TABLE III
MODEL EVALUATION RESULTS ON SMALL DATASETS

Dataset	Model	Method	Ratio 0.0 STD	Ratio 0.0 F1	Ratio 0.5 STD	Ratio 0.5 F1	Ratio 0.6 STD	Ratio 0.6 F1	Ratio 0.7 STD	Ratio 0.7 F1	Ratio 0.8 STD	Ratio 0.8 F1	Ratio 0.9 STD	Ratio 0.9 F1	Avg. F1
Banana	DT	ClusterCentroids	0.017	0.877	0.009	0.890	0.013	**0.884**	0.015	**0.873**	0.153	0.776	0.019	0.793	0.828
		IRB			0.016	**0.894**	0.026	0.866	0.056	0.789	0.067	0.567	0.064	0.362	0.643
		NearMiss-1			0.025	0.867	0.022	0.851	0.050	0.820	0.038	0.809	0.060	0.706	0.794
		NearMiss-2			0.028	0.800	0.022	0.795	0.051	0.721	0.078	0.675	0.052	0.687	0.708
		NearMiss-3			0.037	0.853	0.249	0.705	0.019	0.818	0.050	0.780	0.079	0.633	0.740
		RandomSampler			0.022	0.881	0.064	0.838	0.025	0.858	0.015	**0.861**	0.034	**0.810**	0.838
	KNN	ClusterCentroids	0.008	0.901	0.011	0.902	0.010	**0.903**	0.010	**0.903**	0.007	**0.899**	0.007	**0.900**	**0.901**
		IRB			0.009	**0.907**	0.010	0.902	0.011	0.888	0.036	0.628	0.008	0.267	0.647
		NearMiss-1			0.005	0.897	0.006	0.891	0.009	0.881	0.011	0.864	0.006	0.846	0.865
		NearMiss-2			0.015	0.814	0.010	0.794	0.016	0.764	0.014	0.717	0.035	0.676	0.730
		NearMiss-3			0.006	0.894	0.008	0.888	0.007	0.872	0.012	0.866	0.026	0.792	0.831
		RandomSampler			0.008	0.905	0.007	0.900	0.009	0.895	0.002	0.894	0.006	0.884	0.891
	NN	ClusterCentroids	0.012	0.905	0.010	**0.903**	0.009	0.901	0.007	**0.903**	0.010	**0.901**	0.010	**0.897**	**0.900**
		IRB			0.010	0.900	0.012	0.898	0.011	0.887	0.087	0.638	0.043	0.365	0.680
		NearMiss-1			0.007	0.892	0.010	0.886	0.007	0.882	0.012	0.875	0.015	0.857	0.869
		NearMiss-2			0.019	0.800	0.018	0.752	0.007	0.708	0.022	0.648	0.012	0.587	0.674
		NearMiss-3			0.008	0.901	0.010	0.897	0.006	0.890	0.010	0.895	0.061	0.861	0.841
		RandomSampler			0.010	0.901	0.007	**0.902**	0.007	0.899	0.006	0.898	0.008	0.890	0.893
	RF	ClusterCentroids	0.009	0.899	0.006	0.920	0.010	0.915	0.012	**0.906**	0.005	**0.902**	0.008	**0.896**	**0.906**
		IRB			0.007	**0.926**	0.011	**0.920**	0.014	0.897	0.047	0.566	0.018	0.263	0.646
		NearMiss-1			0.008	0.905	0.007	0.896	0.012	0.886	0.006	0.867	0.030	0.825	0.860
		NearMiss-2			0.009	0.782	0.012	0.739	0.010	0.683	0.010	0.621	0.051	0.616	0.679
		NearMiss-3			0.008	0.922	0.008	0.902	0.009	0.881	0.016	0.865	0.049	0.775	0.845
		RandomSampler			0.005	0.917	0.007	0.911	0.012	0.903	0.007	0.895	0.015	0.884	0.892
Bupa	DT	ClusterCentroids	0.064	0.585	0.022	**0.696**	0.063	0.659	0.088	0.608	0.049	**0.619**	0.046	**0.571**	**0.620**
		IRB			0.074	0.669	0.066	**0.698**	0.087	**0.644**	0.054	0.614	0.104	0.545	0.611
		NearMiss-1			0.045	0.681	0.091	0.653	0.046	0.627	0.069	0.596	0.070	0.509	0.597
		NearMiss-2			0.052	0.656	0.113	0.653	0.072	0.546	0.037	0.535	0.057	0.452	0.538
		NearMiss-3			0.049	0.626	0.033	0.645	0.058	0.609	0.070	0.524	0.119	0.451	0.530
		RandomSampler			0.073	0.678	0.042	0.649	0.102	0.633	0.060	0.553	0.073	0.563	0.597
	KNN	ClusterCentroids	0.079	0.650	0.059	**0.801**	0.063	0.739	0.054	0.697	0.045	0.635	0.026	**0.634**	0.684
		IRB			0.089	0.769	0.058	**0.742**	0.077	0.707	0.066	**0.718**	0.050	0.621	**0.688**
		NearMiss-1			0.090	0.748	0.063	0.690	0.078	**0.709**	0.020	0.668	0.080	0.529	0.636
		NearMiss-2			0.066	0.694	0.106	0.655	0.041	0.597	0.046	0.584	0.059	0.524	0.594
		NearMiss-3			0.076	0.730	0.074	0.728	0.037	0.662	0.067	0.607	0.052	0.590	0.638
		RandomSampler			0.069	0.789	0.060	0.720	0.078	0.673	0.048	0.695	0.046	0.590	0.666
	NN	ClusterCentroids	0.048	0.717	0.045	**0.812**	0.076	**0.782**	0.074	0.768	0.056	0.731	0.071	**0.711**	**0.748**
		IRB			0.033	0.773	0.043	0.767	0.045	0.730	0.073	0.726	0.050	0.704	0.706
		NearMiss-1			0.069	0.792	0.067	0.724	0.054	0.759	0.041	0.691	0.064	0.661	0.700
		NearMiss-2			0.034	0.711	0.061	0.678	0.029	0.608	0.085	0.645	0.028	0.550	0.621
		NearMiss-3			0.057	0.762	0.068	0.768	0.040	0.679	0.073	0.619	0.072	0.551	0.662
		RandomSampler			0.046	0.792	0.060	0.748	0.071	0.745	0.028	0.723	0.059	0.671	0.707
	RF	ClusterCentroids	0.079	0.750	0.040	0.772	0.045	0.730	0.058	0.707	0.074	**0.737**	0.045	**0.708**	**0.671**
		IRB			0.060	0.757	0.050	0.732	0.088	0.688	0.073	0.705	0.086	0.591	0.650
		NearMiss-1			0.103	0.754	0.062	0.711	0.080	**0.716**	0.068	0.692	0.082	0.567	0.639
		NearMiss-2			0.046	0.685	0.087	0.653	0.023	0.602	0.066	0.563	0.054	0.533	0.581
		NearMiss-3			0.032	0.737	0.055	0.731	0.046	0.627	0.073	0.664	0.090	0.543	0.624
		RandomSampler			0.041	**0.792**	0.046	**0.769**	0.071	0.692	0.023	0.716	0.059	0.599	0.667
Monk-2	DT	ClusterCentroids	0.000	1.000	0.000	**1.000**	0.000	**1.000**	0.030	0.970	0.024	0.967	0.013	**0.974**	0.930
		IRB			0.000	1.000	0.000	1.000	0.219	0.711	0.069	0.584	0.069	0.584	0.711
		NearMiss-1			0.111	0.863	0.022	0.795	0.022	0.795	0.042	0.773	0.087	0.669	0.751
		NearMiss-2			0.000	1.000	0.000	1.000	0.021	0.991	0.022	0.977	0.022	0.965	0.969
		NearMiss-3			0.013	0.974	0.013	0.974	0.018	0.972	0.100	0.927	0.100	0.927	0.950
		RandomSampler			0.000	1.000	0.021	0.991	0.000	**1.000**	0.020	0.988	0.025	0.963	**0.985**
	KNN	ClusterCentroids	0.013	0.961	0.027	**0.954**	0.015	**0.963**	0.021	**0.940**	0.013	**0.928**	0.037	**0.903**	**0.929**
		IRB			0.015	0.933	0.038	0.871	0.037	0.798	0.060	0.720	0.063	0.593	0.728
		NearMiss-1			0.062	0.817	0.011	0.779	0.023	0.701	0.038	0.693	0.030	0.602	0.686
		NearMiss-2			0.019	0.919	0.033	0.895	0.046	0.857	0.028	0.843	0.034	0.834	0.858
		NearMiss-3			0.042	0.871	0.052	0.799	0.068	0.784	0.083	0.771	0.071	0.696	0.771
		RandomSampler			0.025	0.940	0.035	0.916	0.034	0.903	0.046	0.852	0.054	0.852	0.868
	NN	ClusterCentroids	0.000	1.000	0.013	0.986	0.014	**0.977**	0.006	**0.972**	0.027	**0.930**	0.030	0.887	**0.934**
		IRB			0.000	**1.000**	0.034	0.972	0.046	0.847	0.053	0.777	0.069	0.409	0.731
		NearMiss-1			0.092	0.849	0.023	0.788	0.042	0.731	0.052	0.675	0.066	0.657	0.708
		NearMiss-2			0.037	0.946	0.092	0.880	0.092	0.813	0.055	0.791	0.064	0.780	0.821
		NearMiss-3			0.018	0.970	0.064	0.883	0.044	0.862	0.058	0.850	0.096	0.773	0.850
		RandomSampler			0.008	0.988	0.019	0.974	0.034	0.947	0.039	0.924	0.033	0.845	0.914
	RF	ClusterCentroids	0.005	0.998	0.006	0.993	0.012	**0.988**	0.010	**0.982**	0.019	**0.975**	0.025	0.935	0.929
		IRB			0.000	**1.000**	0.033	0.977	0.022	0.908	0.032	0.871	0.122	0.494	0.777
		NearMiss-1			0.101	0.882	0.022	0.795	0.119	0.710	0.070	0.747	0.080	0.672	0.721
		NearMiss-2			0.012	0.988	0.021	0.981	0.030	0.963	0.018	0.972	0.019	**0.956**	0.951
		NearMiss-3			0.008	0.977	0.013	0.974	0.027	0.965	0.108	0.905	0.092	0.844	0.921
		RandomSampler			0.006	0.993	0.024	0.979	0.005	0.979	0.013	0.975	0.043	0.954	**0.967**
Pima	DT	ClusterCentroids	0.018	0.698	0.043	0.744	0.038	0.731	0.037	0.717	0.030	0.682	0.039	0.656	0.701
		IRB			0.045	0.767	0.031	0.713	0.056	0.676	0.039	0.653	0.047	0.523	0.639
		NearMiss-1			0.028	0.744	0.022	0.726	0.026	0.710	0.044	0.710	0.062	0.665	0.690
		NearMiss-2			0.078	0.692	0.054	0.719	0.082	0.681	0.052	0.715	0.063	0.685	0.689
		NearMiss-3			0.032	0.768	0.023	0.736	0.050	0.738	0.031	**0.738**	0.070	0.643	0.708
		RandomSampler			0.028	**0.775**	0.036	**0.748**	0.062	0.721	0.032	0.706	0.026	**0.715**	**0.714**
	KNN	ClusterCentroids	0.033	0.729	0.019	0.760	0.018	**0.758**	0.017	**0.764**	0.023	**0.733**	0.024	**0.753**	**0.751**
		IRB			0.038	0.717	0.032	0.689	0.022	0.651	0.023	0.613	0.023	0.526	0.615
		NearMiss-1			0.024	0.729	0.015	0.729	0.022	0.723	0.032	0.712	0.027	0.678	0.698
		NearMiss-2			0.037	0.705	0.037	0.723	0.025	0.713	0.035	0.705	0.033	0.681	0.705
		NearMiss-3			0.031	0.747	0.036	0.723	0.040	0.728	0.030	0.723	0.044	0.657	0.692
		RandomSampler			0.014	**0.770**	0.013	0.751	0.026	0.716	0.032	0.723	0.013	0.704	0.730
	NN	ClusterCentroids	0.013	0.760	0.028	0.812	0.030	**0.800**	0.038	**0.798**	0.018	**0.784**	0.046	**0.750**	**0.785**
		IRB			0.037	0.754	0.050	0.775	0.033	0.699	0.049	0.635	0.058	0.542	0.646
		NearMiss-1			0.015	0.764	0.036	0.758	0.034	0.737	0.019	0.740	0.045	0.697	0.719
		NearMiss-2			0.037	0.704	0.059	0.723	0.059	0.747	0.034	0.729	0.035	0.695	0.708
		NearMiss-3			0.015	**0.822**	0.026	0.798	0.032	0.771	0.024	0.774	0.045	0.739	0.759
		RandomSampler			0.016	0.817	0.015	0.766	0.023	0.768	0.025	0.739	0.022	0.723	0.749
	RF	ClusterCentroids	0.011	0.750	0.029	0.852	0.026	0.834	0.024	0.803	0.021	0.778	0.040	**0.767**	**0.797**
		IRB			0.029	0.817	0.021	0.845	0.034	0.778	0.053	0.669	0.045	0.557	0.690
		NearMiss-1			0.037	0.839	0.032	0.808	0.041	0.791	0.051	0.778	0.036	0.743	0.769
		NearMiss-2			0.026	0.749	0.028	0.755	0.035	0.759	0.023	0.758	0.030	0.740	0.731
		NearMiss-3			0.024	**0.880**	0.041	**0.847**	0.022	**0.813**	0.031	**0.779**	0.009	0.732	0.787
		RandomSampler			0.012	0.858	0.041	0.811	0.021	0.783	0.026	0.761	0.020	0.747	0.776

TABLE IV
MODEL EVALUATION RESULTS ON LARGE DATASETS

Dataset	Model	Method	Ratio 0.0 STD	0.0 F1	0.5 STD	0.5 F1	0.6 STD	0.6 F1	0.7 STD	0.7 F1	0.8 STD	0.8 F1	0.9 STD	0.9 F1	Avg. F1
Kddcup	DT	ClusterCentroids	0.000	1.000	0.000	1.000	0.000	**1.000**	0.000	**1.000**	0.000	**1.000**	0.001	0.999	0.999
		IRB			0.000	1.000	0.000	1.000	0.000	1.000	0.116	0.948	0.148	0.931	0.968
		NearMiss-1			0.000	1.000	0.000	1.000	0.001	0.999	0.035	0.973	0.062	0.940	0.957
		NearMiss-2			0.078	0.779	0.004	0.745	0.070	0.826	0.072	0.798	0.060	0.771	0.791
		NearMiss-3			0.019	0.982	0.000	0.999	0.016	0.992	0.000	0.999	0.012	0.982	0.988
		RandomSampler			0.000	**1.000**	0.000	1.000	0.000	1.000	0.000	1.000	0.001	**0.999**	**0.999**
	KNN	ClusterCentroids	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	**1.000**	0.000	0.999	1.000
		IRB			0.000	**1.000**	0.000	**1.000**	0.000	1.000	0.000	1.000	0.149	0.933	0.978
		NearMiss-1			0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.149	0.932	0.976
		NearMiss-2			0.017	0.756	0.066	0.798	0.011	0.964	0.022	0.867	0.007	0.780	0.821
		NearMiss-3			0.000	1.000	0.001	0.999	0.001	1.000	0.002	0.994	0.002	0.990	0.994
		RandomSampler			0.000	1.000	0.000	1.000	0.000	**1.000**	0.000	1.000	0.000	**1.000**	**1.000**
	NN	ClusterCentroids	0.000	1.000	0.000	1.000	0.000	**1.000**	0.000	**1.000**	0.000	0.999	0.999		0.999
		IRB			0.000	**1.000**	0.121	0.946	0.117	0.790	0.118	0.788	0.045	0.700	0.832
		NearMiss-1			0.000	1.000	0.004	0.998	0.118	0.787	0.118	0.787	0.195	0.905	0.909
		NearMiss-2			0.125	0.868	0.151	0.856	0.112	0.853	0.143	0.780	0.095	0.727	0.825
		NearMiss-3			0.018	0.991	0.028	0.979	0.001	0.998	0.019	0.990	0.002	0.996	0.990
		RandomSampler			0.000	1.000	0.000	**1.000**	0.000	1.000	0.000	0.999	0.001	0.999	0.999
	RF	ClusterCentroids	0.000	1.000	0.000	**1.000**	0.000	**1.000**	0.000	**1.000**	0.000	**1.000**	0.000	**1.000**	**1.000**
		IRB			0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.149	0.933	0.978
		NearMiss-1			0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.146	0.929	0.956
		NearMiss-2			0.004	0.746	0.004	0.746	0.077	0.781	0.005	0.744	0.077	0.802	0.761
		NearMiss-3			0.013	0.992	0.004	0.998	0.001	1.000	0.000	1.000	0.004	0.997	0.997
		RandomSampler			0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	0.000	1.000	1.000
Magic	DT	ClusterCentroids	0.003	0.841	0.004	0.849	0.010	0.836	0.009	0.824	0.012	0.808	0.018	0.787	0.816
		IRB			0.007	0.739	0.020	0.726	0.029	0.690	0.042	0.637	0.031	0.571	0.642
		NearMiss-1			0.013	0.746	0.029	0.736	0.020	0.733	0.028	0.706	0.040	0.659	0.701
		NearMiss-2			0.014	0.640	0.019	0.597	0.021	0.549	0.069	0.554	0.085	0.696	0.620
		NearMiss-3			0.014	0.850	0.012	0.824	0.012	0.789	0.011	0.747	0.013	0.710	0.764
		RandomSampler			0.005	**0.861**	0.004	**0.855**	0.011	**0.843**	0.012	**0.825**	0.014	**0.807**	**0.828**
	KNN	ClusterCentroids	0.006	0.839	0.007	0.894	0.005	0.878	0.005	0.868	0.002	0.854	0.004	**0.838**	0.860
		IRB			0.009	0.821	0.006	0.840	0.017	0.786	0.021	0.718	0.012	0.602	0.717
		NearMiss-1			0.005	0.825	0.011	0.813	0.008	0.810	0.021	0.790	0.037	0.707	0.767
		NearMiss-2			0.004	0.669	0.006	0.622	0.010	0.587	0.027	0.599	0.009	0.788	0.665
		NearMiss-3			0.004	0.894	0.007	0.843	0.009	0.788	0.009	0.729	0.007	0.660	0.756
		RandomSampler			0.005	**0.918**	0.005	**0.900**	0.003	**0.882**	0.006	**0.861**	0.004	0.835	**0.868**
	NN	ClusterCentroids	0.005	0.876	0.006	0.872	0.007	0.869	0.002	0.866	0.003	**0.860**	0.003	**0.845**	**0.858**
		IRB			0.013	0.726	0.020	0.703	0.022	0.684	0.026	0.617	0.024	0.544	0.622
		NearMiss-1			0.016	0.732	0.027	0.717	0.020	0.725	0.017	0.718	0.015	0.648	0.691
		NearMiss-2			0.004	0.595	0.009	0.548	0.015	0.494	0.077	0.494	0.008	0.762	0.602
		NearMiss-3			0.002	0.871	0.007	0.856	0.005	0.826	0.012	0.759	0.007	0.694	0.777
		RandomSampler			0.004	**0.872**	0.004	**0.870**	0.004	**0.867**	0.003	0.859	0.012	0.843	0.857
	RF	ClusterCentroids	0.006	0.879	0.006	0.911	0.006	0.895	0.007	0.879	0.009	0.865	0.004	0.844	0.869
		IRB			0.012	0.761	0.011	0.789	0.016	0.733	0.020	0.667	0.018	0.569	0.667
		NearMiss-1			0.010	0.765	0.012	0.739	0.020	0.744	0.022	0.727	0.052	0.657	0.705
		NearMiss-2			0.010	0.643	0.012	0.597	0.012	0.542	0.019	0.500	0.112	0.750	0.624
		NearMiss-3			0.002	**0.930**	0.005	0.888	0.007	0.818	0.009	0.760	0.006	0.698	0.791
		RandomSampler			0.005	0.921	0.004	**0.908**	0.004	**0.893**	0.005	**0.877**	0.005	**0.854**	**0.880**
Phoneme	DT	ClusterCentroids	0.017	0.871	0.011	0.886	0.008	0.868	0.019	0.849	0.013	0.831	0.015	0.800	0.836
		IRB			0.029	0.778	0.021	0.765	0.028	0.722	0.059	0.622	0.069	0.541	0.650
		NearMiss-1			0.034	0.886	0.054	0.841	0.080	0.741	0.078	0.692	0.054	0.621	0.725
		NearMiss-2			0.009	0.722	0.016	0.687	0.028	0.658	0.037	0.634	0.042	0.733	0.669
		NearMiss-3			0.052	0.839	0.048	0.821	0.041	0.785	0.039	0.780	0.033	0.690	0.750
		RandomSampler			0.007	**0.903**	0.008	**0.876**	0.009	**0.863**	0.013	**0.838**	0.016	0.796	**0.841**
	KNN	ClusterCentroids	0.010	0.894	0.012	0.900	0.010	0.889	0.012	0.875	0.013	**0.863**	0.010	**0.839**	**0.865**
		IRB			0.024	0.855	0.017	0.854	0.028	0.784	0.045	0.696	0.046	0.528	0.698
		NearMiss-1			0.019	0.906	0.030	0.839	0.043	0.780	0.058	0.696	0.048	0.537	0.703
		NearMiss-2			0.010	0.790	0.013	0.770	0.015	0.753	0.011	0.754	0.018	0.786	0.771
		NearMiss-3			0.004	**0.958**	0.006	**0.932**	0.011	**0.902**	0.013	0.853	0.010	0.761	0.846
		RandomSampler			0.018	0.910	0.003	0.892	0.009	0.869	0.009	0.849	0.007	0.816	0.856
	NN	ClusterCentroids	0.009	0.886	0.010	**0.889**	0.011	**0.890**	0.011	**0.872**	0.009	**0.865**	0.009	**0.831**	**0.856**
		IRB			0.045	0.741	0.024	0.775	0.072	0.643	0.047	0.551	0.060	0.494	0.610
		NearMiss-1			0.056	0.797	0.020	0.728	0.031	0.668	0.046	0.609	0.070	0.535	0.633
		NearMiss-2			0.010	0.697	0.017	0.680	0.017	0.648	0.020	0.678	0.008	0.783	0.707
		NearMiss-3			0.048	0.842	0.016	0.822	0.054	0.804	0.063	0.788	0.057	0.744	0.773
		RandomSampler			0.009	0.888	0.009	0.881	0.012	0.863	0.011	0.853	0.020	0.828	0.851
	RF	ClusterCentroids	0.007	0.910	0.014	0.925	0.009	0.913	0.013	0.894	0.014	0.878	0.011	**0.850**	**0.881**
		IRB			0.047	0.808	0.028	0.787	0.008	0.712	0.059	0.613	0.075	0.521	0.646
		NearMiss-1			0.018	0.911	0.040	0.837	0.038	0.772	0.115	0.699	0.079	0.586	0.735
		NearMiss-2			0.014	0.737	0.019	0.696	0.020	0.657	0.033	0.674	0.050	0.724	0.706
		NearMiss-3			0.012	**0.946**	0.009	**0.926**	0.011	**0.904**	0.015	0.864	0.015	0.760	0.837
		RandomSampler			0.012	0.922	0.009	0.906	0.004	0.887	0.014	0.871	0.008	0.831	0.871
Ring	DT	ClusterCentroids	0.012	0.896	0.008	0.894	0.011	0.873	0.008	0.843	0.028	0.806	0.020	0.745	0.803
		IRB			0.008	0.906	0.010	0.874	0.016	0.860	0.012	0.802	0.017	0.752	0.818
		NearMiss-1			0.005	0.895	0.012	0.879	0.014	0.862	0.007	0.840	0.015	0.778	0.833
		NearMiss-2			0.007	0.887	0.008	0.862	0.023	0.840	0.016	0.819	0.031	0.756	0.813
		NearMiss-3			0.009	0.918	0.011	**0.906**	0.012	**0.893**	0.015	0.877	0.019	**0.843**	**0.879**
		RandomSampler			0.004	**0.923**	0.015	0.901	0.010	0.885	0.015	0.858	0.014	0.831	0.868
	KNN	ClusterCentroids	0.009	0.681	0.004	0.748	0.012	0.749	0.010	0.747	0.015	0.761	0.003	**0.786**	0.767
		IRB			0.008	**0.794**	0.010	0.778	0.008	0.772	0.007	0.749	0.008	0.728	0.753
		NearMiss-1			0.006	0.781	0.011	0.781	0.005	0.778	0.009	0.757	0.010	0.727	0.752
		NearMiss-2			0.008	0.784	0.009	**0.787**	0.005	**0.784**	0.008	0.771	0.013	0.756	**0.769**
		NearMiss-3			0.007	0.557	0.006	0.518	0.010	0.480	0.011	0.436	0.005	0.393	0.459
		RandomSampler			0.004	0.705	0.005	0.674	0.005	0.641	0.009	0.615	0.009	0.560	0.619
	NN	ClusterCentroids	0.005	0.973	0.005	0.974	0.005	0.967	0.004	0.957	0.003	0.926	0.021	0.853	0.912
		IRB			0.003	0.966	0.004	0.953	0.006	0.944	0.010	0.903	0.044	0.764	0.857
		NearMiss-1			0.002	0.965	0.007	0.956	0.005	0.946	0.011	0.924	0.024	0.877	0.902
		NearMiss-2			0.009	0.949	0.008	0.936	0.006	0.923	0.011	0.903	0.027	0.850	0.881
		NearMiss-3			0.006	0.947	0.006	0.934	0.004	0.931	0.005	0.927	0.016	0.893	0.918
		RandomSampler			0.004	**0.978**	0.007	**0.974**	0.007	**0.963**	0.005	**0.953**	0.000	**0.900**	**0.939**
	RF	ClusterCentroids	0.005	0.952	0.002	0.962	0.006	0.952	0.011	0.939	0.007	0.915	0.010	0.844	0.894
		IRB			0.005	0.945	0.007	0.931	0.007	0.910	0.006	0.886	0.022	0.820	0.875
		NearMiss-1			0.005	0.947	0.005	0.931	0.008	0.916	0.007	0.900	0.013	0.881	0.908
		NearMiss-2			0.005	0.933	0.005	0.921	0.005	0.898	0.010	0.882	0.012	0.828	0.874
		NearMiss-3			0.003	0.967	0.005	0.960	0.007	0.952	0.010	0.942	0.007	0.930	0.942
		RandomSampler			0.006	**0.970**	0.001	**0.964**	0.004	**0.957**	0.005	**0.951**	0.013	**0.941**	**0.952**