

Neural Networks	Prec						Recall						F_1						gmean						ROC AUC					
	Ranking	Baseline	Weights	SMOTE	MSMOTE	MetaCost	Ranking	Baseline	Weights	SMOTE	MSMOTE	MetaCost	Ranking	Baseline	Weights	SMOTE	MSMOTE	MetaCost	Ranking	Baseline	Weights	SMOTE	MSMOTE	MetaCost	Ranking	Baseline	Weights	SMOTE	MSMOTE	MetaCost
sonar	0.854	0.858	0.849	0.751	0.754	0.740	0.772	0.764	0.765	0.726	0.726	0.726	0.805	0.804	0.801	0.731	0.732	0.725	0.406	0.408	0.406	0.370	0.371	0.366	0.881	0.896	0.895	0.830	0.829	0.817
breast-cancer-wisconsin	0.922	0.930	0.927	0.930	0.929	0.933	0.972	0.956	0.969	0.982	0.982	0.979	0.946	0.942	0.947	0.955	0.954	0.955	0.458	0.455	0.457	0.461	0.461	0.461	0.975	0.989	0.991	0.994	0.993	0.994
german	0.492	0.565	0.529	0.500	0.488	0.522	0.556	0.526	0.568	0.813	0.818	0.776	0.513	0.540	0.543	0.618	0.609	0.623	0.285	0.300	0.303	0.332	0.327	0.336	0.665	0.744	0.721	0.808	0.807	0.809
haberman	0.409	0.528	0.420	0.312	0.303	0.398	0.542	0.305	0.548	0.777	0.792	0.673	0.444	0.361	0.459	0.435	0.431	0.497	0.249	0.218	0.267	0.207	0.203	0.285	0.604	0.675	0.678	0.676	0.663	0.688
transfusion	0.408	0.634	0.433	0.363	0.372	0.410	0.676	0.306	0.647	0.783	0.786	0.732	0.495	0.391	0.506	0.492	0.502	0.525	0.278	0.220	0.284	0.277	0.284	0.297	0.549	0.764	0.753	0.757	0.755	0.758
vehicle-van	0.934	0.944	0.939	0.426	0.428	0.425	0.955	0.939	0.947	1.000	1.000	0.998	0.944	0.940	0.941	0.593	0.596	0.596	0.410	0.407	0.408	0.316	0.317	0.323	0.982	0.996	0.996	0.985	0.985	0.923
CTG	0.967	0.966	0.954	0.891	0.890	0.906	0.955	0.963	0.973	0.951	0.950	0.946	0.961	0.965	0.963	0.919	0.919	0.925	0.403	0.405	0.406	0.397	0.397	0.398	0.993	0.997	0.998	0.993	0.993	0.993
hepatitis	0.582	0.539	0.535	0.483	0.494	0.559	0.658	0.504	0.550	0.592	0.579	0.704	0.600	0.502	0.528	0.520	0.515	0.611	0.300	0.263	0.275	0.279	0.275	0.309	0.828	0.803	0.801	0.795	0.791	0.846
segment-1	0.983	0.993	0.963	0.978	0.979	0.978	0.996	0.987	0.993	0.991	0.990	0.994	0.989	0.990	0.975	0.984	0.984	0.986	0.349	0.347	0.347	0.348	0.348	0.348	0.999	0.999	0.999	0.996	0.996	0.996
winequality-red-7,8	0.405	0.546	0.390	0.189	0.190	0.156	0.608	0.442	0.737	0.960	0.963	0.998	0.477	0.482	0.508	0.316	0.317	0.269	0.238	0.218	0.264	0.198	0.198	0.133	0.555	0.823	0.843	0.790	0.786	0.655
vowel-1	0.342	0.960	0.785	0.320	0.322	0.234	0.553	0.936	0.961	0.996	0.994	1.000	0.397	0.946	0.855	0.480	0.482	0.379	0.194	0.277	0.277	0.252	0.252	0.235	0.516	0.989	0.973	0.963	0.954	0.899
abalone-9vs18	0.553	0.664	0.251	0.199	0.266	0.293	0.519	0.428	0.762	0.900	0.847	0.847	0.511	0.485	0.362	0.301	0.347	0.358	0.158	0.144	0.179	0.166	0.165	0.142	0.801	0.917	0.907	0.927	0.922	0.889
glass-6	0.018	0.000	0.088	0.328	0.335	0.245	0.050	0.000	0.438	0.637	0.600	0.425	0.024	0.000	0.136	0.350	0.347	0.290	0.013	0.000	0.094	0.122	0.118	0.096	0.442	0.338	0.556	0.683	0.698	0.610
car-good	0.782	0.860	0.608	0.292	0.287	0.251	0.929	0.854	0.979	0.973	0.771	0.959	0.839	0.849	0.737	0.447	0.402	0.392	0.188	0.181	0.192	0.184	0.162	0.179	0.959	0.996	0.982	0.966	0.951	0.953
yeast-ME1	0.573	0.671	0.371	0.455	0.504	0.435	0.783	0.553	0.983	0.911	0.781	0.967	0.653	0.564	0.528	0.603	0.583	0.597	0.149	0.123	0.164	0.160	0.147	0.165	0.950	0.986	0.983	0.986	0.984	0.986
Average	0.615	0.710	0.603	0.494	0.503	0.499	0.702	0.631	0.788	0.866	0.839	0.848	0.640	0.651	0.653	0.583	0.581	0.582	0.272	0.264	0.288	0.271	0.268	0.271	0.780	0.861	0.872	0.876	0.874	0.854
Winner	26%	93%	13%	13%	13%	13%	13%	6%	26%	60%	40%	46%	46%	40%	33%	20%	13%	33%	26%	20%	53%	13%	13%	46%	26%	60%	40%	26%	13%	33%