

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Train size	Test set	Test size	Pearson (r)	Lasso(α)	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0	0.01	58	0.000	0.000	0.000	0.000	0.000	0.000	0.397	0.539	0.93
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0	0.05	28	0.000	0.000	0.000	0.000	0.000	0.000	0.432	0.566	0.923
RF	dataset-not-FA	6154	4399	dataset-E	1290	0	0.01	58	0.218	0.306	0.983	0.629	0.854	0.842	0.418	0.566	0.916
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0.1	0	55	0.000	0.000	0.000	0.000	0.000	0.000	0.431	0.57	0.922
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0	0.2	17	0.000	0.000	0.000	0.000	0.000	0.000	0.433	0.575	0.92
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0	0.02	42	0.000	0.000	0.000	0.000	0.000	0.000	0.431	0.576	0.92
RF	dataset-not-FA	6154	4399	dataset-E	1290	0.1	0	55	0.224	0.314	0.982	0.643	0.875	0.834	0.428	0.579	0.912
RF	dataset-not-FA	6154	4399	dataset-E	1290	0	0.02	42	0.221	0.309	0.983	0.635	0.863	0.838	0.426	0.58	0.912
RF	dataset-not-FA	6154	4399	dataset-E	1290	0	0.05	28	0.223	0.311	0.982	0.639	0.869	0.836	0.429	0.582	0.911
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0	0.1	19	0.000	0.000	0.000	0.000	0.000	0.000	0.44	0.586	0.917
RF	dataset-not-FA	6154	4399	dataset-E	1290	0	0.1	19	0.225	0.313	0.982	0.645	0.874	0.834	0.434	0.587	0.91
RF	dataset-not-FA	6154	4399	dataset-E	1290	0	0.2	17	0.229	0.318	0.982	0.656	0.885	0.83	0.435	0.592	0.908
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0.2	0	34	0.000	0.000	0.000	0.000	0.000	0.000	0.451	0.596	0.915
RF	dataset-not-FA	6154	4399	dataset-E	1290	0.2	0	34	0.23	0.321	0.981	0.66	0.896	0.826	0.442	0.596	0.907
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0	0.01	58	0.01	0.081	0.999	0.624	0.859	0.842	0.438	0.607	0.91
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0	0.02	42	0.011	0.081	0.999	0.643	0.89	0.83	0.441	0.614	0.906
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0	0.05	28	0.011	0.081	0.999	0.65	0.898	0.825	0.447	0.614	0.906
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0.1	0	55	0.01	0.081	0.999	0.65	0.885	0.832	0.452	0.616	0.906
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0	0.2	17	0.013	0.084	0.999	0.668	0.905	0.823	0.45	0.616	0.905
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0	0.1	19	0.011	0.081	0.999	0.658	0.901	0.825	0.464	0.629	0.9
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0	0.01	58	0.416	0.571	0.94	0.683	0.918	0.818	0.465	0.63	0.905
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0.4	0	25	0.000	0.000	0.000	0.000	0.000	0.000	0.477	0.634	0.903
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0.3	0	29	0.000	0.000	0.000	0.000	0.000	0.000	0.479	0.638	0.902
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0.5	0	14	0.000	0.000	0.000	0.000	0.000	0.000	0.483	0.642	0.901
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0.2	0	34	0.011	0.081	0.999	0.671	0.924	0.816	0.47	0.647	0.896
RF	dataset-not-FA	6154	4399	dataset-E	1290	0.3	0	29	0.242	0.336	0.979	0.689	0.931	0.812	0.48	0.651	0.888
RF	dataset-not-FA	6154	4399	dataset-E	1290	0.4	0	25	0.244	0.34	0.979	0.696	0.941	0.808	0.484	0.656	0.887
RF	dataset-not-FA	6154	4399	dataset-E	1290	0.5	0	14	0.256	0.354	0.977	0.713	0.961	0.799	0.5	0.679	0.881
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0.3	0	29	0.012	0.088	0.999	0.708	0.971	0.795	0.513	0.715	0.871
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0.1	0	55	0.56	0.753	0.896	0.695	0.932	0.812	0.547	0.718	0.863
CONS	dataset-not-FA	6154	4399	dataset-E	1290	0	0.5	11	0.000	0.000	0.000	0.000	0.000	0.000	0.541	0.721	0.875
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0.5	0	14	0.032	0.129	0.997	0.741	1.005	0.781	0.523	0.721	0.87
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0	0.5	11	0.014	0.084	0.999	0.728	0.991	0.787	0.53	0.727	0.873
XGB	dataset-not-FA	6154	4399	dataset-E	1290	0.4	0	25	0.013	0.089	0.999	0.717	0.977	0.793	0.523	0.736	0.865
RF	dataset-not-FA	6154	4399	dataset-E	1290	0	0.5	11	0.249	0.342	0.979	0.718	0.967	0.795	0.54	0.741	0.864
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0.3	0	29	0.681	0.898	0.853	0.754	0.995	0.786	0.57	0.741	0.846
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0.2	0	34	0.638	0.855	0.866	0.749	1.003	0.783	0.576	0.744	0.857

ANN	dataset-not-FA	6154	4399	dataset-E	1290	0	0.02	42	0.45	0.614	0.931	0.695	0.924	0.816	0.59	0.753	0.855
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0	0.2	17	0.61	0.814	0.879	0.751	1,002	0.781	0.585	0.757	0.854
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0.4	0	25	0.692	0.917	0.847	0.753	1,006	0.78	0.595	0.758	0.865
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0	0.1	19	0.522	0.704	0.909	0.715	0.948	0.804	0.586	0.764	0.859
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0.5	0	14	0.719	0.951	0.835	0.771	1,021	0.772	0.599	0.765	0.86
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0	0.05	28	0.53	0.718	0.906	0.706	0.94	0.808	0.612	0.772	0.858
ANN	dataset-not-FA	6154	4399	dataset-E	1290	0	0.5	11	0.689	0.913	0.848	0.837	1,101	0.734	0.716	0.922	0.808

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Train size	Test set	Test size	Pearson (r)	Lasso(alpha)	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	all	9982	6937	dataset-E	1290	0	0.05	29	0.000	0.000	0.000	0.000	0.000	0.000	0.421	0.569	0.922
CONS	all	9982	6937	dataset-E	1290	0	0.01	53	0.000	0.000	0.000	0.000	0.000	0.000	0.427	0.572	0.921
CONS	all	9982	6937	dataset-E	1290	0	0.1	22	0.000	0.000	0.000	0.000	0.000	0.000	0.429	0.573	0.921
CONS	all	9982	6937	dataset-E	1290	0.1	0	56	0.000	0.000	0.000	0.000	0.000	0.000	0.430	0.577	0.920
CONS	all	9982	6937	dataset-E	1290	0	0.02	40	0.000	0.000	0.000	0.000	0.000	0.000	0.426	0.581	0.919
RF	all	9982	6937	dataset-E	1290	0.1	0	56	0.246	0.351	0.978	0.742	1.017	0.747	0.437	0.590	0.908
RF	all	9982	6937	dataset-E	1290	0	0.01	53	0.242	0.347	0.979	0.730	1.005	0.755	0.438	0.592	0.909
RF	all	9982	6937	dataset-E	1290	0	0.02	40	0.244	0.347	0.979	0.734	1.007	0.754	0.438	0.593	0.909
RF	all	9982	6937	dataset-E	1290	0	0.05	29	0.246	0.351	0.978	0.739	1.016	0.750	0.439	0.594	0.908
CONS	all	9982	6937	dataset-E	1290	0	0.2	18	0.000	0.000	0.000	0.000	0.000	0.000	0.445	0.595	0.915
RF	all	9982	6937	dataset-E	1290	0	0.1	22	0.247	0.353	0.978	0.745	1.028	0.745	0.443	0.597	0.907
RF	all	9982	6937	dataset-E	1290	0	0.2	18	0.255	0.362	0.977	0.766	1.053	0.729	0.442	0.600	0.907
CONS	all	9982	6937	dataset-E	1290	0.2	0	37	0.000	0.000	0.000	0.000	0.000	0.000	0.459	0.601	0.913
RF	all	9982	6937	dataset-E	1290	0.2	0	37	0.260	0.367	0.976	0.775	1.061	0.723	0.455	0.610	0.901
CONS	all	9982	6937	dataset-E	1290	0.3	0	31	0.000	0.000	0.000	0.000	0.000	0.000	0.471	0.619	0.908
XGB	all	9982	6937	dataset-E	1290	0	0.01	53	0.013	0.060	0.999	0.736	1.021	0.746	0.451	0.619	0.907
CONS	all	9982	6937	dataset-E	1290	0.4	0	22	0.000	0.000	0.000	0.000	0.000	0.000	0.469	0.625	0.906
RF	all	9982	6937	dataset-E	1290	0.3	0	31	0.268	0.377	0.975	0.792	1.086	0.712	0.465	0.628	0.895
XGB	all	9982	6937	dataset-E	1290	0	0.02	40	0.015	0.060	0.999	0.741	1.031	0.744	0.456	0.631	0.902
XGB	all	9982	6937	dataset-E	1290	0.1	0	56	0.011	0.059	0.999	0.760	1.048	0.728	0.459	0.634	0.900
XGB	all	9982	6937	dataset-E	1290	0	0.1	22	0.016	0.061	0.999	0.756	1.047	0.736	0.465	0.637	0.901
XGB	all	9982	6937	dataset-E	1290	0	0.05	29	0.015	0.061	0.999	0.752	1.036	0.742	0.462	0.643	0.899
XGB	all	9982	6937	dataset-E	1290	0	0.2	18	0.017	0.064	0.999	0.776	1.068	0.720	0.463	0.643	0.898
RF	all	9982	6937	dataset-E	1290	0.4	0	22	0.272	0.384	0.974	0.805	1.102	0.705	0.476	0.644	0.892
XGB	all	9982	6937	dataset-E	1290	0.2	0	37	0.013	0.060	0.999	0.807	1.111	0.695	0.483	0.656	0.894
RF	all	9982	6937	dataset-E	1290	0.5	0	14	0.277	0.389	0.973	0.809	1.104	0.703	0.491	0.664	0.886
CONS	all	9982	6937	dataset-E	1290	0.5	0	14	0.000	0.000	0.000	0.000	0.000	0.000	0.498	0.674	0.891
XGB	all	9982	6937	dataset-E	1290	0.3	0	31	0.015	0.062	0.999	0.831	1.148	0.679	0.502	0.686	0.883
CONS	all	9982	6937	dataset-E	1290	0	0.5	12	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.693	0.884
ANN	all	9982	6937	dataset-E	1290	0	0.05	29	0.675	0.922	0.849	0.809	1.082	0.724	0.527	0.696	0.884
ANN	all	9982	6937	dataset-E	1290	0	0.1	22	0.688	0.935	0.844	0.830	1.108	0.707	0.538	0.705	0.877
XGB	all	9982	6937	dataset-E	1290	0.4	0	22	0.019	0.063	0.999	0.850	1.161	0.669	0.511	0.706	0.876
RF	all	9982	6937	dataset-E	1290	0	0.5	12	0.278	0.389	0.973	0.838	1.131	0.689	0.528	0.716	0.873
ANN	all	9982	6937	dataset-E	1290	0	0.01	53	0.641	0.877	0.863	0.796	1.059	0.729	0.547	0.719	0.879
XGB	all	9982	6937	dataset-E	1290	0	0.5	12	0.023	0.067	0.999	0.857	1.170	0.669	0.521	0.721	0.878

ANN	all	9982	6937 dataset-E	1290	0.1	0	56	0.703	0.949	0.840	0.828	1.092	0.714	0.561	0.722	0.874
ANN	all	9982	6937 dataset-E	1290	0.4	0	22	0.824	1.100	0.785	0.870	1.163	0.658	0.575	0.741	0.865
ANN	all	9982	6937 dataset-E	1290	0.3	0	31	0.819	1.094	0.786	0.886	1.152	0.685	0.584	0.746	0.861
ANN	all	9982	6937 dataset-E	1290	0	0.02	40	0.676	0.918	0.850	0.802	1.065	0.725	0.557	0.750	0.856
ANN	all	9982	6937 dataset-E	1290	0.2	0	37	0.804	1.076	0.794	0.851	1.121	0.699	0.588	0.753	0.850
XGB	all	9982	6937 dataset-E	1290	0.5	0	14	0.026	0.077	0.999	0.860	1.174	0.661	0.549	0.773	0.855
ANN	all	9982	6937 dataset-E	1290	0.5	0	14	0.850	1.136	0.771	0.873	1.156	0.679	0.607	0.800	0.810
ANN	all	9982	6937 dataset-E	1290	0	0.2	18	0.786	1.054	0.802	0.924	1.213	0.651	0.626	0.816	0.832
ANN	all	9982	6937 dataset-E	1290	0	0.5	12	0.839	1.126	0.775	0.959	1.260	0.621	0.719	0.916	0.815

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Model	Train set	Train size	Train size	Test set	Test size	Pearson	Lasso(alpha)	# of selected	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-A	6110	3266	dataset-E	1290	0	0.02	41	0.000	0.000	0.000	0.000	0.000	0.000	0.563	0.758	0.862
CONS	dataset-A	6110	3266	dataset-E	1290	0	0.01	50	0.000	0.000	0.000	0.000	0.000	0.000	0.579	0.771	0.857
CONS	dataset-A	6110	3266	dataset-E	1290	0	0.1	23	0.000	0.000	0.000	0.000	0.000	0.000	0.581	0.773	0.856
RF	dataset-A	6110	3266	dataset-E	1290	0	0.01	50	0.321	0.531	0.957	0.836	1.161	0.477	0.585	0.773	0.840
RF	dataset-A	6110	3266	dataset-E	1290	0	0.2	21	0.326	0.535	0.956	0.851	1.178	0.461	0.585	0.774	0.844
CONS	dataset-A	6110	3266	dataset-E	1290	0.2	0	39	0.000	0.000	0.000	0.000	0.000	0.000	0.577	0.778	0.855
CONS	dataset-A	6110	3266	dataset-E	1290	0.1	0	68	0.000	0.000	0.000	0.000	0.000	0.000	0.573	0.779	0.854
CONS	dataset-A	6110	3266	dataset-E	1290	0	0.2	21	0.000	0.000	0.000	0.000	0.000	0.000	0.589	0.784	0.852
RF	dataset-A	6110	3266	dataset-E	1290	0	0.02	41	0.323	0.533	0.957	0.838	1.167	0.470	0.593	0.789	0.831
RF	dataset-A	6110	3266	dataset-E	1290	0	0.1	23	0.325	0.535	0.956	0.842	1.172	0.467	0.594	0.792	0.834
RF	dataset-A	6110	3266	dataset-E	1290	0.1	0	68	0.322	0.531	0.957	0.838	1.160	0.476	0.599	0.796	0.826
CONS	dataset-A	6110	3266	dataset-E	1290	0	0.05	29	0.000	0.000	0.000	0.000	0.000	0.000	0.587	0.797	0.847
RF	dataset-A	6110	3266	dataset-E	1290	0	0.05	29	0.324	0.533	0.956	0.840	1.168	0.469	0.603	0.801	0.825
CONS	dataset-A	6110	3266	dataset-E	1290	0.5	0	17	0.000	0.000	0.000	0.000	0.000	0.000	0.611	0.813	0.841
RF	dataset-A	6110	3266	dataset-E	1290	0.2	0	39	0.328	0.537	0.956	0.866	1.196	0.439	0.612	0.818	0.817
CONS	dataset-A	6110	3266	dataset-E	1290	0.4	0	24	0.000	0.000	0.000	0.000	0.000	0.000	0.620	0.824	0.837
XGB	dataset-A	6110	3266	dataset-E	1290	0.1	0	68	0.154	0.423	0.973	0.853	1.203	0.435	0.619	0.826	0.837
XGB	dataset-A	6110	3266	dataset-E	1290	0	0.01	50	0.154	0.423	0.973	0.854	1.205	0.439	0.643	0.853	0.832
CONS	dataset-A	6110	3266	dataset-E	1290	0	0.5	15	0.000	0.000	0.000	0.000	0.000	0.000	0.643	0.853	0.825
XGB	dataset-A	6110	3266	dataset-E	1290	0	0.02	41	0.154	0.423	0.973	0.856	1.217	0.420	0.640	0.853	0.821
RF	dataset-A	6110	3266	dataset-E	1290	0.5	0	17	0.337	0.544	0.955	0.890	1.219	0.417	0.642	0.853	0.798
XGB	dataset-A	6110	3266	dataset-E	1290	0	0.2	21	0.154	0.423	0.973	0.872	1.225	0.412	0.632	0.856	0.830
XGB	dataset-A	6110	3266	dataset-E	1290	0	0.05	29	0.154	0.423	0.973	0.862	1.216	0.424	0.636	0.856	0.829
CONS	dataset-A	6110	3266	dataset-E	1290	0.3	0	32	0.000	0.000	0.000	0.000	0.000	0.000	0.647	0.863	0.821
RF	dataset-A	6110	3266	dataset-E	1290	0	0.5	15	0.337	0.545	0.954	0.891	1.221	0.421	0.652	0.863	0.808
RF	dataset-A	6110	3266	dataset-E	1290	0.3	0	32	0.333	0.541	0.955	0.881	1.212	0.425	0.647	0.866	0.785
RF	dataset-A	6110	3266	dataset-E	1290	0.4	0	24	0.335	0.543	0.955	0.884	1.217	0.419	0.649	0.869	0.786
XGB	dataset-A	6110	3266	dataset-E	1290	0.2	0	39	0.154	0.423	0.973	0.889	1.245	0.402	0.657	0.873	0.820
XGB	dataset-A	6110	3266	dataset-E	1290	0	0.1	23	0.154	0.423	0.973	0.869	1.223	0.415	0.652	0.877	0.825
ANN	dataset-A	6110	3266	dataset-E	1290	0	0.02	41	0.622	0.888	0.880	0.900	1.203	0.429	0.669	0.890	0.818
ANN	dataset-A	6110	3266	dataset-E	1290	0.5	0	17	0.860	1.166	0.792	1.008	1.305	0.402	0.684	0.890	0.776
ANN	dataset-A	6110	3266	dataset-E	1290	0.2	0	39	0.791	1.090	0.818	0.955	1.259	0.410	0.681	0.902	0.784
XGB	dataset-A	6110	3266	dataset-E	1290	0.3	0	32	0.154	0.423	0.973	0.908	1.261	0.394	0.682	0.918	0.774
ANN	dataset-A	6110	3266	dataset-E	1290	0.4	0	24	0.852	1.162	0.794	1.023	1.327	0.404	0.705	0.925	0.793
XGB	dataset-A	6110	3266	dataset-E	1290	0.5	0	17	0.155	0.423	0.973	0.922	1.287	0.389	0.697	0.934	0.785

XGB	dataset-A	6110	3266	dataset-E	1290	0.4	0	24	0.155	0.423	0.973	0.914	1.273	0.388	0.702	0.935	0.771
ANN	dataset-A	6110	3266	dataset-E	1290	0	0.1	23	0.630	0.882	0.881	0.958	1.266	0.374	0.726	0.954	0.762
ANN	dataset-A	6110	3266	dataset-E	1290	0	0.01	50	0.590	0.836	0.893	0.915	1.224	0.414	0.731	0.956	0.805
XGB	dataset-A	6110	3266	dataset-E	1290	0	0.5	15	0.154	0.423	0.973	0.905	1.268	0.378	0.730	0.973	0.768
ANN	dataset-A	6110	3266	dataset-E	1290	0.1	0	68	0.655	0.922	0.869	0.942	1.253	0.416	0.755	0.997	0.745
ANN	dataset-A	6110	3266	dataset-E	1290	0	0.5	15	0.706	0.983	0.852	0.984	1.285	0.371	0.748	1.003	0.751
ANN	dataset-A	6110	3266	dataset-E	1290	0	0.05	29	0.609	0.864	0.886	0.924	1.233	0.397	0.759	1.006	0.740
ANN	dataset-A	6110	3266	dataset-E	1290	0	0.2	21	0.676	0.943	0.864	0.958	1.259	0.383	0.778	1.031	0.739
ANN	dataset-A	6110	3266	dataset-E	1290	0.3	0	32	0.814	1.122	0.807	0.965	1.267	0.388	0.847	1.089	0.703

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Test set	Test size	Pearson	Lasso(alpha)	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T	
CONS	dataset-B	4650	3185 dataset-E	1290	0	0.02	41	0.000	0.000	0.000	0.000	0.000	0.000	0.419	0.573	0.921	
CONS	dataset-B	4650	3185 dataset-E	1290	0	0.1	19	0.000	0.000	0.000	0.000	0.000	0.000	0.429	0.577	0.920	
CONS	dataset-B	4650	3185 dataset-E	1290	0	0.05	27	0.000	0.000	0.000	0.000	0.000	0.000	0.430	0.592	0.916	
CONS	dataset-B	4650	3185 dataset-E	1290	0	0.01	51	0.000	0.000	0.000	0.000	0.000	0.000	0.434	0.594	0.915	
CONS	dataset-B	4650	3185 dataset-E	1290	0.1	0	61	0.000	0.000	0.000	0.000	0.000	0.000	0.44	0.599	0.914	
CONS	dataset-B	4650	3185 dataset-E	1290	0.2	0	41	0.000	0.000	0.000	0.000	0.000	0.000	0.452	0.602	0.913	
RF	dataset-B	4650	3185 dataset-E	1290	0	0.01	51	0.222	0.308	0.983	0.628	0.860	0.841	0.442	0.607	0.903	
RF	dataset-B	4650	3185 dataset-E	1290	0.2	0	41	0.23	0.321	0.982	0.648	0.892	0.828	0.451	0.611	0.902	
RF	dataset-B	4650	3185 dataset-E	1290	0.1	0	61	0.228	0.317	0.982	0.642	0.882	0.832	0.451	0.614	0.901	
RF	dataset-B	4650	3185 dataset-E	1290	0	0.02	41	0.223	0.309	0.983	0.632	0.865	0.839	0.447	0.615	0.901	
CONS	dataset-B	4650	3185 dataset-E	1290	0	0.2	15	0.000	0.000	0.000	0.000	0.000	0.000	0.458	0.618	0.908	
RF	dataset-B	4650	3185 dataset-E	1290	0	0.05	27	0.225	0.313	0.983	0.637	0.873	0.836	0.454	0.619	0.900	
RF	dataset-B	4650	3185 dataset-E	1290	0	0.1	19	0.228	0.316	0.982	0.645	0.883	0.832	0.457	0.619	0.899	
RF	dataset-B	4650	3185 dataset-E	1290	0	0.2	15	0.234	0.324	0.982	0.660	0.904	0.824	0.462	0.633	0.896	
XGB	dataset-B	4650	3185 dataset-E	1290	0	0.01	51	0.013	0.073	0.999	0.619	0.858	0.840	0.453	0.644	0.897	
XGB	dataset-B	4650	3185 dataset-E	1290	0.2	0	41	0.013	0.074	0.999	0.648	0.902	0.823	0.472	0.652	0.894	
XGB	dataset-B	4650	3185 dataset-E	1290	0	0.1	19	0.013	0.073	0.999	0.649	0.898	0.825	0.474	0.654	0.894	
XGB	dataset-B	4650	3185 dataset-E	1290	0	0.02	41	0.013	0.073	0.999	0.634	0.870	0.836	0.477	0.656	0.895	
CONS	dataset-B	4650	3185 dataset-E	1290	0.3	0	30	0.000	0.000	0.000	0.000	0.000	0.000	0.493	0.659	0.896	
XGB	dataset-B	4650	3185 dataset-E	1290	0	0.05	27	0.013	0.073	0.999	0.634	0.880	0.833	0.472	0.667	0.888	
ANN	dataset-B	4650	3185 dataset-E	1290	0	0.02	41	0.382	0.520	0.952	0.671	0.902	0.824	0.504	0.670	0.886	
RF	dataset-B	4650	3185 dataset-E	1290	0.3	0	30	0.245	0.341	0.98	0.686	0.934	0.811	0.497	0.67	0.882	
ANN	dataset-B	4650	3185 dataset-E	1290	0	0.1	19	0.351	0.471	0.961	0.662	0.895	0.826	0.516	0.676	0.874	
XGB	dataset-B	4650	3185 dataset-E	1290	0.1	0	61	0.013	0.073	0.999	0.64	0.89	0.828	0.486	0.681	0.885	
RF	dataset-B	4650	3185 dataset-E	1290	0.4	0	27	0.247	0.347	0.979	0.691	0.947	0.806	0.505	0.681	0.877	
XGB	dataset-B	4650	3185 dataset-E	1290	0	0.2	15	0.013	0.073	0.999	0.665	0.920	0.817	0.496	0.691	0.879	
RF	dataset-B	4650	3185 dataset-E	1290	0.5	0	22	0.253	0.353	0.978	0.701	0.956	0.802	0.514	0.692	0.874	
CONS	dataset-B	4650	3185 dataset-E	1290	0.5	0	22	0.000	0.000	0.000	0.000	0.000	0.000	0.512	0.694	0.884	
CONS	dataset-B	4650	3185 dataset-E	1290	0.4	0	27	0.000	0.000	0.000	0.000	0.000	0.000	0.525	0.699	0.882	
ANN	dataset-B	4650	3185 dataset-E	1290	0.1	0	61	0.483	0.657	0.924	0.706	0.948	0.806	0.534	0.703	0.873	
ANN	dataset-B	4650	3185 dataset-E	1290	0	0.05	27	0.415	0.565	0.944	0.675	0.906	0.823	0.533	0.721	0.876	
XGB	dataset-B	4650	3185 dataset-E	1290	0.3	0	30	0.016	0.1	0.998	0.706	0.971	0.796	0.532	0.733	0.864	
CONS	dataset-B	4650	3185 dataset-E	1290	0	0.5	11	0.000	0.000	0.000	0.000	0.000	0.000	0.558	0.752	0.864	
ANN	dataset-B	4650	3185 dataset-E	1290	0	0.2	15	0.500	0.672	0.920	0.722	0.971	0.796	0.582	0.753	0.864	
ANN	dataset-B	4650	3185 dataset-E	1290	0.3	0	30	0.639	0.851	0.873	0.733	0.973	0.797	0.587	0.754	0.847	

ANN	dataset-B	4650	3185	dataset-E	1290	0.2	0	41	0.55	0.741	0.903	0.702	0.946	0.808	0.571	0.755	0.861
XGB	dataset-B	4650	3185	dataset-E	1290	0.4	0	27	0.016	0.1	0.998	0.719	0.986	0.79	0.557	0.764	0.85
RF	dataset-B	4650	3185	dataset-E	1290	0	0.5	11	0.255	0.351	0.978	0.728	0.988	0.787	0.567	0.778	0.852
XGB	dataset-B	4650	3185	dataset-E	1290	0.5	0	22	0.021	0.111	0.998	0.735	1.010	0.779	0.552	0.778	0.847
ANN	dataset-B	4650	3185	dataset-E	1290	0	0.01	51	0.355	0.479	0.959	0.653	0.878	0.834	0.592	0.781	0.845
XGB	dataset-B	4650	3185	dataset-E	1290	0	0.5	11	0.016	0.080	0.999	0.750	1.026	0.772	0.572	0.799	0.847
ANN	dataset-B	4650	3185	dataset-E	1290	0.5	0	22	0.715	0.944	0.843	0.778	1.040	0.767	0.636	0.831	0.800
ANN	dataset-B	4650	3185	dataset-E	1290	0.4	0	27	0.665	0.885	0.862	0.753	1.008	0.779	0.686	0.88	0.78
ANN	dataset-B	4650	3185	dataset-E	1290	0	0.5	11	0.631	0.844	0.875	0.826	1.096	0.742	0.713	0.907	0.815

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Train size	Test set	Test size	Pearson	Lasso(alpha)	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-C	2603	1798	dataset-E	1290	0.1	0	62	0.000	0.000	0.000	0.000	0.000	0.000	0.511	0.673	0.891
CONS	dataset-C	2603	1798	dataset-E	1290	0	0.01	49	0.000	0.000	0.000	0.000	0.000	0.000	0.519	0.675	0.890
CONS	dataset-C	2603	1798	dataset-E	1290	0	0.05	25	0.000	0.000	0.000	0.000	0.000	0.000	0.528	0.678	0.890
CONS	dataset-C	2603	1798	dataset-E	1290	0	0.02	40	0.000	0.000	0.000	0.000	0.000	0.000	0.531	0.679	0.889
CONS	dataset-C	2603	1798	dataset-E	1290	0	0.2	16	0.000	0.000	0.000	0.000	0.000	0.000	0.542	0.693	0.885
CONS	dataset-C	2603	1798	dataset-E	1290	0.4	0	13	0.000	0.000	0.000	0.000	0.000	0.000	0.535	0.693	0.885
CONS	dataset-C	2603	1798	dataset-E	1290	0	0.1	19	0.000	0.000	0.000	0.000	0.000	0.000	0.542	0.698	0.883
CONS	dataset-C	2603	1798	dataset-E	1290	0.3	0	27	0.000	0.000	0.000	0.000	0.000	0.000	0.539	0.699	0.882
RF	dataset-C	2603	1798	dataset-E	1290	0	0.1	19	0.237	0.327	0.981	0.723	0.948	0.770	0.548	0.703	0.869
CONS	dataset-C	2603	1798	dataset-E	1290	0.2	0	41	0.000	0.000	0.000	0.000	0.000	0.000	0.545	0.706	0.88
RF	dataset-C	2603	1798	dataset-E	1290	0	0.01	49	0.233	0.321	0.981	0.712	0.934	0.776	0.553	0.706	0.869
RF	dataset-C	2603	1798	dataset-E	1290	0	0.02	40	0.235	0.324	0.981	0.717	0.943	0.771	0.552	0.706	0.868
RF	dataset-C	2603	1798	dataset-E	1290	0	0.2	16	0.238	0.327	0.981	0.721	0.946	0.770	0.550	0.706	0.868
RF	dataset-C	2603	1798	dataset-E	1290	0.3	0	27	0.237	0.327	0.98	0.734	0.963	0.76	0.551	0.709	0.868
RF	dataset-C	2603	1798	dataset-E	1290	0.1	0	62	0.233	0.322	0.98	0.714	0.937	0.774	0.556	0.709	0.868
RF	dataset-C	2603	1798	dataset-E	1290	0	0.05	25	0.237	0.326	0.981	0.716	0.939	0.773	0.550	0.709	0.867
RF	dataset-C	2603	1798	dataset-E	1290	0.2	0	41	0.234	0.323	0.98	0.72	0.945	0.77	0.557	0.713	0.867
XGB	dataset-C	2603	1798	dataset-E	1290	0	0.02	40	0.002	0.010	1.000	0.757	1.008	0.741	0.559	0.722	0.860
XGB	dataset-C	2603	1798	dataset-E	1290	0	0.01	49	0.001	0.009	1.000	0.745	1.003	0.738	0.559	0.729	0.865
XGB	dataset-C	2603	1798	dataset-E	1290	0	0.05	25	0.002	0.010	1.000	0.758	1.004	0.742	0.572	0.736	0.861
RF	dataset-C	2603	1798	dataset-E	1290	0.4	0	13	0.268	0.367	0.98	0.769	1.004	0.738	0.579	0.741	0.852
ANN	dataset-C	2603	1798	dataset-E	1290	0.4	0	13	0.695	0.908	0.85	0.805	1.042	0.715	0.587	0.752	0.859
XGB	dataset-C	2603	1798	dataset-E	1290	0.1	0	62	0.001	0.002	1	0.751	0.982	0.75	0.576	0.752	0.859
XGB	dataset-C	2603	1798	dataset-E	1290	0.2	0	41	0.001	0.002	1	0.749	0.991	0.745	0.577	0.752	0.856
XGB	dataset-C	2603	1798	dataset-E	1290	0.3	0	27	0.001	0.002	1	0.754	0.993	0.743	0.58	0.758	0.848
XGB	dataset-C	2603	1798	dataset-E	1290	0	0.1	19	0.002	0.010	1.000	0.754	1.005	0.742	0.595	0.760	0.856
XGB	dataset-C	2603	1798	dataset-E	1290	0	0.2	16	0.002	0.010	1.000	0.756	0.997	0.747	0.590	0.760	0.853
XGB	dataset-C	2603	1798	dataset-E	1290	0.4	0	13	0.039	0.156	1	0.813	1.06	0.707	0.603	0.797	0.838
ANN	dataset-C	2603	1798	dataset-E	1290	0.1	0	62	0.653	0.869	0.86	0.812	1.059	0.708	0.68	0.888	0.772
CONS	dataset-C	2603	1798	dataset-E	1290	0	0.5	9	0.000	0.000	0.000	0.000	0.000	0.000	0.692	0.901	0.805
ANN	dataset-C	2603	1798	dataset-E	1290	0	0.02	40	0.588	0.785	0.888	0.785	1.019	0.727	0.711	0.906	0.787
ANN	dataset-C	2603	1798	dataset-E	1290	0	0.2	16	0.650	0.865	0.865	0.824	1.085	0.690	0.705	0.931	0.784
ANN	dataset-C	2603	1798	dataset-E	1290	0	0.05	25	0.612	0.816	0.879	0.800	1.044	0.715	0.713	0.947	0.775
ANN	dataset-C	2603	1798	dataset-E	1290	0.3	0	27	0.724	0.956	0.83	0.868	1.139	0.666	0.721	0.947	0.772

RF	dataset-C	2603	1798 dataset-E	1290	0	0.5	9	0.267	0.364	0.976	0.835	1.094	0.687	0.727	0.949	0.758
ANN	dataset-C	2603	1798 dataset-E	1290	0	0.01	49	0.591	0.793	0.886	0.787	1.027	0.726	0.714	0.949	0.757
XGB	dataset-C	2603	1798 dataset-E	1290	0	0.5	9	0.003	0.017	1.000	0.905	1.180	0.637	0.740	0.979	0.758
ANN	dataset-C	2603	1798 dataset-E	1290	0.2	0	41	0.705	0.933	0.84	0.861	1.117	0.678	0.755	0.999	0.783
ANN	dataset-C	2603	1798 dataset-E	1290	0	0.1	19	0.629	0.833	0.874	0.823	1.069	0.701	0.771	0.999	0.752
ANN	dataset-C	2603	1798 dataset-E	1290	0.5	0	6	0.868	1.126	0.770	0.931	1.221	0.601	0.852	1.067	0.548
ANN	dataset-C	2603	1798 dataset-E	1290	0	0.5	9	0.753	0.988	0.823	0.902	1.153	0.646	0.844	1.077	0.696
CONS	dataset-C	2603	1798 dataset-E	1290	0.5	0	6	0	0	0	0	0	0	0.867	1.101	0.708
RF	dataset-C	2603	1798 dataset-E	1290	0.5	0	6	0.334	0.446	0.96	0.942	1.214	0.608	0.908	1.169	0.501
XGB	dataset-C	2603	1798 dataset-E	1290	0.5	0	6	0.055	0.166	0.995	1.045	1.356	0.507	1.004	1.289	0.484

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Train size	Test set	Test size	Pearson	Lasso(alpha)	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-D	2115	1054	dataset-E	1290	0	0.02	37	0.000	0.000	0.000	0.000	0.000	0.000	0.450	0.610	0.911
CONS	dataset-D	2115	1054	dataset-E	1290	0.1	0	56	0.000	0.000	0.000	0.000	0.000	0.000	0.462	0.621	0.907
CONS	dataset-D	2115	1054	dataset-E	1290	0	0.01	46	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.631	0.904
CONS	dataset-D	2115	1054	dataset-E	1290	0	0.1	18	0.000	0.000	0.000	0.000	0.000	0.000	0.483	0.652	0.898
RF	dataset-D	2115	1054	dataset-E	1290	0	0.01	46	0.201	0.275	0.986	0.630	0.821	0.826	0.485	0.652	0.892
RF	dataset-D	2115	1054	dataset-E	1290	0.1	0	56	0.207	0.282	0.985	0.634	0.823	0.824	0.488	0.653	0.892
RF	dataset-D	2115	1054	dataset-E	1290	0	0.02	37	0.202	0.275	0.986	0.623	0.811	0.830	0.488	0.656	0.892
XGB	dataset-D	2115	1054	dataset-E	1290	0.1	0	56	0.008	0.061	0.999	0.631	0.818	0.825	0.482	0.66	0.893
XGB	dataset-D	2115	1054	dataset-E	1290	0	0.02	37	0.008	0.061	0.999	0.619	0.815	0.827	0.477	0.663	0.897
CONS	dataset-D	2115	1054	dataset-E	1290	0	0.05	25	0.000	0.000	0.000	0.000	0.000	0.000	0.486	0.663	0.894
CONS	dataset-D	2115	1054	dataset-E	1290	0	0.2	15	0.000	0.000	0.000	0.000	0.000	0.000	0.494	0.663	0.894
CONS	dataset-D	2115	1054	dataset-E	1290	0.2	0	37	0.000	0.000	0.000	0.000	0.000	0.000	0.508	0.667	0.893
RF	dataset-D	2115	1054	dataset-E	1290	0	0.1	18	0.207	0.283	0.985	0.638	0.835	0.819	0.498	0.669	0.889
RF	dataset-D	2115	1054	dataset-E	1290	0	0.2	15	0.211	0.285	0.985	0.648	0.843	0.815	0.504	0.677	0.888
XGB	dataset-D	2115	1054	dataset-E	1290	0	0.01	46	0.008	0.061	0.999	0.624	0.823	0.825	0.496	0.681	0.888
RF	dataset-D	2115	1054	dataset-E	1290	0	0.05	25	0.209	0.286	0.985	0.642	0.839	0.818	0.506	0.683	0.886
RF	dataset-D	2115	1054	dataset-E	1290	0.2	0	37	0.218	0.294	0.984	0.667	0.859	0.807	0.515	0.684	0.88
XGB	dataset-D	2115	1054	dataset-E	1290	0.2	0	37	0.008	0.061	0.999	0.708	0.914	0.779	0.522	0.694	0.881
CONS	dataset-D	2115	1054	dataset-E	1290	0.3	0	31	0.000	0.000	0.000	0.000	0.000	0.000	0.525	0.695	0.884
CONS	dataset-D	2115	1054	dataset-E	1290	0.5	0	21	0.000	0.000	0.000	0.000	0.000	0.000	0.522	0.696	0.884
RF	dataset-D	2115	1054	dataset-E	1290	0.3	0	31	0.222	0.298	0.983	0.677	0.872	0.801	0.526	0.699	0.875
XGB	dataset-D	2115	1054	dataset-E	1290	0	0.1	18	0.008	0.061	0.999	0.643	0.837	0.814	0.522	0.711	0.881
RF	dataset-D	2115	1054	dataset-E	1290	0.4	0	28	0.222	0.299	0.983	0.677	0.878	0.799	0.537	0.714	0.87
ANN	dataset-D	2115	1054	dataset-E	1290	0	0.02	37	0.187	0.272	0.986	0.674	0.889	0.799	0.530	0.716	0.872
XGB	dataset-D	2115	1054	dataset-E	1290	0	0.2	15	0.008	0.061	0.999	0.672	0.884	0.791	0.526	0.721	0.878
RF	dataset-D	2115	1054	dataset-E	1290	0.5	0	21	0.224	0.302	0.983	0.679	0.883	0.796	0.546	0.725	0.866
CONS	dataset-D	2115	1054	dataset-E	1290	0.4	0	28	0.000	0.000	0.000	0.000	0.000	0.000	0.562	0.735	0.87
XGB	dataset-D	2115	1054	dataset-E	1290	0	0.05	25	0.008	0.061	0.999	0.649	0.856	0.806	0.537	0.738	0.871
XGB	dataset-D	2115	1054	dataset-E	1290	0.3	0	31	0.008	0.061	0.999	0.722	0.932	0.771	0.544	0.739	0.867
XGB	dataset-D	2115	1054	dataset-E	1290	0.5	0	21	0.008	0.061	0.999	0.736	0.964	0.754	0.568	0.760	0.860
XGB	dataset-D	2115	1054	dataset-E	1290	0.4	0	28	0.008	0.061	0.999	0.712	0.923	0.775	0.573	0.765	0.858
ANN	dataset-D	2115	1054	dataset-E	1290	0.1	0	56	0.227	0.314	0.981	0.664	0.877	0.806	0.568	0.769	0.857
ANN	dataset-D	2115	1054	dataset-E	1290	0	0.05	25	0.242	0.344	0.977	0.702	0.926	0.783	0.579	0.779	0.854
ANN	dataset-D	2115	1054	dataset-E	1290	0	0.2	15	0.284	0.385	0.971	0.714	0.919	0.782	0.598	0.781	0.857
CONS	dataset-D	2115	1054	dataset-E	1290	0	0.5	9	0.000	0.000	0.000	0.000	0.000	0.000	0.581	0.790	0.850

ANN	dataset-D	2115	1054	dataset-E	1290	0	0.1	18	0.263	0.360	0.975	0.707	0.925	0.778	0.595	0.793	0.848
ANN	dataset-D	2115	1054	dataset-E	1290	0.5	0	21	0.512	0.654	0.919	0.784	1.001	0.742	0.617	0.809	0.831
ANN	dataset-D	2115	1054	dataset-E	1290	0	0.01	46	0.217	0.300	0.983	0.685	0.927	0.778	0.599	0.820	0.837
ANN	dataset-D	2115	1054	dataset-E	1290	0.2	0	37	0.47	0.606	0.93	0.758	0.975	0.754	0.64	0.827	0.806
XGB	dataset-D	2115	1054	dataset-E	1290	0	0.5	9	0.011	0.068	0.999	0.770	1.022	0.736	0.607	0.828	0.840
RF	dataset-D	2115	1054	dataset-E	1290	0	0.5	9	0.239	0.322	0.980	0.743	0.994	0.756	0.612	0.840	0.827
ANN	dataset-D	2115	1054	dataset-E	1290	0.3	0	31	0.493	0.635	0.922	0.781	0.986	0.748	0.657	0.856	0.8
ANN	dataset-D	2115	1054	dataset-E	1290	0	0.5	9	0.431	0.586	0.934	0.849	1.106	0.688	0.687	0.913	0.793
ANN	dataset-D	2115	1054	dataset-E	1290	0.4	0	28	0.492	0.637	0.923	0.775	0.992	0.751	0.799	1.014	0.73

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Train sets	Test set	Test size	Pearson	Lasso(α)	# of selected	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-F	1210	1011	dataset-E	1290	0	0.02	34	0.000	0.000	0.000	0.000	0.000	0.000	0.918	1.235	0.633
CONS	dataset-F	1210	1011	dataset-E	1290	0	0.01	40	0.000	0.000	0.000	0.000	0.000	0.000	0.937	1.236	0.632
CONS	dataset-F	1210	1011	dataset-E	1290	0	0.1	22	0.000	0.000	0.000	0.000	0.000	0.000	0.986	1.322	0.580
CONS	dataset-F	1210	1011	dataset-E	1290	0	0.05	27	0.000	0.000	0.000	0.000	0.000	0.000	0.975	1.327	0.576
CONS	dataset-F	1210	1011	dataset-E	1290	0	0.2	13	0.000	0.000	0.000	0.000	0.000	0.000	0.963	1.331	0.574
CONS	dataset-F	1210	1011	dataset-E	1290	0.1	0	58	0.000	0.000	0.000	0.000	0.000	0.000	0.987	1.335	0.571
XGB	dataset-F	1210	1011	dataset-E	1290	0	0.01	40	0.001	0.001	1.000	0.784	1.024	0.403	0.884	1.148	0.501
CONS	dataset-F	1210	1011	dataset-E	1290	0.2	0	31	0.000	0.000	0.000	0.000	0.000	0.000	1.081	1.477	0.475
CONS	dataset-F	1210	1011	dataset-E	1290	0.3	0	21	0.000	0.000	0.000	0.000	0.000	0.000	1.118	1.487	0.469
CONS	dataset-F	1210	1011	dataset-E	1290	0.5	0	1	0.000	0.000	0.000	0.000	0.000	0.000	1.152	1.51	0.452
CONS	dataset-F	1210	1011	dataset-E	1290	0	0.5	8	0.000	0.000	0.000	0.000	0.000	0.000	1.143	1.511	0.451
CONS	dataset-F	1210	1011	dataset-E	1290	0.4	0	11	0.000	0.000	0.000	0.000	0.000	0.000	1.117	1.516	0.448
XGB	dataset-F	1210	1011	dataset-E	1290	0	0.05	27	0.001	0.001	1.000	0.815	1.046	0.376	0.976	1.278	0.318
XGB	dataset-F	1210	1011	dataset-E	1290	0	0.02	34	0.001	0.001	1.000	0.810	1.043	0.385	0.975	1.277	0.311
XGB	dataset-F	1210	1011	dataset-E	1290	0	0.1	22	0.001	0.001	1.000	0.824	1.066	0.353	1.012	1.315	0.268
RF	dataset-F	1210	1011	dataset-E	1290	0	0.01	40	0.238	0.316	0.953	0.773	0.988	0.444	0.835	1.111	0.222
XGB	dataset-F	1210	1011	dataset-E	1290	0.1	0	58	0.001	0.001	1	0.784	1.016	0.416	1.093	1.469	0.072
XGB	dataset-F	1210	1011	dataset-E	1290	0	0.2	13	0.001	0.002	1.000	0.882	1.109	0.303	1.093	1.488	-0.014
XGB	dataset-F	1210	1011	dataset-E	1290	0.4	0	11	0.008	0.047	0.999	0.961	1.221	0.304	1.109	1.506	-0.023
RF	dataset-F	1210	1011	dataset-E	1290	0.1	0	58	0.242	0.321	0.951	0.779	1.001	0.429	0.879	1.201	-0.072
RF	dataset-F	1210	1011	dataset-E	1290	0	0.1	22	0.245	0.322	0.951	0.788	1.009	0.421	0.881	1.231	-0.095
RF	dataset-F	1210	1011	dataset-E	1290	0.3	0	21	0.285	0.367	0.936	0.887	1.118	0.343	1.012	1.315	-0.179
RF	dataset-F	1210	1011	dataset-E	1290	0	0.02	34	0.240	0.317	0.952	0.777	0.992	0.440	0.906	1.238	-0.214
XGB	dataset-F	1210	1011	dataset-E	1290	0.3	0	21	0.007	0.045	0.999	0.946	1.214	0.323	1.101	1.468	-0.263
ANN	dataset-F	1210	1011	dataset-E	1290	0	0.05	27	0.413	0.553	0.854	0.817	1.057	0.377	1.273	1.727	-0.265
RF	dataset-F	1210	1011	dataset-E	1290	0.4	0	11	0.298	0.383	0.93	0.908	1.138	0.328	1.029	1.363	-0.289
XGB	dataset-F	1210	1011	dataset-E	1290	0	0.5	8	0.001	0.002	1.000	0.930	1.198	0.227	1.334	1.716	-0.306
RF	dataset-F	1210	1011	dataset-E	1290	0	0.2	13	0.260	0.338	0.946	0.838	1.062	0.362	0.962	1.342	-0.309
RF	dataset-F	1210	1011	dataset-E	1290	0	0.05	27	0.243	0.320	0.951	0.777	0.991	0.441	0.946	1.306	-0.401
XGB	dataset-F	1210	1011	dataset-E	1290	0.5	0	1	0.057	0.155	0.989	1.270	1.627	0.500	1.370	1.789	-0.521
RF	dataset-F	1210	1011	dataset-E	1290	0.2	0	31	0.262	0.342	0.944	0.856	1.09	0.327	1.012	1.383	-0.577
XGB	dataset-F	1210	1011	dataset-E	1290	0.2	0	31	0.001	0.002	1	0.899	1.166	0.254	1.205	1.645	-0.605
ANN	dataset-F	1210	1011	dataset-E	1290	0	0.5	8	0.689	0.897	0.618	0.960	1.226	0.165	1.150	1.540	-0.693
RF	dataset-F	1210	1011	dataset-E	1290	0.5	0	1	0.402	0.516	0.874	1.12	1.411	0.221	1.189	1.564	-0.715
ANN	dataset-F	1210	1011	dataset-E	1290	0	0.1	22	0.395	0.536	0.862	0.816	1.060	0.373	1.260	1.643	-0.796

ANN	dataset-F	1210	1011 dataset-E	1290	0	0.01	40	0.308	0.420	0.915	0.835	1.081	0.342	1.278	1.722	-0.807
ANN	dataset-F	1210	1011 dataset-E	1290	0	0.2	13	0.547	0.720	0.753	0.892	1.145	0.272	1.042	1.398	-0.876
ANN	dataset-F	1210	1011 dataset-E	1290	0	0.02	34	0.278	0.382	0.930	0.822	1.055	0.375	1.092	1.433	-0.902
ANN	dataset-F	1210	1011 dataset-E	1290	0.1	0	58	0.378	0.506	0.875	0.901	1.159	0.269	1.175	1.547	-0.98
ANN	dataset-F	1210	1011 dataset-E	1290	0.2	0	31	0.601	0.784	0.708	0.907	1.178	0.223	1.166	1.565	-1.536
ANN	dataset-F	1210	1011 dataset-E	1290	0.5	0	1	0.955	1.203	0.313	0.972	1.210	0.180	1.112	1.410	-1.705
ANN	dataset-F	1210	1011 dataset-E	1290	0.4	0	11	0.751	0.955	0.567	0.905	1.151	0.313	1.407	1.929	-1.796
RF	dataset-F	1210	1011 dataset-E	1290	0	0.5	8	0.284	0.367	0.936	0.914	1.162	0.260	1.189	1.558	-1.935
ANN	dataset-F	1210	1011 dataset-E	1290	0.3	0	21	0.737	0.944	0.575	0.885	1.126	0.286	1.351	1.874	-5.872

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train s	Train si	Test set	Test s	Pearson	Lasso(alp	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
RF	dataset-G	1144	363	dataset-E	1290	0	0.01	43	0.229	0.303	0.980	0.670	0.859	0.811	0.578	0.754	0.832
CONS	dataset-G	1144	363	dataset-E	1290	0	0.01	43	0.000	0.000	0.000	0.000	0.000	0.000	0.571	0.756	0.862
RF	dataset-G	1144	363	dataset-E	1290	0	0.02	36	0.230	0.308	0.980	0.671	0.866	0.807	0.580	0.756	0.831
CONS	dataset-G	1144	363	dataset-E	1290	0	0.02	36	0.000	0.000	0.000	0.000	0.000	0.000	0.571	0.758	0.862
RF	dataset-G	1144	363	dataset-E	1290	0	0.05	27	0.230	0.307	0.980	0.665	0.856	0.810	0.581	0.758	0.830
RF	dataset-G	1144	363	dataset-E	1290	0	0.1	23	0.229	0.306	0.980	0.665	0.854	0.812	0.583	0.762	0.829
RF	dataset-G	1144	363	dataset-E	1290	0.1	0	55	0.234	0.311	0.979	0.7	0.896	0.796	0.585	0.766	0.828
CONS	dataset-G	1144	363	dataset-E	1290	0	0.05	27	0.000	0.000	0.000	0.000	0.000	0.000	0.582	0.775	0.856
CONS	dataset-G	1144	363	dataset-E	1290	0.4	0	22	0.000	0.000	0.000	0.000	0.000	0.000	0.6	0.783	0.852
CONS	dataset-G	1144	363	dataset-E	1290	0.3	0	29	0.000	0.000	0.000	0.000	0.000	0.000	0.605	0.786	0.852
RF	dataset-G	1144	363	dataset-E	1290	0.4	0	22	0.243	0.324	0.977	0.722	0.929	0.782	0.6	0.786	0.82
RF	dataset-G	1144	363	dataset-E	1290	0.3	0	29	0.246	0.327	0.977	0.725	0.934	0.778	0.603	0.788	0.817
CONS	dataset-G	1144	363	dataset-E	1290	0.1	0	55	0.000	0.000	0.000	0.000	0.000	0.000	0.592	0.789	0.85
RF	dataset-G	1144	363	dataset-E	1290	0.2	0	41	0.244	0.324	0.977	0.734	0.946	0.772	0.607	0.792	0.814
CONS	dataset-G	1144	363	dataset-E	1290	0	0.1	23	0.000	0.000	0.000	0.000	0.000	0.000	0.597	0.798	0.847
XGB	dataset-G	1144	363	dataset-E	1290	0	0.01	43	0.006	0.048	0.999	0.674	0.870	0.809	0.602	0.799	0.835
RF	dataset-G	1144	363	dataset-E	1290	0.5	0	13	0.244	0.326	0.977	0.703	0.911	0.789	0.609	0.799	0.817
CONS	dataset-G	1144	363	dataset-E	1290	0.2	0	41	0.000	0.000	0.000	0.000	0.000	0.000	0.619	0.801	0.846
XGB	dataset-G	1144	363	dataset-E	1290	0	0.05	27	0.006	0.048	0.999	0.673	0.892	0.797	0.615	0.814	0.828
CONS	dataset-G	1144	363	dataset-E	1290	0.5	0	13	0.000	0.000	0.000	0.000	0.000	0.000	0.624	0.815	0.84
XGB	dataset-G	1144	363	dataset-E	1290	0	0.02	36	0.006	0.048	0.999	0.685	0.892	0.795	0.621	0.821	0.825
XGB	dataset-G	1144	363	dataset-E	1290	0	0.1	23	0.006	0.048	0.999	0.682	0.904	0.794	0.636	0.837	0.818
XGB	dataset-G	1144	363	dataset-E	1290	0.1	0	55	0.006	0.048	0.999	0.698	0.926	0.782	0.644	0.845	0.815
XGB	dataset-G	1144	363	dataset-E	1290	0.3	0	29	0.006	0.048	0.999	0.753	1.002	0.745	0.651	0.851	0.814
XGB	dataset-G	1144	363	dataset-E	1290	0.2	0	41	0.006	0.048	0.999	0.711	0.939	0.769	0.664	0.857	0.814
XGB	dataset-G	1144	363	dataset-E	1290	0.5	0	13	0.008	0.053	0.999	0.742	0.990	0.751	0.653	0.858	0.817
XGB	dataset-G	1144	363	dataset-E	1290	0.4	0	22	0.006	0.048	0.999	0.78	0.995	0.747	0.663	0.863	0.815
CONS	dataset-G	1144	363	dataset-E	1290	0	0.5	13	0.000	0.000	0.000	0.000	0.000	0.000	0.667	0.927	0.793
ANN	dataset-G	1144	363	dataset-E	1290	0.4	0	22	0.456	0.585	0.926	0.85	1.087	0.696	0.749	0.95	0.729
CONS	dataset-G	1144	363	dataset-E	1290	0	0.2	16	0.000	0.000	0.000	0.000	0.000	0.000	0.686	0.965	0.776
ANN	dataset-G	1144	363	dataset-E	1290	0.3	0	29	0.487	0.624	0.914	0.945	1.218	0.613	0.752	0.967	0.753
ANN	dataset-G	1144	363	dataset-E	1290	0	0.01	43	0.124	0.201	0.991	0.736	0.959	0.756	0.715	0.973	0.770
RF	dataset-G	1144	363	dataset-E	1290	0	0.5	13	0.247	0.339	0.975	0.718	0.939	0.770	0.702	0.976	0.716
ANN	dataset-G	1144	363	dataset-E	1290	0.1	0	55	0.136	0.222	0.989	0.741	0.961	0.764	0.727	0.987	0.764
RF	dataset-G	1144	363	dataset-E	1290	0	0.2	16	0.252	0.347	0.974	0.735	0.958	0.762	0.720	0.988	0.698

ANN	dataset-G	1144	363	dataset-E	1290	0	0.02	36	0.117	0.192	0.992	0.741	0.965	0.759	0.738	0.993	0.764
XGB	dataset-G	1144	363	dataset-E	1290	0	0.5	13	0.007	0.049	0.999	0.741	0.969	0.759	0.720	1.008	0.713
ANN	dataset-G	1144	363	dataset-E	1290	0.2	0	41	0.377	0.496	0.946	0.825	1.059	0.708	0.792	1.014	0.719
ANN	dataset-G	1144	363	dataset-E	1290	0	0.05	27	0.100	0.171	0.994	0.754	0.966	0.758	0.753	1.024	0.740
ANN	dataset-G	1144	363	dataset-E	1290	0	0.5	13	0.227	0.320	0.978	0.789	1.004	0.740	0.773	1.039	0.735
XGB	dataset-G	1144	363	dataset-E	1290	0	0.2	16	0.006	0.048	0.999	0.742	0.995	0.744	0.754	1.048	0.701
ANN	dataset-G	1144	363	dataset-E	1290	0	0.1	23	0.134	0.201	0.991	0.733	0.947	0.769	0.771	1.069	0.736
ANN	dataset-G	1144	363	dataset-E	1290	0.5	0	13	0.650	0.847	0.844	0.858	1.093	0.705	0.866	1.093	0.624
ANN	dataset-G	1144	363	dataset-E	1290	0	0.2	16	0.161	0.239	0.987	0.792	1.000	0.745	0.821	1.152	0.688

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train size	Train size	Test set	Test size	Pearson	Lasso	# of selected	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-H	578	148	dataset-E	1290	0.5	0	20	0.000	0.000	0.000	0.000	0.000	0.000	0.794	1.009	0.755
CONS	dataset-H	578	148	dataset-E	1290	0	0.1	16	0.000	0.000	0.000	0.000	0.000	0.000	0.792	1.018	0.751
RF	dataset-H	578	148	dataset-E	1290	0.5	0	20	0.268	0.384	0.986	0.884	1.126	0.721	0.815	1.064	0.691
RF	dataset-H	578	148	dataset-E	1290	0	0.1	16	0.257	0.375	0.987	0.854	1.073	0.742	0.821	1.073	0.696
RF	dataset-H	578	148	dataset-E	1290	0.1	0	52	0.255	0.365	0.987	0.821	1.042	0.762	0.835	1.082	0.662
RF	dataset-H	578	148	dataset-E	1290	0.2	0	42	0.251	0.362	0.988	0.813	1.035	0.764	0.842	1.093	0.656
CONS	dataset-H	578	148	dataset-E	1290	0	0.02	27	0.000	0.000	0.000	0.000	0.000	0.000	0.843	1.095	0.712
CONS	dataset-H	578	148	dataset-E	1290	0.3	0	30	0.000	0.000	0.000	0.000	0.000	0.000	0.850	1.095	0.712
CONS	dataset-H	578	148	dataset-E	1290	0.1	0	52	0.000	0.000	0.000	0.000	0.000	0.000	0.848	1.096	0.711
CONS	dataset-H	578	148	dataset-E	1290	0.2	0	42	0.000	0.000	0.000	0.000	0.000	0.000	0.848	1.100	0.709
XGB	dataset-H	578	148	dataset-E	1290	0	0.1	16	0.014	0.090	0.999	0.866	1.067	0.763	0.858	1.103	0.628
RF	dataset-H	578	148	dataset-E	1290	0	0.01	33	0.252	0.362	0.987	0.824	1.051	0.750	0.847	1.105	0.654
RF	dataset-H	578	148	dataset-E	1290	0	0.02	27	0.256	0.370	0.987	0.828	1.057	0.756	0.849	1.107	0.667
CONS	dataset-H	578	148	dataset-E	1290	0.4	0	25	0.000	0.000	0.000	0.000	0.000	0.000	0.876	1.110	0.704
RF	dataset-H	578	148	dataset-E	1290	0.3	0	30	0.261	0.379	0.986	0.846	1.089	0.742	0.856	1.115	0.655
RF	dataset-H	578	148	dataset-E	1290	0	0.05	19	0.255	0.371	0.987	0.839	1.058	0.746	0.856	1.117	0.658
RF	dataset-H	578	148	dataset-E	1290	0.4	0	25	0.261	0.377	0.986	0.844	1.086	0.739	0.862	1.118	0.652
CONS	dataset-H	578	148	dataset-E	1290	0	0.01	33	0.000	0.000	0.000	0.000	0.000	0.000	0.870	1.129	0.693
CONS	dataset-H	578	148	dataset-E	1290	0	0.05	19	0.000	0.000	0.000	0.000	0.000	0.000	0.879	1.134	0.691
XGB	dataset-H	578	148	dataset-E	1290	0	0.05	19	0.014	0.090	0.999	0.879	1.097	0.767	0.918	1.191	0.558
CONS	dataset-H	578	148	dataset-E	1290	0	0.5	9	0.000	0.000	0.000	0.000	0.000	0.000	0.916	1.201	0.653
RF	dataset-H	578	148	dataset-E	1290	0	0.5	9	0.275	0.382	0.986	0.871	1.112	0.756	0.931	1.208	0.566
XGB	dataset-H	578	148	dataset-E	1290	0.5	0	20	0.016	0.093	0.999	0.890	1.130	0.726	0.937	1.210	0.570
XGB	dataset-H	578	148	dataset-E	1290	0.4	0	25	0.014	0.090	0.999	0.819	1.049	0.786	0.966	1.240	0.516
XGB	dataset-H	578	148	dataset-E	1290	0.1	0	52	0.013	0.090	0.999	0.759	1.005	0.781	0.983	1.257	0.527
XGB	dataset-H	578	148	dataset-E	1290	0.2	0	42	0.013	0.090	0.999	0.820	1.035	0.771	0.995	1.265	0.525
XGB	dataset-H	578	148	dataset-E	1290	0	0.02	27	0.013	0.090	0.999	0.791	1.018	0.783	0.982	1.270	0.540
XGB	dataset-H	578	148	dataset-E	1290	0.3	0	30	0.013	0.090	0.999	0.855	1.109	0.745	0.989	1.275	0.500
XGB	dataset-H	578	148	dataset-E	1290	0	0.01	33	0.013	0.090	0.999	0.849	1.071	0.768	1.009	1.283	0.500
XGB	dataset-H	578	148	dataset-E	1290	0	0.5	9	0.016	0.093	0.999	0.866	1.105	0.763	0.994	1.315	0.568
ANN	dataset-H	578	148	dataset-E	1290	0	0.5	9	0.168	0.256	0.994	0.671	0.926	0.824	1.041	1.374	0.513
ANN	dataset-H	578	148	dataset-E	1290	0	0.2	13	0.166	0.249	0.994	0.740	1.015	0.830	1.037	1.402	0.504
ANN	dataset-H	578	148	dataset-E	1290	0	0.1	16	0.172	0.266	0.993	0.759	1.071	0.806	1.059	1.403	0.495
ANN	dataset-H	578	148	dataset-E	1290	0.5	0	20	0.359	0.507	0.975	0.822	1.121	0.738	1.147	1.446	0.471
ANN	dataset-H	578	148	dataset-E	1290	0.2	0	42	0.157	0.248	0.994	0.713	0.966	0.823	1.104	1.470	0.461

ANN	dataset-H	578	148 dataset-E	1290	0	0.02	27	0.144	0.230	0.995	0.703	0.938	0.835	1.106	1.478	0.453
ANN	dataset-H	578	148 dataset-E	1290	0.1	0	52	0.148	0.237	0.995	0.725	0.975	0.824	1.142	1.501	0.378
ANN	dataset-H	578	148 dataset-E	1290	0.3	0	30	0.289	0.412	0.984	0.765	1.038	0.787	1.176	1.504	0.335
ANN	dataset-H	578	148 dataset-E	1290	0	0.01	33	0.148	0.244	0.994	0.713	0.961	0.821	1.156	1.546	0.369
CONS	dataset-H	578	148 dataset-E	1290	0	0.2	13	0.000	0.000	0.000	0.000	0.000	0.000	1.155	1.554	0.419
ANN	dataset-H	578	148 dataset-E	1290	0.4	0	25	0.303	0.448	0.981	0.776	1.029	0.770	1.235	1.573	0.300
ANN	dataset-H	578	148 dataset-E	1290	0	0.05	19	0.167	0.257	0.994	0.748	1.045	0.805	1.202	1.583	0.322
XGB	dataset-H	578	148 dataset-E	1290	0	0.2	13	0.016	0.093	0.999	0.859	1.128	0.762	1.253	1.669	0.324
RF	dataset-H	578	148 dataset-E	1290	0	0.2	13	0.272	0.379	0.986	0.908	1.172	0.678	1.372	1.901	0.248

Test/Train Method						Feature Selection			Train			Validation			Test		
Model	Train set	Train	Train size	Test set	Test size	Pearson	Lasso(α)	# of selec	MAE	RMSE	R2	MAE-V	RMSE-V	R2-V	MAE-T	RMSE-T	R2-T
CONS	dataset-I	94	62	dataset-E	1290	0	0.02	25	0.000	0.000	0.000	0.000	0.000	0.000	1.210	1.517	0.447
CONS	dataset-I	94	62	dataset-E	1290	0	0.05	20	0.000	0.000	0.000	0.000	0.000	0.000	1.210	1.525	0.441
CONS	dataset-I	94	62	dataset-E	1290	0.2	0	24	0.000	0.000	0.000	0.000	0.000	0.000	1.209	1.531	0.436
CONS	dataset-I	94	62	dataset-E	1290	0.1	0	39	0.000	0.000	0.000	0.000	0.000	0.000	1.207	1.538	0.431
CONS	dataset-I	94	62	dataset-E	1290	0.5	0	5	0.000	0.000	0.000	0.000	0.000	0.000	1.213	1.563	0.413
CONS	dataset-I	94	62	dataset-E	1290	0.3	0	13	0.000	0.000	0.000	0.000	0.000	0.000	1.238	1.572	0.406
CONS	dataset-I	94	62	dataset-E	1290	0.4	0	8	0.000	0.000	0.000	0.000	0.000	0.000	1.233	1.582	0.398
CONS	dataset-I	94	62	dataset-E	1290	0	0.01	33	0.000	0.000	0.000	0.000	0.000	0.000	1.272	1.595	0.388
CONS	dataset-I	94	62	dataset-E	1290	0	0.1	17	0.000	0.000	0.000	0.000	0.000	0.000	1.283	1.618	0.370
CONS	dataset-I	94	62	dataset-E	1290	0	0.2	14	0.000	0.000	0.000	0.000	0.000	0.000	1.385	1.773	0.244
CONS	dataset-I	94	62	dataset-E	1290	0	0.5	10	0.000	0.000	0.000	0.000	0.000	0.000	1.458	1.832	0.193
ANN	dataset-I	94	62	dataset-E	1290	0.3	0	13	0.281	0.399	0.878	0.882	1.126	0.732	1.514	1.980	-0.538
ANN	dataset-I	94	62	dataset-E	1290	0.4	0	8	0.704	0.911	0.365	0.732	0.911	0.345	1.549	2.013	-0.562
ANN	dataset-I	94	62	dataset-E	1290	0	0.02	25	0.098	0.216	0.964	0.807	0.999	0.466	1.453	1.848	-0.707
ANN	dataset-I	94	62	dataset-E	1290	0.1	0	39	0.117	0.226	0.959	0.744	0.905	0.358	1.319	1.708	-0.873
XGB	dataset-I	94	62	dataset-E	1290	0.5	0	5	0.029	0.107	0.991	0.768	0.955	0.342	1.191	1.532	-1.065
ANN	dataset-I	94	62	dataset-E	1290	0.2	0	24	0.148	0.261	0.948	0.803	0.957	0.686	1.364	1.750	-1.124
XGB	dataset-I	94	62	dataset-E	1290	0.2	0	24	0.028	0.107	0.991	0.853	1.051	0.370	1.204	1.526	-1.347
XGB	dataset-I	94	62	dataset-E	1290	0	0.02	25	0.028	0.107	0.991	0.760	0.935	0.369	1.207	1.516	-1.673
ANN	dataset-I	94	62	dataset-E	1290	0	0.1	17	0.089	0.194	0.971	0.772	0.992	0.545	1.546	1.948	-1.712
RF	dataset-I	94	62	dataset-E	1290	0.5	0	5	0.252	0.331	0.916	0.714	0.913	0.347	1.168	1.495	-1.738
XGB	dataset-I	94	62	dataset-E	1290	0.4	0	8	0.028	0.107	0.991	0.879	1.069	0.550	1.202	1.553	-1.744
XGB	dataset-I	94	62	dataset-E	1290	0	0.05	20	0.028	0.107	0.991	0.827	1.041	0.377	1.198	1.519	-1.942
ANN	dataset-I	94	62	dataset-E	1290	0	0.2	14	0.098	0.195	0.970	0.865	1.079	0.561	1.295	1.670	-2.005
XGB	dataset-I	94	62	dataset-E	1290	0	0.01	33	0.028	0.107	0.991	0.813	0.987	0.440	1.316	1.658	-2.076
ANN	dataset-I	94	62	dataset-E	1290	0.5	0	5	0.506	0.643	0.683	0.734	0.913	0.247	1.343	1.769	-2.280
ANN	dataset-I	94	62	dataset-E	1290	0	0.05	20	0.190	0.326	0.869	0.911	1.121	0.552	1.300	1.671	-2.370
XGB	dataset-I	94	62	dataset-E	1290	0	0.1	17	0.028	0.107	0.991	0.759	0.978	0.351	1.234	1.563	-2.431
XGB	dataset-I	94	62	dataset-E	1290	0.1	0	39	0.028	0.107	0.991	0.841	1.028	0.399	1.298	1.637	-2.464
ANN	dataset-I	94	62	dataset-E	1290	0	0.5	10	1.054	1.227	0.153	1.135	1.298	0.703	1.672	2.038	-2.478
RF	dataset-I	94	62	dataset-E	1290	0	0.05	20	0.249	0.333	0.915	0.700	0.898	0.397	1.199	1.522	-2.711
RF	dataset-I	94	62	dataset-E	1290	0	0.02	25	0.254	0.333	0.915	0.703	0.894	0.378	1.188	1.509	-2.725
RF	dataset-I	94	62	dataset-E	1290	0	0.1	17	0.244	0.328	0.918	0.670	0.877	0.427	1.206	1.527	-2.808

RF	dataset-I	94	62 dataset-E	1290	0.4	0	8	0.262	0.343	0.910	0.702	0.916	0.371	1.228	1.563	-2.950
XGB	dataset-I	94	62 dataset-E	1290	0.3	0	13	0.028	0.107	0.991	0.843	1.060	0.343	1.327	1.657	-3.103
RF	dataset-I	94	62 dataset-E	1290	0	0.01	33	0.252	0.334	0.915	0.694	0.883	0.394	1.224	1.549	-3.177
RF	dataset-I	94	62 dataset-E	1290	0.1	0	39	0.259	0.337	0.913	0.719	0.906	0.380	1.224	1.546	-3.197
ANN	dataset-I	94	62 dataset-E	1290	0	0.01	33	0.085	0.180	0.975	0.884	1.100	0.483	1.371	1.728	-3.236
RF	dataset-I	94	62 dataset-E	1290	0.3	0	13	0.263	0.343	0.910	0.708	0.895	0.395	1.239	1.565	-3.360
RF	dataset-I	94	62 dataset-E	1290	0.2	0	24	0.264	0.342	0.910	0.731	0.914	0.376	1.242	1.568	-3.467
XGB	dataset-I	94	62 dataset-E	1290	0	0.5	10	0.028	0.107	0.991	0.880	1.094	0.570	1.464	1.884	-5.529
XGB	dataset-I	94	62 dataset-E	1290	0	0.2	14	0.028	0.107	0.991	0.805	1.012	0.400	1.527	1.978	-6.570
RF	dataset-I	94	62 dataset-E	1290	0	0.2	14	0.257	0.338	0.912	0.715	0.905	0.419	1.413	1.794	-6.904
RF	dataset-I	94	62 dataset-E	1290	0	0.5	10	0.269	0.348	0.907	0.754	0.949	0.335	1.459	1.858	-8.539