.684	0.685	0.686
twonorm	0.97	0.961	0.973	0.974	0.953	0.954	0.974	0.966
vehicle	0.798	0.768	0.789	0.766	0.737	0.754	0.791	0.748
vowel	0.74	0.71	0.706	0.727	0.706	0.688	0.74	0.711
wdbc	0.945	0.924	0.939	0.934	0.91	0.924	0.938	0.915
wine	0.947	0.916	0.926	0.965	0.926	0.912	0.959	0.917
wisconsin	0.955	0.927	0.972	0.964	0.915	0.934	0.964	0.945
yeast	0.63	0.6	0.613	0.626	0.582	0.586	0.627	0.595
zoo	0.888	0.889	0.857	0.885	0.895	0.751	0.907	0.905

2.4 20.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.846	0.846	0.851	0.851	0.837	0.847	0.856	0.842
balance	0.765	0.715	0.756	0.76	0.681	0.718	0.765	0.702
banana	0.879	0.877	0.884	0.884	0.879	0.877	0.883	0.881
bands	0.57	0.554	0.571	0.572	0.542	0.572	0.569	0.546
breast	0.568	0.579	0.582	0.574	0.565	0.55	0.577	0.577
bupa	0.617	0.601	0.597	0.568	0.569	0.601	0.579	0.565
car	0.834	0.714	0.737	0.832	0.629	0.678	0.822	0.665
chess	0.965	0.957	0.96	0.964	0.951	0.954	0.966	0.956
cleveland	0.523	0.507	0.504	0.502	0.463	0.496	0.499	0.484
contraceptive	0.595	0.596	0.597	0.596	0.594	0.603	0.597	0.597
crx	0.848	0.848	0.856	0.839	0.833	0.854	0.842	0.844
dermatology	0.949	0.943	0.944	0.929	0.937	0.922	0.941	0.942
flare-solar	0.739	0.734	0.749	0.735	0.737	0.744	0.741	0.743
german	0.605	0.582	0.588	0.583	0.504	0.555	0.591	0.528
haberman	0.573	0.552	0.561	0.559	0.558	0.561	0.563	0.564
hayes-roth	0.636	0.658	0.615	0.608	0.592	0.591	0.6	0.611
heart	0.758	0.771	0.787	0.736	0.759	0.765	0.757	0.75
housevotes	0.945	0.93	0.931	0.932	0.935	0.927	0.951	0.917
ionosphere	0.838	0.82	0.833	0.845	0.851	0.816	0.819	0.815
iris	0.955	0.951	0.941	0.964	0.948	0.929	0.96	0.951
led7digit	0.798	0.812	0.812	0.795	0.816	0.792	0.802	0.818
lymphography	0.65	0.615	0.602	0.637	0.576	0.579	0.648	0.628
mammographic	0.783	0.794	0.812	0.777	0.801	0.827	0.79	0.799
marketing	0.479	0.481	0.486	0.477	0.48	0.484	0.476	0.479
monks	0.963	0.968	0.935	0.971	0.973	0.968	0.944	0.947
movement_libras	0.718	0.649	0.697	0.718	0.637	0.634	0.718	0.65
mushroom	0.998	0.997	0.997	0.999	0.998	0.994	0.998	0.997
newthyroid	0.9	0.887	0.886	0.849	0.858	0.888	0.896	0.854
nursery	0.909	0.795	0.816	0.905	0.752	0.773	0.916	0.772
pageblocks	0.853	0.823	0.797	0.839	0.809	0.803	0.848	0.828
penbased	0.99	0.985	0.987	0.99	0.981	0.983	0.991	0.985
phoneme	0.818	0.804	0.811	0.807	0.781	0.794	0.816	0.797
pima	0.704	0.69	0.702	0.69	0.678	0.683	0.657	0.648
ring	0.949	0.939	0.953	0.93	0.87	0.93	0.942	0.911
saheart	0.62	0.615	0.624	0.618	0.603	0.616	0.623	0.595
satimage	0.911	0.909	0.908	0.903	0.898	0.906	0.909	0.904
segment	0.97	0.962	0.966	0.967	0.953	0.957	0.967	0.959
sonar	0.719	0.706	0.706	0.679	0.63	0.694	0.684	0.702
spambase	0.917	0.92	0.924	0.906	0.914	0.916	0.912	0.917
spectfheart	0.619	0.571	0.572	0.526	0.5	0.591	0.529	0.508
splice	0.947	0.932	0.946	0.936	0.693	0.939	0.94	0.927
tae	0.562	0.537	0.543	0.562	0.541	0.553	0.565	0.556
texture	0.985	0.959	0.979	0.985	0.949	0.958	0.986	0.959
thyroid	0.969	0.934	0.907	0.965	0.905	0.938	0.984	0.952
tic-tac-toe	0.758	0.712	0.72	0.707	0.618	0.708	0.708	0.65
titanic	0.684	0.686	0.68	0.682	0.683	0.657	0.673	0.681
twonorm	0.972	0.963	0.973	0.974	0.957	0.957	0.975	0.966
vehicle	0.818	0.788	0.807	0.795	0.765	0.785	0.805	0.761
vowel	0.789	0.765	0.752	0.782	0.753	0.728	0.775	0.742
wdbc	0.935	0.907	0.935	0.925	0.899	0.92	0.935	0.915
wine	0.959	0.948	0.959	0.97	0.967	0.954	0.963	0.95
wisconsin	0.966	0.957	0.975	0.97	0.951	0.955	0.963	0.954
yeast	0.642	0.63	0.631	0.633	0.61	0.623	0.637	0.604
zoo	0.905	0.918	0.882	0.906	0.907	0.844	0.918	0.933

2.5 30.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.847	0.841	0.851	0.849	0.842	0.845	0.854	0.846
balance	0.769	0.725	0.761	0.761	0.705	0.726	0.761	0.713
banana	0.879	0.88	0.886	0.883	0.878	0.882	0.883	0.881
bands	0.561	0.56	0.556	0.539	0.528	0.553	0.555	0.534
breast	0.574	0.58	0.583	0.563	0.562	0.543	0.568	0.552
bupa	0.634	0.636	0.636	0.605	0.576	0.621	0.606	0.596
car	0.866	0.761	0.799	0.862	0.698	0.706	0.857	0.701
chess	0.977	0.965	0.97	0.975	0.959	0.961	0.975	0.961
cleveland	0.522	0.506	0.516	0.528	0.508	0.496	0.519	0.48
contraceptive	0.592	0.597	0.599	0.597	0.598	0.601	0.599	0.599
crx	0.852	0.86	0.863	0.844	0.857	0.865	0.852	0.863
dermatology	0.973	0.965	0.974	0.961	0.958	0.955	0.96	0.956
flare-solar	0.752	0.751	0.754	0.75	0.754	0.747	0.749	0.75
german	0.614	0.59	0.596	0.6	0.514	0.563	0.6	0.545
haberman	0.586	0.576	0.581	0.568	0.565	0.55	0.593	0.568
hayes-roth	0.733	0.743	0.711	0.724	0.726	0.657	0.706	0.698
heart	0.777	0.788	0.793	0.765	0.766	0.799	0.777	0.771
housevotes	0.944	0.936	0.942	0.944	0.941	0.938	0.949	0.939
ionosphere	0.875	0.896	0.868	0.87	0.899	0.878	0.877	0.89
iris	0.945	0.955	0.948	0.961	0.943	0.946	0.953	0.951
led7digit	0.811	0.824	0.822	0.809	0.816	0.821	0.812	0.819
lymphography	0.655	0.68	0.66	0.684	0.667	0.642	0.646	0.631
mammographic	0.778	0.783	0.814	0.781	0.797	0.825	0.785	0.802
marketing	0.476	0.48	0.486	0.477	0.48	0.489	0.477	0.484
monks	0.976	0.972	0.965	0.973	0.975	0.973	0.981	0.973
movement_libras	0.781	0.711	0.757	0.783	0.695	0.706	0.775	0.707
mushroom	0.999	0.999	0.998	0.999	0.999	0.997	0.999	0.999
newthyroid	0.928	0.894	0.898	0.915	0.885	0.897	0.898	0.865
nursery	0.947	0.814	0.838	0.925	0.776	0.79	0.923	0.793
pageblocks	0.834	0.815	0.804	0.823	0.809	0.794	0.828	0.813
penbased	0.992	0.988	0.99	0.992	0.986	0.986	0.993	0.988
phoneme	0.829	0.815	0.82	0.818	0.799	0.806	0.825	0.809
pima	0.697	0.685	0.699	0.681	0.673	0.681	0.691	0.683
ring	0.952	0.936	0.956	0.94	0.883	0.934	0.947	0.912
saheart	0.62	0.616	0.624	0.619	0.591	0.603	0.631	0.594
satimage	0.919	0.914	0.915	0.913	0.907	0.913	0.914	0.911
segment	0.976	0.971	0.972	0.975	0.967	0.966	0.973	0.965
sonar	0.706	0.708	0.71	0.703	0.664	0.714	0.716	0.688
spambase	0.929	0.928	0.931	0.918	0.921	0.924	0.924	0.925
spectfheart	0.607	0.568	0.575	0.549	0.504	0.601	0.549	0.503
splice	0.949	0.951	0.958	0.942	0.873	0.954	0.946	0.952
tae	0.572	0.553	0.577	0.576	0.572	0.542	0.533	0.55
texture	0.989	0.966	0.984	0.988	0.96	0.966	0.99	0.966
thyroid	0.98	0.964	0.942	0.975	0.95	0.958	0.979	0.957
tic-tac-toe	0.811	0.761	0.773	0.768	0.675	0.748	0.788	0.712
titanic	0.687	0.692	0.69	0.688	0.688	0.674	0.693	0.694
twonorm	0.973	0.965	0.974	0.973	0.961	0.959	0.974	0.967
vehicle	0.827	0.797	0.816	0.805	0.779	0.79	0.805	0.784
vowel	0.85	0.815	0.811	0.841	0.817	0.787	0.834	0.803
wdbc	0.952	0.929	0.951	0.945	0.927	0.931	0.944	0.926
wine	0.952	0.947	0.95	0.957	0.949	0.95	0.968	0.966
wisconsin	0.966	0.954	0.974	0.97	0.955	0.954	0.966	0.957
yeast	0.645	0.628	0.637	0.641	0.607	0.61	0.647	0.618
zoo	0.898	0.893	0.853	0.906	0.907	0.842	0.905	0.932

2.6 40.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.858	0.859	0.865	0.858	0.862	0.859	0.861	0.861
balance	0.79	0.728	0.772	0.776	0.713	0.727	0.781	0.716
banana	0.882	0.884	0.891	0.885	0.886	0.887	0.884	0.886
bands	0.577	0.576	0.571	0.571	0.561	0.582	0.578	0.546
breast	0.577	0.589	0.584	0.568	0.57	0.568	0.585	0.583
bupa	0.669	0.645	0.651	0.639	0.612	0.632	0.645	0.621
car	0.899	0.803	0.835	0.897	0.753	0.754	0.894	0.756
chess	0.981	0.971	0.978	0.981	0.967	0.966	0.981	0.971
cleveland	0.512	0.502	0.508	0.515	0.506	0.498	0.521	0.504
contraceptive	0.608	0.615	0.619	0.614	0.62	0.619	0.616	0.616
crx	0.856	0.872	0.878	0.857	0.87	0.876	0.863	0.867
dermatology	0.961	0.969	0.965	0.954	0.968	0.96	0.956	0.964
flare-solar	0.755	0.75	0.754	0.745	0.751	0.75	0.756	0.753
german	0.628	0.597	0.61	0.61	0.537	0.568	0.611	0.556
haberman	0.581	0.581	0.576	0.574	0.575	0.563	0.583	0.591
hayes-roth	0.746	0.755	0.71	0.729	0.736	0.666	0.729	0.747
heart	0.778	0.784	0.79	0.755	0.771	0.776	0.76	0.77
housevotes	0.962	0.959	0.959	0.962	0.964	0.959	0.964	0.954
ionosphere	0.902	0.892	0.892	0.892	0.892	0.873	0.888	0.892
iris	0.968	0.955	0.96	0.962	0.954	0.951	0.965	0.957
led7digit	0.806	0.814	0.815	0.801	0.813	0.83	0.808	0.813
lymphography	0.719	0.72	0.674	0.714	0.684	0.639	0.691	0.678
mammographic	0.797	0.805	0.827	0.801	0.815	0.837	0.786	0.795
marketing	0.482	0.485	0.495	0.483	0.488	0.494	0.476	0.484
monks	0.983	0.978	0.977	0.981	0.977	0.976	0.982	0.978
movement_libras	0.806	0.739	0.781	0.801	0.736	0.731	0.798	0.723
mushroom	0.999	0.999	0.998	0.999	0.999	0.998	0.999	0.999
newthyroid	0.926	0.903	0.919	0.917	0.891	0.908	0.905	0.884
nursery	0.945	0.829	0.852	0.933	0.798	0.804	0.944	0.812
pageblocks	0.869	0.85	0.831	0.862	0.847	0.823	0.866	0.846
penbased	0.994	0.99	0.992	0.993	0.988	0.988	0.994	0.989
phoneme	0.84	0.827	0.828	0.83	0.815	0.816	0.835	0.825
pima	0.693	0.698	0.696	0.692	0.686	0.686	0.716	0.704
ring	0.952	0.937	0.955	0.943	0.893	0.935	0.947	0.917
saheart	0.642	0.62	0.642	0.631	0.62	0.629	0.639	0.614
satimage	0.922	0.917	0.917	0.916	0.912	0.915	0.918	0.914
segment	0.98	0.976	0.977	0.979	0.974	0.97	0.979	0.971
sonar	0.75	0.731	0.745	0.735	0.702	0.724	0.739	0.735
spambase	0.929	0.931	0.933	0.922	0.927	0.927	0.925	0.928
spectfheart	0.625	0.57	0.614	0.563	0.502	0.587	0.572	0.527
splice	0.955	0.956	0.961	0.95	0.924	0.958	0.956	0.955
tae	0.562	0.555	0.575	0.562	0.561	0.573	0.59	0.578
texture	0.991	0.972	0.986	0.99	0.968	0.971	0.991	0.972
thyroid	0.981	0.971	0.954	0.98	0.962	0.972	0.984	0.974
tic-tac-toe	0.876	0.805	0.802	0.849	0.732	0.794	0.856	0.774
titanic	0.685	0.688	0.692	0.687	0.686	0.679	0.682	0.683
twonorm	0.974	0.967	0.974	0.974	0.963	0.959	0.975	0.968
vehicle	0.836	0.812	0.83	0.824	0.799	0.808	0.822	0.799
vowel	0.876	0.854	0.851	0.875	0.85	0.826	0.874	0.851
wdbc	0.946	0.928	0.943	0.942	0.925	0.929	0.953	0.933
wine	0.958	0.964	0.971	0.963	0.967	0.961	0.976	0.972
wisconsin	0.972	0.966	0.978	0.976	0.964	0.966	0.969	0.96
yeast	0.677	0.653	0.676	0.678	0.644	0.647	0.665	0.646
zoo	0.906	0.922	0.89	0.915	0.916	0.879	0.923	0.939

2.7 50.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.854	0.853	0.86	0.856	0.854	0.854	0.856	0.859
balance	0.788	0.739	0.776	0.788	0.734	0.745	0.782	0.735
banana	0.881	0.886	0.891	0.886	0.886	0.887	0.885	0.887
bands	0.604	0.602	0.6	0.589	0.578	0.585	0.59	0.578
breast	0.633	0.619	0.611	0.607	0.602	0.586	0.613	0.615
bupa	0.68	0.669	0.687	0.669	0.655	0.673	0.664	0.635
car	0.931	0.825	0.867	0.924	0.791	0.772	0.919	0.791
chess	0.986	0.975	0.981	0.987	0.972	0.968	0.987	0.972
cleveland	0.518	0.511	0.515	0.508	0.5	0.503	0.515	0.498
contraceptive	0.603	0.604	0.607	0.604	0.609	0.614	0.603	0.609
crx	0.86	0.864	0.866	0.857	0.865	0.868	0.857	0.869
dermatology	0.965	0.976	0.979	0.961	0.968	0.973	0.962	0.975
flare-solar	0.75	0.753	0.752	0.751	0.747	0.743	0.75	0.747
german	0.638	0.612	0.606	0.618	0.553	0.571	0.622	0.567
haberman	0.544	0.559	0.538	0.552	0.556	0.549	0.56	0.547
hayes-roth	0.772	0.787	0.733	0.765	0.777	0.716	0.769	0.774
heart	0.789	0.798	0.807	0.774	0.782	0.792	0.783	0.791
housevotes	0.949	0.948	0.939	0.949	0.95	0.943	0.949	0.944
ionosphere	0.907	0.89	0.9	0.903	0.904	0.881	0.9	0.897
iris	0.964	0.96	0.963	0.968	0.958	0.954	0.969	0.961
led7digit	0.816	0.824	0.828	0.817	0.822	0.836	0.818	0.825
lymphography	0.706	0.721	0.693	0.691	0.656	0.661	0.693	0.697
mammographic	0.773	0.781	0.809	0.773	0.787	0.827	0.789	0.797
marketing	0.488	0.489	0.496	0.486	0.488	0.493	0.482	0.486
monks	0.986	0.98	0.979	0.985	0.978	0.974	0.991	0.978
movement_libras	0.842	0.766	0.821	0.841	0.759	0.756	0.831	0.761
mushroom	1.0	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.936	0.907	0.932	0.931	0.912	0.904	0.93	0.915
nursery	0.936	0.835	0.857	0.935	0.813	0.809	0.947	0.822
pageblocks	0.878	0.862	0.85	0.873	0.855	0.835	0.87	0.86
penbased	0.995	0.991	0.993	0.995	0.99	0.99	0.995	0.991
phoneme	0.845	0.835	0.837	0.844	0.831	0.825	0.846	0.833
pima	0.709	0.695	0.707	0.706	0.69	0.692	0.71	0.699
ring	0.955	0.94	0.958	0.949	0.907	0.942	0.952	0.924
saheart	0.635	0.629	0.639	0.625	0.614	0.61	0.648	0.631
satimage	0.926	0.919	0.919	0.92	0.915	0.917	0.92	0.915
segment	0.982	0.977	0.978	0.982	0.975	0.972	0.979	0.973
sonar	0.774	0.744	0.765	0.766	0.733	0.767	0.751	0.74
spambase	0.936	0.935	0.936	0.93	0.93	0.93	0.932	0.932
spectfheart	0.632	0.579	0.582	0.58	0.536	0.601	0.586	0.533
splice	0.957	0.962	0.964	0.954	0.951	0.965	0.955	0.962
tae	0.571	0.552	0.566	0.566	0.563	0.568	0.604	0.588
texture	0.992	0.977	0.988	0.992	0.974	0.975	0.992	0.974
thyroid	0.98	0.97	0.958	0.978	0.965	0.974	0.981	0.977
tic-tac-toe	0.912	0.845	0.85	0.896	0.791	0.822	0.892	0.804
titanic	0.693	0.692	0.695	0.693	0.694	0.683	0.689	0.688
twonorm	0.974	0.968	0.975	0.974	0.966	0.961	0.974	0.967
vehicle	0.841	0.812	0.831	0.827	0.81	0.806	0.828	0.803
vowel	0.908	0.885	0.882	0.907	0.884	0.855	0.907	0.884
wdbc	0.951	0.936	0.948	0.949	0.928	0.932	0.958	0.94
wine	0.973	0.975	0.98	0.973	0.975	0.971	0.981	0.978
wisconsin	0.97	0.96	0.975	0.973	0.959	0.964	0.97	0.965
yeast	0.68	0.658	0.684	0.679	0.667	0.665	0.669	0.634
zoo	0.923	0.933	0.899	0.919	0.938	0.875	0.9	0.934

2.8 60.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.854	0.863	0.863	0.852	0.865	0.861	0.856	0.865
balance	0.795	0.743	0.774	0.786	0.737	0.746	0.779	0.734
banana	0.881	0.886	0.892	0.884	0.888	0.889	0.884	0.888
bands	0.617	0.602	0.617	0.605	0.58	0.591	0.591	0.579
breast	0.605	0.62	0.618	0.603	0.615	0.608	0.606	0.622
bupa	0.681	0.657	0.659	0.657	0.647	0.655	0.656	0.64
car	0.938	0.829	0.882	0.933	0.819	0.783	0.932	0.813
chess	0.988	0.978	0.983	0.989	0.977	0.974	0.988	0.976
cleveland	0.526	0.516	0.529	0.532	0.524	0.512	0.524	0.522
contraceptive	0.608	0.612	0.616	0.607	0.61	0.614	0.61	0.612
crx	0.865	0.872	0.872	0.861	0.874	0.871	0.861	0.871
dermatology	0.968	0.975	0.977	0.965	0.973	0.974	0.967	0.973
flare-solar	0.756	0.756	0.754	0.755	0.757	0.746	0.755	0.756
german	0.641	0.615	0.628	0.63	0.587	0.596	0.633	0.587
haberman	0.554	0.558	0.538	0.572	0.561	0.547	0.549	0.573
hayes-roth	0.824	0.828	0.793	0.814	0.812	0.752	0.8	0.824
heart	0.812	0.815	0.828	0.812	0.807	0.803	0.813	0.808
housevotes	0.959	0.959	0.965	0.959	0.965	0.96	0.962	0.961
ionosphere	0.916	0.905	0.912	0.919	0.908	0.896	0.918	0.904
iris	0.965	0.96	0.964	0.966	0.96	0.96	0.969	0.959
led7digit	0.809	0.814	0.824	0.809	0.818	0.827	0.81	0.814
lymphography	0.745	0.727	0.724	0.721	0.706	0.668	0.716	0.689
mammographic	0.783	0.787	0.816	0.785	0.795	0.83	0.782	0.786
marketing	0.485	0.489	0.497	0.484	0.487	0.498	0.481	0.484
monks	0.99	0.986	0.985	0.993	0.979	0.976	0.993	0.976
movement_libras	0.857	0.791	0.835	0.857	0.784	0.771	0.858	0.771
mushroom	0.999	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.945	0.936	0.947	0.943	0.932	0.929	0.941	0.921
nursery	0.951	0.848	0.87	0.961	0.837	0.822	0.939	0.837
pageblocks	0.892	0.875	0.871	0.895	0.875	0.856	0.893	0.877
penbased	0.995	0.992	0.994	0.995	0.992	0.991	0.995	0.991
phoneme	0.853	0.841	0.842	0.853	0.838	0.833	0.85	0.842
pima	0.712	0.709	0.722	0.711	0.709	0.708	0.714	0.697
ring	0.957	0.94	0.958	0.953	0.919	0.944	0.954	0.928
saheart	0.628	0.638	0.641	0.631	0.628	0.63	0.634	0.629
satimage	0.928	0.924	0.922	0.925	0.92	0.922	0.926	0.92
segment	0.984	0.979	0.982	0.984	0.978	0.976	0.983	0.975
sonar	0.751	0.742	0.761	0.75	0.736	0.738	0.771	0.76
spambase	0.94	0.937	0.938	0.937	0.934	0.933	0.938	0.934
spectfheart	0.654	0.599	0.618	0.638	0.558	0.614	0.617	0.546
splice	0.956	0.962	0.965	0.954	0.954	0.965	0.956	0.961
tae	0.607	0.571	0.617	0.61	0.591	0.593	0.61	0.609
texture	0.993	0.978	0.99	0.993	0.977	0.979	0.994	0.978
thyroid	0.987	0.978	0.966	0.986	0.977	0.982	0.985	0.984
tic-tac-toe	0.93	0.866	0.884	0.926	0.824	0.86	0.932	0.838
titanic	0.687	0.687	0.686	0.688	0.687	0.676	0.685	0.684
twonorm	0.974	0.968	0.975	0.974	0.967	0.961	0.974	0.969
vehicle	0.841	0.819	0.834	0.838	0.818	0.815	0.84	0.814
vowel	0.929	0.899	0.906	0.921	0.902	0.874	0.932	0.909
wdbc	0.958	0.943	0.956	0.955	0.936	0.943	0.961	0.945
wine	0.97	0.971	0.977	0.975	0.978	0.972	0.979	0.987
wisconsin	0.968	0.962	0.974	0.97	0.963	0.962	0.968	0.958
yeast	0.682	0.668	0.687	0.69	0.668	0.654	0.679	0.659
zoo	0.913	0.928	0.913	0.912	0.928	0.912	0.905	0.931

2.9 70.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.855	0.862	0.867	0.854	0.859	0.865	0.858	0.859
balance	0.792	0.743	0.776	0.794	0.745	0.747	0.79	0.744
banana	0.882	0.885	0.892	0.885	0.888	0.889	0.884	0.887
bands	0.616	0.61	0.602	0.61	0.594	0.598	0.603	0.582
breast	0.608	0.623	0.623	0.613	0.616	0.582	0.614	0.618
bupa	0.677	0.676	0.666	0.668	0.671	0.67	0.669	0.655
car	0.932	0.846	0.903	0.929	0.843	0.811	0.928	0.825
chess	0.99	0.98	0.985	0.99	0.978	0.976	0.99	0.978
cleveland	0.523	0.516	0.508	0.522	0.511	0.505	0.517	0.499
contraceptive	0.603	0.603	0.616	0.608	0.609	0.62	0.606	0.607
crx	0.863	0.87	0.872	0.862	0.872	0.871	0.862	0.873
dermatology	0.97	0.975	0.979	0.971	0.972	0.979	0.97	0.978
flare-solar	0.751	0.754	0.753	0.757	0.754	0.749	0.754	0.75
german	0.649	0.619	0.636	0.634	0.599	0.595	0.638	0.599
haberman	0.563	0.573	0.549	0.563	0.565	0.569	0.559	0.562
hayes-roth	0.834	0.836	0.813	0.836	0.834	0.76	0.831	0.834
heart	0.789	0.791	0.815	0.789	0.793	0.799	0.79	0.802
housevotes	0.959	0.966	0.965	0.958	0.964	0.965	0.961	0.96
ionosphere	0.917	0.915	0.92	0.915	0.912	0.903	0.915	0.91
iris	0.969	0.962	0.964	0.971	0.965	0.957	0.97	0.965
led7digit	0.825	0.824	0.834	0.823	0.826	0.841	0.823	0.828
lymphography	0.75	0.731	0.718	0.737	0.695	0.696	0.745	0.701
mammographic	0.774	0.788	0.819	0.779	0.791	0.834	0.776	0.784
marketing	0.487	0.49	0.498	0.489	0.49	0.497	0.486	0.492
monks	0.994	0.985	0.983	0.993	0.984	0.975	0.99	0.978
movement_libras	0.875	0.799	0.855	0.88	0.804	0.78	0.881	0.803
mushroom	1.0	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.956	0.948	0.951	0.951	0.945	0.937	0.944	0.931
nursery	0.943	0.852	0.876	0.943	0.843	0.827	0.933	0.845
pageblocks	0.887	0.875	0.868	0.889	0.871	0.848	0.891	0.874
penbased	0.996	0.993	0.994	0.996	0.992	0.991	0.995	0.992
phoneme	0.859	0.845	0.849	0.856	0.847	0.837	0.854	0.844
pima	0.704	0.71	0.711	0.705	0.71	0.704	0.72	0.708
ring	0.957	0.94	0.959	0.954	0.927	0.943	0.956	0.932
saheart	0.642	0.629	0.651	0.653	0.634	0.628	0.636	0.629
satimage	0.93	0.925	0.925	0.927	0.922	0.923	0.928	0.922
segment	0.985	0.981	0.982	0.984	0.98	0.977	0.984	0.978
sonar	0.769	0.747	0.773	0.769	0.748	0.74	0.772	0.755
spambase	0.94	0.94	0.94	0.939	0.937	0.935	0.939	0.936
spectfheart	0.641	0.585	0.606	0.623	0.564	0.619	0.604	0.531
splice	0.961	0.965	0.967	0.96	0.957	0.967	0.96	0.962
tae	0.601	0.594	0.616	0.596	0.587	0.604	0.618	0.617
texture	0.994	0.98	0.991	0.994	0.979	0.98	0.994	0.979
thyroid	0.989	0.982	0.97	0.987	0.982	0.985	0.989	0.982
tic-tac-toe	0.958	0.893	0.909	0.956	0.868	0.88	0.951	0.866
titanic	0.688	0.688	0.689	0.688	0.688	0.674	0.685	0.686
twonorm	0.974	0.969	0.975	0.975	0.967	0.96	0.975	0.969
vehicle	0.848	0.823	0.841	0.845	0.82	0.816	0.843	0.814
vowel	0.944	0.919	0.923	0.94	0.919	0.901	0.941	0.92
wdbc	0.96	0.943	0.959	0.957	0.941	0.946	0.96	0.94
wine	0.972	0.976	0.98	0.975	0.982	0.974	0.98	0.983
wisconsin	0.968	0.965	0.974	0.97	0.965	0.965	0.971	0.964
yeast	0.697	0.678	0.708	0.692	0.67	0.677	0.689	0.674
zoo	0.92	0.933	0.912	0.917	0.941	0.899	0.915	0.934

2.10 80.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.854	0.859	0.864	0.854	0.865	0.862	0.854	0.86
balance	0.796	0.744	0.776	0.798	0.749	0.752	0.791	0.741
banana	0.884	0.888	0.895	0.886	0.889	0.892	0.886	0.89
bands	0.628	0.625	0.622	0.632	0.618	0.6	0.626	0.599
breast	0.594	0.615	0.619	0.601	0.619	0.586	0.589	0.608
bupa	0.69	0.688	0.685	0.679	0.67	0.695	0.678	0.677
car	0.943	0.861	0.916	0.945	0.856	0.821	0.941	0.847
chess	0.99	0.983	0.988	0.991	0.983	0.978	0.99	0.982
cleveland	0.528	0.51	0.513	0.525	0.52	0.505	0.523	0.504
contraceptive	0.602	0.608	0.614	0.608	0.604	0.623	0.603	0.609
crx	0.865	0.871	0.877	0.867	0.872	0.871	0.862	0.87
dermatology	0.974	0.976	0.979	0.97	0.979	0.979	0.974	0.979
flare-solar	0.757	0.755	0.753	0.759	0.752	0.747	0.757	0.752
german	0.651	0.624	0.634	0.65	0.617	0.592	0.648	0.622
haberman	0.569	0.572	0.542	0.567	0.556	0.545	0.566	0.551
hayes-roth	0.847	0.857	0.809	0.848	0.862	0.782	0.844	0.858
heart	0.785	0.799	0.813	0.794	0.796	0.81	0.782	0.795
housevotes	0.964	0.966	0.967	0.963	0.966	0.967	0.962	0.964
ionosphere	0.924	0.915	0.921	0.921	0.915	0.897	0.918	0.914
iris	0.97	0.965	0.97	0.969	0.962	0.955	0.968	0.964
led7digit	0.819	0.824	0.832	0.818	0.824	0.843	0.819	0.825
lymphography	0.699	0.717	0.698	0.716	0.713	0.67	0.685	0.655
mammographic	0.781	0.796	0.818	0.783	0.794	0.833	0.785	0.795
marketing	0.489	0.491	0.501	0.487	0.491	0.5	0.484	0.489
monks	0.994	0.987	0.985	0.994	0.985	0.975	0.994	0.988
movement_libras	0.882	0.823	0.868	0.88	0.818	0.794	0.889	0.819
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.953	0.94	0.946	0.945	0.943	0.907	0.946	0.935
nursery	0.933	0.857	0.88	0.965	0.852	0.831	0.944	0.851
pageblocks	0.902	0.881	0.875	0.899	0.877	0.861	0.898	0.883
penbased	0.996	0.993	0.995	0.996	0.993	0.992	0.996	0.993
phoneme	0.866	0.858	0.856	0.87	0.856	0.846	0.866	0.854
pima	0.705	0.71	0.717	0.71	0.711	0.704	0.713	0.711
ring	0.958	0.943	0.959	0.956	0.934	0.947	0.956	0.936
saheart	0.636	0.642	0.64	0.649	0.651	0.637	0.646	0.63
satimage	0.932	0.927	0.926	0.93	0.925	0.923	0.93	0.924
segment	0.986	0.981	0.983	0.986	0.981	0.977	0.985	0.981
sonar	0.784	0.757	0.773	0.78	0.756	0.762	0.783	0.758
spambase	0.941	0.939	0.941	0.941	0.939	0.935	0.942	0.939
spectfheart	0.631	0.587	0.595	0.633	0.574	0.601	0.631	0.549
splice	0.96	0.967	0.967	0.959	0.962	0.966	0.96	0.964
tae	0.601	0.589	0.612	0.598	0.597	0.584	0.623	0.614
texture	0.995	0.982	0.991	0.994	0.981	0.981	0.995	0.981
thyroid	0.988	0.982	0.974	0.986	0.983	0.985	0.988	0.987
tic-tac-toe	0.968	0.921	0.927	0.969	0.904	0.91	0.951	0.878
titanic	0.688	0.685	0.694	0.688	0.687	0.674	0.684	0.685
twonorm	0.974	0.969	0.975	0.975	0.967	0.961	0.974	0.969
vehicle	0.85	0.826	0.844	0.848	0.824	0.819	0.845	0.818
vowel	0.951	0.93	0.934	0.951	0.931	0.908	0.957	0.938
wdbc	0.961	0.942	0.957	0.958	0.938	0.945	0.962	0.946
wine	0.978	0.985	0.988	0.979	0.978	0.98	0.983	0.983
wisconsin	0.971	0.965	0.977	0.969	0.964	0.968	0.968	0.962
yeast	0.69	0.676	0.698	0.692	0.673	0.675	0.686	0.671
zoo	0.898	0.933	0.925	0.911	0.935	0.907	0.922	0.94

2.11 90.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.86	0.864	0.871	0.859	0.871	0.863	0.862	0.868
balance	0.803	0.741	0.778	0.803	0.741	0.749	0.802	0.743
banana	0.883	0.888	0.894	0.882	0.888	0.891	0.883	0.888
bands	0.638	0.625	0.629	0.644	0.622	0.614	0.628	0.625
breast	0.592	0.611	0.606	0.588	0.599	0.579	0.585	0.608
bupa	0.689	0.679	0.672	0.68	0.672	0.688	0.682	0.673
car	0.951	0.874	0.92	0.95	0.867	0.834	0.946	0.874
chess	0.992	0.983	0.989	0.992	0.983	0.977	0.992	0.983
cleveland	0.516	0.503	0.507	0.514	0.513	0.501	0.501	0.509
contraceptive	0.602	0.607	0.614	0.606	0.608	0.62	0.608	0.61
crx	0.864	0.873	0.872	0.866	0.872	0.867	0.863	0.873
dermatology	0.974	0.977	0.98	0.97	0.978	0.975	0.97	0.976
flare-solar	0.759	0.754	0.758	0.759	0.76	0.749	0.758	0.756
german	0.645	0.622	0.638	0.644	0.627	0.593	0.642	0.627
haberman	0.566	0.582	0.556	0.562	0.577	0.56	0.567	0.579
hayes-roth	0.868	0.87	0.841	0.865	0.872	0.839	0.869	0.876
heart	0.803	0.806	0.825	0.811	0.804	0.808	0.806	0.802
housevotes	0.96	0.965	0.964	0.96	0.964	0.965	0.957	0.963
ionosphere	0.921	0.919	0.922	0.924	0.914	0.903	0.923	0.912
iris	0.971	0.961	0.969	0.969	0.958	0.956	0.968	0.958
led7digit	0.823	0.826	0.832	0.82	0.825	0.838	0.821	0.823
lymphography	0.68	0.661	0.657	0.688	0.689	0.681	0.693	0.667
mammographic	0.779	0.792	0.822	0.78	0.791	0.832	0.788	0.794
marketing	0.486	0.492	0.501	0.486	0.492	0.499	0.484	0.489
monks	0.999	0.988	0.984	1.0	0.986	0.976	0.995	0.988
movement_libras	0.899	0.826	0.877	0.895	0.828	0.806	0.896	0.826
mushroom	1.0	1.0	0.999	1.0	1.0	1.0	1.0	1.0
newthyroid	0.95	0.951	0.95	0.95	0.944	0.929	0.947	0.934
nursery	0.976	0.858	0.882	0.955	0.857	0.833	0.944	0.857
pageblocks	0.902	0.881	0.884	0.905	0.879	0.866	0.902	0.88
penbased	0.996	0.994	0.995	0.996	0.994	0.992	0.996	0.993
phoneme	0.871	0.861	0.86	0.87	0.861	0.85	0.871	0.862
pima	0.715	0.717	0.718	0.72	0.714	0.713	0.713	0.706
ring	0.959	0.944	0.96	0.959	0.942	0.949	0.959	0.941
saheart	0.628	0.622	0.633	0.631	0.623	0.628	0.644	0.631
satimage	0.933	0.929	0.928	0.932	0.927	0.925	0.932	0.927
segment	0.987	0.982	0.985	0.987	0.982	0.979	0.986	0.982
sonar	0.791	0.767	0.796	0.797	0.757	0.765	0.795	0.767
spambase	0.944	0.941	0.943	0.944	0.942	0.936	0.943	0.94
spectfheart	0.622	0.588	0.587	0.621	0.582	0.608	0.619	0.585
splice	0.962	0.966	0.969	0.962	0.966	0.967	0.962	0.965
tae	0.612	0.615	0.647	0.614	0.617	0.608	0.653	0.651
texture	0.995	0.983	0.991	0.995	0.982	0.982	0.995	0.983
thyroid	0.991	0.984	0.976	0.991	0.984	0.987	0.987	0.987
tic-tac-toe	0.973	0.924	0.947	0.976	0.929	0.914	0.97	0.917
titanic	0.689	0.689	0.691	0.689	0.687	0.681	0.687	0.687
twonorm	0.974	0.967	0.975	0.974	0.969	0.961	0.974	0.969
vehicle	0.853	0.826	0.841	0.85	0.828	0.825	0.85	0.823
vowel	0.962	0.944	0.948	0.96	0.944	0.922	0.962	0.944
wdbc	0.96	0.945	0.955	0.962	0.94	0.945	0.961	0.949
wine	0.979	0.983	0.989	0.981	0.981	0.977	0.984	0.989
wisconsin	0.971	0.968	0.977	0.97	0.964	0.97	0.967	0.962
yeast	0.706	0.698	0.716	0.706	0.697	0.698	0.699	0.681
zoo	0.925	0.945	0.941	0.917	0.942	0.918	0.905	0.941

2.12 99.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.858	0.866	0.868	0.857	0.867	0.865	0.856	0.87
balance	0.806	0.745	0.779	0.801	0.741	0.749	0.805	0.748
banana	0.883	0.888	0.895	0.884	0.887	0.89	0.883	0.888
bands	0.642	0.639	0.638	0.646	0.622	0.617	0.652	0.621
breast	0.605	0.614	0.614	0.595	0.626	0.589	0.595	0.62
bupa	0.684	0.69	0.682	0.691	0.686	0.694	0.685	0.683
car	0.957	0.886	0.935	0.956	0.89	0.838	0.959	0.882
chess	0.993	0.985	0.989	0.993	0.984	0.979	0.992	0.985
cleveland	0.515	0.497	0.51	0.519	0.519	0.499	0.516	0.514
contraceptive	0.603	0.606	0.616	0.606	0.608	0.624	0.602	0.608
crx	0.869	0.873	0.872	0.869	0.876	0.874	0.868	0.874
dermatology	0.975	0.976	0.98	0.977	0.979	0.979	0.976	0.979
flare-solar	0.757	0.756	0.756	0.761	0.753	0.746	0.756	0.75
german	0.66	0.633	0.646	0.66	0.632	0.609	0.662	0.635
haberman	0.56	0.573	0.555	0.559	0.572	0.565	0.57	0.583
hayes-roth	0.869	0.87	0.84	0.866	0.876	0.834	0.833	0.861
heart	0.803	0.802	0.821	0.804	0.814	0.81	0.814	0.8
housevotes	0.961	0.965	0.968	0.964	0.968	0.966	0.964	0.964
ionosphere	0.928	0.915	0.925	0.926	0.918	0.905	0.932	0.915
iris	0.967	0.963	0.969	0.969	0.962	0.964	0.969	0.966
led7digit	0.821	0.825	0.83	0.822	0.826	0.839	0.819	0.824
lymphography	0.695	0.67	0.709	0.707	0.689	0.667	0.731	0.752
mammographic	0.778	0.788	0.822	0.78	0.789	0.833	0.782	0.796
marketing	0.49	0.494	0.502	0.491	0.493	0.501	0.487	0.49
monks	0.998	0.989	0.989	1.0	0.986	0.976	1.0	0.989
movement_libras	0.901	0.84	0.89	0.903	0.836	0.818	0.902	0.823
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.951	0.952	0.947	0.951	0.95	0.92	0.949	0.95
nursery	0.945	0.864	0.885	0.955	0.863	0.839	0.966	0.865
pageblocks	0.907	0.89	0.891	0.909	0.891	0.872	0.908	0.889
penbased	0.996	0.994	0.995	0.996	0.994	0.993	0.996	0.994
phoneme	0.873	0.863	0.862	0.871	0.863	0.85	0.873	0.864
pima	0.711	0.718	0.718	0.715	0.71	0.722	0.722	0.71
ring	0.96	0.945	0.959	0.96	0.945	0.949	0.961	0.947
saheart	0.626	0.624	0.639	0.625	0.631	0.623	0.646	0.634
satimage	0.934	0.929	0.928	0.934	0.929	0.927	0.932	0.929
segment	0.988	0.983	0.985	0.987	0.983	0.979	0.988	0.983
sonar	0.796	0.769	0.799	0.792	0.769	0.76	0.813	0.776
spambase	0.945	0.943	0.944	0.945	0.943	0.939	0.947	0.943
spectfheart	0.657	0.614	0.609	0.653	0.599	0.638	0.639	0.574
splice	0.963	0.967	0.968	0.964	0.966	0.97	0.963	0.967
tae	0.628	0.613	0.635	0.639	0.622	0.613	0.649	0.62
texture	0.995	0.984	0.992	0.995	0.983	0.983	0.995	0.984
thyroid	0.989	0.985	0.979	0.99	0.987	0.99	0.992	0.986
tic-tac-toe	0.975	0.939	0.954	0.976	0.94	0.928	0.973	0.931
titanic	0.687	0.687	0.689	0.687	0.687	0.679	0.687	0.687
twonorm	0.974	0.969	0.974	0.974	0.969	0.96	0.974	0.97
vehicle	0.856	0.828	0.849	0.855	0.831	0.828	0.85	0.825
vowel	0.968	0.953	0.956	0.966	0.949	0.932	0.973	0.958
wdbc	0.961	0.943	0.959	0.96	0.943	0.945	0.964	0.946
wine	0.982	0.983	0.983	0.982	0.983	0.979	0.984	0.984
wisconsin	0.972	0.966	0.977	0.971	0.966	0.971	0.969	0.964
yeast	0.712	0.69	0.713	0.71	0.693	0.688	0.703	0.693
zoo	0.93	0.939	0.925	0.925	0.935	0.92	0.927	0.933

3 F1-score

3.1 5.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.772	0.728	0.746	0.771	0.684	0.726	0.731	0.705
balance	0.57	0.524	0.541	0.501	0.498	0.507	0.561	0.508
banana	0.86	0.836	0.853	0.862	0.831	0.824	0.863	0.837
bands	0.49	0.485	0.462	0.444	0.395	0.485	0.489	0.463
breast	0.524	0.499	0.482	0.528	0.459	0.461	0.508	0.477
bupa	0.472	0.471	0.46	0.43	0.428	0.454	0.454	0.433
car	0.551	0.462	0.454	0.533	0.27	0.376	0.487	0.384
chess	0.931	0.887	0.905	0.927	0.883	0.871	0.933	0.885
cleveland	0.251	0.272	0.252	0.256	0.226	0.251	0.268	0.241
contraceptive	0.432	0.431	0.425	0.411	0.406	0.431	0.424	0.422
crx	0.742	0.744	0.764	0.71	0.728	0.744	0.727	0.767
dermatology	0.784	0.746	0.664	0.742	0.649	0.593	0.798	0.776
flare-solar	0.563	0.553	0.555	0.554	0.533	0.486	0.555	0.554
german	0.56	0.533	0.532	0.551	0.423	0.476	0.553	0.472
haberman	0.571	0.54	0.509	0.548	0.507	0.519	0.541	0.52
hayes-roth	0.451	0.428	0.33	0.383	0.396	0.276	0.402	0.461
heart	0.719	0.704	0.724	0.66	0.592	0.695	0.709	0.685
housevotes	0.891	0.859	0.787	0.828	0.783	0.782	0.896	0.901
ionosphere	0.702	0.646	0.68	0.667	0.557	0.609	0.694	0.604
iris	0.846	0.852	0.644	0.881	0.76	0.676	0.812	0.865
led7digit	0.544	0.553	0.481	0.544	0.483	0.386	0.536	0.549
lymphography	0.493	0.544	0.386	0.47	0.375	0.271	0.464	0.502
mammographic	0.713	0.748	0.734	0.708	0.758	0.778	0.779	0.77
marketing	0.228	0.228	0.224	0.214	0.203	0.217	0.225	0.223
monks	0.783	0.807	0.73	0.816	0.778	0.701	0.686	0.692
movement_libras	0.368	0.303	0.303	0.359	0.293	0.267	0.34	0.292
mushroom	0.982	0.982	0.981	0.981	0.981	0.971	0.986	0.983
newthyroid	0.757	0.637	0.602	0.688	0.587	0.6	0.786	0.713
nursery	0.724	0.606	0.597	0.678	0.533	0.558	0.665	0.557
pageblocks	0.647	0.617	0.597	0.618	0.538	0.538	0.628	0.613
penbased	0.947	0.927	0.936	0.945	0.905	0.922	0.946	0.934
phoneme	0.751	0.738	0.744	0.721	0.706	0.736	0.741	0.736
pima	0.651	0.639	0.648	0.626	0.607	0.647	0.652	0.633
ring	0.918	0.913	0.931	0.898	0.825	0.89	0.924	0.897
saheart	0.589	0.574	0.581	0.562	0.543	0.574	0.578	0.594
satimage	0.823	0.812	0.82	0.811	0.78	0.81	0.818	0.809
segment	0.889	0.855	0.862	0.881	0.83	0.823	0.897	0.861
sonar	0.611	0.573	0.563	0.541	0.355	0.545	0.544	0.465
spambase	0.888	0.896	0.904	0.87	0.89	0.897	0.884	0.899
spectfheart	0.558	0.541	0.537	0.519	0.453	0.533	0.55	0.541
splice	0.826	0.733	0.787	0.806	0.248	0.76	0.811	0.544
tae	0.291	0.323	0.253	0.288	0.263	0.234	0.316	0.32
texture	0.933	0.84	0.914	0.925	0.787	0.839	0.926	0.843
thyroid	0.874	0.751	0.742	0.854	0.61	0.712	0.859	0.774
tic-tac-toe	0.589	0.558	0.566	0.549	0.469	0.551	0.562	0.515
titanic	0.706	0.7	0.708	0.704	0.697	0.65	0.675	0.687
twonorm	0.965	0.95	0.971	0.973	0.928	0.941	0.973	0.957
vehicle	0.588	0.506	0.536	0.51	0.409	0.463	0.532	0.487
vowel	0.363	0.34	0.311	0.316	0.321	0.293	0.338	0.321
wdbc	0.907	0.892	0.914	0.903	0.893	0.914	0.908	0.895
wine	0.815	0.808	0.657	0.709	0.557	0.612	0.895	0.86
wisconsin	0.95	0.94	0.961	0.96	0.915	0.941	0.969	0.948
yeast	0.367	0.348	0.334	0.332	0.256	0.282	0.335	0.295
zoo	0.784	0.764	0.762	0.755	0.777	0.472	0.812	0.845

3.2 10.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.822	0.807	0.822	0.816	0.789	0.819	0.82	0.822
balance	0.585	0.531	0.562	0.535	0.499	0.533	0.564	0.529
banana	0.874	0.867	0.877	0.88	0.865	0.866	0.879	0.87
bands	0.493	0.48	0.476	0.453	0.422	0.474	0.474	0.443
breast	0.557	0.535	0.521	0.548	0.475	0.5	0.544	0.533
bupa	0.555	0.539	0.523	0.45	0.46	0.544	0.482	0.476
car	0.632	0.564	0.577	0.623	0.309	0.48	0.628	0.454
chess	0.954	0.942	0.948	0.948	0.937	0.936	0.95	0.938
cleveland	0.269	0.284	0.27	0.257	0.241	0.259	0.265	0.238
contraceptive	0.45	0.447	0.441	0.422	0.413	0.433	0.452	0.438
crx	0.806	0.82	0.827	0.8	0.804	0.826	0.801	0.813
dermatology	0.905	0.859	0.798	0.87	0.808	0.703	0.896	0.889
flare-solar	0.578	0.572	0.578	0.566	0.557	0.552	0.573	0.574
german	0.582	0.541	0.551	0.547	0.436	0.507	0.55	0.468
haberman	0.546	0.538	0.519	0.514	0.484	0.499	0.529	0.519
hayes-roth	0.515	0.506	0.441	0.472	0.452	0.372	0.471	0.461
heart	0.728	0.736	0.772	0.697	0.676	0.763	0.693	0.735
housevotes	0.933	0.924	0.915	0.932	0.922	0.923	0.914	0.919
ionosphere	0.739	0.781	0.758	0.747	0.789	0.734	0.719	0.752
iris	0.879	0.88	0.797	0.898	0.826	0.762	0.881	0.897
led7digit	0.619	0.623	0.578	0.62	0.624	0.481	0.616	0.635
lymphography	0.55	0.551	0.406	0.528	0.424	0.378	0.515	0.575
mammographic	0.78	0.791	0.806	0.779	0.809	0.817	0.78	0.779
marketing	0.232	0.233	0.231	0.23	0.223	0.219	0.236	0.236
monks	0.9	0.923	0.842	0.924	0.936	0.889	0.916	0.938
movement_libras	0.449	0.339	0.375	0.429	0.331	0.318	0.45	0.373
mushroom	0.992	0.992	0.99	0.993	0.991	0.99	0.996	0.997
newthyroid	0.821	0.82	0.815	0.796	0.75	0.786	0.858	0.858
nursery	0.777	0.654	0.676	0.694	0.551	0.598	0.716	0.588
pageblocks	0.69	0.661	0.613	0.668	0.602	0.589	0.677	0.637
penbased	0.967	0.952	0.959	0.966	0.934	0.946	0.969	0.958
phoneme	0.792	0.781	0.785	0.773	0.749	0.777	0.788	0.776
pima	0.679	0.673	0.677	0.66	0.624	0.654	0.675	0.678
ring	0.937	0.93	0.944	0.92	0.842	0.912	0.937	0.894
saheart	0.619	0.601	0.61	0.601	0.588	0.602	0.591	0.566
satimage	0.838	0.827	0.833	0.816	0.786	0.826	0.828	0.819
segment	0.929	0.908	0.913	0.916	0.891	0.888	0.928	0.901
sonar	0.633	0.656	0.643	0.564	0.478	0.663	0.604	0.541
spambase	0.904	0.912	0.916	0.9	0.906	0.907	0.904	0.913
spectfheart	0.563	0.525	0.528	0.475	0.455	0.522	0.54	0.485
splice	0.87	0.829	0.875	0.861	0.276	0.853	0.873	0.696
tae	0.387	0.387	0.357	0.391	0.352	0.337	0.392	0.381
texture	0.958	0.885	0.94	0.955	0.857	0.884	0.964	0.891
thyroid	0.94	0.884	0.858	0.939	0.755	0.867	0.92	0.849
tic-tac-toe	0.689	0.661	0.662	0.644	0.573	0.65	0.61	0.584
titanic	0.697	0.698	0.694	0.696	0.697	0.69	0.695	0.696
twonorm	0.969	0.956	0.972	0.973	0.948	0.948	0.974	0.964
vehicle	0.669	0.586	0.636	0.623	0.553	0.567	0.619	0.565
vowel	0.492	0.457	0.434	0.467	0.43	0.419	0.465	0.434
wdbc	0.912	0.909	0.924	0.924	0.907	0.915	0.928	0.903
wine	0.9	0.844	0.809	0.829	0.746	0.755	0.882	0.861
wisconsin	0.955	0.947	0.966	0.967	0.928	0.945	0.964	0.951
yeast	0.414	0.373	0.383	0.373	0.325	0.337	0.386	0.323
zoo	0.79	0.788	0.72	0.769	0.78	0.506	0.801	0.812

3.3 15.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.821	0.832	0.84	0.827	0.828	0.836	0.831	0.844
balance	0.613	0.565	0.6	0.58	0.533	0.574	0.612	0.546
banana	0.877	0.874	0.885	0.881	0.873	0.873	0.882	0.875
bands	0.506	0.516	0.517	0.486	0.467	0.543	0.497	0.468
breast	0.573	0.565	0.561	0.557	0.5	0.456	0.569	0.535
bupa	0.598	0.575	0.575	0.507	0.518	0.574	0.523	0.545
car	0.653	0.566	0.581	0.62	0.411	0.503	0.622	0.491
chess	0.962	0.952	0.953	0.96	0.941	0.947	0.957	0.946
cleveland	0.283	0.262	0.26	0.277	0.244	0.258	0.266	0.245
contraceptive	0.458	0.462	0.457	0.443	0.445	0.454	0.467	0.458
crx	0.843	0.852	0.86	0.829	0.845	0.855	0.842	0.858
dermatology	0.933	0.886	0.922	0.908	0.845	0.823	0.911	0.896
flare-solar	0.577	0.584	0.578	0.579	0.579	0.561	0.577	0.582
german	0.605	0.583	0.578	0.551	0.414	0.52	0.565	0.479
haberman	0.585	0.567	0.566	0.605	0.576	0.547	0.583	0.554
hayes-roth	0.576	0.592	0.538	0.53	0.54	0.467	0.538	0.582
heart	0.726	0.745	0.751	0.69	0.709	0.738	0.724	0.744
housevotes	0.946	0.938	0.932	0.948	0.951	0.94	0.931	0.926
ionosphere	0.819	0.834	0.825	0.793	0.857	0.789	0.828	0.845
iris	0.906	0.874	0.852	0.9	0.854	0.838	0.895	0.888
led7digit	0.626	0.632	0.654	0.62	0.623	0.556	0.63	0.654
lymphography	0.581	0.592	0.45	0.45	0.514	0.427	0.529	0.567
mammographic	0.784	0.792	0.814	0.782	0.811	0.823	0.788	0.789
marketing	0.243	0.243	0.246	0.24	0.241	0.241	0.239	0.24
monks	0.932	0.945	0.894	0.954	0.938	0.928	0.939	0.96
movement_libras	0.475	0.365	0.425	0.471	0.362	0.351	0.475	0.376
mushroom	0.996	0.995	0.995	0.996	0.995	0.991	0.997	0.995
newthyroid	0.876	0.832	0.853	0.879	0.812	0.827	0.912	0.859
nursery	0.801	0.664	0.692	0.797	0.563	0.618	0.821	0.618
pageblocks	0.746	0.734	0.696	0.738	0.701	0.674	0.742	0.702
penbased	0.977	0.965	0.972	0.976	0.957	0.962	0.979	0.968
phoneme	0.796	0.784	0.789	0.778	0.753	0.782	0.793	0.78
pima	0.678	0.67	0.673	0.667	0.64	0.653	0.665	0.621
ring	0.94	0.928	0.95	0.924	0.851	0.922	0.939	0.897
saheart	0.624	0.603	0.615	0.605	0.575	0.598	0.592	0.592
satimage	0.852	0.843	0.846	0.833	0.822	0.841	0.845	0.838
segment	0.938	0.928	0.929	0.931	0.917	0.917	0.929	0.919
sonar	0.666	0.658	0.657	0.63	0.553	0.639	0.668	0.628
spambase	0.914	0.918	0.921	0.904	0.914	0.913	0.91	0.916
spectfheart	0.569	0.513	0.527	0.472	0.443	0.54	0.517	0.486
splice	0.893	0.909	0.93	0.882	0.387	0.921	0.891	0.89
tae	0.401	0.402	0.371	0.399	0.388	0.355	0.357	0.366
texture	0.97	0.914	0.957	0.965	0.89	0.911	0.97	0.91
thyroid	0.944	0.922	0.916	0.944	0.872	0.922	0.952	0.908
tic-tac-toe	0.719	0.688	0.69	0.669	0.583	0.676	0.672	0.618
titanic	0.707	0.707	0.704	0.704	0.707	0.698	0.699	0.7
twonorm	0.97	0.961	0.973	0.974	0.953	0.954	0.974	0.966
vehicle	0.694	0.646	0.676	0.629	0.591	0.622	0.675	0.607
vowel	0.561	0.519	0.509	0.541	0.513	0.481	0.561	0.514
wdbc	0.948	0.929	0.941	0.938	0.915	0.929	0.937	0.918
wine	0.926	0.881	0.891	0.951	0.888	0.868	0.948	0.884
wisconsin	0.955	0.934	0.969	0.962	0.923	0.938	0.963	0.948
yeast	0.412	0.38	0.383	0.416	0.359	0.345	0.419	0.372
zoo	0.769	0.776	0.702	0.769	0.788	0.521	0.819	0.816

3.4 20.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.845	0.847	0.851	0.849	0.837	0.848	0.853	0.842
balance	0.633	0.575	0.609	0.619	0.537	0.573	0.63	0.562
banana	0.88	0.878	0.886	0.885	0.88	0.879	0.884	0.882
bands	0.557	0.543	0.559	0.552	0.506	0.561	0.555	0.519
breast	0.567	0.573	0.571	0.567	0.534	0.519	0.572	0.561
bupa	0.615	0.599	0.594	0.56	0.566	0.597	0.572	0.557
car	0.736	0.588	0.616	0.735	0.491	0.517	0.722	0.514
chess	0.965	0.958	0.96	0.964	0.951	0.954	0.966	0.957
cleveland	0.301	0.28	0.268	0.27	0.227	0.27	0.264	0.244
contraceptive	0.476	0.478	0.479	0.476	0.473	0.483	0.478	0.479
crx	0.849	0.85	0.857	0.84	0.836	0.856	0.844	0.845
dermatology	0.92	0.908	0.902	0.891	0.895	0.865	0.908	0.898
flare-solar	0.575	0.567	0.585	0.567	0.567	0.571	0.576	0.576
german	0.608	0.574	0.585	0.576	0.425	0.534	0.589	0.477
haberman	0.56	0.536	0.538	0.535	0.532	0.538	0.538	0.545
hayes-roth	0.533	0.561	0.485	0.492	0.467	0.459	0.48	0.499
heart	0.757	0.772	0.786	0.734	0.759	0.766	0.755	0.749
housevotes	0.944	0.93	0.93	0.931	0.934	0.926	0.95	0.915
ionosphere	0.854	0.835	0.848	0.859	0.862	0.831	0.834	0.828
iris	0.939	0.934	0.919	0.952	0.929	0.9	0.946	0.934
led7digit	0.656	0.672	0.672	0.65	0.68	0.618	0.661	0.682
lymphography	0.487	0.427	0.421	0.483	0.378	0.38	0.478	0.439
mammographic	0.782	0.793	0.811	0.776	0.8	0.826	0.789	0.799
marketing	0.248	0.248	0.25	0.245	0.244	0.244	0.245	0.246
monks	0.962	0.967	0.934	0.969	0.972	0.967	0.943	0.947
movement_libras	0.513	0.42	0.477	0.514	0.398	0.386	0.504	0.409
mushroom	0.999	0.998	0.998	0.999	0.999	0.995	0.998	0.997
newthyroid	0.899	0.883	0.884	0.846	0.836	0.869	0.901	0.852
nursery	0.806	0.668	0.702	0.816	0.583	0.629	0.836	0.625
pageblocks	0.79	0.755	0.73	0.781	0.734	0.738	0.786	0.769
penbased	0.982	0.972	0.977	0.982	0.966	0.97	0.984	0.973
phoneme	0.818	0.807	0.813	0.807	0.785	0.799	0.816	0.799
pima	0.706	0.692	0.703	0.691	0.681	0.686	0.653	0.641
ring	0.949	0.939	0.953	0.93	0.868	0.929	0.942	0.91
saheart	0.617	0.607	0.618	0.611	0.586	0.609	0.617	0.579
satimage	0.856	0.853	0.853	0.846	0.838	0.851	0.854	0.847
segment	0.949	0.935	0.942	0.945	0.921	0.928	0.944	0.931
sonar	0.712	0.696	0.694	0.645	0.563	0.677	0.662	0.686
spambase	0.919	0.924	0.928	0.909	0.92	0.922	0.915	0.922
spectfheart	0.624	0.566	0.567	0.493	0.443	0.584	0.498	0.459
splice	0.92	0.918	0.931	0.908	0.623	0.924	0.91	0.914
tae	0.424	0.394	0.399	0.423	0.395	0.394	0.433	0.409
texture	0.973	0.926	0.962	0.973	0.909	0.924	0.974	0.926
thyroid	0.955	0.923	0.913	0.952	0.898	0.926	0.964	0.936
tic-tac-toe	0.767	0.723	0.732	0.717	0.612	0.717	0.719	0.654
titanic	0.698	0.7	0.693	0.696	0.696	0.668	0.686	0.698
twonorm	0.972	0.963	0.973	0.974	0.957	0.957	0.975	0.966
vehicle	0.725	0.676	0.703	0.678	0.631	0.67	0.692	0.627
vowel	0.638	0.6	0.577	0.625	0.578	0.541	0.618	0.569
wdbc	0.938	0.912	0.937	0.928	0.905	0.923	0.938	0.92
wine	0.944	0.931	0.941	0.958	0.955	0.936	0.948	0.929
wisconsin	0.965	0.957	0.971	0.967	0.952	0.956	0.962	0.954
yeast	0.433	0.424	0.413	0.426	0.4	0.401	0.43	0.382
zoo	0.806	0.83	0.776	0.815	0.823	0.709	0.847	0.879

3.5 30.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.848	0.844	0.853	0.848	0.845	0.849	0.853	0.849
balance	0.638	0.586	0.614	0.615	0.563	0.586	0.619	0.57
banana	0.88	0.881	0.887	0.884	0.879	0.883	0.883	0.882
bands	0.551	0.543	0.534	0.514	0.491	0.535	0.533	0.485
breast	0.573	0.576	0.581	0.561	0.542	0.509	0.564	0.531
bupa	0.632	0.63	0.629	0.591	0.55	0.613	0.595	0.576
car	0.792	0.655	0.708	0.785	0.575	0.551	0.776	0.556
chess	0.977	0.965	0.97	0.974	0.959	0.961	0.975	0.961
cleveland	0.305	0.284	0.294	0.311	0.291	0.274	0.307	0.247
contraceptive	0.473	0.479	0.481	0.479	0.479	0.482	0.481	0.481
crx	0.85	0.86	0.861	0.842	0.855	0.864	0.849	0.861
dermatology	0.957	0.943	0.957	0.938	0.933	0.921	0.938	0.919
flare-solar	0.599	0.598	0.596	0.593	0.6	0.58	0.592	0.597
german	0.617	0.586	0.594	0.6	0.446	0.543	0.602	0.51
haberman	0.579	0.571	0.568	0.558	0.547	0.527	0.592	0.559
hayes-roth	0.667	0.693	0.639	0.655	0.673	0.571	0.635	0.628
heart	0.774	0.787	0.79	0.76	0.76	0.799	0.771	0.768
housevotes	0.942	0.934	0.94	0.942	0.939	0.936	0.947	0.937
ionosphere	0.888	0.904	0.879	0.884	0.905	0.887	0.889	0.899
iris	0.926	0.94	0.931	0.948	0.923	0.927	0.937	0.934
led7digit	0.68	0.7	0.691	0.677	0.683	0.685	0.679	0.691
lymphography	0.494	0.537	0.503	0.544	0.519	0.464	0.489	0.454
mammographic	0.778	0.782	0.813	0.781	0.797	0.825	0.785	0.802
marketing	0.246	0.248	0.252	0.246	0.247	0.251	0.247	0.252
monks	0.976	0.972	0.964	0.972	0.974	0.972	0.981	0.973
movement_libras	0.61	0.501	0.564	0.611	0.477	0.493	0.596	0.507
mushroom	0.999	0.999	0.999	0.999	0.999	0.998	0.999	0.999
newthyroid	0.929	0.888	0.9	0.915	0.876	0.892	0.896	0.861
nursery	0.864	0.699	0.732	0.835	0.632	0.66	0.843	0.664
pageblocks	0.778	0.753	0.75	0.765	0.739	0.731	0.771	0.752
penbased	0.986	0.978	0.982	0.985	0.974	0.975	0.988	0.979
phoneme	0.831	0.82	0.824	0.82	0.803	0.812	0.826	0.812
pima	0.702	0.693	0.705	0.686	0.68	0.689	0.698	0.692
ring	0.952	0.936	0.956	0.939	0.881	0.934	0.947	0.911
saheart	0.623	0.617	0.626	0.621	0.579	0.602	0.632	0.581
satimage	0.869	0.862	0.864	0.862	0.852	0.861	0.863	0.858
segment	0.96	0.951	0.953	0.957	0.945	0.943	0.954	0.941
sonar	0.704	0.703	0.705	0.697	0.643	0.71	0.711	0.679
spambase	0.93	0.931	0.934	0.92	0.926	0.928	0.927	0.929
spectfheart	0.613	0.563	0.57	0.529	0.452	0.607	0.539	0.452
splice	0.923	0.939	0.943	0.915	0.858	0.939	0.919	0.94
tae	0.439	0.42	0.448	0.445	0.434	0.398	0.395	0.415
texture	0.98	0.94	0.971	0.978	0.929	0.939	0.981	0.939
thyroid	0.965	0.947	0.941	0.961	0.937	0.944	0.961	0.937
tic-tac-toe	0.823	0.775	0.789	0.779	0.68	0.76	0.802	0.727
titanic	0.704	0.709	0.706	0.704	0.704	0.687	0.709	0.71
twonorm	0.973	0.965	0.974	0.973	0.961	0.959	0.974	0.967
vehicle	0.737	0.689	0.717	0.696	0.653	0.675	0.7	0.659
vowel	0.738	0.681	0.674	0.723	0.683	0.635	0.712	0.661
wdbc	0.954	0.931	0.952	0.948	0.93	0.933	0.946	0.93
wine	0.938	0.931	0.934	0.944	0.933	0.933	0.955	0.952
wisconsin	0.964	0.956	0.969	0.967	0.955	0.955	0.965	0.958
yeast	0.449	0.427	0.428	0.442	0.398	0.392	0.445	0.407
zoo	0.794	0.783	0.684	0.803	0.819	0.67	0.829	0.879

3.6 40.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.857	0.86	0.866	0.857	0.863	0.861	0.86	0.862
balance	0.668	0.587	0.628	0.639	0.567	0.58	0.654	0.573
banana	0.882	0.884	0.891	0.885	0.886	0.888	0.884	0.886
bands	0.572	0.568	0.559	0.557	0.536	0.575	0.568	0.516
breast	0.577	0.587	0.582	0.567	0.558	0.554	0.586	0.58
bupa	0.669	0.643	0.649	0.635	0.601	0.63	0.643	0.616
car	0.83	0.713	0.751	0.822	0.645	0.612	0.824	0.638
chess	0.981	0.972	0.978	0.981	0.968	0.967	0.981	0.971
cleveland	0.297	0.28	0.281	0.297	0.288	0.27	0.299	0.278
contraceptive	0.491	0.502	0.508	0.5	0.508	0.506	0.502	0.504
crx	0.854	0.87	0.875	0.854	0.868	0.875	0.86	0.865
dermatology	0.937	0.95	0.943	0.927	0.949	0.937	0.929	0.941
flare-solar	0.605	0.595	0.599	0.586	0.596	0.582	0.603	0.597
german	0.634	0.598	0.615	0.613	0.495	0.553	0.617	0.528
haberman	0.581	0.581	0.575	0.574	0.574	0.555	0.584	0.593
hayes-roth	0.688	0.71	0.634	0.666	0.686	0.59	0.666	0.698
heart	0.774	0.779	0.786	0.75	0.764	0.774	0.754	0.764
housevotes	0.961	0.958	0.958	0.961	0.963	0.958	0.964	0.952
ionosphere	0.913	0.902	0.902	0.905	0.898	0.885	0.901	0.902
iris	0.957	0.94	0.947	0.949	0.938	0.934	0.953	0.942
led7digit	0.674	0.684	0.686	0.666	0.683	0.708	0.676	0.681
lymphography	0.586	0.587	0.512	0.572	0.521	0.458	0.546	0.532
mammographic	0.796	0.805	0.826	0.801	0.815	0.837	0.786	0.795
marketing	0.251	0.253	0.261	0.252	0.255	0.257	0.246	0.252
monks	0.982	0.977	0.975	0.98	0.975	0.975	0.981	0.976
movement_libras	0.655	0.551	0.61	0.645	0.546	0.536	0.634	0.518
mushroom	0.999	0.999	0.999	0.999	0.999	0.998	0.999	0.999
newthyroid	0.925	0.905	0.922	0.916	0.893	0.914	0.908	0.886
nursery	0.883	0.721	0.75	0.867	0.674	0.684	0.881	0.697
pageblocks	0.815	0.797	0.775	0.809	0.792	0.766	0.812	0.793
penbased	0.988	0.982	0.986	0.988	0.979	0.979	0.989	0.981
phoneme	0.842	0.831	0.832	0.832	0.819	0.824	0.836	0.828
pima	0.697	0.704	0.701	0.694	0.692	0.693	0.722	0.713
ring	0.952	0.937	0.955	0.943	0.892	0.935	0.947	0.916
saheart	0.644	0.62	0.644	0.631	0.617	0.631	0.638	0.607
satimage	0.874	0.867	0.867	0.866	0.859	0.864	0.868	0.862
segment	0.967	0.959	0.96	0.964	0.955	0.949	0.964	0.95
sonar	0.75	0.728	0.744	0.733	0.695	0.72	0.738	0.732
spambase	0.931	0.935	0.936	0.925	0.931	0.931	0.927	0.932
spectfheart	0.63	0.569	0.62	0.555	0.446	0.591	0.564	0.491
splice	0.933	0.944	0.947	0.927	0.912	0.944	0.934	0.943
tae	0.429	0.421	0.439	0.428	0.429	0.442	0.458	0.447
texture	0.984	0.95	0.975	0.982	0.943	0.948	0.984	0.949
thyroid	0.969	0.956	0.951	0.968	0.947	0.956	0.969	0.953
tic-tac-toe	0.888	0.822	0.82	0.863	0.748	0.804	0.867	0.794
titanic	0.701	0.704	0.706	0.703	0.702	0.693	0.698	0.699
twonorm	0.974	0.967	0.974	0.974	0.963	0.959	0.975	0.968
vehicle	0.752	0.712	0.74	0.73	0.686	0.705	0.731	0.691
vowel	0.782	0.747	0.74	0.781	0.738	0.699	0.779	0.74
wdbc	0.95	0.933	0.947	0.947	0.93	0.933	0.956	0.936
wine	0.943	0.95	0.96	0.949	0.954	0.946	0.968	0.961
wisconsin	0.97	0.965	0.973	0.972	0.963	0.965	0.967	0.96
yeast	0.494	0.466	0.487	0.495	0.453	0.44	0.482	0.45
zoo	0.821	0.851	0.779	0.844	0.834	0.755	0.851	0.884

3.7 50.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.855	0.855	0.861	0.855	0.856	0.857	0.856	0.861
balance	0.663	0.599	0.63	0.66	0.594	0.606	0.648	0.598
banana	0.882	0.886	0.893	0.887	0.887	0.889	0.885	0.888
bands	0.601	0.597	0.593	0.579	0.564	0.575	0.581	0.563
breast	0.639	0.624	0.61	0.609	0.6	0.566	0.614	0.619
bupa	0.681	0.669	0.688	0.667	0.652	0.671	0.663	0.632
car	0.886	0.747	0.802	0.873	0.7	0.654	0.865	0.692
chess	0.987	0.976	0.981	0.987	0.973	0.968	0.987	0.973
cleveland	0.3	0.288	0.294	0.286	0.273	0.279	0.295	0.269
contraceptive	0.487	0.488	0.492	0.486	0.493	0.5	0.486	0.493
crx	0.859	0.864	0.865	0.857	0.865	0.868	0.856	0.868
dermatology	0.944	0.962	0.965	0.939	0.951	0.957	0.939	0.96
flare-solar	0.596	0.602	0.596	0.598	0.591	0.571	0.597	0.592
german	0.645	0.616	0.611	0.623	0.525	0.558	0.628	0.547
haberman	0.539	0.556	0.522	0.545	0.544	0.534	0.555	0.531
hayes-roth	0.715	0.746	0.661	0.705	0.734	0.657	0.71	0.731
heart	0.789	0.798	0.807	0.774	0.783	0.793	0.782	0.792
housevotes	0.948	0.948	0.938	0.948	0.95	0.943	0.949	0.943
ionosphere	0.916	0.899	0.909	0.912	0.911	0.893	0.911	0.904
iris	0.952	0.946	0.95	0.957	0.944	0.938	0.959	0.948
led7digit	0.687	0.7	0.705	0.688	0.697	0.719	0.689	0.701
lymphography	0.568	0.591	0.541	0.537	0.485	0.483	0.552	0.544
mammographic	0.773	0.78	0.809	0.772	0.786	0.827	0.789	0.797
marketing	0.257	0.256	0.261	0.254	0.256	0.255	0.253	0.255
monks	0.986	0.979	0.978	0.984	0.977	0.972	0.99	0.977
movement_libras	0.715	0.593	0.678	0.713	0.584	0.577	0.693	0.589
mushroom	1.0	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.932	0.912	0.933	0.931	0.916	0.904	0.931	0.915
nursery	0.866	0.729	0.756	0.865	0.699	0.692	0.886	0.713
pageblocks	0.815	0.8	0.792	0.81	0.792	0.775	0.81	0.798
penbased	0.99	0.984	0.988	0.99	0.982	0.981	0.991	0.984
phoneme	0.849	0.842	0.842	0.847	0.836	0.833	0.849	0.837
pima	0.714	0.702	0.713	0.713	0.696	0.7	0.716	0.707
ring	0.955	0.94	0.958	0.948	0.906	0.942	0.952	0.924
saheart	0.639	0.631	0.641	0.626	0.611	0.61	0.65	0.632
satimage	0.881	0.872	0.87	0.873	0.865	0.869	0.873	0.865
segment	0.97	0.96	0.963	0.969	0.958	0.952	0.965	0.955
sonar	0.774	0.743	0.765	0.765	0.73	0.766	0.751	0.739
spambase	0.937	0.938	0.94	0.932	0.934	0.934	0.934	0.935
spectfheart	0.638	0.582	0.583	0.573	0.512	0.607	0.583	0.505
splice	0.937	0.949	0.949	0.933	0.94	0.951	0.933	0.95
tae	0.44	0.415	0.433	0.433	0.426	0.433	0.48	0.458
texture	0.986	0.958	0.978	0.985	0.953	0.956	0.986	0.954
thyroid	0.97	0.956	0.955	0.967	0.951	0.958	0.967	0.957
tic-tac-toe	0.922	0.862	0.867	0.91	0.813	0.837	0.903	0.823
titanic	0.71	0.709	0.712	0.711	0.711	0.698	0.706	0.705
twonorm	0.974	0.968	0.975	0.974	0.966	0.961	0.974	0.967
vehicle	0.76	0.715	0.743	0.737	0.706	0.704	0.739	0.701
vowel	0.836	0.798	0.792	0.834	0.797	0.746	0.835	0.797
wdbc	0.953	0.939	0.949	0.952	0.931	0.934	0.96	0.941
wine	0.963	0.965	0.973	0.963	0.965	0.961	0.973	0.969
wisconsin	0.968	0.961	0.971	0.971	0.96	0.964	0.967	0.965
yeast	0.499	0.47	0.506	0.5	0.486	0.473	0.48	0.433
zoo	0.855	0.87	0.791	0.851	0.88	0.752	0.816	0.873

3.8 60.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.853	0.864	0.863	0.85	0.865	0.862	0.855	0.865
balance	0.671	0.595	0.62	0.65	0.589	0.598	0.636	0.588
banana	0.882	0.886	0.894	0.885	0.889	0.891	0.885	0.889
bands	0.617	0.601	0.613	0.601	0.57	0.586	0.585	0.566
breast	0.604	0.624	0.623	0.601	0.616	0.608	0.606	0.623
bupa	0.682	0.658	0.659	0.658	0.647	0.655	0.656	0.639
car	0.893	0.749	0.82	0.888	0.743	0.671	0.883	0.723
chess	0.989	0.978	0.983	0.989	0.977	0.974	0.988	0.977
cleveland	0.31	0.299	0.312	0.315	0.306	0.29	0.307	0.3
contraceptive	0.493	0.497	0.504	0.491	0.496	0.5	0.496	0.498
crx	0.864	0.871	0.87	0.859	0.872	0.869	0.859	0.87
dermatology	0.948	0.961	0.964	0.945	0.958	0.961	0.947	0.959
flare-solar	0.603	0.604	0.599	0.602	0.607	0.576	0.601	0.605
german	0.648	0.62	0.637	0.636	0.58	0.594	0.639	0.578
haberman	0.552	0.553	0.528	0.573	0.555	0.531	0.546	0.57
hayes-roth	0.785	0.796	0.744	0.774	0.775	0.704	0.757	0.792
heart	0.811	0.816	0.828	0.811	0.809	0.806	0.813	0.81
housevotes	0.958	0.958	0.965	0.958	0.964	0.959	0.961	0.96
ionosphere	0.924	0.912	0.92	0.929	0.915	0.907	0.929	0.911
iris	0.953	0.947	0.952	0.955	0.947	0.947	0.958	0.945
led7digit	0.674	0.683	0.7	0.675	0.689	0.703	0.675	0.683
lymphography	0.636	0.612	0.607	0.598	0.58	0.504	0.591	0.553
mammographic	0.782	0.787	0.816	0.785	0.795	0.83	0.781	0.785
marketing	0.255	0.258	0.263	0.255	0.256	0.261	0.251	0.253
monks	0.99	0.985	0.984	0.993	0.978	0.975	0.993	0.975
movement_libras	0.74	0.633	0.699	0.738	0.621	0.604	0.745	0.596
mushroom	1.0	1.0	0.999	1.0	1.0	0.999	1.0	1.0
newthyroid	0.942	0.939	0.952	0.941	0.937	0.936	0.942	0.917
nursery	0.897	0.746	0.771	0.915	0.732	0.711	0.872	0.732
pageblocks	0.836	0.818	0.822	0.84	0.824	0.808	0.836	0.824
penbased	0.992	0.986	0.989	0.991	0.985	0.984	0.991	0.985
phoneme	0.856	0.847	0.847	0.856	0.842	0.841	0.854	0.846
pima	0.716	0.715	0.728	0.717	0.716	0.714	0.72	0.705
ring	0.957	0.94	0.958	0.953	0.918	0.943	0.954	0.928
saheart	0.63	0.639	0.644	0.633	0.63	0.632	0.636	0.626
satimage	0.884	0.878	0.876	0.88	0.872	0.876	0.881	0.871
segment	0.973	0.964	0.969	0.972	0.963	0.96	0.971	0.958
sonar	0.75	0.741	0.76	0.748	0.73	0.736	0.772	0.759
spambase	0.941	0.94	0.941	0.939	0.937	0.937	0.94	0.938
spectfheart	0.66	0.6	0.618	0.641	0.542	0.617	0.625	0.531
splice	0.937	0.95	0.952	0.933	0.943	0.951	0.935	0.95
tae	0.49	0.444	0.499	0.491	0.47	0.469	0.485	0.487
texture	0.988	0.961	0.981	0.988	0.958	0.961	0.989	0.96
thyroid	0.975	0.962	0.959	0.974	0.959	0.962	0.971	0.965
tic-tac-toe	0.938	0.882	0.899	0.937	0.844	0.874	0.942	0.859
titanic	0.705	0.705	0.703	0.706	0.705	0.69	0.702	0.701
twonorm	0.974	0.968	0.975	0.974	0.967	0.961	0.974	0.969
vehicle	0.761	0.725	0.748	0.755	0.722	0.718	0.758	0.717
vowel	0.873	0.823	0.834	0.859	0.827	0.78	0.879	0.837
wdbc	0.959	0.945	0.957	0.957	0.938	0.943	0.963	0.947
wine	0.96	0.96	0.97	0.967	0.969	0.962	0.971	0.98
wisconsin	0.966	0.962	0.971	0.968	0.963	0.962	0.966	0.959
yeast	0.506	0.49	0.505	0.515	0.489	0.446	0.506	0.474
zoo	0.85	0.87	0.829	0.839	0.867	0.828	0.833	0.876

3.9 70.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.854	0.863	0.867	0.853	0.86	0.867	0.857	0.86
balance	0.664	0.598	0.627	0.667	0.599	0.598	0.66	0.602
banana	0.882	0.886	0.894	0.886	0.889	0.89	0.885	0.888
bands	0.615	0.608	0.595	0.607	0.583	0.593	0.598	0.57
breast	0.612	0.629	0.63	0.617	0.623	0.571	0.618	0.62
bupa	0.678	0.678	0.665	0.668	0.671	0.671	0.67	0.656
car	0.89	0.78	0.85	0.887	0.777	0.716	0.885	0.751
chess	0.99	0.981	0.985	0.99	0.978	0.976	0.99	0.978
cleveland	0.307	0.299	0.286	0.309	0.299	0.286	0.303	0.279
contraceptive	0.487	0.487	0.503	0.493	0.494	0.508	0.491	0.493
crx	0.863	0.869	0.871	0.861	0.872	0.87	0.862	0.872
dermatology	0.953	0.962	0.966	0.954	0.956	0.967	0.953	0.966
flare-solar	0.596	0.601	0.597	0.604	0.603	0.58	0.6	0.595
german	0.658	0.627	0.647	0.643	0.599	0.594	0.647	0.599
haberman	0.559	0.571	0.539	0.562	0.562	0.563	0.556	0.558
hayes-roth	0.788	0.803	0.759	0.784	0.803	0.709	0.781	0.803
heart	0.788	0.793	0.815	0.788	0.795	0.802	0.789	0.805
housevotes	0.958	0.965	0.964	0.957	0.963	0.964	0.96	0.959
ionosphere	0.926	0.921	0.927	0.923	0.917	0.912	0.923	0.917
iris	0.959	0.949	0.952	0.961	0.953	0.942	0.96	0.953
led7digit	0.702	0.699	0.717	0.699	0.702	0.726	0.697	0.705
lymphography	0.612	0.612	0.593	0.629	0.551	0.548	0.632	0.566
mammographic	0.774	0.788	0.819	0.779	0.791	0.834	0.776	0.784
marketing	0.257	0.258	0.264	0.259	0.258	0.259	0.257	0.262
monks	0.994	0.984	0.982	0.993	0.983	0.974	0.99	0.977
movement_libras	0.773	0.649	0.735	0.78	0.656	0.614	0.782	0.659
mushroom	1.0	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.951	0.951	0.95	0.945	0.943	0.937	0.939	0.931
nursery	0.875	0.752	0.778	0.895	0.74	0.72	0.874	0.743
pageblocks	0.829	0.823	0.821	0.834	0.818	0.798	0.833	0.822
penbased	0.992	0.987	0.99	0.992	0.986	0.984	0.992	0.986
phoneme	0.861	0.85	0.852	0.859	0.851	0.843	0.857	0.848
pima	0.708	0.715	0.715	0.709	0.717	0.71	0.727	0.716
ring	0.957	0.94	0.959	0.954	0.926	0.943	0.956	0.931
saheart	0.645	0.63	0.655	0.656	0.637	0.631	0.64	0.632
satimage	0.887	0.88	0.88	0.883	0.875	0.877	0.885	0.875
segment	0.974	0.967	0.969	0.973	0.966	0.961	0.973	0.963
sonar	0.769	0.747	0.773	0.769	0.747	0.738	0.773	0.756
spambase	0.941	0.942	0.943	0.94	0.94	0.938	0.941	0.939
spectfheart	0.658	0.593	0.619	0.639	0.561	0.636	0.616	0.503
splice	0.943	0.952	0.953	0.941	0.945	0.954	0.941	0.95
tae	0.482	0.472	0.497	0.478	0.463	0.487	0.503	0.501
texture	0.989	0.964	0.983	0.989	0.962	0.963	0.989	0.963
thyroid	0.977	0.966	0.962	0.975	0.965	0.966	0.978	0.961
tic-tac-toe	0.963	0.908	0.922	0.963	0.887	0.891	0.956	0.885
titanic	0.706	0.706	0.707	0.706	0.706	0.689	0.703	0.704
twonorm	0.974	0.969	0.975	0.975	0.967	0.96	0.975	0.969
vehicle	0.77	0.731	0.758	0.766	0.725	0.718	0.764	0.716
vowel	0.9	0.857	0.862	0.893	0.855	0.824	0.894	0.858
wdbc	0.961	0.945	0.959	0.959	0.943	0.946	0.963	0.944
wine	0.962	0.966	0.972	0.965	0.973	0.964	0.972	0.977
wisconsin	0.966	0.964	0.97	0.967	0.964	0.964	0.968	0.963
yeast	0.535	0.503	0.542	0.517	0.491	0.489	0.515	0.494
zoo	0.848	0.881	0.837	0.852	0.893	0.807	0.851	0.878

3.10 80.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.854	0.861	0.865	0.854	0.866	0.864	0.854	0.861
balance	0.672	0.597	0.622	0.676	0.602	0.603	0.661	0.593
banana	0.885	0.889	0.897	0.887	0.89	0.894	0.886	0.891
bands	0.629	0.625	0.618	0.633	0.616	0.594	0.624	0.59
breast	0.593	0.621	0.625	0.602	0.623	0.578	0.59	0.613
bupa	0.692	0.688	0.686	0.68	0.671	0.696	0.68	0.678
car	0.903	0.799	0.866	0.905	0.79	0.734	0.901	0.775
chess	0.991	0.983	0.988	0.991	0.983	0.978	0.99	0.982
cleveland	0.314	0.291	0.289	0.309	0.304	0.281	0.309	0.279
contraceptive	0.486	0.493	0.501	0.492	0.488	0.512	0.487	0.494
crx	0.865	0.871	0.875	0.866	0.871	0.871	0.861	0.869
dermatology	0.957	0.963	0.966	0.952	0.966	0.966	0.958	0.966
flare-solar	0.608	0.606	0.6	0.611	0.599	0.581	0.609	0.599
german	0.658	0.632	0.643	0.658	0.623	0.59	0.656	0.63
haberman	0.571	0.575	0.533	0.569	0.556	0.532	0.568	0.549
hayes-roth	0.812	0.829	0.762	0.814	0.836	0.742	0.805	0.831
heart	0.786	0.801	0.814	0.795	0.798	0.812	0.783	0.797
housevotes	0.964	0.965	0.966	0.963	0.965	0.965	0.962	0.963
ionosphere	0.933	0.921	0.929	0.931	0.922	0.908	0.928	0.92
iris	0.96	0.953	0.96	0.959	0.949	0.94	0.957	0.952
led7digit	0.691	0.699	0.712	0.69	0.7	0.73	0.69	0.701
lymphography	0.553	0.579	0.552	0.595	0.579	0.497	0.535	0.492
mammographic	0.781	0.795	0.818	0.783	0.794	0.833	0.785	0.795
marketing	0.259	0.26	0.267	0.257	0.26	0.262	0.255	0.258
monks	0.994	0.987	0.984	0.994	0.984	0.974	0.994	0.987
movement_libras	0.786	0.687	0.762	0.782	0.68	0.636	0.796	0.683
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.954	0.942	0.95	0.942	0.935	0.907	0.941	0.936
nursery	0.868	0.757	0.783	0.929	0.752	0.725	0.882	0.749
pageblocks	0.849	0.83	0.828	0.845	0.827	0.814	0.84	0.832
penbased	0.993	0.988	0.991	0.993	0.987	0.986	0.993	0.987
phoneme	0.869	0.862	0.86	0.871	0.86	0.852	0.868	0.858
pima	0.711	0.716	0.724	0.716	0.718	0.711	0.719	0.719
ring	0.958	0.943	0.959	0.956	0.933	0.947	0.956	0.935
saheart	0.639	0.645	0.644	0.653	0.655	0.64	0.649	0.634
satimage	0.89	0.883	0.881	0.888	0.881	0.878	0.887	0.879
segment	0.976	0.968	0.972	0.976	0.968	0.961	0.975	0.967
sonar	0.785	0.757	0.774	0.781	0.755	0.763	0.782	0.758
spambase	0.943	0.942	0.944	0.942	0.942	0.939	0.943	0.941
spectfheart	0.641	0.587	0.601	0.644	0.575	0.61	0.645	0.539
splice	0.942	0.956	0.953	0.94	0.951	0.953	0.941	0.952
tae	0.482	0.466	0.49	0.479	0.477	0.458	0.505	0.497
texture	0.99	0.967	0.984	0.99	0.965	0.966	0.991	0.966
thyroid	0.977	0.966	0.966	0.975	0.968	0.967	0.976	0.967
tic-tac-toe	0.971	0.931	0.938	0.974	0.919	0.918	0.958	0.896
titanic	0.706	0.703	0.711	0.706	0.705	0.689	0.702	0.703
twonorm	0.974	0.969	0.975	0.975	0.967	0.961	0.974	0.969
vehicle	0.775	0.737	0.764	0.771	0.732	0.723	0.767	0.722
vowel	0.911	0.875	0.883	0.912	0.878	0.837	0.922	0.889
wdbc	0.963	0.945	0.959	0.961	0.941	0.947	0.965	0.948
wine	0.969	0.978	0.982	0.971	0.968	0.97	0.976	0.976
wisconsin	0.968	0.964	0.973	0.967	0.964	0.967	0.966	0.961
yeast	0.518	0.499	0.528	0.52	0.493	0.485	0.513	0.493
zoo	0.811	0.877	0.856	0.838	0.882	0.823	0.868	0.895

3.11 90.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.86	0.865	0.871	0.859	0.871	0.866	0.861	0.869
balance	0.689	0.596	0.627	0.686	0.595	0.603	0.685	0.598
banana	0.883	0.889	0.895	0.882	0.889	0.893	0.883	0.888
bands	0.642	0.627	0.63	0.648	0.622	0.612	0.629	0.624
breast	0.594	0.617	0.612	0.591	0.604	0.568	0.588	0.614
bupa	0.691	0.681	0.672	0.682	0.673	0.689	0.683	0.672
car	0.917	0.814	0.873	0.917	0.804	0.746	0.911	0.814
chess	0.992	0.983	0.989	0.992	0.983	0.978	0.992	0.983
cleveland	0.3	0.282	0.286	0.3	0.3	0.277	0.282	0.295
contraceptive	0.486	0.492	0.502	0.491	0.493	0.509	0.493	0.495
crx	0.864	0.872	0.871	0.865	0.871	0.867	0.863	0.873
dermatology	0.958	0.964	0.968	0.95	0.966	0.961	0.953	0.961
flare-solar	0.611	0.604	0.608	0.611	0.614	0.584	0.609	0.608
german	0.653	0.63	0.648	0.652	0.637	0.591	0.651	0.636
haberman	0.565	0.579	0.55	0.559	0.576	0.552	0.566	0.577
hayes-roth	0.838	0.845	0.799	0.834	0.846	0.81	0.839	0.852
heart	0.803	0.807	0.825	0.812	0.805	0.811	0.807	0.804
housevotes	0.959	0.965	0.964	0.959	0.963	0.964	0.957	0.962
ionosphere	0.93	0.926	0.93	0.933	0.92	0.914	0.932	0.918
iris	0.961	0.948	0.959	0.959	0.944	0.941	0.957	0.944
led7digit	0.697	0.703	0.712	0.693	0.701	0.722	0.692	0.698
lymphography	0.535	0.498	0.493	0.54	0.545	0.525	0.554	0.504
mammographic	0.779	0.791	0.822	0.78	0.79	0.832	0.788	0.793
marketing	0.256	0.262	0.267	0.256	0.261	0.262	0.255	0.259
monks	0.999	0.987	0.983	1.0	0.985	0.975	0.994	0.987
movement_libras	0.814	0.695	0.777	0.808	0.699	0.662	0.811	0.694
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.948	0.952	0.951	0.949	0.945	0.932	0.945	0.935
nursery	0.929	0.759	0.786	0.896	0.758	0.728	0.876	0.757
pageblocks	0.85	0.827	0.842	0.851	0.828	0.819	0.849	0.83
penbased	0.993	0.989	0.991	0.993	0.988	0.986	0.993	0.988
phoneme	0.873	0.865	0.863	0.873	0.864	0.855	0.873	0.864
pima	0.719	0.723	0.724	0.725	0.721	0.72	0.72	0.714
ring	0.959	0.944	0.96	0.959	0.942	0.949	0.959	0.94
saheart	0.63	0.622	0.636	0.634	0.624	0.631	0.648	0.634
satimage	0.892	0.886	0.884	0.892	0.884	0.88	0.891	0.883
segment	0.978	0.969	0.974	0.978	0.97	0.964	0.977	0.969
sonar	0.792	0.767	0.797	0.797	0.757	0.765	0.795	0.767
spambase	0.945	0.943	0.946	0.945	0.944	0.94	0.944	0.943
spectfheart	0.632	0.595	0.592	0.633	0.59	0.621	0.635	0.593
splice	0.944	0.955	0.956	0.944	0.955	0.953	0.944	0.954
tae	0.495	0.498	0.534	0.496	0.5	0.489	0.546	0.545
texture	0.991	0.969	0.984	0.991	0.968	0.968	0.991	0.97
thyroid	0.979	0.969	0.967	0.98	0.967	0.969	0.978	0.971
tic-tac-toe	0.977	0.935	0.956	0.979	0.94	0.925	0.974	0.93
titanic	0.706	0.706	0.708	0.706	0.705	0.695	0.704	0.704
twonorm	0.974	0.967	0.975	0.974	0.969	0.961	0.974	0.969
vehicle	0.779	0.737	0.759	0.774	0.739	0.734	0.775	0.732
vowel	0.931	0.9	0.907	0.927	0.899	0.861	0.932	0.9
wdbc	0.963	0.948	0.957	0.965	0.943	0.946	0.963	0.95
wine	0.971	0.976	0.984	0.973	0.972	0.968	0.977	0.983
wisconsin	0.969	0.967	0.973	0.968	0.964	0.968	0.966	0.962
yeast	0.543	0.535	0.557	0.544	0.532	0.525	0.533	0.506
zoo	0.868	0.903	0.894	0.854	0.896	0.85	0.84	0.905

3.12 99.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.858	0.867	0.868	0.857	0.868	0.867	0.856	0.871
balance	0.695	0.599	0.628	0.681	0.595	0.603	0.691	0.601
banana	0.883	0.889	0.897	0.884	0.887	0.892	0.883	0.889
bands	0.645	0.64	0.639	0.649	0.622	0.615	0.657	0.62
breast	0.608	0.621	0.62	0.598	0.634	0.584	0.598	0.627
bupa	0.686	0.692	0.684	0.693	0.688	0.696	0.687	0.685
car	0.927	0.83	0.89	0.923	0.835	0.757	0.93	0.826
chess	0.993	0.985	0.989	0.993	0.985	0.979	0.993	0.985
cleveland	0.303	0.276	0.29	0.304	0.302	0.279	0.301	0.3
contraceptive	0.487	0.492	0.504	0.492	0.493	0.515	0.485	0.494
crx	0.868	0.873	0.87	0.869	0.875	0.873	0.868	0.874
dermatology	0.96	0.963	0.968	0.962	0.965	0.967	0.961	0.966
flare-solar	0.607	0.606	0.603	0.612	0.601	0.578	0.605	0.595
german	0.67	0.643	0.658	0.669	0.642	0.611	0.672	0.646
haberman	0.56	0.57	0.549	0.556	0.57	0.56	0.572	0.583
hayes-roth	0.838	0.845	0.797	0.837	0.852	0.804	0.79	0.836
heart	0.804	0.803	0.821	0.805	0.816	0.813	0.815	0.802
housevotes	0.96	0.964	0.967	0.963	0.967	0.965	0.964	0.963
ionosphere	0.937	0.921	0.934	0.936	0.923	0.916	0.94	0.921
iris	0.956	0.951	0.959	0.959	0.949	0.952	0.959	0.955
led7digit	0.695	0.701	0.71	0.696	0.703	0.723	0.689	0.699
lymphography	0.556	0.513	0.58	0.565	0.541	0.501	0.601	0.647
mammographic	0.778	0.788	0.822	0.779	0.789	0.834	0.782	0.795
marketing	0.261	0.264	0.269	0.262	0.263	0.264	0.258	0.259
monks	0.998	0.988	0.988	1.0	0.986	0.975	1.0	0.989
movement_libras	0.818	0.718	0.798	0.821	0.711	0.68	0.821	0.691
mushroom	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
newthyroid	0.948	0.954	0.948	0.948	0.95	0.925	0.945	0.948
nursery	0.884	0.765	0.788	0.897	0.765	0.736	0.924	0.766
pageblocks	0.856	0.841	0.849	0.856	0.842	0.828	0.856	0.84
penbased	0.994	0.989	0.992	0.993	0.989	0.987	0.993	0.989
phoneme	0.877	0.867	0.866	0.874	0.867	0.856	0.877	0.867
pima	0.716	0.725	0.724	0.72	0.717	0.729	0.728	0.718
ring	0.96	0.945	0.959	0.96	0.945	0.949	0.961	0.947
saheart	0.629	0.625	0.643	0.627	0.634	0.625	0.65	0.638
satimage	0.894	0.887	0.885	0.894	0.887	0.884	0.891	0.886
segment	0.979	0.97	0.975	0.978	0.972	0.965	0.979	0.971
sonar	0.797	0.77	0.799	0.792	0.769	0.76	0.815	0.777
spambase	0.946	0.945	0.946	0.946	0.945	0.942	0.948	0.945
spectfheart	0.67	0.631	0.619	0.666	0.609	0.653	0.655	0.58
splice	0.946	0.956	0.955	0.947	0.955	0.957	0.946	0.956
tae	0.515	0.497	0.524	0.529	0.508	0.498	0.54	0.505
texture	0.991	0.97	0.986	0.991	0.97	0.969	0.992	0.971
thyroid	0.978	0.97	0.969	0.978	0.971	0.971	0.98	0.969
tic-tac-toe	0.979	0.948	0.962	0.979	0.949	0.937	0.977	0.941
titanic	0.705	0.704	0.706	0.704	0.704	0.694	0.704	0.704
twonorm	0.974	0.969	0.974	0.974	0.969	0.96	0.974	0.97
vehicle	0.783	0.74	0.772	0.782	0.744	0.738	0.776	0.735
vowel	0.941	0.915	0.921	0.939	0.909	0.878	0.951	0.924
wdbc	0.963	0.946	0.96	0.963	0.945	0.946	0.966	0.949
wine	0.974	0.976	0.976	0.975	0.975	0.969	0.977	0.977
wisconsin	0.969	0.965	0.972	0.968	0.965	0.968	0.967	0.963
yeast	0.555	0.524	0.553	0.552	0.528	0.511	0.542	0.526
zoo	0.879	0.891	0.854	0.87	0.876	0.848	0.877	0.884

4 Matthew Correlation Coefficient

4.1 5.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.578	0.529	0.548	0.583	0.477	0.529	0.527	0.507
balance	0.557	0.509	0.577	0.472	0.452	0.498	0.535	0.446
banana	0.721	0.677	0.711	0.725	0.666	0.656	0.728	0.677
bands	0.075	0.076	0.05	0.022	0.015	0.073	0.066	0.069
breast	0.102	0.096	0.063	0.122	0.03	0.045	0.118	0.06
bupa	0.049	0.075	0.069	0.005	0.026	0.054	0.039	0.031
car	0.577	0.467	0.464	0.54	0.194	0.438	0.495	0.378
chess	0.865	0.779	0.812	0.856	0.77	0.748	0.869	0.776
cleveland	0.191	0.244	0.24	0.192	0.182	0.247	0.24	0.207
contraceptive	0.165	0.161	0.155	0.136	0.128	0.171	0.154	0.148
crx	0.519	0.554	0.581	0.464	0.532	0.546	0.508	0.6
dermatology	0.805	0.784	0.751	0.783	0.741	0.702	0.824	0.824
flare-solar	0.614	0.618	0.627	0.61	0.617	0.599	0.615	0.615
german	0.152	0.165	0.153	0.142	0.015	0.1	0.136	0.073
haberman	0.2	0.16	0.102	0.158	0.131	0.126	0.158	0.133
hayes-roth	0.167	0.187	0.097	0.126	0.145	0.038	0.136	0.213
heart	0.476	0.457	0.5	0.377	0.336	0.44	0.465	0.451
housevotes	0.789	0.749	0.64	0.684	0.635	0.633	0.799	0.808
ionosphere	0.484	0.392	0.468	0.439	0.302	0.343	0.479	0.368
iris	0.79	0.81	0.633	0.85	0.722	0.646	0.756	0.839
led7digit	0.542	0.561	0.508	0.539	0.499	0.449	0.538	0.546
lymphography	0.358	0.395	0.363	0.389	0.287	0.269	0.419	0.452
mammographic	0.459	0.52	0.501	0.45	0.539	0.576	0.575	0.567
marketing	0.177	0.183	0.192	0.171	0.183	0.193	0.182	0.189
monks	0.603	0.668	0.537	0.671	0.631	0.496	0.443	0.486
movement_libras	0.345	0.284	0.31	0.347	0.28	0.271	0.344	0.285
mushroom	0.964	0.964	0.962	0.963	0.962	0.944	0.972	0.966
newthyroid	0.657	0.574	0.544	0.606	0.501	0.549	0.726	0.651
nursery	0.864	0.845	0.852	0.85	0.821	0.835	0.857	0.838
pageblocks	0.713	0.681	0.707	0.691	0.631	0.648	0.696	0.681
penbased	0.941	0.919	0.929	0.939	0.896	0.913	0.94	0.926
phoneme	0.508	0.483	0.494	0.455	0.425	0.483	0.488	0.48
pima	0.338	0.333	0.344	0.292	0.289	0.35	0.33	0.313
ring	0.838	0.829	0.863	0.799	0.677	0.783	0.848	0.799
saheart	0.218	0.207	0.22	0.202	0.162	0.214	0.219	0.239
satimage	0.82	0.806	0.82	0.813	0.792	0.807	0.818	0.805
segment	0.874	0.837	0.845	0.865	0.812	0.805	0.883	0.844
sonar	0.304	0.294	0.252	0.264	0.045	0.259	0.269	0.145
spambase	0.779	0.798	0.812	0.744	0.788	0.8	0.771	0.804
spectfheart	0.192	0.181	0.151	0.121	0.025	0.183	0.169	0.158
splice	0.759	0.657	0.723	0.732	0.095	0.69	0.746	0.474
tae	-0.009	0.045	0.027	0.001	-0.013	0.024	0.058	0.085
texture	0.927	0.828	0.906	0.918	0.775	0.828	0.92	0.83
thyroid	0.829	0.663	0.642	0.805	0.469	0.613	0.807	0.685
tic-tac-toe	0.204	0.184	0.203	0.137	0.09	0.181	0.154	0.124
titanic	0.441	0.439	0.446	0.435	0.429	0.405	0.401	0.417
twonorm	0.929	0.901	0.941	0.946	0.856	0.883	0.945	0.914
vehicle	0.477	0.382	0.43	0.399	0.276	0.336	0.43	0.375
vowel	0.33	0.314	0.288	0.286	0.301	0.275	0.307	0.298
wdbc	0.819	0.795	0.836	0.814	0.798	0.832	0.827	0.802
wine	0.753	0.752	0.627	0.659	0.511	0.575	0.854	0.818
wisconsin	0.904	0.885	0.924	0.921	0.835	0.884	0.938	0.899
yeast	0.36	0.335	0.362	0.349	0.263	0.314	0.342	0.322
zoo	0.842	0.849	0.82	0.843	0.829	0.612	0.865	0.892

4.2 10.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.657	0.636	0.658	0.653	0.62	0.654	0.656	0.668
balance	0.6	0.516	0.626	0.545	0.455	0.546	0.589	0.493
banana	0.748	0.736	0.755	0.761	0.732	0.733	0.759	0.741
bands	0.021	0.02	0.022	-0.016	-0.006	0.012	0.019	-0.007
breast	0.148	0.126	0.109	0.123	0.084	0.112	0.115	0.134
bupa	0.172	0.15	0.141	0.058	0.066	0.158	0.072	0.05
car	0.667	0.555	0.58	0.645	0.245	0.537	0.667	0.471
chess	0.909	0.885	0.897	0.896	0.875	0.874	0.9	0.878
cleveland	0.239	0.255	0.257	0.206	0.212	0.251	0.226	0.221
contraceptive	0.194	0.194	0.191	0.176	0.177	0.193	0.201	0.194
crx	0.623	0.652	0.664	0.613	0.632	0.663	0.619	0.647
dermatology	0.903	0.872	0.849	0.873	0.85	0.787	0.892	0.904
flare-solar	0.617	0.612	0.635	0.605	0.617	0.646	0.609	0.624
german	0.203	0.161	0.179	0.167	0.04	0.136	0.157	0.102
haberman	0.136	0.121	0.118	0.082	0.075	0.104	0.121	0.109
hayes-roth	0.277	0.285	0.231	0.245	0.233	0.163	0.218	0.231
heart	0.489	0.514	0.57	0.431	0.439	0.558	0.421	0.514
housevotes	0.87	0.851	0.834	0.869	0.848	0.849	0.833	0.842
ionosphere	0.516	0.588	0.553	0.554	0.602	0.497	0.506	0.548
iris	0.834	0.839	0.76	0.857	0.79	0.728	0.841	0.862
led7digit	0.604	0.611	0.583	0.604	0.615	0.516	0.602	0.622
lymphography	0.439	0.501	0.464	0.416	0.38	0.398	0.427	0.476
mammographic	0.562	0.583	0.614	0.563	0.62	0.638	0.569	0.577
marketing	0.184	0.192	0.199	0.184	0.191	0.198	0.189	0.197
monks	0.809	0.859	0.703	0.863	0.888	0.797	0.84	0.882
movement_libras	0.44	0.341	0.391	0.427	0.331	0.326	0.451	0.373
mushroom	0.985	0.984	0.981	0.986	0.982	0.98	0.991	0.994
newthyroid	0.751	0.766	0.764	0.744	0.668	0.723	0.801	0.797
nursery	0.906	0.879	0.891	0.889	0.847	0.872	0.899	0.868
pageblocks	0.756	0.729	0.732	0.74	0.695	0.695	0.748	0.711
penbased	0.963	0.946	0.955	0.962	0.927	0.94	0.966	0.953
phoneme	0.585	0.565	0.573	0.55	0.503	0.558	0.579	0.555
pima	0.374	0.373	0.375	0.355	0.323	0.349	0.362	0.381
ring	0.874	0.86	0.889	0.84	0.711	0.826	0.874	0.796
saheart	0.26	0.235	0.256	0.239	0.228	0.245	0.23	0.214
satimage	0.839	0.827	0.836	0.826	0.808	0.826	0.833	0.824
segment	0.919	0.896	0.901	0.904	0.877	0.874	0.916	0.887
sonar	0.318	0.373	0.367	0.244	0.172	0.365	0.352	0.246
spambase	0.81	0.827	0.835	0.8	0.817	0.817	0.81	0.829
spectfheart	0.198	0.134	0.139	0.053	0.037	0.126	0.151	0.06
splice	0.813	0.768	0.824	0.805	0.151	0.797	0.819	0.637
tae	0.128	0.129	0.114	0.135	0.121	0.109	0.141	0.126
texture	0.954	0.874	0.935	0.95	0.845	0.874	0.961	0.881
thyroid	0.919	0.832	0.797	0.918	0.66	0.798	0.882	0.772
tic-tac-toe	0.394	0.349	0.354	0.308	0.265	0.326	0.242	0.25
titanic	0.447	0.457	0.445	0.446	0.451	0.462	0.472	0.475
twonorm	0.939	0.913	0.945	0.946	0.896	0.897	0.947	0.929
vehicle	0.571	0.454	0.534	0.542	0.43	0.432	0.53	0.46
vowel	0.458	0.422	0.397	0.435	0.397	0.385	0.437	0.413
wdbc	0.831	0.826	0.853	0.853	0.818	0.834	0.858	0.811
wine	0.852	0.792	0.776	0.795	0.727	0.723	0.837	0.817
wisconsin	0.911	0.896	0.933	0.935	0.858	0.891	0.929	0.903
yeast	0.382	0.366	0.389	0.373	0.341	0.36	0.387	0.377
zoo	0.875	0.88	0.83	0.872	0.869	0.694	0.876	0.894

4.3 15.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.652	0.677	0.692	0.662	0.678	0.685	0.673	0.703
balance	0.669	0.592	0.695	0.652	0.537	0.602	0.681	0.567
banana	0.756	0.75	0.77	0.763	0.748	0.747	0.764	0.751
bands	0.035	0.067	0.079	0.027	0.051	0.121	0.027	0.098
breast	0.174	0.199	0.202	0.155	0.121	0.075	0.176	0.162
bupa	0.248	0.201	0.216	0.122	0.121	0.197	0.14	0.153
car	0.698	0.6	0.628	0.66	0.394	0.584	0.657	0.538
chess	0.925	0.904	0.907	0.921	0.883	0.896	0.914	0.894
cleveland	0.276	0.266	0.279	0.252	0.245	0.276	0.268	0.263
contraceptive	0.203	0.209	0.204	0.186	0.199	0.206	0.217	0.206
crx	0.692	0.712	0.726	0.672	0.702	0.717	0.689	0.725
dermatology	0.926	0.903	0.933	0.897	0.881	0.866	0.915	0.911
flare-solar	0.612	0.631	0.648	0.618	0.637	0.663	0.614	0.633
german	0.235	0.231	0.216	0.149	0.009	0.164	0.175	0.113
haberman	0.173	0.15	0.153	0.223	0.196	0.154	0.168	0.138
hayes-roth	0.348	0.383	0.318	0.295	0.338	0.273	0.299	0.371
heart	0.481	0.521	0.53	0.418	0.479	0.512	0.476	0.516
housevotes	0.896	0.88	0.868	0.899	0.902	0.883	0.869	0.858
ionosphere	0.658	0.683	0.662	0.612	0.726	0.604	0.68	0.701
iris	0.876	0.845	0.822	0.877	0.825	0.803	0.859	0.864
led7digit	0.597	0.612	0.636	0.589	0.601	0.577	0.606	0.632
lymphography	0.527	0.544	0.487	0.411	0.497	0.462	0.496	0.542
mammographic	0.57	0.586	0.63	0.568	0.625	0.649	0.58	0.583
marketing	0.19	0.196	0.208	0.189	0.199	0.209	0.19	0.2
monks	0.869	0.894	0.798	0.913	0.888	0.864	0.883	0.921
movement_libras	0.468	0.357	0.435	0.472	0.354	0.355	0.472	0.37
mushroom	0.992	0.99	0.99	0.991	0.99	0.983	0.993	0.991
newthyroid	0.829	0.774	0.81	0.838	0.758	0.771	0.869	0.795
nursery	0.932	0.901	0.914	0.921	0.869	0.892	0.924	0.89
pageblocks	0.786	0.771	0.774	0.783	0.754	0.754	0.784	0.752
penbased	0.975	0.961	0.969	0.974	0.952	0.957	0.976	0.964
phoneme	0.593	0.571	0.58	0.559	0.513	0.568	0.588	0.564
pima	0.377	0.369	0.373	0.365	0.321	0.35	0.352	0.291
ring	0.881	0.857	0.9	0.849	0.725	0.845	0.879	0.801
saheart	0.262	0.242	0.262	0.244	0.22	0.241	0.217	0.237
satimage	0.851	0.841	0.847	0.838	0.828	0.841	0.847	0.837
segment	0.928	0.916	0.917	0.919	0.903	0.904	0.918	0.906
sonar	0.364	0.366	0.367	0.347	0.257	0.342	0.372	0.325
spambase	0.829	0.837	0.843	0.809	0.83	0.827	0.822	0.834
spectfheart	0.19	0.142	0.173	0.044	0.0	0.173	0.123	0.088
splice	0.849	0.869	0.901	0.834	0.295	0.887	0.849	0.843
tae	0.148	0.151	0.135	0.153	0.152	0.108	0.08	0.102
texture	0.967	0.906	0.953	0.962	0.88	0.902	0.967	0.902
thyroid	0.922	0.887	0.872	0.92	0.819	0.881	0.936	0.87
tic-tac-toe	0.451	0.405	0.406	0.352	0.285	0.373	0.376	0.331
titanic	0.46	0.458	0.453	0.456	0.458	0.447	0.461	0.461
twonorm	0.94	0.923	0.947	0.947	0.906	0.908	0.948	0.931
vehicle	0.612	0.557	0.597	0.559	0.504	0.535	0.6	0.524
vowel	0.534	0.488	0.483	0.514	0.482	0.453	0.537	0.492
wdbc	0.898	0.861	0.885	0.88	0.836	0.861	0.877	0.839
wine	0.892	0.838	0.861	0.926	0.86	0.831	0.92	0.851
wisconsin	0.912	0.872	0.938	0.925	0.851	0.88	0.926	0.898
yeast	0.403	0.408	0.422	0.412	0.395	0.398	0.399	0.393
zoo	0.872	0.88	0.826	0.869	0.884	0.716	0.878	0.889

4.4 20.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.697	0.701	0.71	0.706	0.689	0.703	0.713	0.698
balance	0.728	0.616	0.739	0.744	0.537	0.634	0.743	0.581
banana	0.76	0.757	0.773	0.77	0.761	0.759	0.768	0.765
bands	0.138	0.108	0.145	0.16	0.106	0.149	0.145	0.108
breast	0.156	0.19	0.193	0.162	0.157	0.156	0.17	0.183
bupa	0.238	0.205	0.198	0.15	0.147	0.204	0.165	0.147
car	0.758	0.631	0.67	0.746	0.493	0.616	0.745	0.59
chess	0.931	0.915	0.921	0.928	0.903	0.908	0.932	0.914
cleveland	0.279	0.268	0.277	0.249	0.197	0.25	0.257	0.243
contraceptive	0.226	0.228	0.23	0.232	0.228	0.239	0.232	0.23
crx	0.701	0.707	0.718	0.682	0.685	0.72	0.69	0.7
dermatology	0.916	0.918	0.923	0.894	0.914	0.9	0.905	0.92
flare-solar	0.612	0.613	0.647	0.609	0.625	0.665	0.619	0.624
german	0.237	0.222	0.226	0.197	0.031	0.181	0.216	0.104
haberman	0.149	0.114	0.151	0.131	0.133	0.16	0.132	0.145
hayes-roth	0.312	0.352	0.276	0.253	0.228	0.239	0.24	0.257
heart	0.521	0.552	0.581	0.482	0.535	0.546	0.522	0.511
housevotes	0.892	0.863	0.865	0.868	0.874	0.856	0.903	0.836
ionosphere	0.727	0.698	0.71	0.734	0.747	0.682	0.688	0.688
iris	0.913	0.906	0.888	0.931	0.9	0.872	0.925	0.906
led7digit	0.628	0.653	0.651	0.621	0.66	0.622	0.633	0.662
lymphography	0.537	0.535	0.529	0.447	0.49	0.506	0.499	0.521
mammographic	0.57	0.593	0.627	0.559	0.609	0.657	0.583	0.602
marketing	0.197	0.201	0.213	0.196	0.202	0.214	0.195	0.2
monks	0.927	0.935	0.874	0.94	0.945	0.935	0.891	0.9
movement_libras	0.508	0.409	0.477	0.508	0.391	0.388	0.508	0.41
mushroom	0.997	0.995	0.995	0.998	0.998	0.99	0.997	0.994
newthyroid	0.852	0.828	0.834	0.788	0.758	0.83	0.855	0.789
nursery	0.942	0.909	0.923	0.933	0.883	0.897	0.936	0.899
pageblocks	0.81	0.791	0.795	0.808	0.781	0.785	0.811	0.792
penbased	0.98	0.969	0.975	0.979	0.962	0.966	0.982	0.97
phoneme	0.638	0.618	0.627	0.616	0.573	0.602	0.634	0.602
pima	0.423	0.402	0.421	0.405	0.388	0.395	0.352	0.338
ring	0.897	0.879	0.907	0.86	0.753	0.86	0.885	0.826
saheart	0.251	0.259	0.27	0.268	0.261	0.266	0.272	0.249
satimage	0.854	0.85	0.852	0.846	0.836	0.849	0.852	0.844
segment	0.941	0.925	0.933	0.936	0.909	0.916	0.935	0.919
sonar	0.476	0.447	0.461	0.416	0.309	0.434	0.406	0.435
spambase	0.838	0.849	0.858	0.82	0.843	0.846	0.831	0.846
spectfheart	0.278	0.212	0.198	0.091	0.0	0.226	0.112	0.046
splice	0.885	0.882	0.9	0.868	0.542	0.89	0.873	0.877
tae	0.166	0.124	0.133	0.167	0.131	0.158	0.17	0.159
texture	0.971	0.919	0.958	0.97	0.901	0.917	0.972	0.919
thyroid	0.938	0.892	0.872	0.932	0.855	0.897	0.949	0.905
tic-tac-toe	0.548	0.47	0.491	0.463	0.337	0.451	0.472	0.393
titanic	0.454	0.456	0.441	0.451	0.449	0.453	0.46	0.472
twonorm	0.944	0.926	0.946	0.947	0.915	0.914	0.949	0.933
vehicle	0.649	0.594	0.63	0.609	0.557	0.588	0.63	0.549
vowel	0.614	0.574	0.554	0.603	0.556	0.516	0.593	0.539
wdbc	0.88	0.83	0.877	0.862	0.818	0.85	0.877	0.844
wine	0.915	0.893	0.912	0.935	0.93	0.902	0.922	0.895
wisconsin	0.931	0.915	0.942	0.934	0.904	0.913	0.924	0.909
yeast	0.409	0.408	0.427	0.418	0.412	0.42	0.42	0.418
zoo	0.887	0.912	0.867	0.892	0.904	0.84	0.909	0.929

4.5 30.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.698	0.694	0.711	0.701	0.702	0.705	0.709	0.707
balance	0.739	0.639	0.753	0.748	0.593	0.647	0.743	0.615
banana	0.76	0.763	0.776	0.769	0.759	0.767	0.767	0.764
bands	0.139	0.146	0.143	0.107	0.096	0.13	0.146	0.1
breast	0.161	0.199	0.21	0.133	0.183	0.147	0.145	0.154
bupa	0.286	0.294	0.301	0.249	0.183	0.257	0.246	0.226
car	0.818	0.713	0.755	0.813	0.63	0.692	0.811	0.664
chess	0.954	0.929	0.941	0.949	0.919	0.922	0.951	0.923
cleveland	0.285	0.274	0.293	0.283	0.276	0.257	0.27	0.235
contraceptive	0.219	0.231	0.237	0.23	0.235	0.241	0.235	0.235
crx	0.704	0.723	0.727	0.692	0.718	0.731	0.705	0.728
dermatology	0.952	0.939	0.954	0.931	0.935	0.931	0.934	0.933
flare-solar	0.632	0.642	0.657	0.63	0.646	0.672	0.631	0.637
german	0.252	0.243	0.246	0.235	0.093	0.199	0.226	0.179
haberman	0.204	0.178	0.212	0.158	0.164	0.163	0.227	0.191
hayes-roth	0.475	0.493	0.432	0.461	0.471	0.35	0.434	0.431
heart	0.559	0.585	0.596	0.539	0.549	0.609	0.562	0.562
housevotes	0.887	0.871	0.883	0.888	0.882	0.875	0.897	0.878
ionosphere	0.784	0.813	0.765	0.782	0.813	0.779	0.786	0.804
iris	0.894	0.913	0.897	0.924	0.889	0.896	0.908	0.907
led7digit	0.648	0.669	0.669	0.646	0.657	0.669	0.65	0.664
lymphography	0.55	0.598	0.564	0.522	0.582	0.595	0.552	0.547
mammographic	0.559	0.567	0.63	0.564	0.597	0.653	0.573	0.605
marketing	0.193	0.2	0.213	0.196	0.202	0.22	0.194	0.205
monks	0.953	0.944	0.93	0.946	0.948	0.946	0.962	0.947
movement_libras	0.606	0.495	0.566	0.608	0.473	0.489	0.598	0.493
mushroom	0.999	0.998	0.997	0.999	0.998	0.996	0.999	0.999
newthyroid	0.898	0.84	0.858	0.876	0.821	0.842	0.852	0.799
nursery	0.964	0.929	0.946	0.96	0.907	0.918	0.961	0.918
pageblocks	0.808	0.793	0.801	0.805	0.784	0.786	0.805	0.792
penbased	0.984	0.976	0.98	0.984	0.971	0.972	0.986	0.976
phoneme	0.664	0.642	0.65	0.642	0.61	0.628	0.654	0.627
pima	0.417	0.411	0.427	0.404	0.408	0.407	0.413	0.414
ring	0.905	0.873	0.912	0.879	0.776	0.869	0.893	0.828
saheart	0.267	0.268	0.28	0.28	0.225	0.238	0.296	0.245
satimage	0.867	0.858	0.862	0.861	0.85	0.858	0.862	0.855
segment	0.953	0.943	0.945	0.95	0.936	0.934	0.946	0.932
sonar	0.433	0.443	0.449	0.434	0.375	0.454	0.444	0.395
spambase	0.86	0.863	0.869	0.842	0.853	0.857	0.854	0.859
spectfheart	0.259	0.23	0.226	0.152	0.028	0.284	0.191	0.016
splice	0.891	0.911	0.918	0.879	0.801	0.913	0.885	0.913
tae	0.183	0.15	0.193	0.19	0.19	0.137	0.112	0.143
texture	0.978	0.934	0.968	0.976	0.922	0.932	0.979	0.933
thyroid	0.955	0.927	0.914	0.952	0.912	0.919	0.953	0.919
tic-tac-toe	0.661	0.58	0.606	0.588	0.444	0.544	0.617	0.523
titanic	0.471	0.487	0.48	0.473	0.467	0.464	0.482	0.473
twonorm	0.947	0.931	0.947	0.947	0.921	0.919	0.948	0.934
vehicle	0.665	0.608	0.645	0.625	0.579	0.597	0.622	0.588
vowel	0.718	0.658	0.65	0.702	0.66	0.611	0.69	0.637
wdbc	0.91	0.864	0.905	0.897	0.861	0.868	0.896	0.864
wine	0.906	0.895	0.9	0.918	0.898	0.898	0.932	0.927
wisconsin	0.928	0.912	0.94	0.934	0.91	0.91	0.93	0.916
yeast	0.414	0.423	0.431	0.42	0.418	0.427	0.435	0.433
zoo	0.889	0.881	0.84	0.899	0.903	0.825	0.893	0.931

4.6 40.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.716	0.724	0.734	0.717	0.731	0.726	0.722	0.728
balance	0.778	0.654	0.777	0.78	0.626	0.665	0.772	0.627
banana	0.764	0.768	0.783	0.771	0.773	0.776	0.769	0.773
bands	0.169	0.174	0.172	0.165	0.16	0.179	0.171	0.126
breast	0.163	0.21	0.21	0.142	0.191	0.226	0.188	0.214
bupa	0.354	0.308	0.325	0.306	0.251	0.275	0.315	0.269
car	0.856	0.758	0.801	0.854	0.7	0.74	0.854	0.73
chess	0.962	0.943	0.956	0.963	0.935	0.934	0.962	0.943
cleveland	0.266	0.269	0.28	0.28	0.271	0.272	0.279	0.276
contraceptive	0.251	0.263	0.272	0.261	0.274	0.27	0.265	0.267
crx	0.71	0.742	0.752	0.712	0.74	0.751	0.724	0.734
dermatology	0.927	0.946	0.942	0.918	0.948	0.941	0.922	0.942
flare-solar	0.64	0.648	0.666	0.633	0.652	0.678	0.647	0.656
german	0.286	0.261	0.28	0.257	0.166	0.223	0.263	0.207
haberman	0.19	0.187	0.2	0.179	0.196	0.183	0.198	0.221
hayes-roth	0.49	0.499	0.422	0.461	0.465	0.357	0.456	0.487
heart	0.574	0.59	0.601	0.534	0.566	0.581	0.54	0.563
housevotes	0.924	0.918	0.918	0.924	0.926	0.916	0.929	0.906
ionosphere	0.833	0.809	0.809	0.82	0.8	0.778	0.812	0.81
iris	0.938	0.913	0.922	0.926	0.911	0.905	0.932	0.917
led7digit	0.641	0.654	0.657	0.633	0.653	0.682	0.643	0.655
lymphography	0.596	0.631	0.599	0.601	0.63	0.585	0.593	0.597
mammographic	0.595	0.612	0.655	0.604	0.632	0.677	0.574	0.593
marketing	0.2	0.208	0.224	0.202	0.211	0.228	0.194	0.206
monks	0.965	0.955	0.952	0.961	0.952	0.951	0.963	0.954
movement_libras	0.646	0.538	0.605	0.638	0.533	0.526	0.635	0.516
mushroom	0.998	0.998	0.997	0.998	0.998	0.997	0.999	0.999
newthyroid	0.89	0.861	0.887	0.878	0.842	0.873	0.865	0.834
nursery	0.976	0.939	0.956	0.974	0.922	0.928	0.974	0.931
pageblocks	0.821	0.812	0.81	0.817	0.808	0.8	0.821	0.808
penbased	0.987	0.98	0.984	0.987	0.976	0.976	0.988	0.979
phoneme	0.684	0.664	0.666	0.665	0.639	0.65	0.674	0.658
pima	0.4	0.418	0.412	0.396	0.399	0.401	0.45	0.438
ring	0.904	0.876	0.911	0.887	0.795	0.871	0.894	0.838
saheart	0.307	0.269	0.316	0.291	0.278	0.29	0.312	0.263
satimage	0.873	0.864	0.866	0.866	0.857	0.862	0.868	0.86
segment	0.961	0.952	0.954	0.958	0.948	0.94	0.958	0.942
sonar	0.516	0.481	0.514	0.491	0.429	0.469	0.49	0.492
spambase	0.863	0.87	0.873	0.85	0.863	0.864	0.855	0.865
spectfheart	0.288	0.233	0.312	0.18	0.017	0.24	0.218	0.11
splice	0.903	0.92	0.924	0.894	0.874	0.92	0.904	0.918
tae	0.167	0.156	0.194	0.168	0.167	0.187	0.219	0.196
texture	0.983	0.945	0.973	0.981	0.938	0.943	0.983	0.944
thyroid	0.959	0.942	0.927	0.958	0.93	0.941	0.959	0.938
tic-tac-toe	0.785	0.67	0.664	0.739	0.557	0.622	0.742	0.623
titanic	0.476	0.478	0.469	0.48	0.487	0.464	0.476	0.485
twonorm	0.947	0.933	0.948	0.948	0.925	0.918	0.949	0.937
vehicle	0.679	0.635	0.669	0.658	0.613	0.63	0.655	0.611
vowel	0.764	0.726	0.721	0.763	0.718	0.676	0.762	0.721
wdbc	0.901	0.868	0.895	0.897	0.861	0.868	0.913	0.874
wine	0.912	0.923	0.938	0.922	0.931	0.917	0.95	0.94
wisconsin	0.94	0.93	0.947	0.945	0.927	0.93	0.934	0.92
yeast	0.436	0.437	0.458	0.45	0.438	0.442	0.445	0.449
zoo	0.89	0.922	0.899	0.908	0.916	0.882	0.914	0.936

4.7 50.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.71	0.713	0.723	0.712	0.716	0.717	0.713	0.725
balance	0.786	0.684	0.792	0.795	0.67	0.695	0.786	0.666
banana	0.763	0.773	0.786	0.774	0.775	0.778	0.77	0.776
bands	0.232	0.239	0.246	0.209	0.193	0.207	0.206	0.203
breast	0.295	0.301	0.296	0.235	0.284	0.293	0.25	0.298
bupa	0.372	0.352	0.389	0.354	0.332	0.354	0.348	0.296
car	0.893	0.795	0.839	0.884	0.76	0.765	0.882	0.778
chess	0.973	0.951	0.962	0.975	0.945	0.937	0.974	0.946
cleveland	0.279	0.287	0.299	0.266	0.27	0.279	0.289	0.275
contraceptive	0.245	0.247	0.254	0.248	0.257	0.266	0.246	0.255
crx	0.72	0.73	0.731	0.715	0.732	0.738	0.715	0.738
dermatology	0.941	0.959	0.963	0.936	0.95	0.956	0.935	0.957
flare-solar	0.636	0.651	0.662	0.636	0.644	0.67	0.641	0.643
german	0.304	0.297	0.266	0.268	0.203	0.232	0.279	0.232
haberman	0.107	0.147	0.103	0.134	0.151	0.146	0.162	0.123
hayes-roth	0.54	0.574	0.475	0.53	0.552	0.455	0.538	0.54
heart	0.584	0.603	0.621	0.556	0.573	0.597	0.574	0.592
housevotes	0.899	0.899	0.879	0.9	0.904	0.887	0.901	0.889
ionosphere	0.836	0.803	0.824	0.829	0.826	0.794	0.827	0.812
iris	0.929	0.922	0.928	0.937	0.918	0.911	0.939	0.924
led7digit	0.654	0.669	0.674	0.656	0.665	0.688	0.657	0.67
lymphography	0.615	0.639	0.636	0.586	0.62	0.635	0.595	0.626
mammographic	0.547	0.562	0.619	0.546	0.574	0.655	0.579	0.595
marketing	0.208	0.213	0.226	0.206	0.212	0.228	0.198	0.205
monks	0.972	0.958	0.957	0.969	0.955	0.946	0.981	0.955
movement_libras	0.707	0.58	0.67	0.705	0.569	0.564	0.688	0.572
mushroom	1.0	0.999	0.998	0.999	0.999	0.998	0.999	1.0
newthyroid	0.901	0.873	0.9	0.898	0.875	0.856	0.896	0.87
nursery	0.981	0.946	0.961	0.979	0.933	0.934	0.979	0.938
pageblocks	0.829	0.82	0.825	0.827	0.82	0.811	0.827	0.822
penbased	0.989	0.982	0.986	0.989	0.979	0.979	0.99	0.981
phoneme	0.699	0.685	0.686	0.695	0.674	0.669	0.699	0.675
pima	0.437	0.421	0.44	0.438	0.413	0.42	0.441	0.431
ring	0.91	0.882	0.916	0.897	0.821	0.884	0.905	0.852
saheart	0.293	0.287	0.304	0.274	0.262	0.25	0.324	0.299
satimage	0.879	0.87	0.87	0.873	0.864	0.868	0.873	0.863
segment	0.965	0.953	0.957	0.963	0.951	0.944	0.959	0.947
sonar	0.557	0.5	0.545	0.553	0.482	0.555	0.514	0.5
spambase	0.875	0.876	0.88	0.865	0.87	0.87	0.869	0.872
spectfheart	0.316	0.249	0.251	0.224	0.166	0.284	0.243	0.144
splice	0.909	0.927	0.927	0.902	0.913	0.929	0.903	0.928
tae	0.18	0.145	0.171	0.172	0.167	0.178	0.244	0.216
texture	0.985	0.954	0.976	0.984	0.948	0.951	0.985	0.949
thyroid	0.961	0.943	0.936	0.958	0.937	0.945	0.958	0.945
tic-tac-toe	0.847	0.739	0.748	0.829	0.664	0.688	0.814	0.676
titanic	0.481	0.483	0.476	0.482	0.48	0.462	0.481	0.486
twonorm	0.947	0.936	0.95	0.948	0.931	0.922	0.948	0.935
vehicle	0.689	0.634	0.669	0.663	0.632	0.624	0.663	0.617
vowel	0.822	0.781	0.775	0.82	0.779	0.726	0.821	0.779
wdbc	0.908	0.879	0.9	0.906	0.864	0.869	0.92	0.884
wine	0.944	0.947	0.958	0.944	0.946	0.94	0.958	0.953
wisconsin	0.936	0.922	0.943	0.942	0.921	0.929	0.935	0.929
yeast	0.451	0.445	0.465	0.45	0.453	0.464	0.46	0.459
zoo	0.912	0.932	0.901	0.906	0.937	0.884	0.882	0.922

4.8 60.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.707	0.73	0.726	0.702	0.731	0.727	0.71	0.731
balance	0.804	0.71	0.8	0.806	0.694	0.714	0.797	0.681
banana	0.763	0.773	0.788	0.769	0.778	0.782	0.77	0.778
bands	0.256	0.228	0.271	0.242	0.195	0.207	0.213	0.2
breast	0.226	0.289	0.3	0.236	0.292	0.313	0.231	0.297
bupa	0.376	0.329	0.341	0.337	0.308	0.318	0.33	0.294
car	0.905	0.813	0.865	0.897	0.801	0.786	0.895	0.805
chess	0.977	0.957	0.966	0.978	0.955	0.948	0.977	0.953
cleveland	0.297	0.29	0.307	0.308	0.298	0.295	0.293	0.306
contraceptive	0.254	0.261	0.269	0.251	0.258	0.267	0.258	0.261
crx	0.73	0.744	0.742	0.72	0.748	0.742	0.72	0.743
dermatology	0.942	0.958	0.96	0.94	0.956	0.961	0.942	0.957
flare-solar	0.645	0.655	0.666	0.644	0.658	0.676	0.65	0.658
german	0.31	0.301	0.317	0.286	0.266	0.285	0.298	0.261
haberman	0.123	0.13	0.112	0.164	0.14	0.14	0.113	0.174
hayes-roth	0.629	0.634	0.573	0.611	0.607	0.505	0.578	0.63
heart	0.628	0.641	0.663	0.632	0.63	0.622	0.635	0.632
housevotes	0.917	0.918	0.93	0.918	0.929	0.92	0.924	0.922
ionosphere	0.852	0.828	0.845	0.862	0.832	0.821	0.863	0.825
iris	0.931	0.921	0.929	0.933	0.921	0.922	0.94	0.919
led7digit	0.644	0.653	0.669	0.644	0.66	0.677	0.645	0.653
lymphography	0.603	0.6	0.612	0.568	0.603	0.597	0.574	0.594
mammographic	0.566	0.576	0.633	0.571	0.59	0.66	0.565	0.573
marketing	0.204	0.211	0.226	0.204	0.21	0.233	0.199	0.206
monks	0.98	0.97	0.969	0.986	0.956	0.951	0.986	0.952
movement_libras	0.733	0.62	0.695	0.734	0.608	0.588	0.736	0.587
mushroom	0.999	0.999	0.998	0.999	0.999	0.998	1.0	1.0
newthyroid	0.913	0.91	0.93	0.912	0.906	0.906	0.912	0.878
nursery	0.987	0.957	0.972	0.987	0.949	0.944	0.986	0.951
pageblocks	0.84	0.828	0.834	0.839	0.833	0.828	0.841	0.833
penbased	0.991	0.984	0.988	0.99	0.983	0.982	0.99	0.983
phoneme	0.713	0.695	0.695	0.712	0.686	0.683	0.708	0.693
pima	0.437	0.437	0.463	0.439	0.444	0.439	0.448	0.425
ring	0.914	0.882	0.917	0.906	0.842	0.887	0.908	0.859
saheart	0.276	0.298	0.304	0.282	0.283	0.291	0.297	0.29
satimage	0.882	0.876	0.875	0.879	0.87	0.874	0.879	0.87
segment	0.968	0.959	0.964	0.968	0.957	0.953	0.967	0.951
sonar	0.517	0.502	0.539	0.523	0.495	0.495	0.551	0.529
spambase	0.883	0.88	0.883	0.878	0.876	0.874	0.88	0.876
spectfheart	0.339	0.249	0.279	0.308	0.193	0.274	0.309	0.179
splice	0.908	0.929	0.931	0.903	0.918	0.93	0.906	0.927
tae	0.246	0.179	0.271	0.252	0.214	0.227	0.257	0.256
texture	0.987	0.957	0.979	0.986	0.954	0.957	0.988	0.956
thyroid	0.969	0.95	0.946	0.968	0.947	0.952	0.966	0.957
tic-tac-toe	0.88	0.776	0.809	0.878	0.714	0.758	0.887	0.738
titanic	0.489	0.489	0.492	0.491	0.489	0.469	0.481	0.486
twonorm	0.948	0.936	0.95	0.948	0.934	0.923	0.948	0.938
vehicle	0.689	0.647	0.677	0.683	0.647	0.641	0.687	0.639
vowel	0.861	0.806	0.82	0.846	0.812	0.759	0.869	0.824
wdbc	0.919	0.89	0.914	0.915	0.877	0.887	0.926	0.894
wine	0.938	0.938	0.953	0.948	0.953	0.941	0.955	0.97
wisconsin	0.932	0.924	0.942	0.936	0.925	0.924	0.932	0.918
yeast	0.459	0.464	0.476	0.465	0.455	0.471	0.462	0.458
zoo	0.901	0.926	0.911	0.904	0.924	0.906	0.898	0.924

4.9 70.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.71	0.727	0.735	0.707	0.721	0.736	0.715	0.722
balance	0.8	0.704	0.797	0.812	0.711	0.719	0.803	0.698
banana	0.765	0.773	0.789	0.772	0.778	0.782	0.77	0.776
bands	0.258	0.257	0.25	0.25	0.235	0.233	0.244	0.21
breast	0.233	0.296	0.304	0.24	0.287	0.256	0.246	0.286
bupa	0.372	0.37	0.36	0.358	0.364	0.354	0.366	0.335
car	0.905	0.827	0.878	0.899	0.826	0.812	0.902	0.811
chess	0.981	0.961	0.97	0.981	0.956	0.952	0.98	0.957
cleveland	0.294	0.286	0.287	0.289	0.278	0.282	0.285	0.277
contraceptive	0.242	0.241	0.265	0.251	0.252	0.272	0.248	0.249
crx	0.726	0.74	0.744	0.724	0.745	0.743	0.725	0.747
dermatology	0.95	0.961	0.962	0.951	0.955	0.965	0.95	0.964
flare-solar	0.638	0.652	0.666	0.645	0.653	0.68	0.65	0.65
german	0.328	0.315	0.335	0.304	0.284	0.29	0.311	0.291
haberman	0.141	0.17	0.123	0.143	0.154	0.191	0.133	0.148
hayes-roth	0.646	0.652	0.609	0.654	0.649	0.525	0.641	0.655
heart	0.588	0.594	0.64	0.588	0.6	0.617	0.587	0.617
housevotes	0.919	0.93	0.928	0.915	0.927	0.928	0.922	0.918
ionosphere	0.857	0.845	0.857	0.85	0.838	0.829	0.851	0.838
iris	0.939	0.926	0.93	0.943	0.932	0.916	0.941	0.932
led7digit	0.671	0.669	0.686	0.667	0.673	0.698	0.666	0.677
lymphography	0.625	0.657	0.646	0.604	0.644	0.666	0.626	0.642
mammographic	0.547	0.577	0.639	0.558	0.583	0.669	0.555	0.571
marketing	0.207	0.212	0.227	0.209	0.213	0.233	0.204	0.212
monks	0.988	0.969	0.965	0.985	0.967	0.949	0.981	0.956
movement_libras	0.764	0.634	0.73	0.773	0.641	0.603	0.776	0.641
mushroom	0.999	0.999	0.998	0.999	0.999	0.999	0.999	0.999
newthyroid	0.926	0.928	0.929	0.917	0.914	0.908	0.91	0.9
nursery	0.991	0.96	0.976	0.992	0.954	0.947	0.991	0.955
pageblocks	0.84	0.837	0.835	0.841	0.837	0.826	0.841	0.837
penbased	0.992	0.985	0.989	0.991	0.985	0.983	0.991	0.985
phoneme	0.723	0.7	0.705	0.717	0.703	0.688	0.714	0.697
pima	0.424	0.443	0.439	0.425	0.446	0.433	0.462	0.444
ring	0.915	0.882	0.918	0.908	0.857	0.886	0.912	0.865
saheart	0.297	0.277	0.321	0.324	0.291	0.28	0.297	0.29
satimage	0.885	0.878	0.878	0.882	0.873	0.875	0.883	0.873
segment	0.97	0.962	0.964	0.969	0.96	0.954	0.968	0.957
sonar	0.546	0.503	0.557	0.549	0.508	0.498	0.563	0.532
spambase	0.882	0.885	0.886	0.88	0.88	0.876	0.881	0.879
spectfheart	0.345	0.273	0.297	0.324	0.249	0.323	0.31	0.167
splice	0.917	0.932	0.932	0.914	0.921	0.934	0.915	0.929
tae	0.234	0.221	0.264	0.227	0.21	0.241	0.268	0.267
texture	0.988	0.961	0.982	0.988	0.958	0.96	0.988	0.959
thyroid	0.97	0.959	0.952	0.968	0.957	0.957	0.972	0.955
tic-tac-toe	0.928	0.826	0.852	0.927	0.789	0.791	0.913	0.784
titanic	0.492	0.492	0.491	0.493	0.492	0.471	0.49	0.488
twonorm	0.948	0.939	0.949	0.949	0.934	0.921	0.949	0.937
vehicle	0.701	0.654	0.69	0.695	0.65	0.64	0.693	0.639
vowel	0.891	0.844	0.85	0.884	0.842	0.809	0.885	0.846
wdbc	0.923	0.891	0.92	0.919	0.886	0.894	0.927	0.888
wine	0.941	0.948	0.957	0.946	0.96	0.945	0.957	0.965
wisconsin	0.932	0.928	0.941	0.934	0.929	0.928	0.937	0.927
yeast	0.462	0.469	0.489	0.466	0.466	0.48	0.472	0.474
zoo	0.909	0.931	0.916	0.904	0.936	0.906	0.906	0.929

4.10 80.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.709	0.724	0.731	0.71	0.733	0.733	0.71	0.724
balance	0.812	0.711	0.804	0.818	0.722	0.731	0.811	0.704
banana	0.77	0.778	0.794	0.773	0.78	0.789	0.773	0.781
bands	0.29	0.296	0.3	0.305	0.287	0.244	0.29	0.252
breast	0.195	0.273	0.301	0.216	0.282	0.274	0.194	0.265
bupa	0.402	0.391	0.397	0.381	0.361	0.403	0.38	0.374
car	0.918	0.847	0.892	0.916	0.842	0.823	0.916	0.839
chess	0.981	0.967	0.976	0.981	0.966	0.956	0.98	0.965
cleveland	0.306	0.286	0.297	0.296	0.297	0.285	0.295	0.279
contraceptive	0.24	0.251	0.264	0.252	0.244	0.279	0.244	0.254
crx	0.731	0.743	0.752	0.733	0.744	0.743	0.724	0.74
dermatology	0.951	0.96	0.963	0.948	0.963	0.963	0.952	0.963
flare-solar	0.647	0.656	0.663	0.651	0.653	0.674	0.649	0.651
german	0.326	0.314	0.326	0.325	0.308	0.273	0.326	0.323
haberman	0.163	0.168	0.118	0.159	0.134	0.138	0.159	0.124
hayes-roth	0.672	0.684	0.593	0.676	0.698	0.553	0.666	0.689
heart	0.579	0.611	0.635	0.597	0.603	0.636	0.573	0.603
housevotes	0.929	0.93	0.934	0.927	0.93	0.932	0.926	0.927
ionosphere	0.87	0.846	0.862	0.866	0.848	0.824	0.861	0.843
iris	0.941	0.932	0.941	0.939	0.926	0.912	0.937	0.93
led7digit	0.66	0.667	0.682	0.658	0.669	0.701	0.659	0.67
lymphography	0.647	0.685	0.676	0.651	0.685	0.683	0.628	0.639
mammographic	0.562	0.592	0.637	0.567	0.588	0.668	0.572	0.591
marketing	0.209	0.214	0.231	0.207	0.214	0.237	0.2	0.209
monks	0.988	0.974	0.968	0.987	0.968	0.949	0.987	0.975
movement_libras	0.778	0.674	0.753	0.773	0.665	0.625	0.79	0.666
mushroom	1.0	0.999	0.999	1.0	0.999	0.999	1.0	1.0
newthyroid	0.932	0.914	0.928	0.915	0.901	0.863	0.91	0.904
nursery	0.992	0.964	0.98	0.992	0.961	0.951	0.992	0.959
pageblocks	0.852	0.84	0.841	0.849	0.844	0.837	0.85	0.842
penbased	0.992	0.986	0.99	0.992	0.986	0.984	0.992	0.985
phoneme	0.739	0.724	0.722	0.743	0.721	0.705	0.737	0.717
pima	0.43	0.442	0.458	0.439	0.448	0.436	0.443	0.448
ring	0.916	0.888	0.918	0.912	0.87	0.895	0.912	0.874
saheart	0.292	0.309	0.306	0.323	0.328	0.301	0.313	0.284
satimage	0.889	0.882	0.881	0.887	0.88	0.877	0.887	0.878
segment	0.973	0.962	0.967	0.972	0.962	0.955	0.97	0.962
sonar	0.587	0.532	0.567	0.579	0.53	0.542	0.577	0.535
spambase	0.885	0.884	0.888	0.885	0.885	0.878	0.886	0.883
spectfheart	0.31	0.252	0.26	0.323	0.249	0.276	0.327	0.19
splice	0.916	0.936	0.933	0.914	0.93	0.933	0.915	0.932
tae	0.234	0.211	0.257	0.23	0.225	0.205	0.278	0.26
texture	0.989	0.964	0.982	0.989	0.962	0.962	0.99	0.963
thyroid	0.972	0.958	0.956	0.97	0.96	0.96	0.97	0.961
tic-tac-toe	0.943	0.867	0.88	0.949	0.845	0.84	0.918	0.803
titanic	0.491	0.497	0.482	0.492	0.495	0.472	0.496	0.49
twonorm	0.949	0.938	0.95	0.949	0.935	0.922	0.949	0.937
vehicle	0.706	0.66	0.695	0.702	0.656	0.646	0.697	0.645
vowel	0.904	0.864	0.872	0.904	0.866	0.823	0.915	0.879
wdbc	0.927	0.891	0.919	0.923	0.885	0.894	0.93	0.897
wine	0.953	0.967	0.973	0.955	0.952	0.955	0.963	0.965
wisconsin	0.936	0.929	0.946	0.934	0.928	0.934	0.932	0.923
yeast	0.465	0.464	0.48	0.465	0.464	0.48	0.468	0.468
zoo	0.881	0.929	0.922	0.898	0.934	0.909	0.915	0.936

4.11 90.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.722	0.733	0.742	0.718	0.743	0.734	0.723	0.74
balance	0.814	0.702	0.806	0.817	0.7	0.72	0.815	0.706
banana	0.767	0.778	0.792	0.765	0.778	0.787	0.767	0.777
bands	0.306	0.291	0.303	0.321	0.286	0.264	0.29	0.305
breast	0.202	0.268	0.281	0.194	0.25	0.277	0.187	0.271
bupa	0.395	0.378	0.374	0.382	0.363	0.394	0.382	0.37
car	0.927	0.859	0.898	0.922	0.852	0.84	0.92	0.856
chess	0.984	0.965	0.978	0.984	0.966	0.955	0.985	0.967
cleveland	0.29	0.28	0.292	0.283	0.288	0.284	0.271	0.286
contraceptive	0.241	0.25	0.265	0.248	0.251	0.275	0.251	0.256
crx	0.73	0.746	0.743	0.731	0.745	0.736	0.727	0.747
dermatology	0.953	0.961	0.965	0.948	0.964	0.959	0.95	0.958
flare-solar	0.65	0.652	0.668	0.65	0.66	0.679	0.653	0.657
german	0.317	0.307	0.331	0.316	0.323	0.276	0.315	0.32
haberman	0.15	0.182	0.146	0.141	0.18	0.171	0.153	0.179
hayes-roth	0.709	0.71	0.659	0.705	0.713	0.657	0.71	0.723
heart	0.611	0.621	0.657	0.629	0.617	0.634	0.62	0.616
housevotes	0.921	0.93	0.928	0.921	0.927	0.928	0.916	0.925
ionosphere	0.863	0.854	0.864	0.869	0.843	0.834	0.868	0.839
iris	0.943	0.924	0.939	0.939	0.918	0.914	0.937	0.918
led7digit	0.666	0.672	0.681	0.661	0.671	0.692	0.663	0.668
lymphography	0.61	0.628	0.639	0.63	0.649	0.667	0.608	0.65
mammographic	0.559	0.584	0.646	0.561	0.582	0.667	0.577	0.589
marketing	0.206	0.216	0.231	0.205	0.215	0.236	0.201	0.21
monks	0.997	0.975	0.967	0.999	0.97	0.95	0.989	0.976
movement_libras	0.807	0.679	0.768	0.801	0.682	0.644	0.803	0.679
mushroom	0.999	0.999	0.999	1.0	0.999	0.999	1.0	1.0
newthyroid	0.923	0.928	0.928	0.925	0.918	0.899	0.917	0.902
nursery	0.993	0.967	0.983	0.994	0.967	0.954	0.994	0.966
pageblocks	0.85	0.839	0.847	0.849	0.838	0.838	0.85	0.838
penbased	0.992	0.988	0.99	0.992	0.987	0.984	0.992	0.986
phoneme	0.747	0.732	0.726	0.746	0.729	0.711	0.747	0.729
pima	0.444	0.455	0.456	0.454	0.451	0.45	0.443	0.439
ring	0.918	0.89	0.92	0.918	0.885	0.898	0.917	0.882
saheart	0.282	0.272	0.296	0.287	0.281	0.29	0.31	0.284
satimage	0.891	0.885	0.883	0.89	0.882	0.879	0.889	0.882
segment	0.975	0.964	0.969	0.974	0.965	0.958	0.973	0.964
sonar	0.592	0.548	0.609	0.605	0.531	0.554	0.603	0.554
spambase	0.891	0.887	0.892	0.891	0.889	0.88	0.888	0.886
spectfheart	0.293	0.265	0.245	0.301	0.267	0.293	0.307	0.286
splice	0.919	0.935	0.937	0.919	0.936	0.933	0.918	0.934
tae	0.258	0.26	0.324	0.261	0.265	0.251	0.333	0.328
texture	0.99	0.966	0.983	0.99	0.965	0.964	0.99	0.966
thyroid	0.974	0.96	0.956	0.974	0.96	0.962	0.972	0.965
tic-tac-toe	0.954	0.875	0.916	0.959	0.885	0.855	0.949	0.867
titanic	0.486	0.486	0.484	0.486	0.489	0.462	0.482	0.482
twonorm	0.949	0.935	0.949	0.948	0.938	0.922	0.948	0.937
vehicle	0.712	0.66	0.689	0.705	0.663	0.657	0.705	0.654
vowel	0.925	0.891	0.899	0.921	0.89	0.849	0.925	0.891
wdbc	0.927	0.896	0.915	0.93	0.887	0.894	0.926	0.901
wine	0.955	0.963	0.975	0.958	0.958	0.951	0.965	0.975
wisconsin	0.938	0.933	0.946	0.936	0.927	0.937	0.932	0.924
yeast	0.466	0.481	0.49	0.47	0.481	0.492	0.472	0.472
zoo	0.921	0.941	0.939	0.908	0.939	0.918	0.898	0.936

4.12 99.0% of labeled data

Dataset	RotF	RF	SSRotF	ST(RotF)	ST(RF)	SSRF	Tri(RotF)	Tri(RF)
australian	0.717	0.735	0.737	0.715	0.738	0.736	0.712	0.743
balance	0.819	0.711	0.807	0.819	0.701	0.721	0.819	0.718
banana	0.767	0.778	0.795	0.769	0.775	0.785	0.767	0.778
bands	0.316	0.327	0.326	0.328	0.286	0.275	0.343	0.288
breast	0.222	0.275	0.288	0.201	0.297	0.287	0.203	0.278
bupa	0.385	0.399	0.39	0.399	0.385	0.399	0.382	0.386
car	0.934	0.871	0.909	0.933	0.88	0.847	0.936	0.872
chess	0.986	0.97	0.979	0.986	0.969	0.958	0.985	0.97
cleveland	0.282	0.263	0.294	0.289	0.289	0.272	0.285	0.285
contraceptive	0.243	0.249	0.269	0.248	0.25	0.283	0.239	0.253
crx	0.737	0.746	0.742	0.738	0.752	0.748	0.737	0.748
dermatology	0.957	0.96	0.965	0.958	0.961	0.965	0.958	0.963
flare-solar	0.651	0.659	0.67	0.658	0.655	0.674	0.654	0.652
german	0.353	0.334	0.35	0.351	0.327	0.317	0.356	0.339
haberman	0.135	0.161	0.137	0.129	0.158	0.175	0.16	0.179
hayes-roth	0.71	0.712	0.654	0.706	0.724	0.653	0.647	0.7
heart	0.611	0.613	0.647	0.613	0.638	0.632	0.634	0.609
housevotes	0.922	0.928	0.935	0.927	0.935	0.932	0.929	0.927
ionosphere	0.877	0.845	0.871	0.876	0.848	0.839	0.883	0.844
iris	0.935	0.927	0.939	0.939	0.925	0.929	0.939	0.933
led7digit	0.664	0.669	0.679	0.665	0.671	0.693	0.659	0.668
lymphography	0.63	0.653	0.659	0.649	0.668	0.667	0.65	0.665
mammographic	0.556	0.578	0.644	0.559	0.58	0.668	0.566	0.593
marketing	0.21	0.218	0.233	0.21	0.216	0.238	0.205	0.212
monks	0.995	0.977	0.976	0.999	0.972	0.95	1.0	0.978
movement_libras	0.812	0.702	0.792	0.815	0.695	0.664	0.813	0.673
mushroom	0.999	0.999	0.999	0.999	0.999	0.999	1.0	1.0
newthyroid	0.923	0.932	0.924	0.923	0.924	0.891	0.917	0.922
nursery	0.995	0.971	0.986	0.995	0.971	0.958	0.995	0.97
pageblocks	0.853	0.846	0.849	0.852	0.845	0.841	0.856	0.846
penbased	0.993	0.988	0.991	0.993	0.988	0.985	0.992	0.987
phoneme	0.754	0.736	0.733	0.749	0.736	0.713	0.753	0.735
pima	0.438	0.459	0.454	0.446	0.443	0.467	0.461	0.445
ring	0.919	0.892	0.918	0.92	0.892	0.898	0.921	0.895
saheart	0.277	0.274	0.306	0.273	0.288	0.277	0.313	0.29
satimage	0.892	0.886	0.884	0.893	0.886	0.883	0.89	0.885
segment	0.976	0.965	0.971	0.974	0.967	0.959	0.975	0.966
sonar	0.608	0.555	0.617	0.598	0.553	0.549	0.644	0.566
spambase	0.892	0.891	0.893	0.893	0.891	0.884	0.896	0.891
spectfheart	0.36	0.328	0.294	0.356	0.288	0.347	0.338	0.241
splice	0.922	0.937	0.936	0.922	0.936	0.939	0.921	0.937
tae	0.285	0.256	0.3	0.304	0.272	0.257	0.324	0.27
texture	0.99	0.967	0.984	0.991	0.967	0.966	0.991	0.968
thyroid	0.972	0.962	0.96	0.973	0.964	0.964	0.975	0.963
tic-tac-toe	0.958	0.9	0.926	0.959	0.901	0.876	0.954	0.886
titanic	0.49	0.49	0.486	0.489	0.49	0.475	0.483	0.483
twonorm	0.948	0.937	0.948	0.948	0.938	0.921	0.949	0.94
vehicle	0.716	0.663	0.705	0.715	0.669	0.663	0.705	0.657
vowel	0.936	0.907	0.915	0.933	0.901	0.868	0.946	0.918
wdbc	0.926	0.893	0.921	0.926	0.891	0.894	0.932	0.898
wine	0.96	0.963	0.963	0.961	0.962	0.953	0.965	0.965
wisconsin	0.939	0.93	0.945	0.937	0.931	0.937	0.935	0.926
yeast	0.478	0.475	0.492	0.473	0.472	0.486	0.472	0.482
zoo	0.926	0.936	0.924	0.918	0.934	0.919	0.926	0.931