

Dataset	Model	Fold	ROC_AUC	F1	Precision	Recall
Mixed	LightGBM	1	0.958	0.892	0.851	0.938
Mixed	LightGBM	2	0.955	0.893	0.855	0.934
Mixed	LightGBM	3	0.955	0.894	0.852	0.941
Mixed	LightGBM	4	0.959	0.900	0.863	0.940
Mixed	LightGBM	5	0.956	0.887	0.849	0.929
Mixed	LightGBM	6	0.962	0.906	0.869	0.945
Mixed	LightGBM	7	0.957	0.893	0.850	0.939
Mixed	LightGBM	8	0.952	0.886	0.845	0.931
Mixed	LightGBM	9	0.947	0.888	0.847	0.934
Mixed	LightGBM	10	0.953	0.887	0.849	0.929
Urban	LightGBM	1	0.966	0.922	0.880	0.968
Urban	LightGBM	2	0.971	0.924	0.878	0.975
Urban	LightGBM	3	0.970	0.924	0.887	0.965
Urban	LightGBM	4	0.976	0.930	0.892	0.972
Urban	LightGBM	5	0.973	0.927	0.892	0.965
Urban	LightGBM	6	0.974	0.935	0.910	0.962
Urban	LightGBM	7	0.975	0.936	0.906	0.968
Urban	LightGBM	8	0.960	0.909	0.877	0.943
Urban	LightGBM	9	0.967	0.917	0.883	0.953
Urban	LightGBM	10	0.972	0.927	0.892	0.965
Rural	LightGBM	1	0.947	0.880	0.831	0.936
Rural	LightGBM	2	0.944	0.872	0.820	0.932
Rural	LightGBM	3	0.938	0.870	0.824	0.921
Rural	LightGBM	4	0.942	0.874	0.826	0.928
Rural	LightGBM	5	0.952	0.883	0.843	0.927
Rural	LightGBM	6	0.946	0.876	0.833	0.925
Rural	LightGBM	7	0.957	0.893	0.854	0.935
Rural	LightGBM	8	0.951	0.882	0.833	0.937
Rural	LightGBM	9	0.948	0.886	0.843	0.934
Rural	LightGBM	10	0.954	0.887	0.837	0.942
Mixed	LogisticRegression	1	0.730	0.661	0.663	0.658
Mixed	LogisticRegression	2	0.741	0.673	0.681	0.664
Mixed	LogisticRegression	3	0.739	0.656	0.679	0.634
Mixed	LogisticRegression	4	0.735	0.665	0.679	0.652
Mixed	LogisticRegression	5	0.734	0.647	0.660	0.634
Mixed	LogisticRegression	6	0.740	0.667	0.683	0.653
Mixed	LogisticRegression	7	0.735	0.660	0.661	0.659
Mixed	LogisticRegression	8	0.723	0.644	0.656	0.632
Mixed	LogisticRegression	9	0.734	0.668	0.673	0.662
Mixed	LogisticRegression	10	0.734	0.656	0.659	0.652
Urban	LogisticRegression	1	0.616	0.557	0.553	0.562
Urban	LogisticRegression	2	0.625	0.569	0.574	0.565
Urban	LogisticRegression	3	0.688	0.613	0.639	0.589
Urban	LogisticRegression	4	0.642	0.585	0.584	0.585
Urban	LogisticRegression	5	0.640	0.590	0.592	0.589
Urban	LogisticRegression	6	0.673	0.602	0.616	0.589
Urban	LogisticRegression	7	0.607	0.583	0.575	0.590

Urban	LogisticRegression	8	0.624	0.558	0.582	0.536
Urban	LogisticRegression	9	0.640	0.587	0.601	0.574
Urban	LogisticRegression	10	0.669	0.618	0.621	0.615
Rural	LogisticRegression	1	0.698	0.631	0.620	0.643
Rural	LogisticRegression	2	0.706	0.645	0.630	0.661
Rural	LogisticRegression	3	0.719	0.656	0.654	0.659
Rural	LogisticRegression	4	0.699	0.642	0.622	0.663
Rural	LogisticRegression	5	0.723	0.658	0.645	0.671
Rural	LogisticRegression	6	0.711	0.658	0.644	0.673
Rural	LogisticRegression	7	0.730	0.671	0.649	0.695
Rural	LogisticRegression	8	0.705	0.641	0.628	0.655
Rural	LogisticRegression	9	0.710	0.652	0.635	0.670
Rural	LogisticRegression	10	0.712	0.645	0.631	0.658
Mixed	MLP	1	0.895	0.824	0.781	0.872
Mixed	MLP	2	0.902	0.827	0.807	0.847
Mixed	MLP	3	0.902	0.818	0.813	0.824
Mixed	MLP	4	0.900	0.841	0.771	0.924
Mixed	MLP	5	0.897	0.776	0.827	0.731
Mixed	MLP	6	0.901	0.784	0.851	0.727
Mixed	MLP	7	0.907	0.842	0.792	0.898
Mixed	MLP	8	0.894	0.828	0.781	0.880
Mixed	MLP	9	0.888	0.820	0.798	0.843
Mixed	MLP	10	0.891	0.808	0.800	0.816
Urban	MLP	1	0.921	0.853	0.792	0.924
Urban	MLP	2	0.921	0.841	0.783	0.909
Urban	MLP	3	0.922	0.846	0.870	0.823
Urban	MLP	4	0.935	0.889	0.836	0.949
Urban	MLP	5	0.932	0.878	0.847	0.911
Urban	MLP	6	0.939	0.850	0.887	0.816
Urban	MLP	7	0.920	0.841	0.833	0.849
Urban	MLP	8	0.898	0.842	0.812	0.874
Urban	MLP	9	0.914	0.838	0.828	0.849
Urban	MLP	10	0.929	0.874	0.844	0.905
Rural	MLP	1	0.883	0.819	0.726	0.940
Rural	MLP	2	0.890	0.827	0.755	0.914
Rural	MLP	3	0.888	0.826	0.775	0.884
Rural	MLP	4	0.895	0.837	0.754	0.942
Rural	MLP	5	0.905	0.826	0.808	0.845
Rural	MLP	6	0.905	0.831	0.807	0.857
Rural	MLP	7	0.905	0.820	0.824	0.816
Rural	MLP	8	0.885	0.737	0.850	0.650
Rural	MLP	9	0.889	0.813	0.797	0.830
Rural	MLP	10	0.894	0.819	0.755	0.895
Mixed	RandomForest	1	0.883	0.814	0.767	0.868
Mixed	RandomForest	2	0.888	0.820	0.771	0.875
Mixed	RandomForest	3	0.892	0.824	0.781	0.873
Mixed	RandomForest	4	0.884	0.816	0.770	0.869
Mixed	RandomForest	5	0.880	0.808	0.764	0.858

Mixed	RandomForest	6	0.895	0.831	0.785	0.882
Mixed	RandomForest	7	0.885	0.815	0.769	0.868
Mixed	RandomForest	8	0.874	0.815	0.767	0.868
Mixed	RandomForest	9	0.878	0.812	0.765	0.866
Mixed	RandomForest	10	0.882	0.820	0.767	0.881
Urban	RandomForest	1	0.941	0.877	0.837	0.921
Urban	RandomForest	2	0.951	0.877	0.819	0.943
Urban	RandomForest	3	0.949	0.887	0.839	0.940
Urban	RandomForest	4	0.963	0.906	0.867	0.949
Urban	RandomForest	5	0.950	0.885	0.837	0.940
Urban	RandomForest	6	0.958	0.897	0.863	0.934
Urban	RandomForest	7	0.961	0.889	0.848	0.934
Urban	RandomForest	8	0.935	0.858	0.806	0.918
Urban	RandomForest	9	0.944	0.872	0.833	0.915
Urban	RandomForest	10	0.946	0.879	0.825	0.940
Rural	RandomForest	1	0.899	0.825	0.738	0.936
Rural	RandomForest	2	0.899	0.825	0.742	0.930
Rural	RandomForest	3	0.904	0.836	0.763	0.923
Rural	RandomForest	4	0.892	0.819	0.734	0.925
Rural	RandomForest	5	0.914	0.838	0.762	0.930
Rural	RandomForest	6	0.899	0.829	0.755	0.918
Rural	RandomForest	7	0.913	0.835	0.756	0.932
Rural	RandomForest	8	0.897	0.823	0.741	0.926
Rural	RandomForest	9	0.898	0.831	0.754	0.925
Rural	RandomForest	10	0.916	0.847	0.764	0.949
Mixed	XGBoost	1	0.948	0.881	0.843	0.922
Mixed	XGBoost	2	0.954	0.889	0.854	0.926
Mixed	XGBoost	3	0.951	0.886	0.852	0.924
Mixed	XGBoost	4	0.950	0.881	0.849	0.915
Mixed	XGBoost	5	0.943	0.874	0.834	0.918
Mixed	XGBoost	6	0.953	0.887	0.857	0.920
Mixed	XGBoost	7	0.952	0.888	0.851	0.929
Mixed	XGBoost	8	0.941	0.879	0.843	0.917
Mixed	XGBoost	9	0.944	0.883	0.846	0.923
Mixed	XGBoost	10	0.951	0.888	0.850	0.931
Urban	XGBoost	1	0.967	0.917	0.883	0.953
Urban	XGBoost	2	0.974	0.912	0.862	0.968
Urban	XGBoost	3	0.968	0.928	0.899	0.959
Urban	XGBoost	4	0.967	0.922	0.893	0.953
Urban	XGBoost	5	0.973	0.918	0.881	0.959
Urban	XGBoost	6	0.971	0.931	0.917	0.946
Urban	XGBoost	7	0.973	0.928	0.904	0.953
Urban	XGBoost	8	0.967	0.916	0.892	0.940
Urban	XGBoost	9	0.969	0.922	0.911	0.934
Urban	XGBoost	10	0.973	0.926	0.887	0.968
Rural	XGBoost	1	0.970	0.912	0.883	0.944
Rural	XGBoost	2	0.963	0.904	0.867	0.945
Rural	XGBoost	3	0.964	0.905	0.872	0.942

Rural	XGBoost	4	0.959	0.900	0.859	0.944
Rural	XGBoost	5	0.970	0.914	0.888	0.941
Rural	XGBoost	6	0.966	0.917	0.885	0.951
Rural	XGBoost	7	0.970	0.916	0.890	0.943
Rural	XGBoost	8	0.966	0.907	0.877	0.940
Rural	XGBoost	9	0.963	0.912	0.878	0.949
Rural	XGBoost	10	0.970	0.911	0.877	0.948