For the frequency and before removing the outliers

		Frequency on test dataset				Frequency on train dataset				Frequency on all the data				
		MSE	RMSE	cor_kendall	cor	MSE	RMSE	cor_kenda	cor	MSE	RMSE	cor_kenda	cor	
GLM	GLM before removing the outliers	-	-	-	-	-	-	-	-	1.464265	1.210068	0.095883	0.152997	
Regression Tree	Regression Tree before doing anything minsplit=5,cp=0	1.394636	1.180947	0.0600927	0.0538421	1.472254	1.213365	0.122743	0.217336	1.456726	1.206949	0.105736	0.182014	
	Regression Tree after applying the best cp= 0.001477572 on the	1.395869	1.181469	0.07498071	0.054052	1.475831	1.214838	0.129625	0.211896	1.459834	1.208236	0.114134	0.176846	
	Regression Tree for minsplit=2,cp=0	1.386841	1.177642	0.06557614	0.05937	1.467036	1.211213	0.123529	0.225141	1.450992	1.204571	0.107191	0.190861	
	Regression Tree after applying the best cp=0.001391098 on the	1.388601	1.178389	0.07524748	0.0588928	1.471148	1.212909	0.129644	0.219046	1.454633	1.206082	0.114205	0.184997	
	Regression Tree after applying the minsplit=21 and cp=0.00026983	1.378074	1.173914	0.08388137	0.0694546	1.486956	1.219408	0.126044	0.194118	1.465173	1.210443	0.112147	0.165706	
	Regression Tree after applying the minsplit=21 and the best	1.369126	1.170097	0.08464738	0.0717499	1.491612	1.221316	0.118681	0.186195	1.467107	1.211242	0.106509	0.160813	
Boosting	Boosting for cv.folds = 5 and n.trees = 1500	1.991979	1.411375	0.08600527	0.2483779	3.091508	1.758268	0.115837	0.236685	2.871531	1.694559	0.104722	0.23392	**Out-of-bag estimate of root mean squared error**
	Boosting for cv.folds = 5 and n.trees = 1000	1.983884	1.408504	0.08590221	0.2431216	3.080313	1.755082	0.118003	0.243601	2.860957	1.691436	0.105923	0.238505	
	Boosting for cv.folds = 5 and n.trees = 2500	1.98328	1.40829	0.09045978	0.2454939	3.078401	1.754537	0.117309	0.244399	2.859307	1.690948	0.106176	0.239751	
	Boosting for cv.folds = 5 and n.trees =5000	1.979979	1.407117	0.08562488	0.2473607	3.076882	1.754104	0.119409	0.241234	2.857431	1.690394	0.107105	0.237177	
Bagging	Bagging for nbagg=200	1.307622	1.143513	0.1026546	0.289364	1.276701	1.129912	0.116586	0.417661	1.282888	1.132646	0.10906	0.385531	1.1412
	Bagging for nbagg=100	1.308101	1.143722	0.1057791	0.2895884	1.277785	1.130391	0.109463	0.416619	1.28385	1.133071	0.10377	0.38489	1.1396
	Bagging for nbagg=150	1.300662	1.140466	0.1012679	0.2885136	1.274221	1.128814	0.117511	0.419809	1.279511	1.131155	0.10918	0.388035	1.1394
	Bagging without anything	1.310218	1.144648	0.1102993	0.2792626	1.277517	1.130273	0.112328	0.416911	1.28406	1.133164	0.106751	0.384327	1.1376
Random Forest	RF without doing anything	1.222906	1.105851	0.08982141	0.3302648	1.164898	1.079304	0.221136	0.518324	1.176503	1.084667	0.191272	0.481074	
	min	1.222906	1.105851	0.0600927	0.0538421	1.164898	1.079304	0.109463	0.186195	1.176503	1.084667	0.095883	0.152997	
	max	1.991979	1.411375	0.1102993	0.3302648	3.091508	1.758268	0.221136	0.518324	2.871531	1.694559	0.191272	0.481074	

For the frequency and after removing the outliers

		Frequency on test dataset				Frequency on train dataset				Frequency on all the data				
		MSE	RMSE	cor_kendall	cor	MSE	RMSE	cor_kenda	cor	MSE	RMSE	cor_kenda	cor	
GLM	GLM after removing the outliers	-	-	-	-	-	-	-	-	0.706502	0.840537	0.106876	0.184172	
Regression Tree	Regression Tree before doing anything minsplit=5,cp=0	0.58386	0.764107	0.0718982	0.1094855	0.7374066	0.8587238	0.132813	0.220681	0.706694	0.840651	0.11417	0.197537	
	Regression Tree after applying the best cp on the minsplit=5	0.584687	0.764648	0.07786129	0.1053745	0.7380955	0.8591248	0.140562	0.218635	0.70741	0.841077	0.120701	0.195174	
	Regression Tree for minsplit=2,cp=0	0.583131	0.76363	0.07371094	0.1102565	0.7372217	0.8586162	0.133089	0.221227	0.7064	0.840476	0.114775	0.198383	
	Regression Tree after applying the best cp on the minsplit=2	0.586956	0.766131	0.07834573	0.1023012	0.7392458	0.8597941	0.139004	0.215209	0.708784	0.841893	0.119469	0.190831	
	Regression Tree after applying the minsplit=21 and cp=0.00026983	0.587735	0.766639	0.07768302	0.099048	0.7396185	0.8600108	0.138865	0.214088	0.709238	0.842163	0.11926	0.189333	
Boosting	Boosting for cv.folds = 5 and n.trees = 1500	1.283892	1.133089	0.09546982	0.1356776	2.156165	1.468388	0.115024	0.194329	1.98169	1.407725	0.104176	0.179234	Out-of-bag estimate of root mean squared error
	Boosting for cv.folds = 5 and n.trees = 1000	1.280659	1.131662	0.0920743	0.1347186	2.150828	1.46657	0.116256	0.194554	1.976774	1.405978	0.104613	0.179521	
	Boosting for cv.folds = 5 and n.trees = 2500	1.284428	1.133326	0.09747634	0.1362288	2.153021	1.467318	0.1146	0.194011	1.979283	1.40687	0.104978	0.180157	
	Boosting for cv.folds = 5 and n.trees =5000	1.280782	1.131717	0.09581657	0.1366142	2.150673	1.466517	0.116203	0.194492	1.976675	1.405943	0.105304	0.179851	
Bagging	Bagging for nbagg=200	0.570341	0.755209	0.09649546	0.1065296	0.7565427	0.8697946	0.116489	0.154924	0.719298	0.848114	0.111541	0.144837	0.8702
	Bagging for nbagg=100	0.569156	0.754424	0.07540802	0.1068434	0.7563938	0.869709	0.112941	0.155577	0.718942	0.847905	0.102415	0.145412	0.8701
	Bagging for nbagg=150	0.57054	0.755341	0.07540802	0.1067641	0.7563663	0.8696932	0.112941	0.15567	0.719197	0.848055	0.102415	0.145464	0.8702
	Bagging without anything	0.571038	0.755671	0.09649546	0.1070048	0.7564406	0.8697359	0.116489	0.155401	0.719356	0.848149	0.111541	0.145316	0.8702
Random Forest	RF without doing anything	0.5704	0.755248	0.09059181	0.1198872	0.743051	0.8620041	0.125447	0.21238	0.708517	0.841735	0.111432	0.192745	
	min	0.569156	0.754424	0.0718982	0.099048	0.7372217	0.8586162	0.112941	0.154924	0.7064	0.840476	0.102415	0.144837	
	max	1.284428	1.133326	0.09747634	0.1366142	2.156165	1.468388	0.140562	0.221227	1.98169	1.407725	0.120701	0.198383	

For the severity and before removing the outliers

		Severity on test dataset				Severity on train dataset				Severity on all the data				
		MSE	RMSE	cor_kenda	cor	MSE	RMSE	cor_kenda	cor	MSE	RMSE	cor_kenda	cor	
GLM	GLM before removing the outliers	-	-	-	-	-	-	-	-	286061616	16913.36	0.367428	0.304166	
Regression Tree	Regression Tree before doing anything minsplit=5,cp=0	145588789	12066.02	0.205405	0.1005823	224106061	14970.17	0.492513	0.621318	208397553	14435.98	0.435212	0.582513	
	Regression Tree after applying the best cp=	-	-	-	-	-	-	-	-	-	-	-	-	
	Regression Tree for minsplit=2,cp=0	164676262	12832.62	0.19149	0.0888317	187077822	13677.64	0.538887	0.698197	182596068	13512.81	0.465464	0.650031	
	Regression Tree after applying the best	-	-	-	-	-	-	-	-	-	-	-	-	
	Regression Tree after applying the minsplit	110185442	10496.93	0.214537	0.2219333	245927630	15682.08	0.284176	0.571185	218770455	14790.89	0.27028	0.552047	
	Regression Tree after applying the minsplit	112346964	10599.39	0.215379	0.2115415	288877922	16996.41	0.284542	0.456712	253560368	15923.58	0.270682	0.440774	
Boosting	Boosting for cv.folds = 5 and n.trees = 1500	219959822	14831.04	0.277106	0.0945383	284481452	16866.58	0.376981	0.47001	271572973	16479.47	0.359428	0.392282	Out-of-bag estimate of root mean squared error
	Boosting for cv.folds = 5 and n.trees = 1000	203290994	14258.02	0.276774	0.1022091	286128850	16915.34	0.373467	0.46618	269555947	16418.16	0.356779	0.39218	
	Boosting for cv.folds = 5 and n.trees = 2500	204135421	14287.6	0.281073	0.0988806	286795097	16935.03	0.375504	0.464666	270257841	16439.52	0.359143	0.388779	
	Boosting for cv.folds = 5 and n.trees =5000	211834321	14554.53	0.276168	0.0948335	286457526	16925.06	0.373288	0.464296	271528082	16478.11	0.356504	0.389549	
Bagging	Bagging for nbagg=200	170111718	13042.69	0.238171	0.09061	274647002	16572.48	0.33146	0.504862	253733217	15929.01	0.31485	0.440334	18147.55
	Bagging for nbagg=100	200819579	14171.08	0.236024	0.0708895	274232991	16559.98	0.330479	0.503896	259545584	16110.42	0.313672	0.423455	18291.45
	Bagging for nbagg=150	170469706	13056.4	0.235959	0.089481	274823305	16577.8	0.329517	0.502999	253945868	15935.68	0.312887	0.439865	18115.16
	Bagging without anything	173851963	13185.29	0.235269	0.0882576	272231768	16499.45	0.326124	0.506988	252549475	15891.81	0.309771	0.446388	18151.95
Random Forest	RF without doing anything	159249284	12619.4	0.278287	0.1249686	136893548	11700.15	0.592574	0.849788	141366134	11889.75	0.532152	0.772363	
	min	110185442	10496.93	0.19149	0.0708895	136893548	11700.15	0.284176	0.456712	141366134	11889.75	0.27028	0.304166	
	max	219959822	14831.04	0.281073	0.2219333	288877922	16996.41	0.592574	0.849788	286061616	16913.36	0.532152	0.772363	

For the severity and after removing the outliers

		Severity on test dataset				Severity on train dataset				Severity on all the data				
		MSE	RMSE	cor_kenda	cor	MSE	RMSE	cor_kenda	cor	MSE	RMSE	cor_kenda	cor	
GLM	GLM after removing the outliers	-	-	-	-	-	-	-	-	72258049	8500.473	0.416373	0.490916	
Regression Tree	Regression Tree before doing anything minsplit=5,cp=0	52874131	7271.46	0.272738	0.2779398	37630376	6134.36	0.538635	0.659053	40680176	6378.101	0.487916	0.597603	
	Regression Tree after applying the best cp=	41367240	6431.737	0.316068	0.3903493	49667485	7047.516	0.428713	0.5034	48006865	6928.699	0.409662	0.486022	
	Regression Tree for minsplit=2,cp=0	59350892	7703.953	0.260143	0.2471022	35020053	5917.774	0.573571	0.688177	39887896	6315.686	0.511387	0.611473	
	Regression Tree after applying the best cp on the	43176484	6570.882	0.336572	0.3566808	45837628	6770.349	0.444038	0.557657	45305216	6730.915	0.427387	0.528622	
Boosting	Boosting for cv.folds = 5 and n.trees = 1500	39736243	6303.669	0.314056	0.4181923	50102434	7078.307	0.412332	0.496887	48028482	6930.258	0.398003	0.485319	Out-of-bag estimate of root mean squared error
	Boosting for cv.folds = 5 and n.trees = 1000	39788592	6307.82	0.312977	0.4175727	50122936	7079.755	0.411876	0.496557	48055356	6932.197	0.397083	0.484933	
	Boosting for cv.folds = 5 and n.trees = 2500	39833241	6311.358	0.312137	0.4160701	50116247	7079.283	0.41266	0.49669	48058938	6932.455	0.39755	0.484815	
	Boosting for cv.folds = 5 and n.trees =5000	39833303	6311.363	0.313758	0.4159867	50105915	7078.553	0.413547	0.496852	48050686	6931.86	0.398714	0.484965	
Bagging	Bagging for nbagg=200	41467257	6439.507	0.311964	0.3815496	49848426	7060.342	0.42168	0.501405	48171615	6940.577	0.403283	0.483044	7167.048
	Bagging for nbagg=100	41624610	6451.714	0.309787	0.3792241	49748673	7053.274	0.421385	0.502902	48123301	6937.096	0.402638	0.483813	7161.661
	Bagging for nbagg=150	41373853	6432.251	0.318118	0.3837749	49829089	7058.972	0.422884	0.501597	48137460	6938.116	0.406084	0.483556	7166.858
	Bagging without anything	41307907	6427.123	0.315103	0.3846659	49943231	7067.052	0.429441	0.500223	48215571	6943.743	0.410046	0.482372	7189.949
Random Forest	RF without doing anything	41488283	6441.14	0.328869	0.3803677	41390263	6433.527	0.511783	0.622385	41409874	6435.05	0.481945	0.588058	
	min	39736243	6303.669	0.260143	0.2471022	35020053	5917.774	0.411876	0.496557	39887896	6315.686	0.397083	0.482372	
	max	59350892	7703.953	0.336572	0.4181923	50122936	7079.755	0.573571	0.688177	72258049	8500.473	0.511387	0.611473	