

Linear Model using Development Dataset

The REG Procedure
Model: MODEL1
Dependent Variable: handle

Number of Observations Read	4385
Number of Observations Used	4385

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	151	1.353785E14	8.965467E11	67.76	<.0001
Error	4233	5.600781E13	13231233895		
Corrected Total	4384	1.913864E14			

Root MSE	115027	R-Square	0.7074
Dependent Mean	346952	Adj R-Sq	0.6969
Coeff Var	33.15357		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	765962	174940	4.38	<.0001
track_id_AP	1	50318	9996.20695	5.03	<.0001
track_id_CRC	1	-103486	10109	-10.24	<.0001
race_number_1	1	-13585	82712	-0.16	0.8695
race_number_2	1	47821	82715	0.58	0.5632
race_number_3	1	52408	82687	0.63	0.5262
race_number_4	1	57345	82736	0.69	0.4883
race_number_5	1	76358	82713	0.92	0.3560
race_number_6	1	82983	82661	1.00	0.3155
race_number_7	1	82442	82719	1.00	0.3190
race_number_8	1	63937	82749	0.77	0.4398
race_number_9	1	112739	82694	1.36	0.1729
race_number_10	1	109233	82773	1.32	0.1870
race_number_11	1	107733	83135	1.30	0.1951
race_number_12	1	113951	83658	1.36	0.1732
race_number_13	1	66368	84741	0.78	0.4336
conditions_of_race_NW2_L	1	-5808.67850	7959.87839	-0.73	0.4656
conditions_of_race_NW1_X	1	4646.39032	12985	0.36	0.7205
conditions_of_race_NW2_X	1	-9657.02489	14509	-0.67	0.5057
conditions_of_race_NW3_L	1	-4590.10994	10547	-0.44	0.6634
conditions_of_race_C	1	2828.01772	11032	0.26	0.7977
conditions_of_race_NW3_X	1	-10736	18306	-0.59	0.5576
conditions_of_race_OTHER	1	17422	22768	0.77	0.4442
race_type_CLM	1	-58445	60397	-0.97	0.3333
race_type_MCL	1	-60031	60830	-0.99	0.3238
race_type_MSW	1	15585	51159	0.30	0.7607
race_type_AOC	1	-66457	61451	-1.08	0.2795
race_type_ALW	1	-1843.79724	51429	-0.04	0.9714
race_type_STK	1	248088	59396	4.18	<.0001
race_type_STR	1	-26169	67550	-0.39	0.6985
race_type_CAN	1	-877440	109620	-8.00	<.0001
age_restriction_3U	1	-66765	58759	-1.14	0.2559

age_restriction_02	1	-63399	58415	-1.09	0.2778
age_restriction_34	1	-82843	58435	-1.42	0.1564
age_restriction_03	1	-62435	58590	-1.07	0.2866
age_restriction_35	1	-73127	61174	-1.20	0.2320
age_restriction_45	1	-83043	63108	-1.32	0.1883
age_restriction_4U	1	-40824	59713	-0.68	0.4942
sex_restriction_B	1	-13649	4926.64324	-2.77	0.0056
sex_restriction_F	1	-10856	5384.21649	-2.02	0.0438
stakes_indicator_N	1	-34531	102453	-0.34	0.7361
distance_id_600	1	285898	47152	6.06	<.0001
distance_id_800	1	279497	47121	5.93	<.0001
distance_id_850	1	277556	47148	5.89	<.0001
distance_id_550	1	288749	47433	6.09	<.0001
distance_id_700	1	284097	47503	5.98	<.0001
distance_id_500	1	281425	47473	5.93	<.0001
distance_id_650	1	293410	47570	6.17	<.0001
distance_id_900	1	274435	47411	5.79	<.0001
distance_id_832	1	288685	48684	5.93	<.0001
distance_id_450	1	253953	49297	5.15	<.0001
distance_id_750	1	263878	49812	5.30	<.0001
distance_id_818	1	280582	51207	5.48	<.0001
distance_id_1200	1	299018	55598	5.38	<.0001
distance_id_1000	1	630569	61892	10.19	<.0001
distance_id_200	1	114006	71318	1.60	0.1100
distance_id_950	1	289710	60362	4.80	<.0001
about_distance_indicator_A	1	-18522	9849.96643	-1.88	0.0601
course_type_T	1	80025	14474	5.53	<.0001
purse_usa_25K	1	-89149	23435	-3.80	0.0001
purse_usa_30K	1	-95455	23206	-4.11	<.0001
purse_usa_40K	1	-104422	22235	-4.70	<.0001
purse_usa_100K	1	-67991	20309	-3.35	0.0008
track_condition_FT	1	60669	75125	0.81	0.4194
track_condition_FM	1	28332	76393	0.37	0.7107
track_condition_SY	1	36573	75702	0.48	0.6290
track_condition_GD	1	38948	75756	0.51	0.6072
track_condition_YL	1	117749	77817	1.51	0.1303
track_condition_MY	1	44474	79609	0.56	0.5764
track_condition_SF	1	62790	80475	0.78	0.4353
track_condition_WF	1	38975	79736	0.49	0.6250
weather_C	1	2123.43020	22179	0.10	0.9237
weather_L	1	-5950.62290	22188	-0.27	0.7886
weather_O	1	-10194	23745	-0.43	0.6677
weather_H	1	17179	25394	0.68	0.4988
weather_R	1	-24812	29071	-0.85	0.3934
minimum_claim_price__0	1	-46036	82286	-0.56	0.5759
minimum_claim_price_10K	1	-24781	23771	-1.04	0.2973
minimum_claim_price_16K	1	-30929	27623	-1.12	0.2629
minimum_claim_price_25K	1	-50973	28444	-1.79	0.0732
minimum_claim_price_12K	1	11454	25594	0.45	0.6545
minimum_claim_price_40K	1	-15311	25202	-0.61	0.5435
minimum_claim_price_20K	1	-58051	29045	-2.00	0.0457

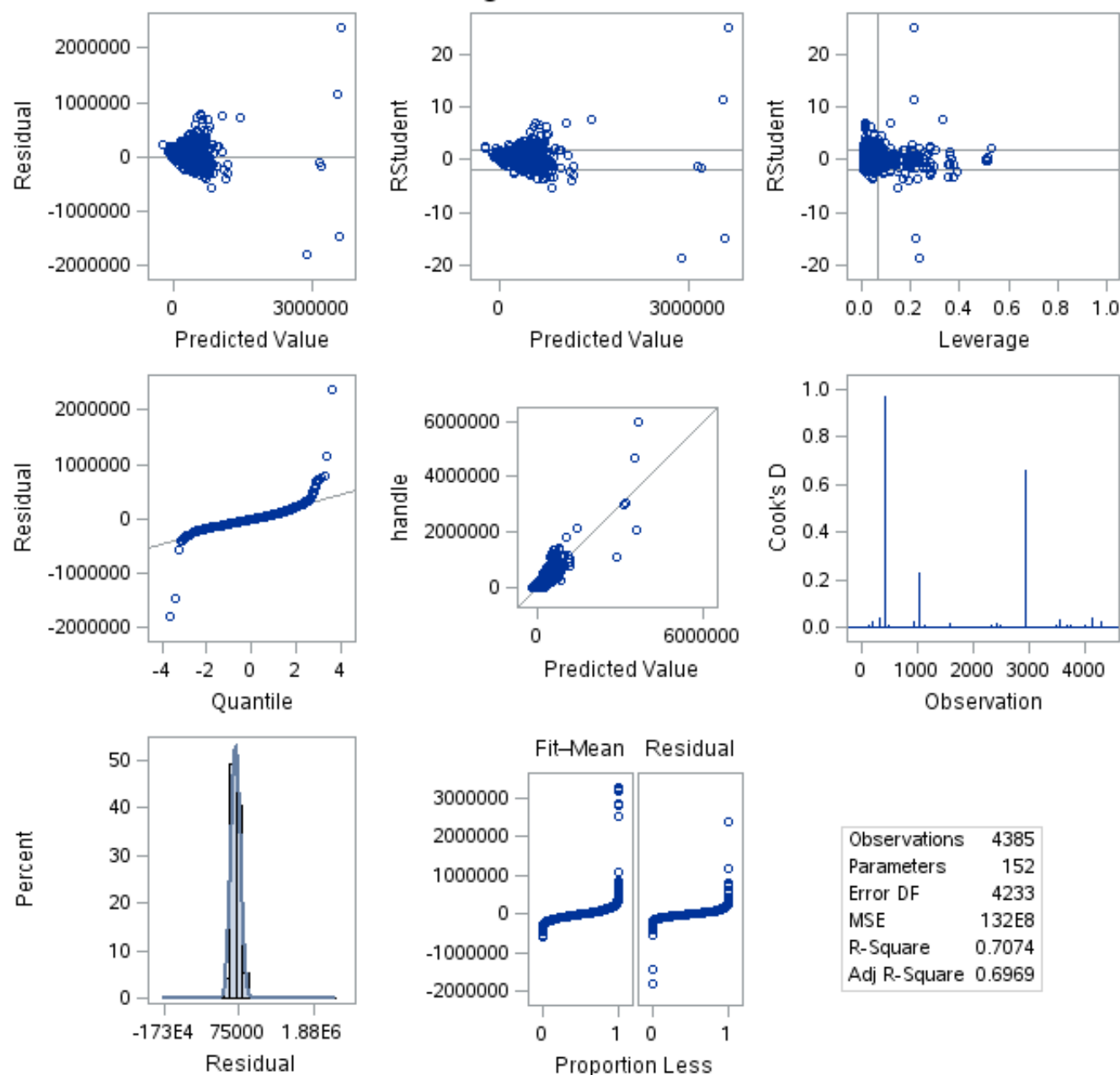
minimum_claim_price_50K	1	-28450	31576	-0.90	0.3676
minimum_claim_price_5K	1	-9231.03080	40922	-0.23	0.8215
minimum_claim_price_32K	1	38235	85573	0.45	0.6550
minimum_claim_price_30K	1	-31202	29557	-1.06	0.2912
minimum_claim_price_15K	1	-54239	31028	-1.75	0.0805
minimum_claim_price_9K	1	-33136	29286	-1.13	0.2579
minimum_claim_price_8K	1	21987	35009	0.63	0.5300
minimum_claim_price_62K	1	-112102	120556	-0.93	0.3525
minimum_claim_price_7K	1	-13072	51749	-0.25	0.8006
minimum_claim_price_6K	1	-34988	85249	-0.41	0.6815
minimum_claim_price_17K	1	-74005	36855	-2.01	0.0447
minimum_claim_price_4K	1	-49642	55285	-0.90	0.3693
minimum_claim_price_18K	1	-58971	39531	-1.49	0.1358
maximum_claim_price_100K	1	-582.28340	64151	-0.01	0.9928
maximum_claim_price___0	1	12629	92304	0.14	0.8912
maximum_claim_price_10K	1	18110	53800	0.34	0.7364
maximum_claim_price_25K	1	66158	55772	1.19	0.2356
maximum_claim_price_16K	1	41885	55274	0.76	0.4486
maximum_claim_price_12K	1	12185	53482	0.23	0.8198
maximum_claim_price_40K	1	40129	53606	0.75	0.4541
maximum_claim_price_50K	1	39461	55469	0.71	0.4769
maximum_claim_price_5K	1	-19306	62421	-0.31	0.7571
maximum_claim_price_20K	1	64377	57080	1.13	0.2595
maximum_claim_price_32K	1	-20099	97489	-0.21	0.8367
maximum_claim_price_15K	1	16365	54515	0.30	0.7640
maximum_claim_price_35K	1	33617	57143	0.59	0.5564
maximum_claim_price_30K	1	35185	56998	0.62	0.5371
maximum_claim_price_8K	1	-11773	57453	-0.20	0.8376
maximum_claim_price_17K	1	75949	59006	1.29	0.1981
maximum_claim_price_62K	1	152237	128707	1.18	0.2369
maximum_claim_price_6K	1	34739	95745	0.36	0.7168
maximum_claim_price_18K	1	-1276.15518	60988	-0.02	0.9833
maximum_claim_price_14K	1	-23163	53868	-0.43	0.6672
maximum_claim_price_13K	1	-29815	57547	-0.52	0.6044
maximum_claim_price_80K	1	73448	72728	1.01	0.3126
grade_1	1	2400576	57888	41.47	<.0001
grade_2	1	350475	40674	8.62	<.0001
grade_3	1	153962	23032	6.68	<.0001
number_of_runners_3	1	-870837	91408	-9.53	<.0001
number_of_runners_4	1	-758333	63632	-11.92	<.0001
number_of_runners_5	1	-684888	60932	-11.24	<.0001
number_of_runners_6	1	-630069	60615	-10.39	<.0001
number_of_runners_7	1	-595247	60591	-9.82	<.0001
number_of_runners_8	1	-568817	60599	-9.39	<.0001
number_of_runners_9	1	-531663	60689	-8.76	<.0001
number_of_runners_10	1	-508850	60709	-8.38	<.0001
number_of_runners_11	1	-486415	60999	-7.97	<.0001
number_of_runners_12	1	-473321	61106	-7.75	<.0001
abbreviated_name_RACE_HAS	1	-247899	68243	-3.63	0.0003
track_sealed_indicator_Y	1	-11518	13592	-0.85	0.3968
track_sealed_indicator_N	1	-12238	6876.87647	-1.78	0.0752

race_date_Super_Bowl	1	-78130	48094	-1.62	0.1043
race_date_Patricks_Day	1	-90984	53076	-1.71	0.0866
race_date_Good_Friday	1	2138.38210	37708	0.06	0.9548
race_date_Easter	1	-34509	37503	-0.92	0.3575
race_date_Cinco_Mayo	1	33208	33879	0.98	0.3271
race_date_Memorial_Day	1	-50164	22026	-2.28	0.0228
race_date_Indep_Day	1	-30152	20649	-1.46	0.1443
race_date_Labor_Day	1	23789	21771	1.09	0.2746
race_date_Veterans_Day	1	28000	23228	1.21	0.2281
race_date_Thanksgiving	1	-92248	24579	-3.75	0.0002
race_date_Boxing_Day	1	247272	28049	8.82	<.0001
race_date_New_Year_Day	1	77241	25199	3.07	0.0022
race_weekday_Sun	1	8174.03620	9134.37762	0.89	0.3709
race_weekday_Mon	1	29488	9457.03406	3.12	0.0018
race_weekday_Wed	1	27095	11704	2.32	0.0207
race_weekday_Thu	1	15772	9791.66257	1.61	0.1073
race_weekday_Fri	1	50408	9126.44099	5.52	<.0001
race_weekday_Sat	1	84478	9188.98012	9.19	<.0001

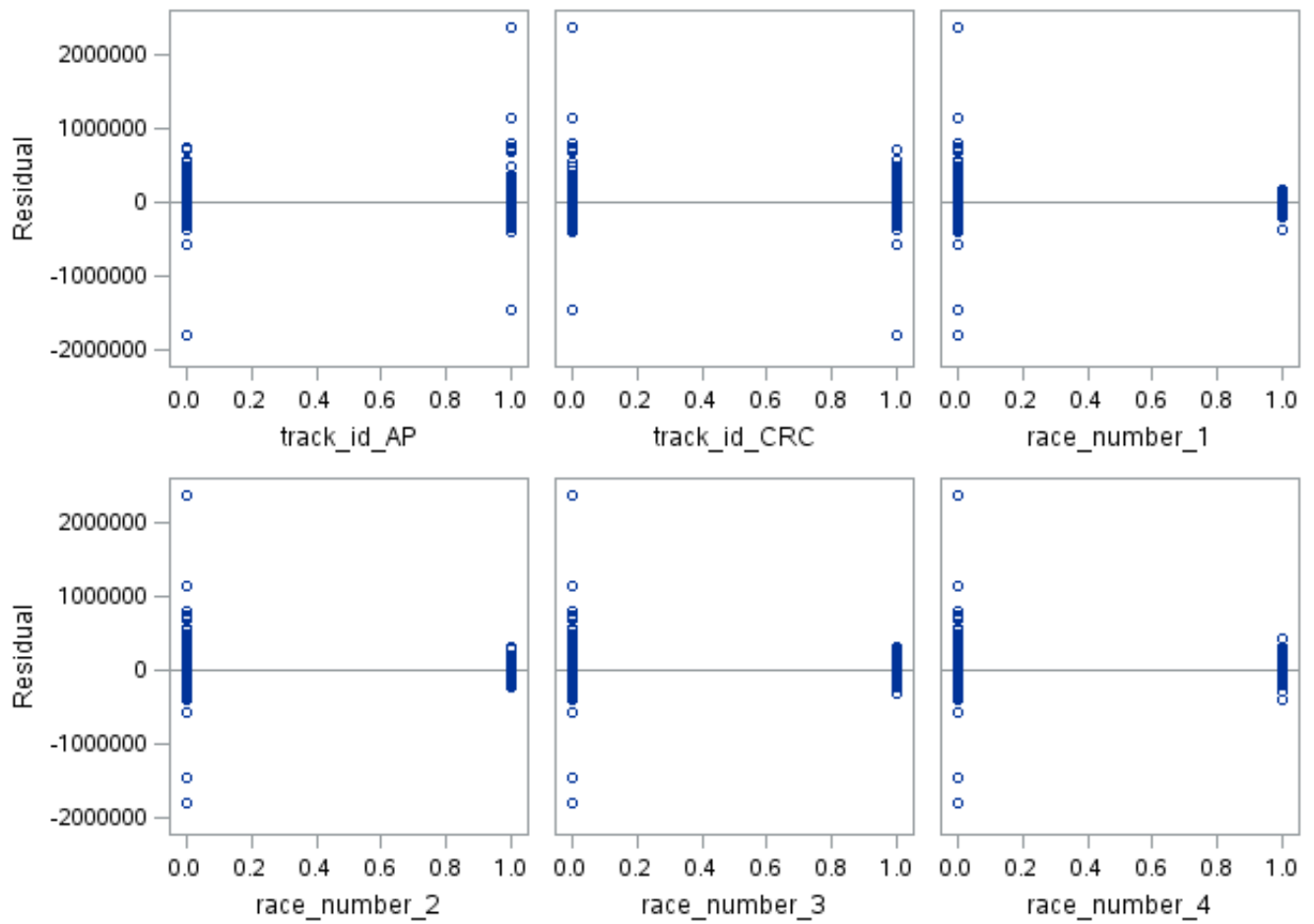
Linear Model using Development Dataset

The REG Procedure
Model: MODEL1
Dependent Variable: handle

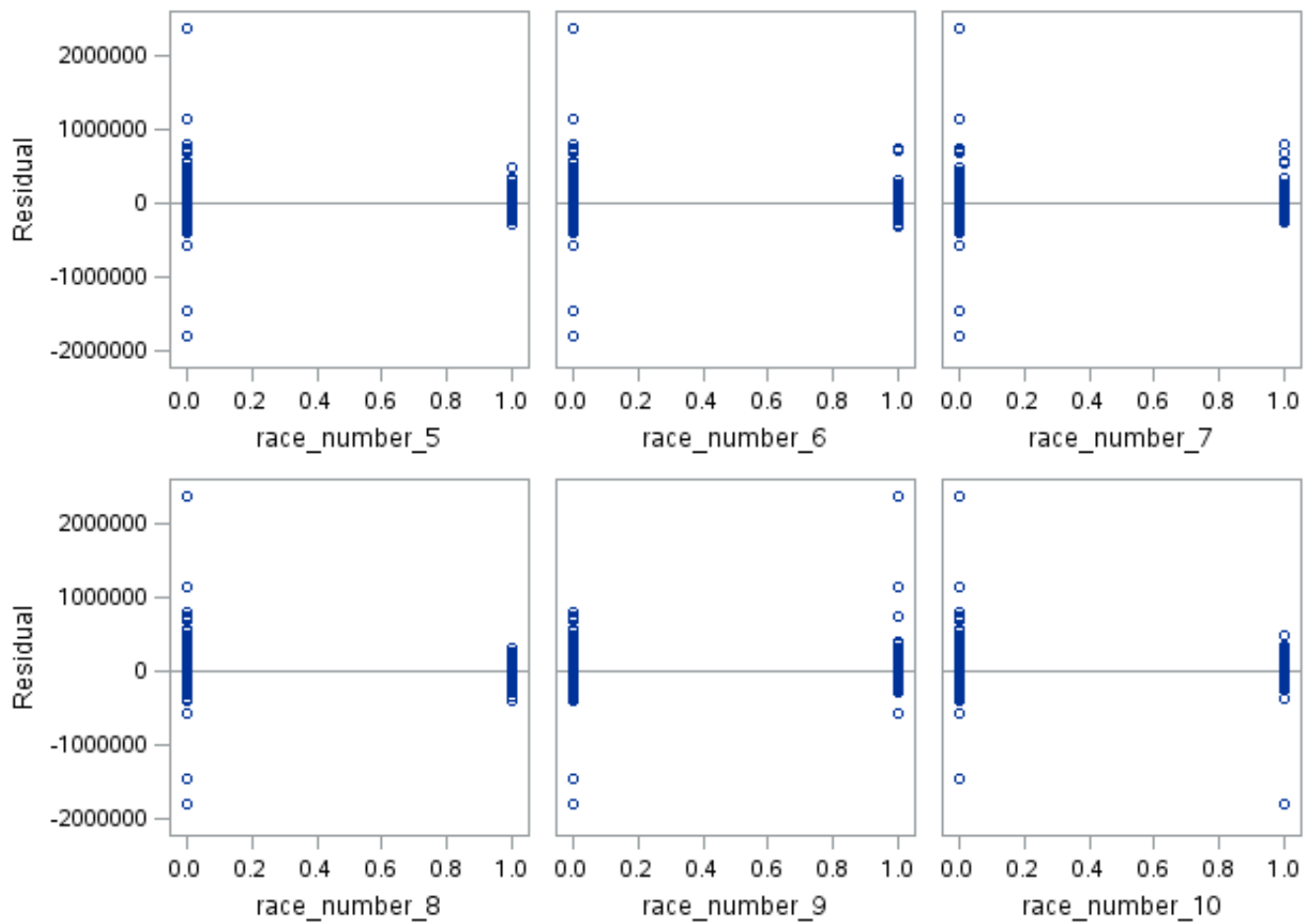
Fit Diagnostics for handle



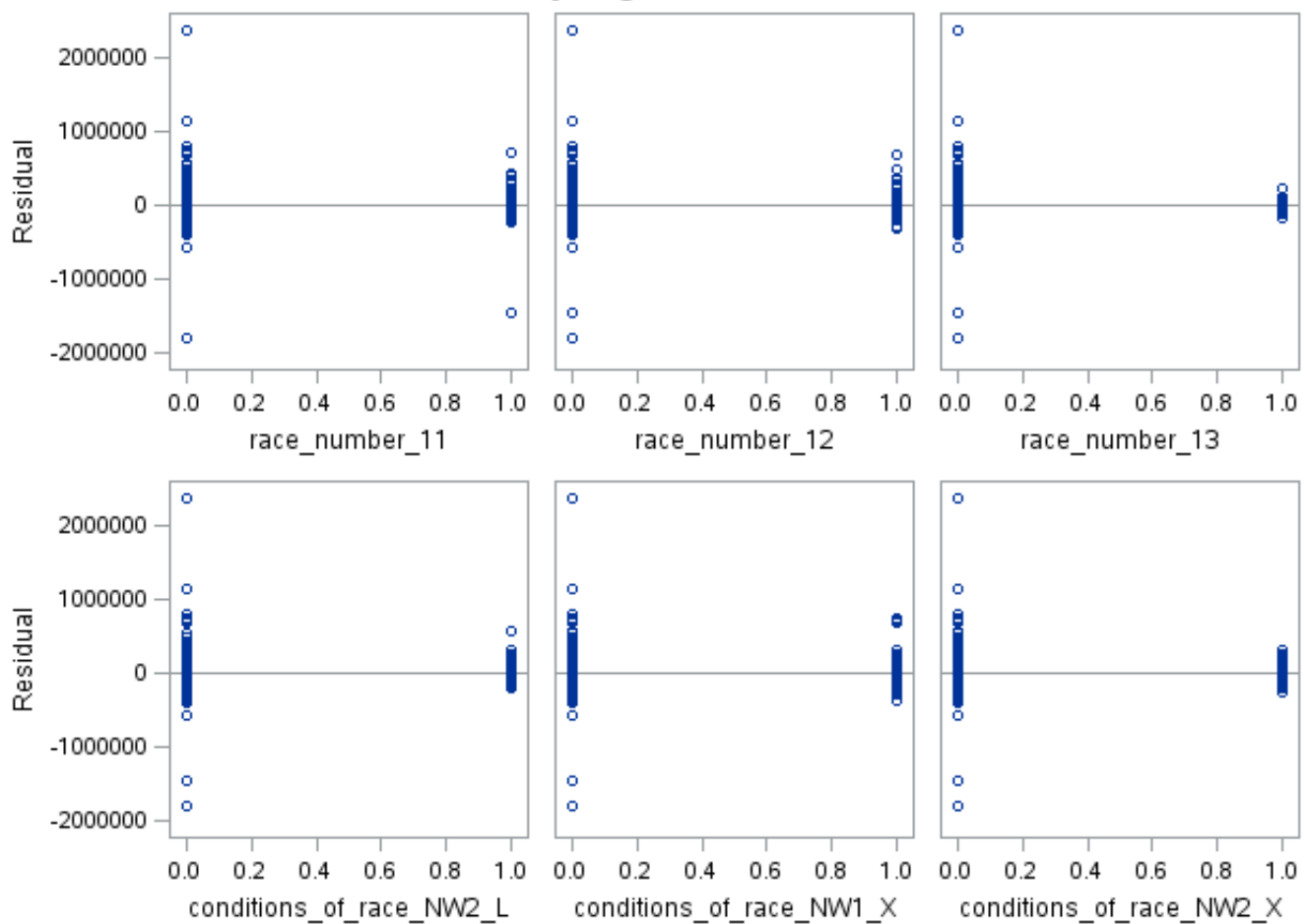
Residual by Regressors for handle



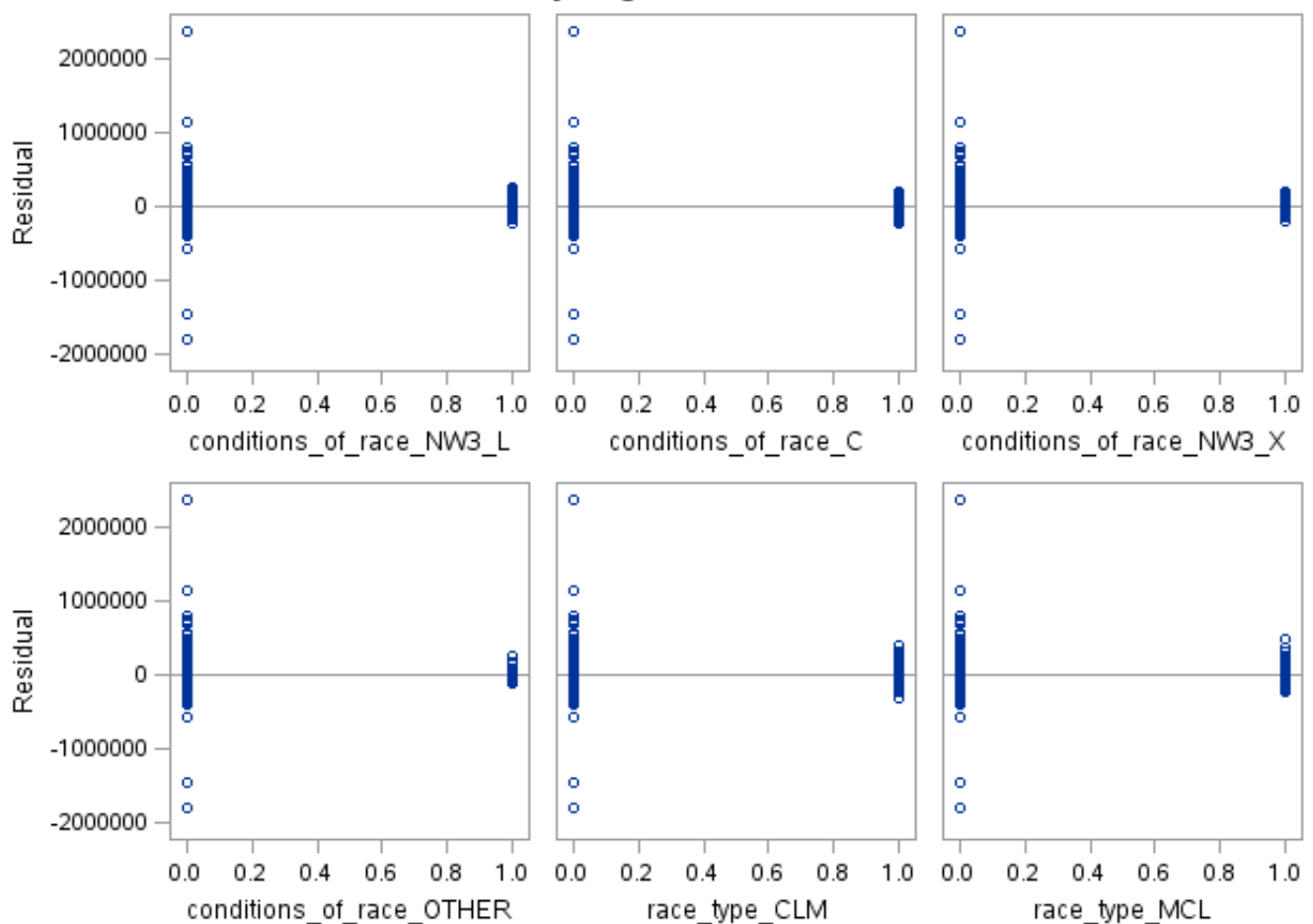
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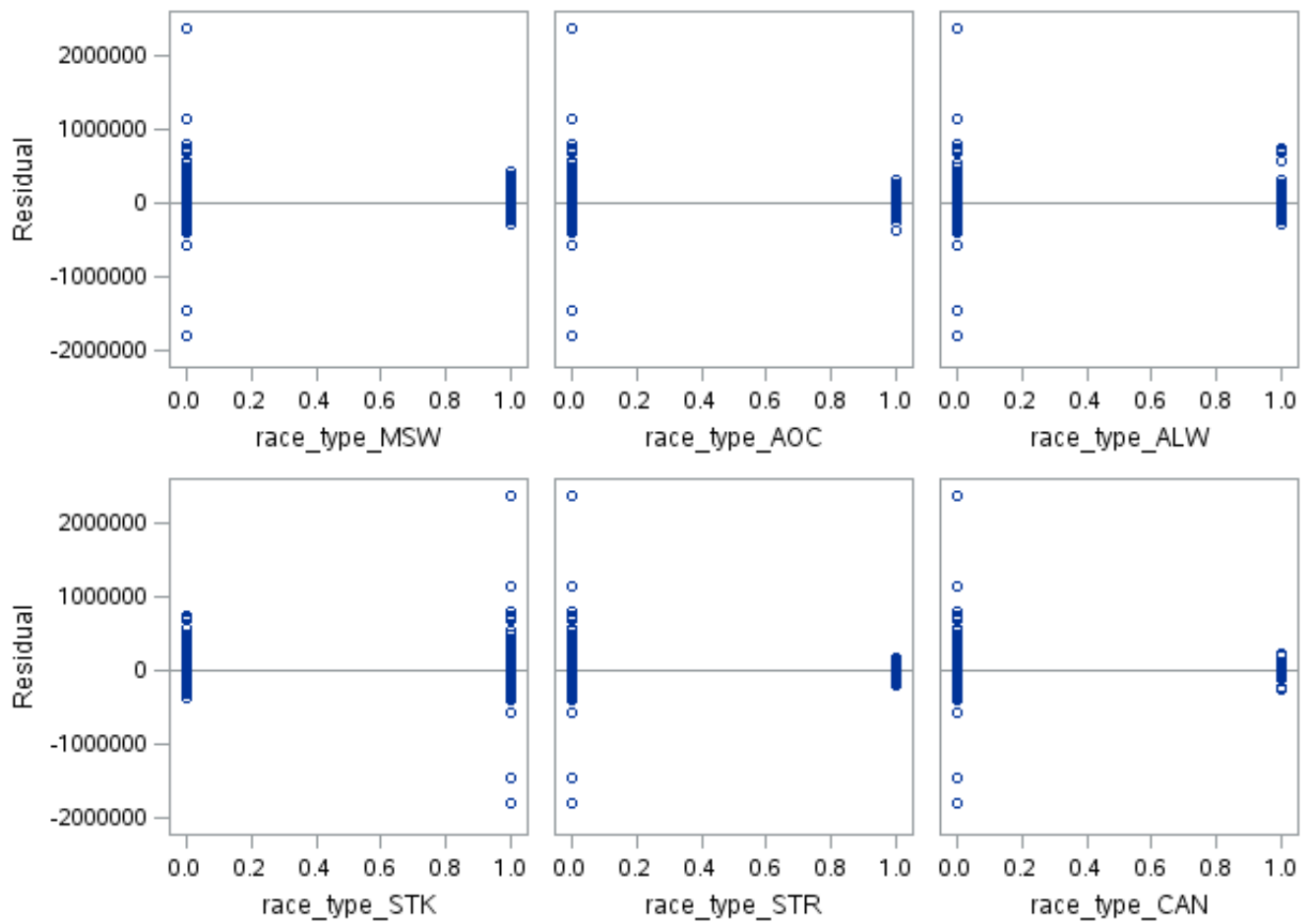
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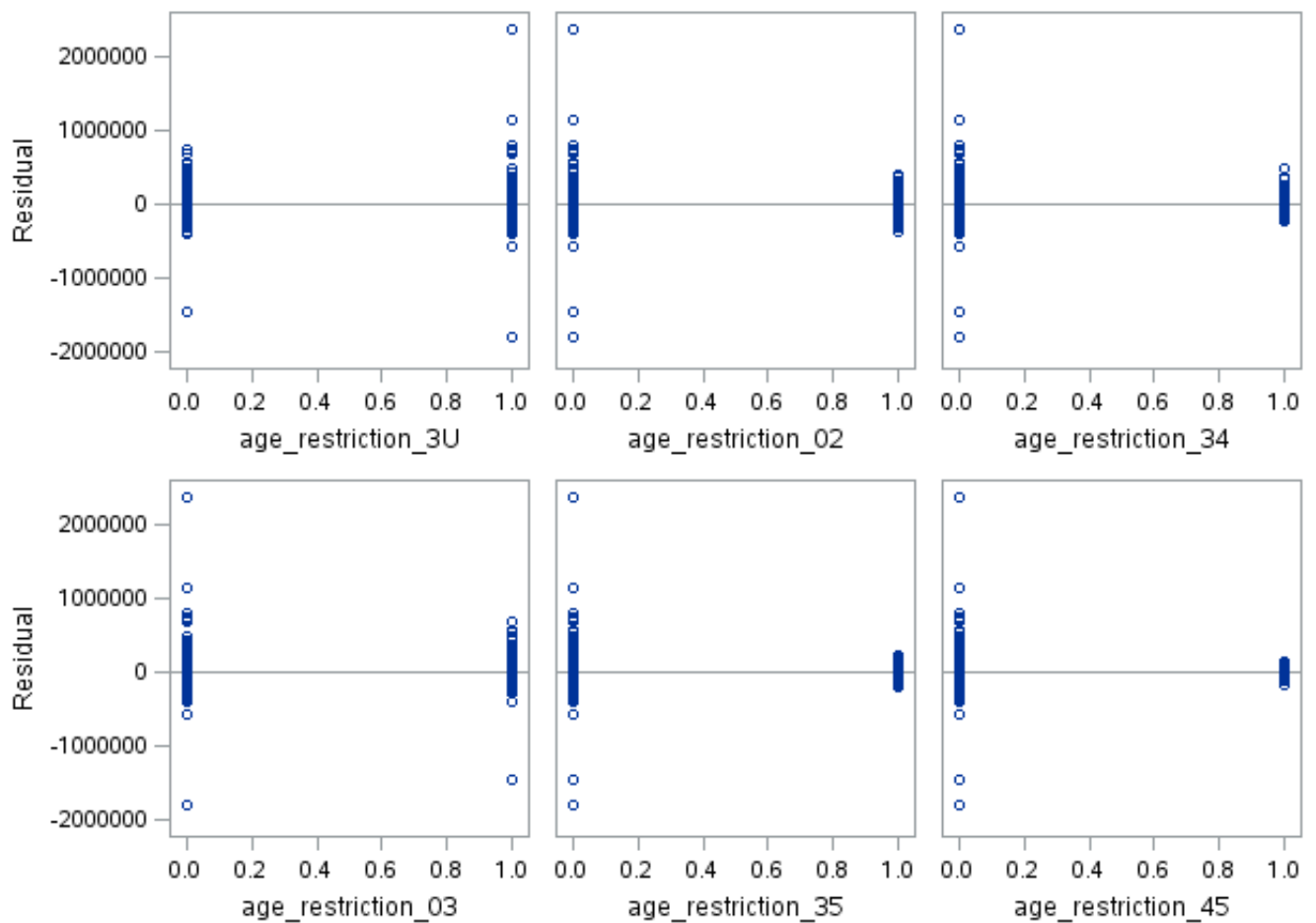
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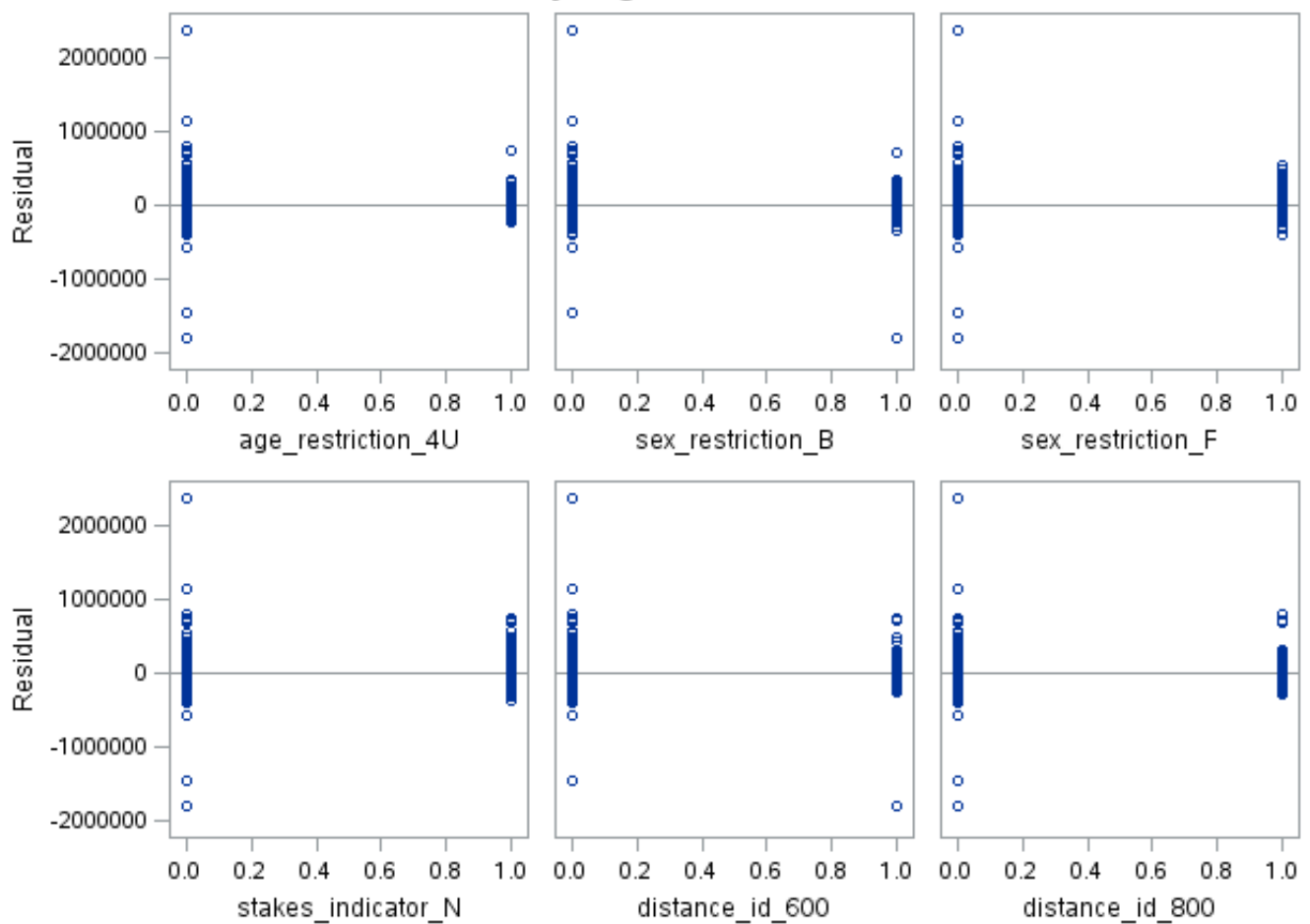
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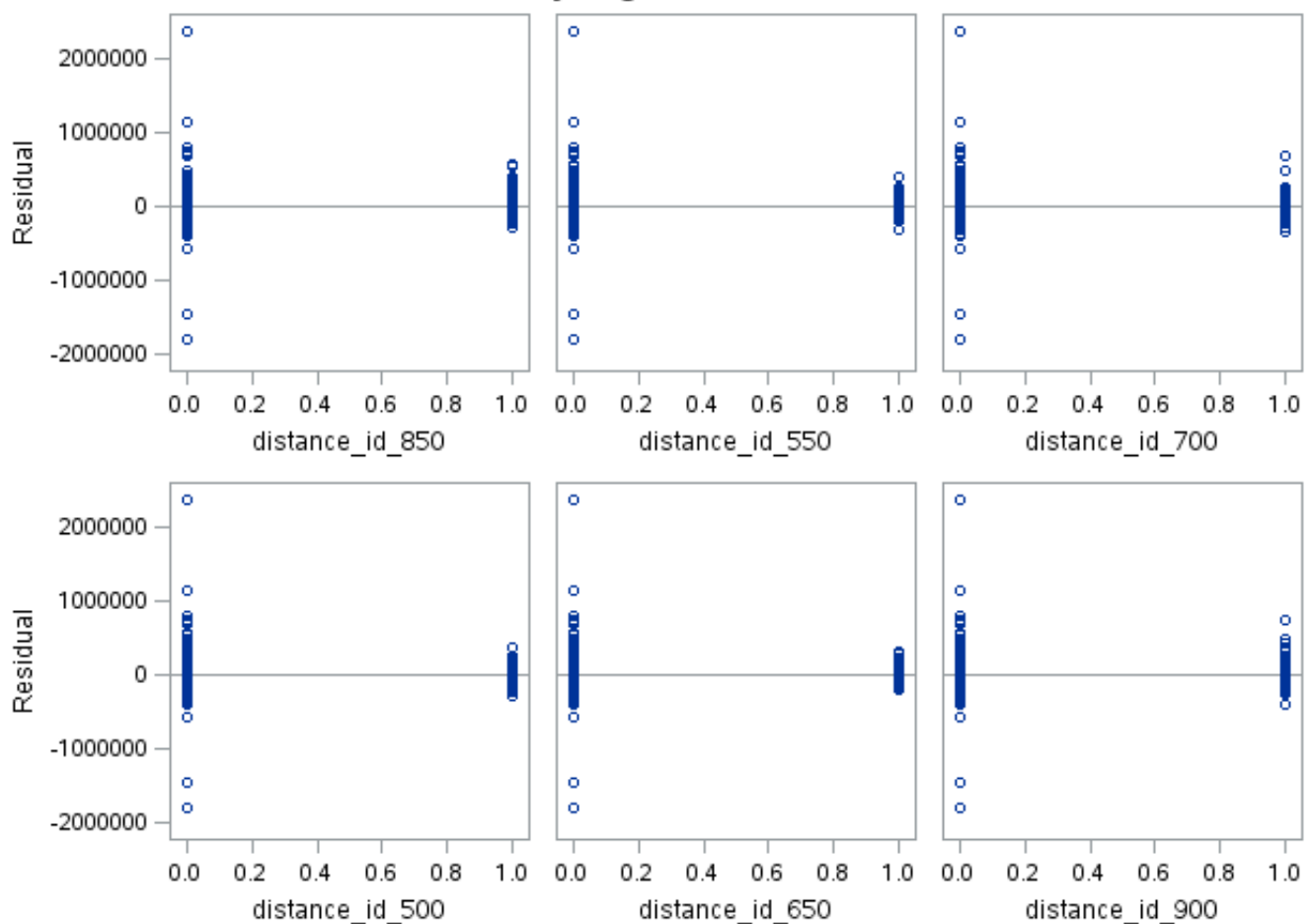
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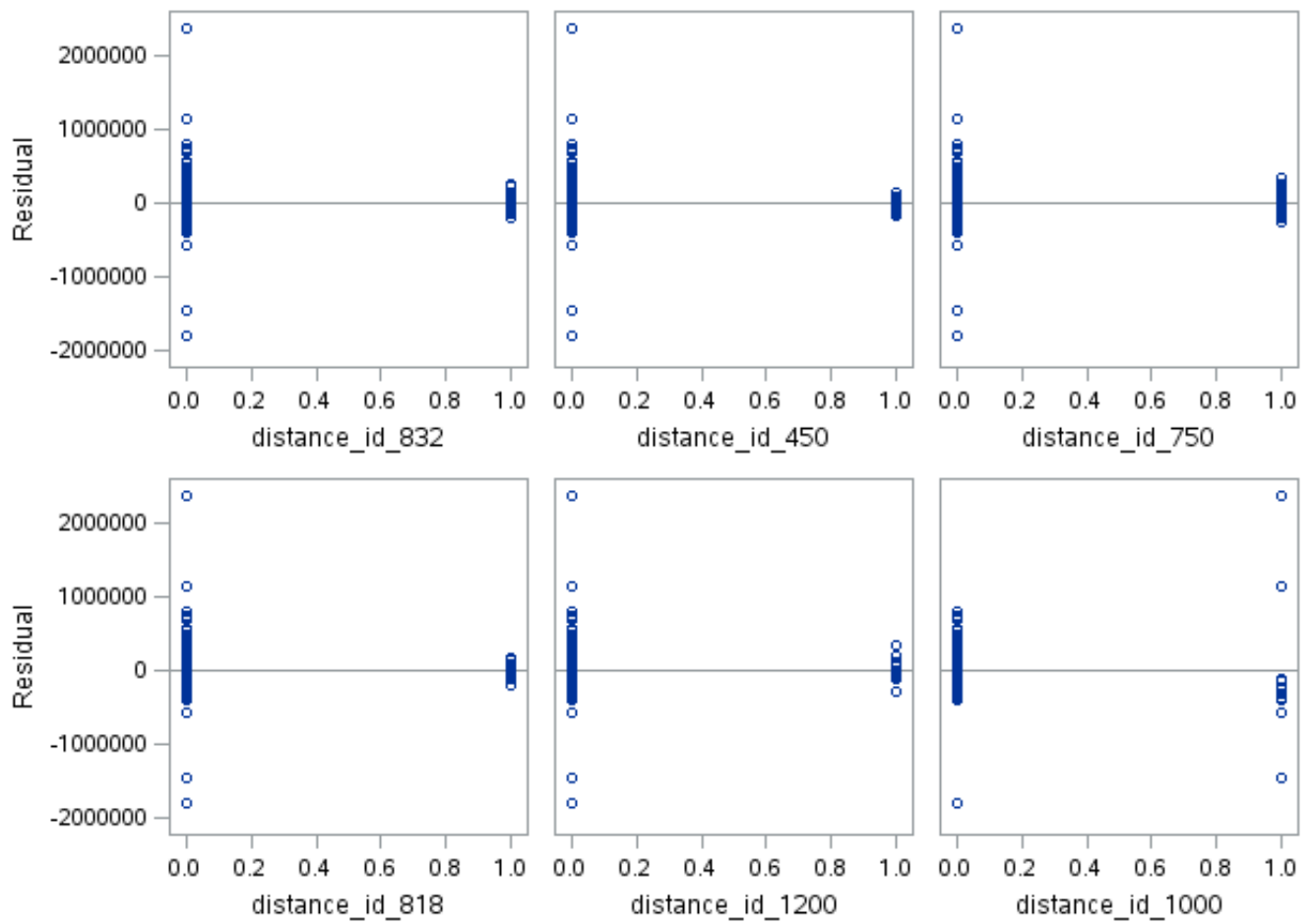
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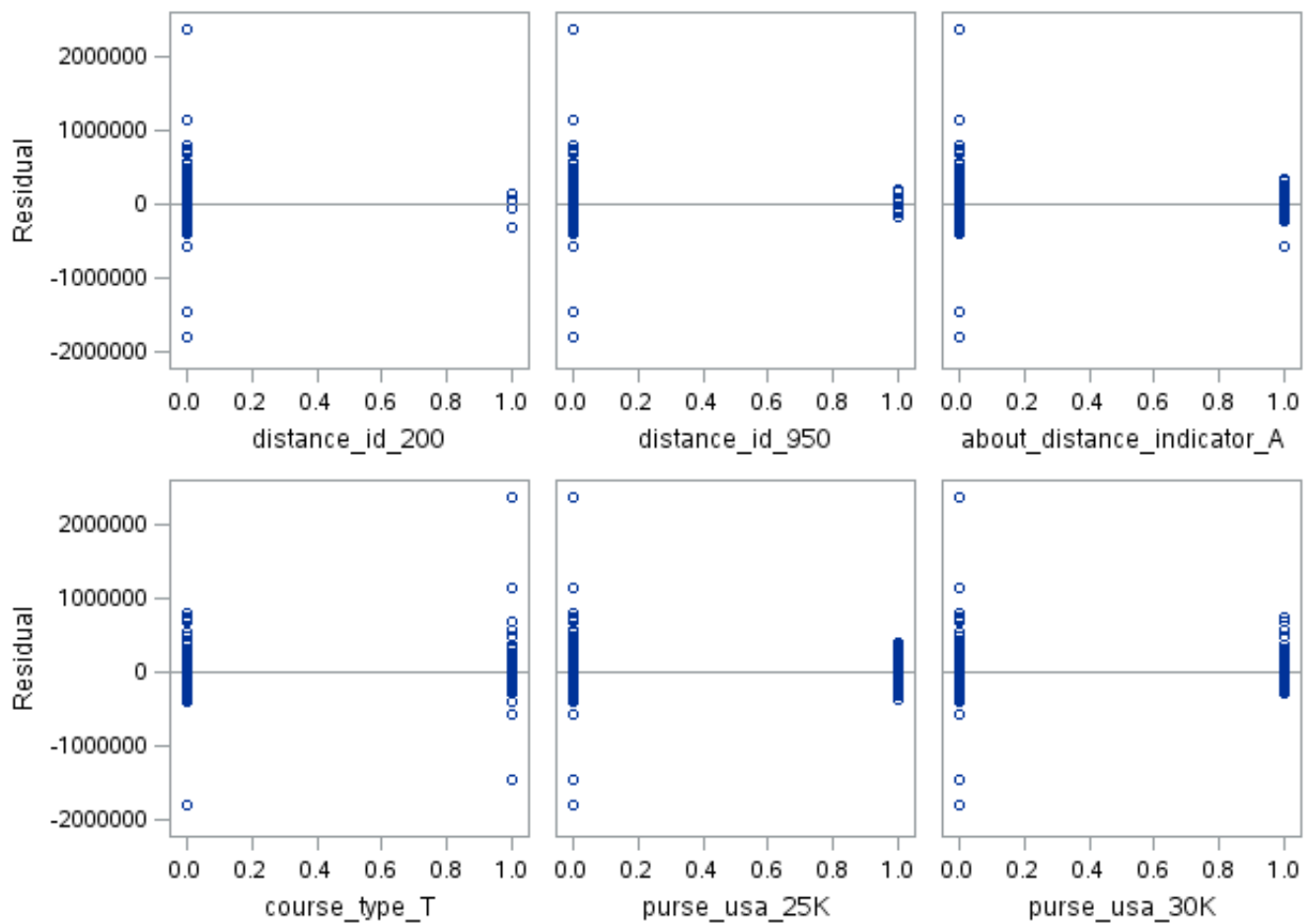
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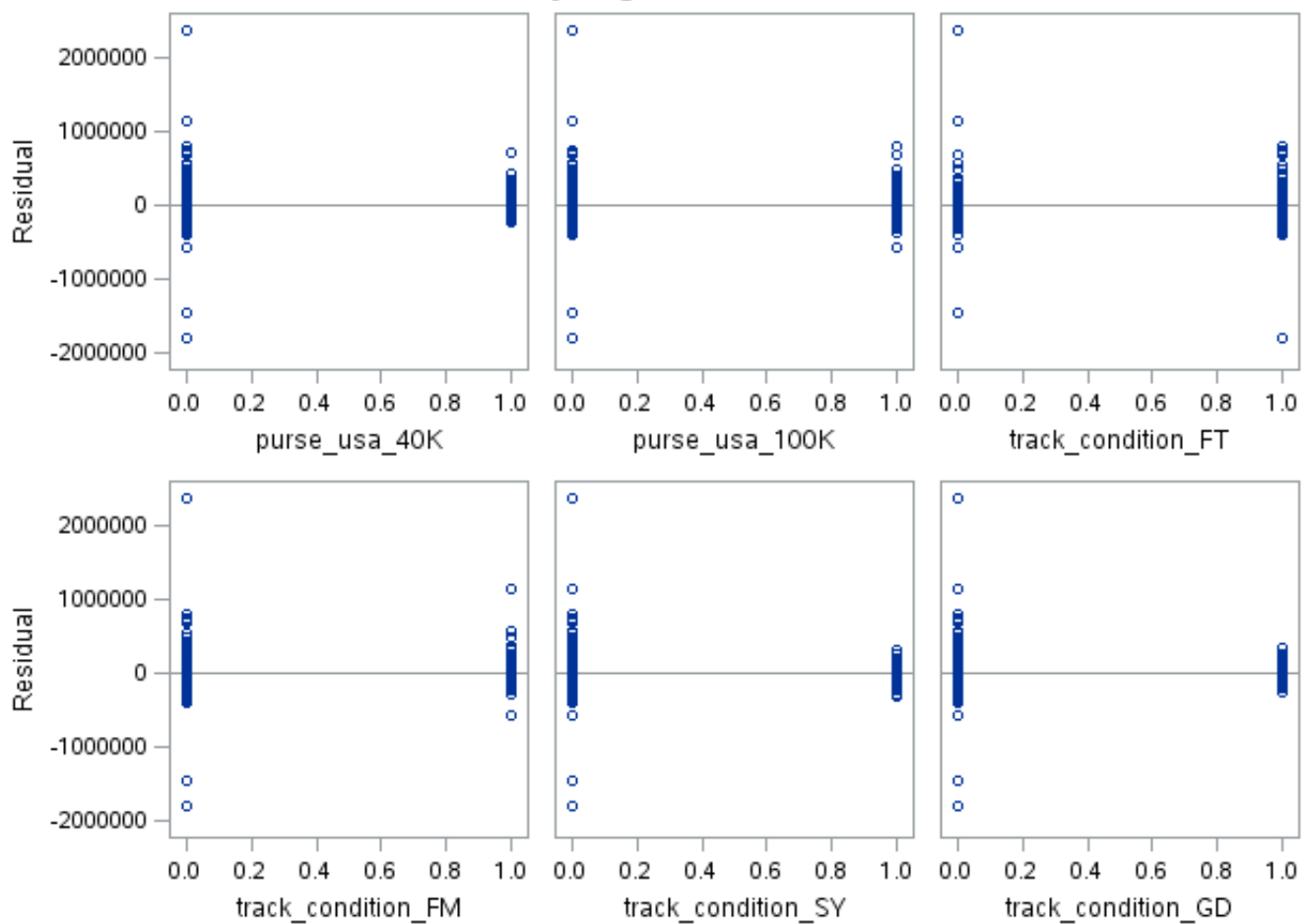
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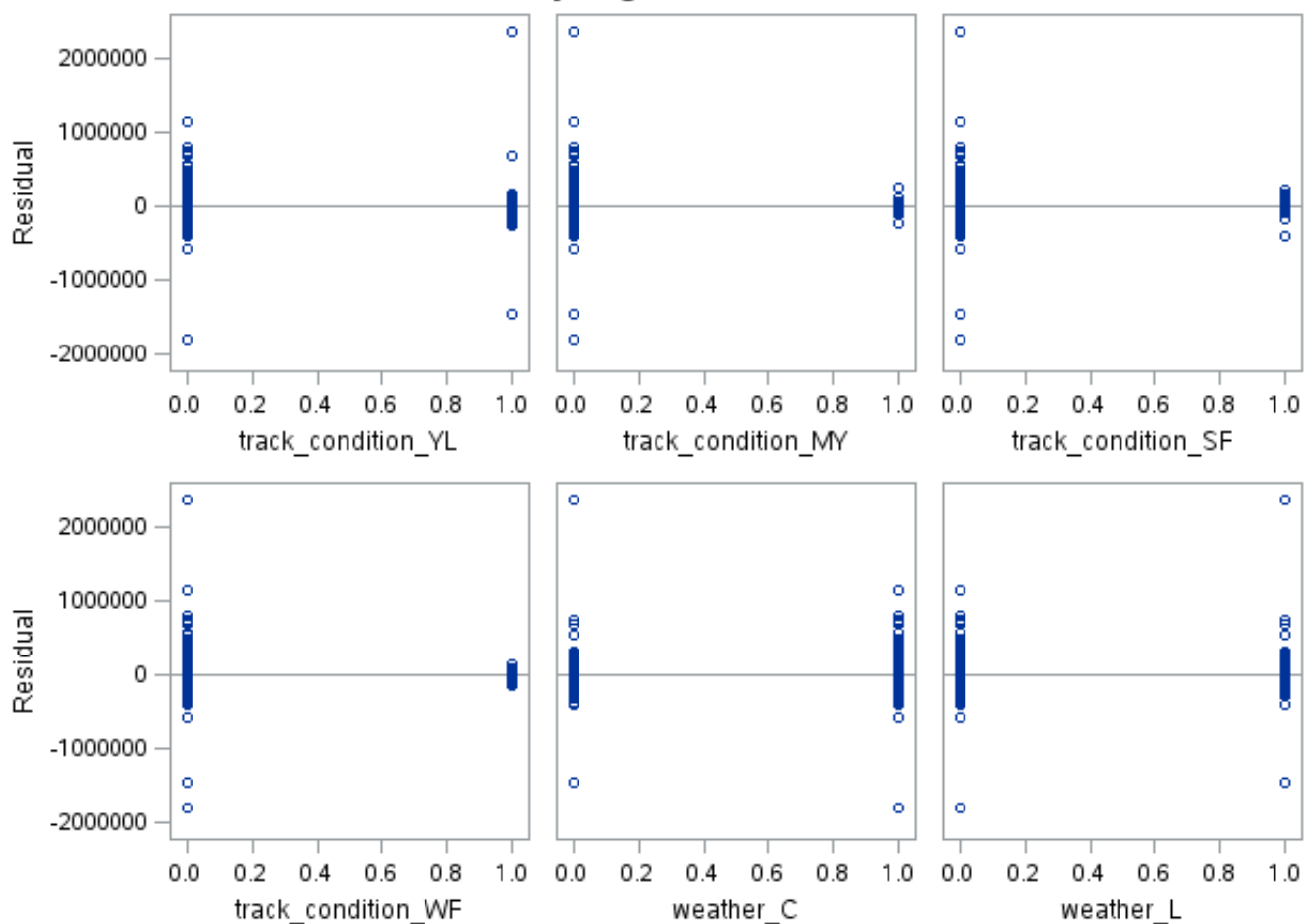
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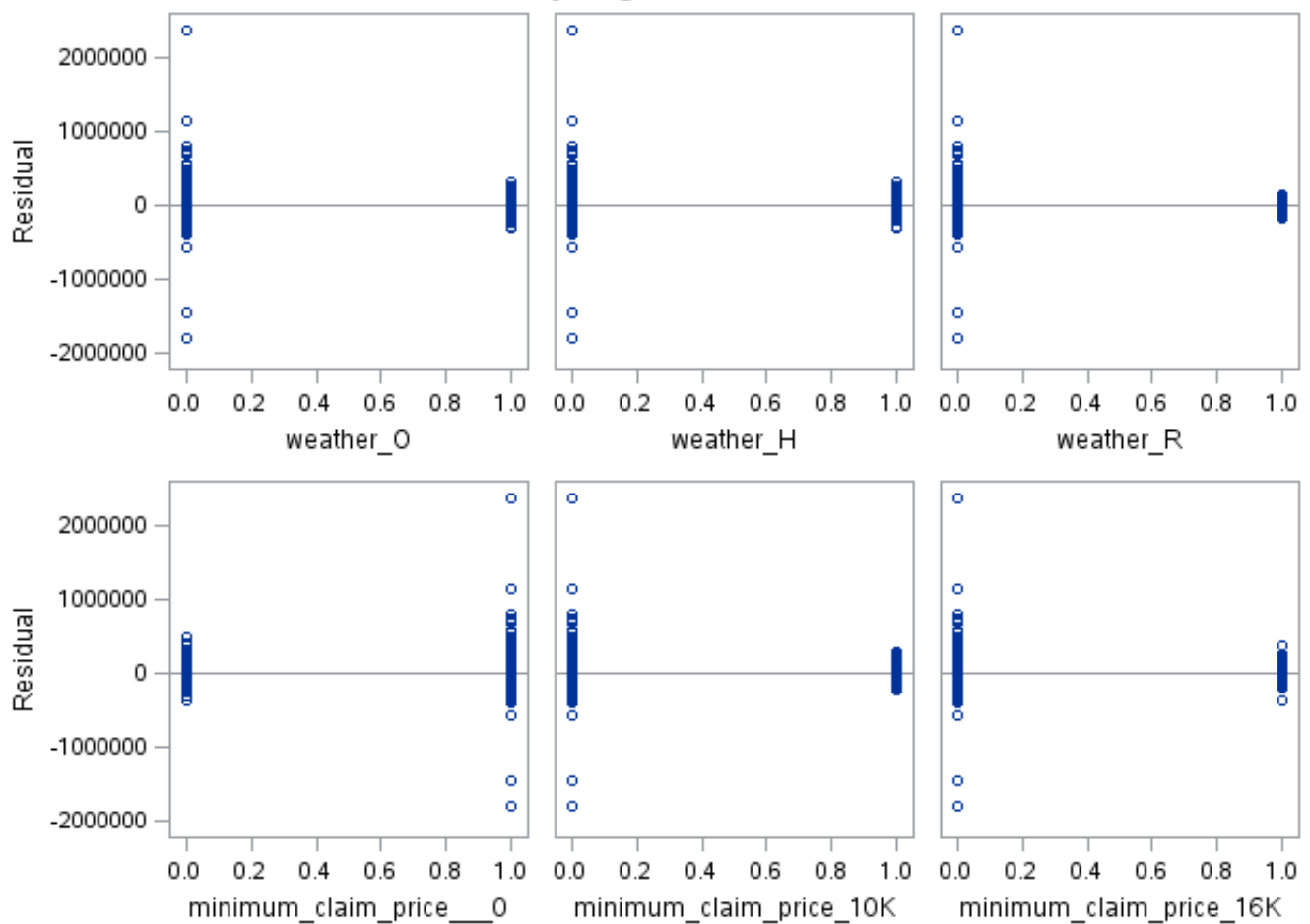
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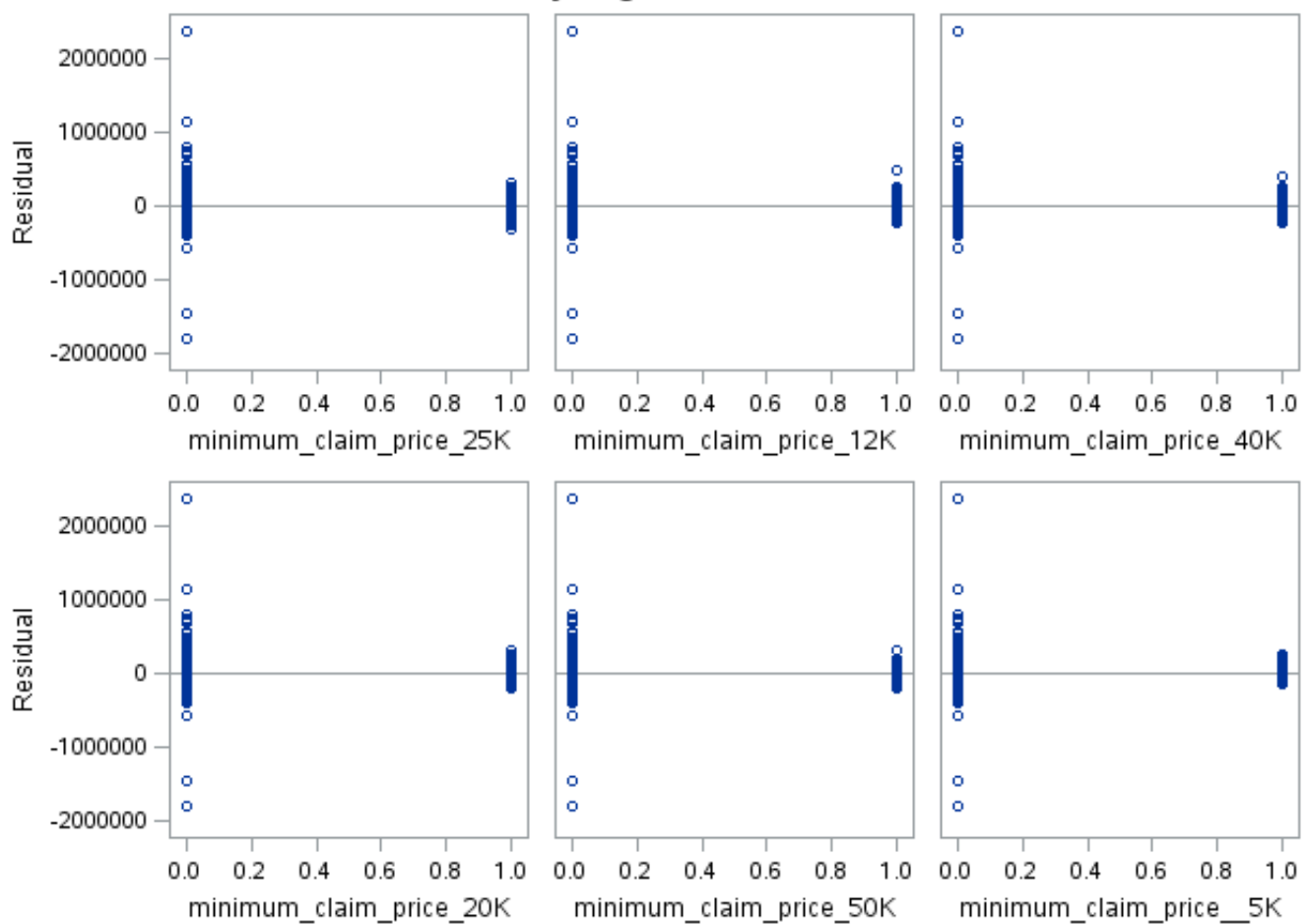
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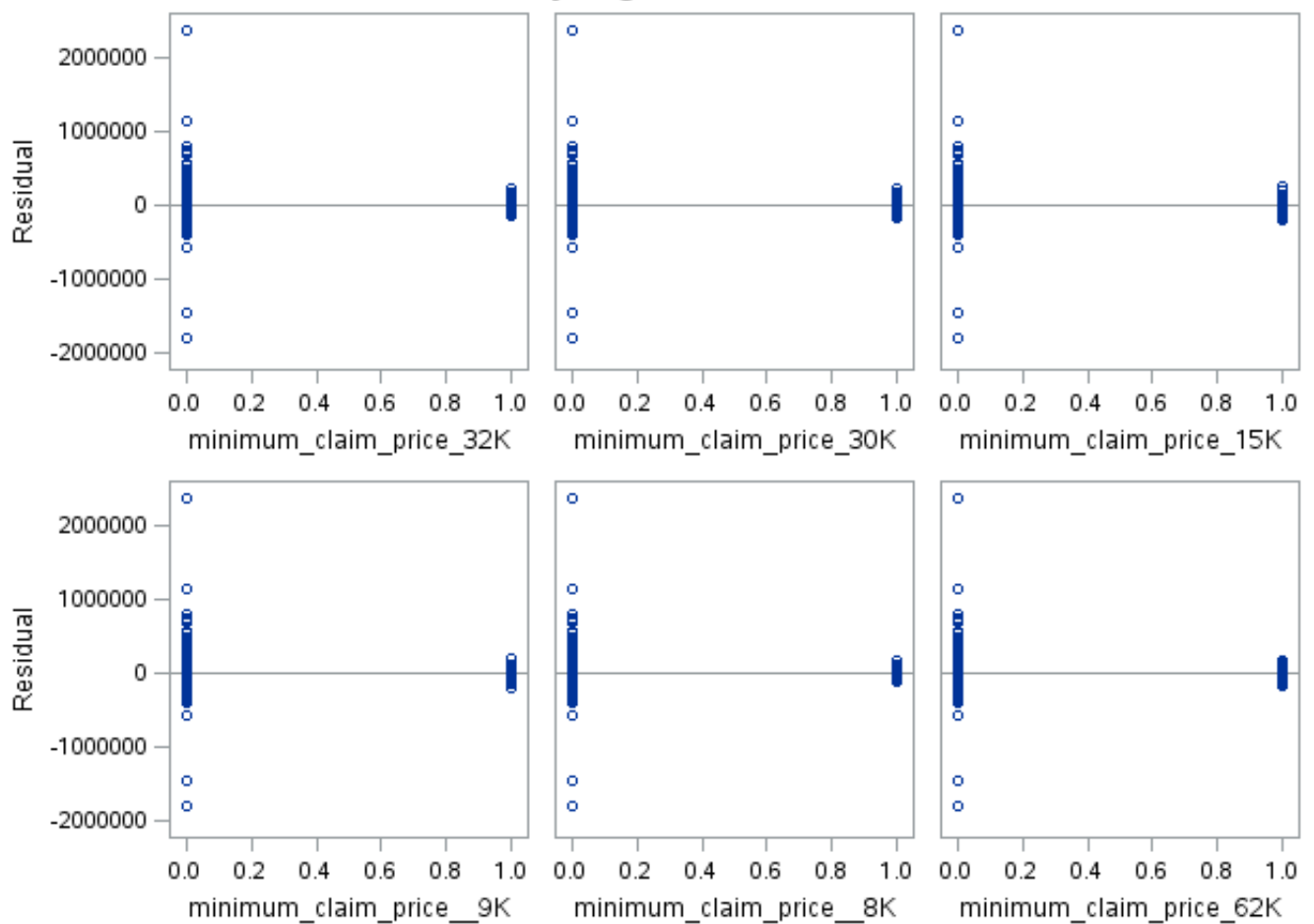
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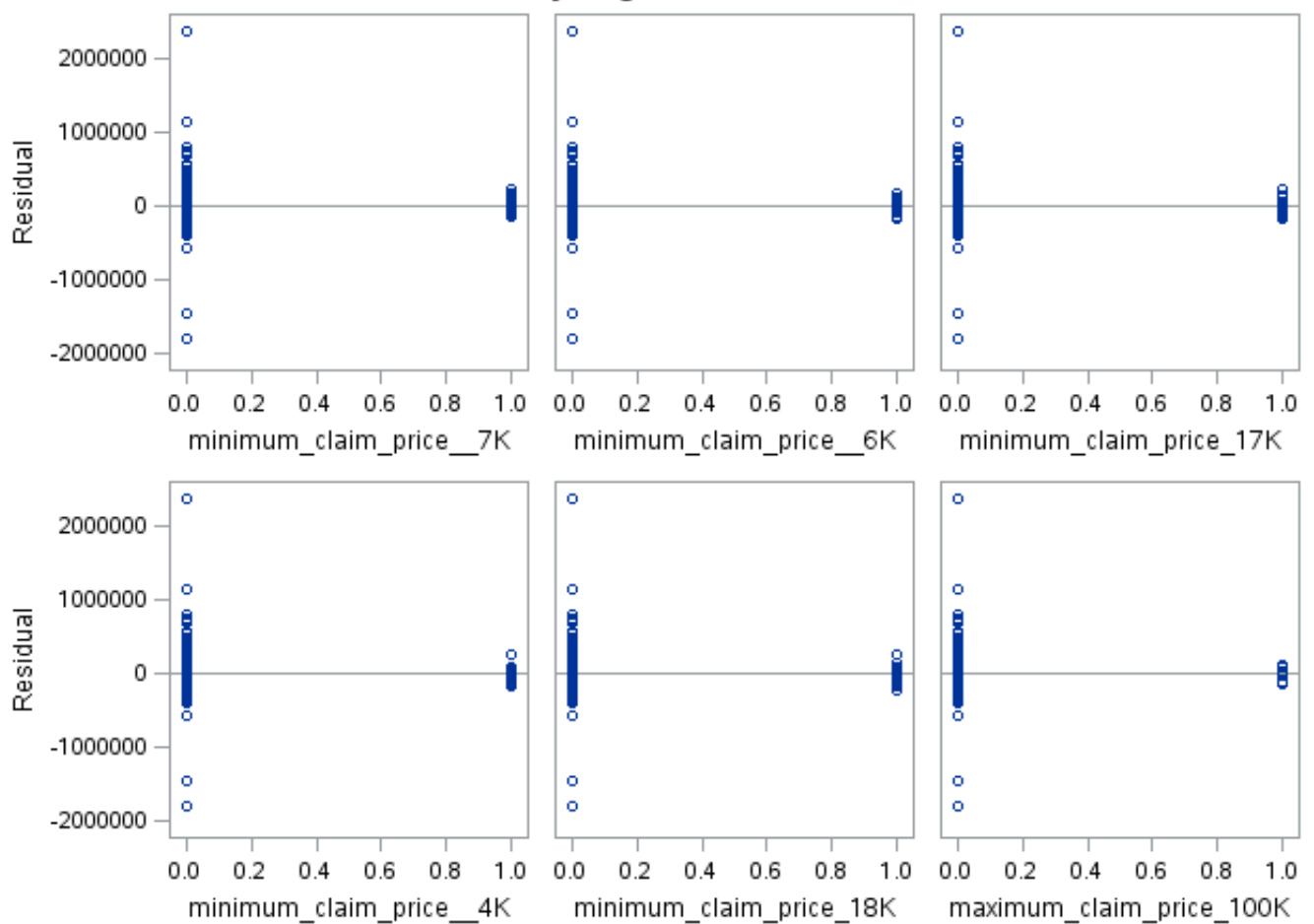
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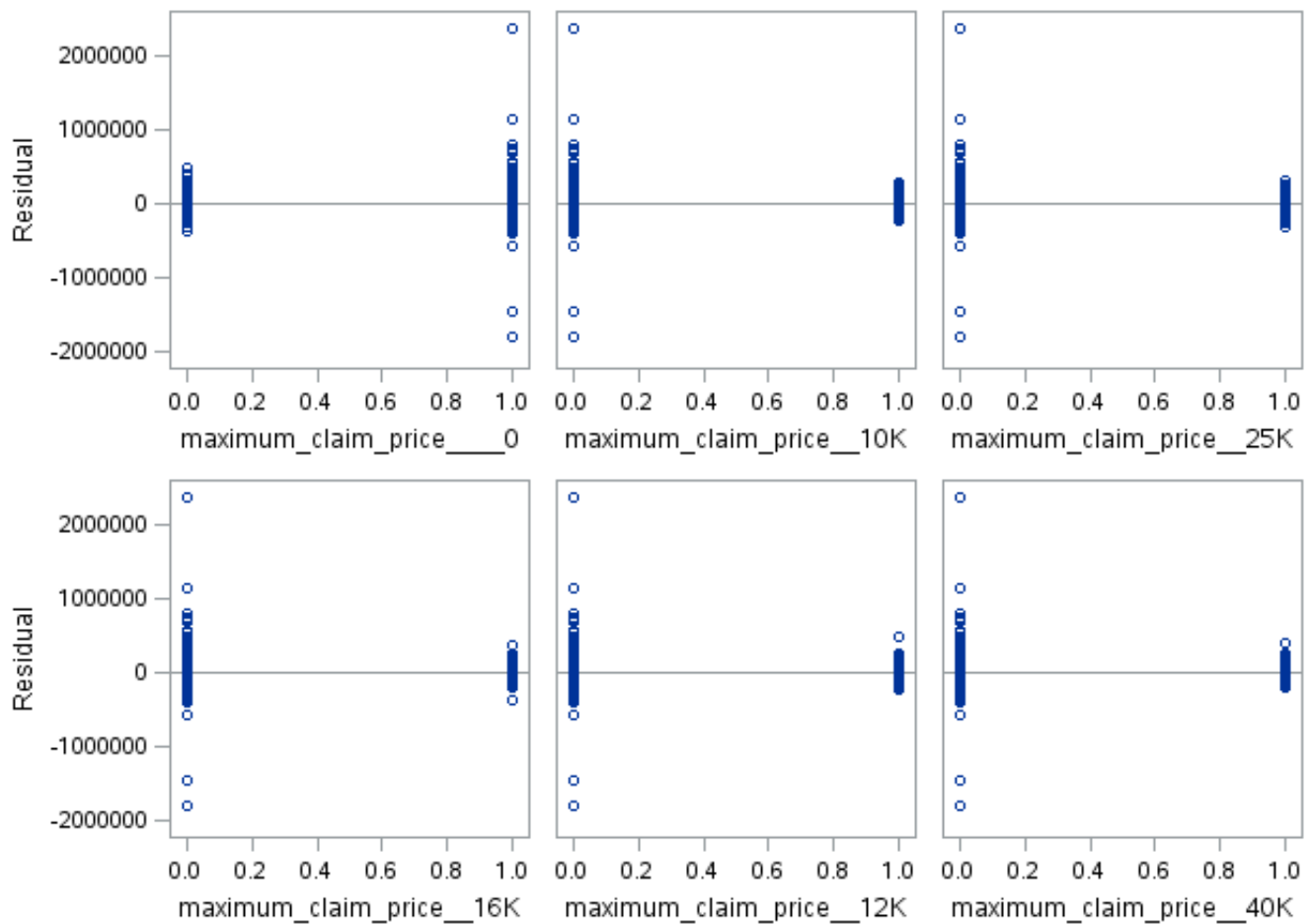
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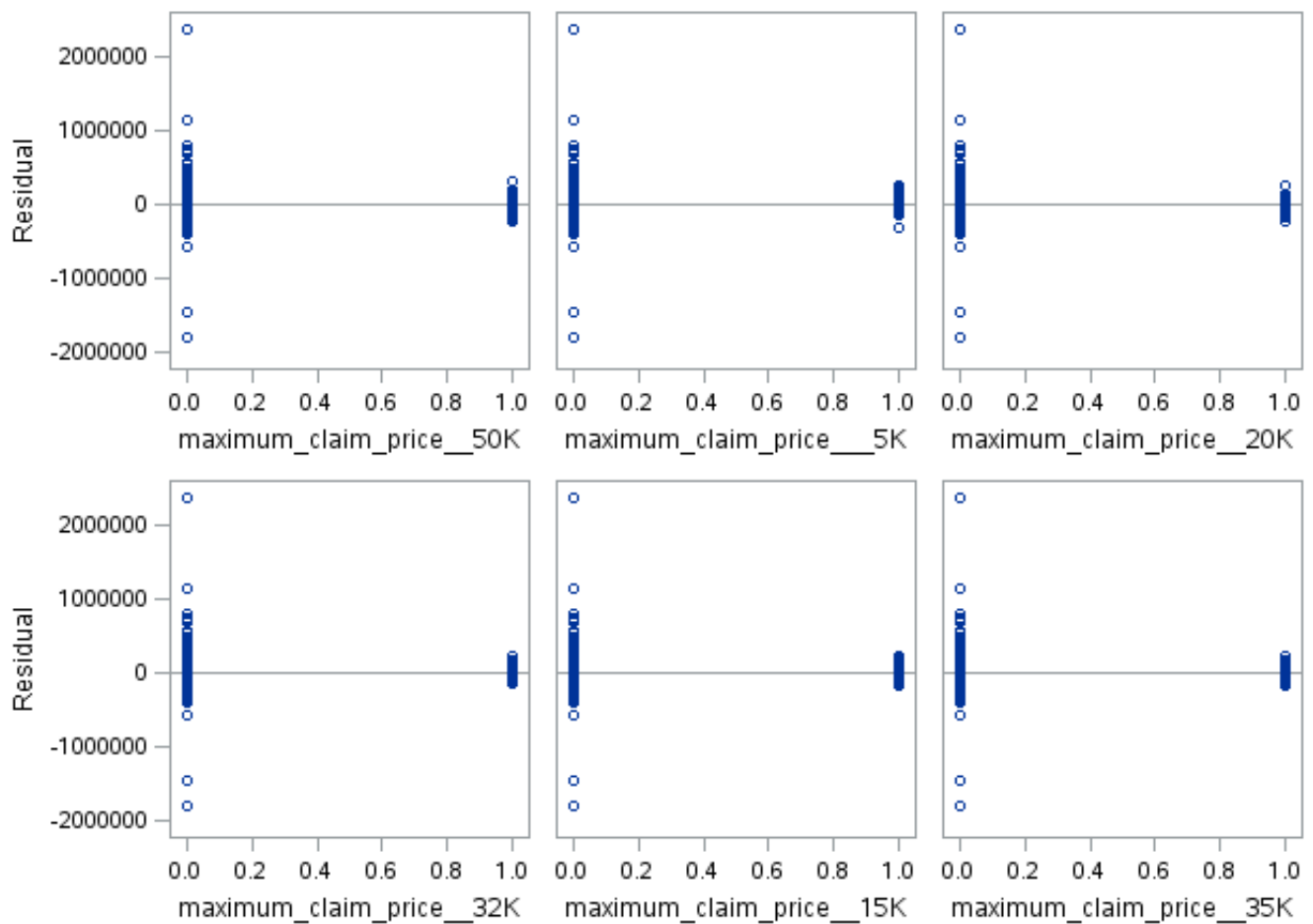
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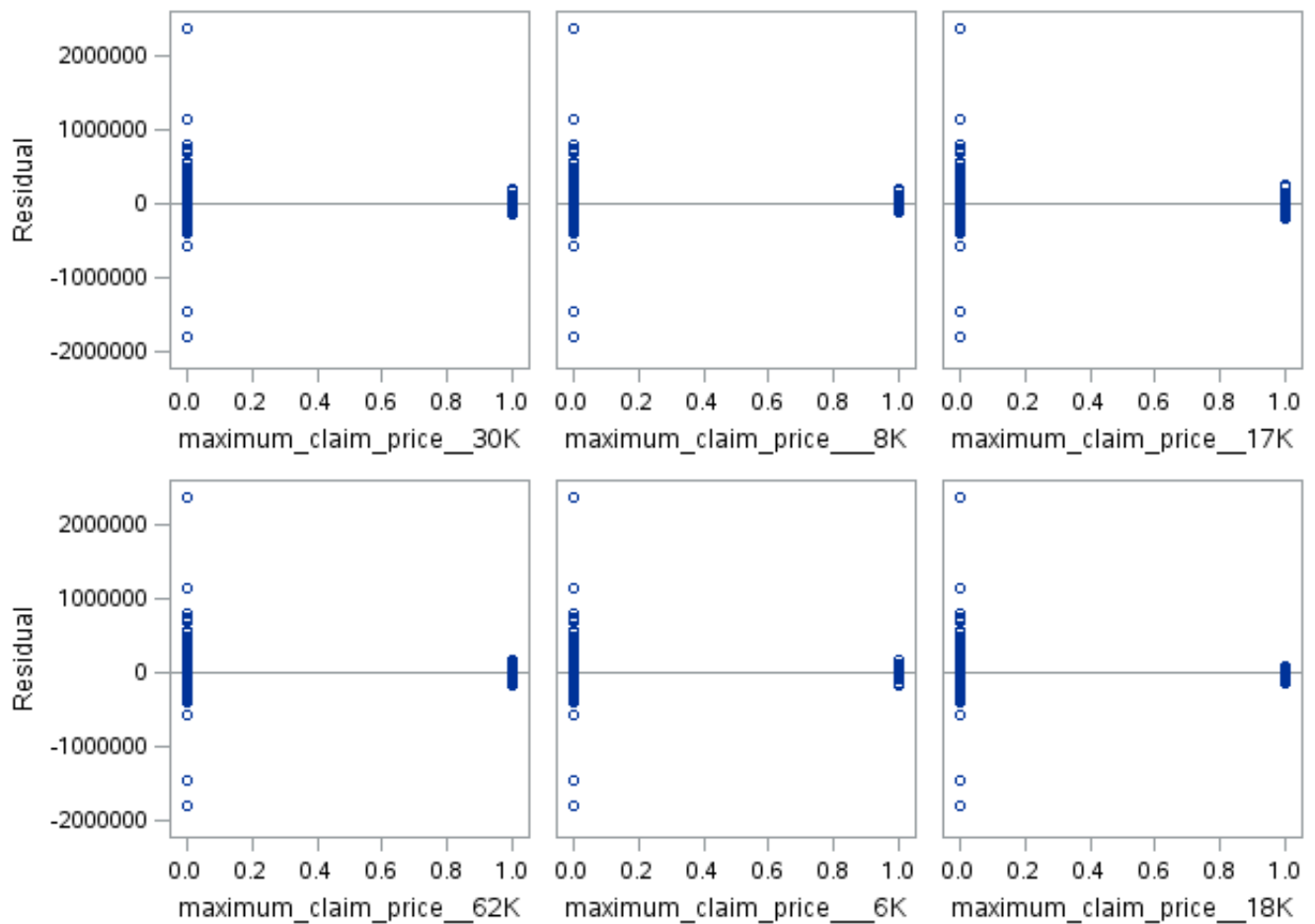
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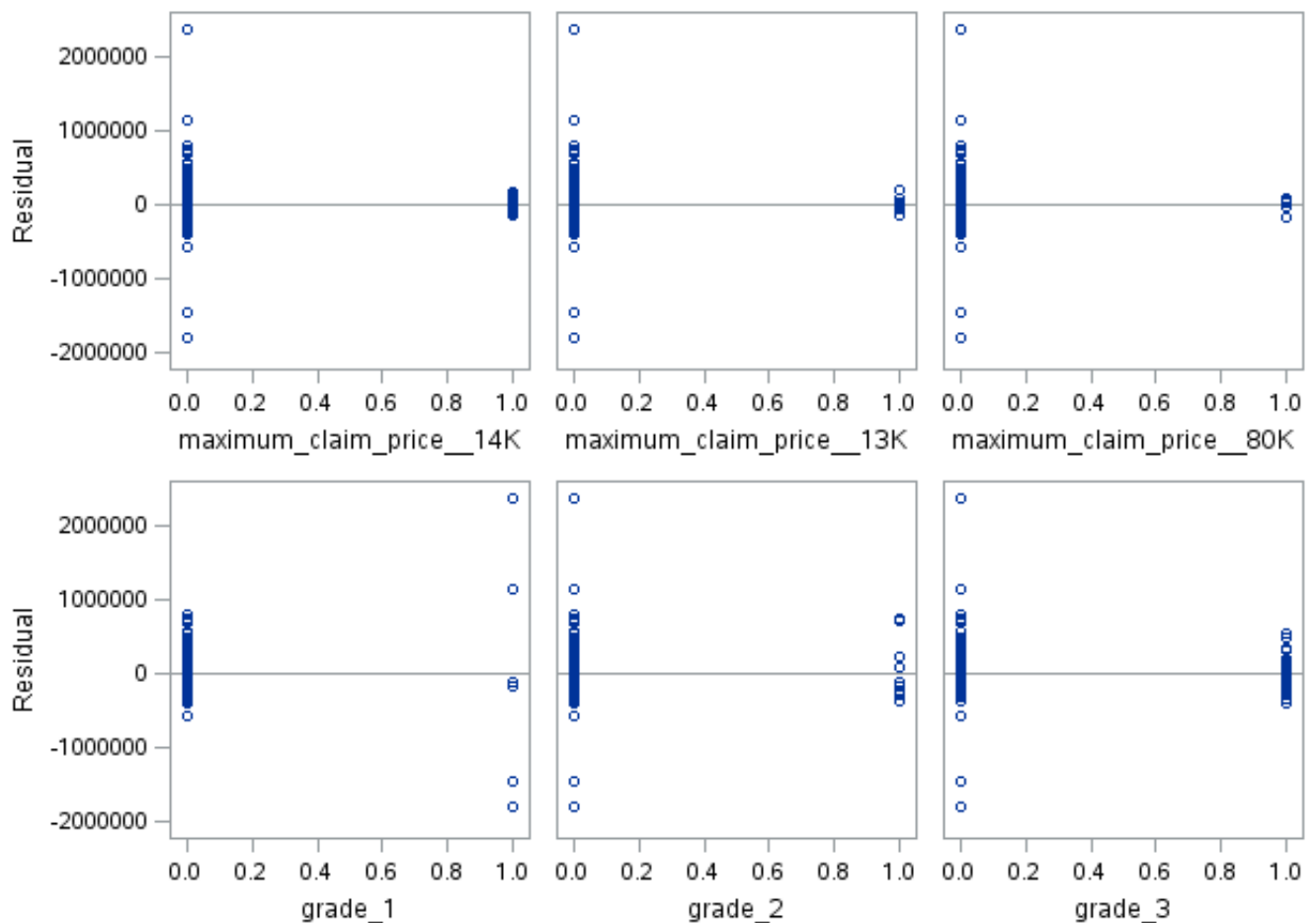
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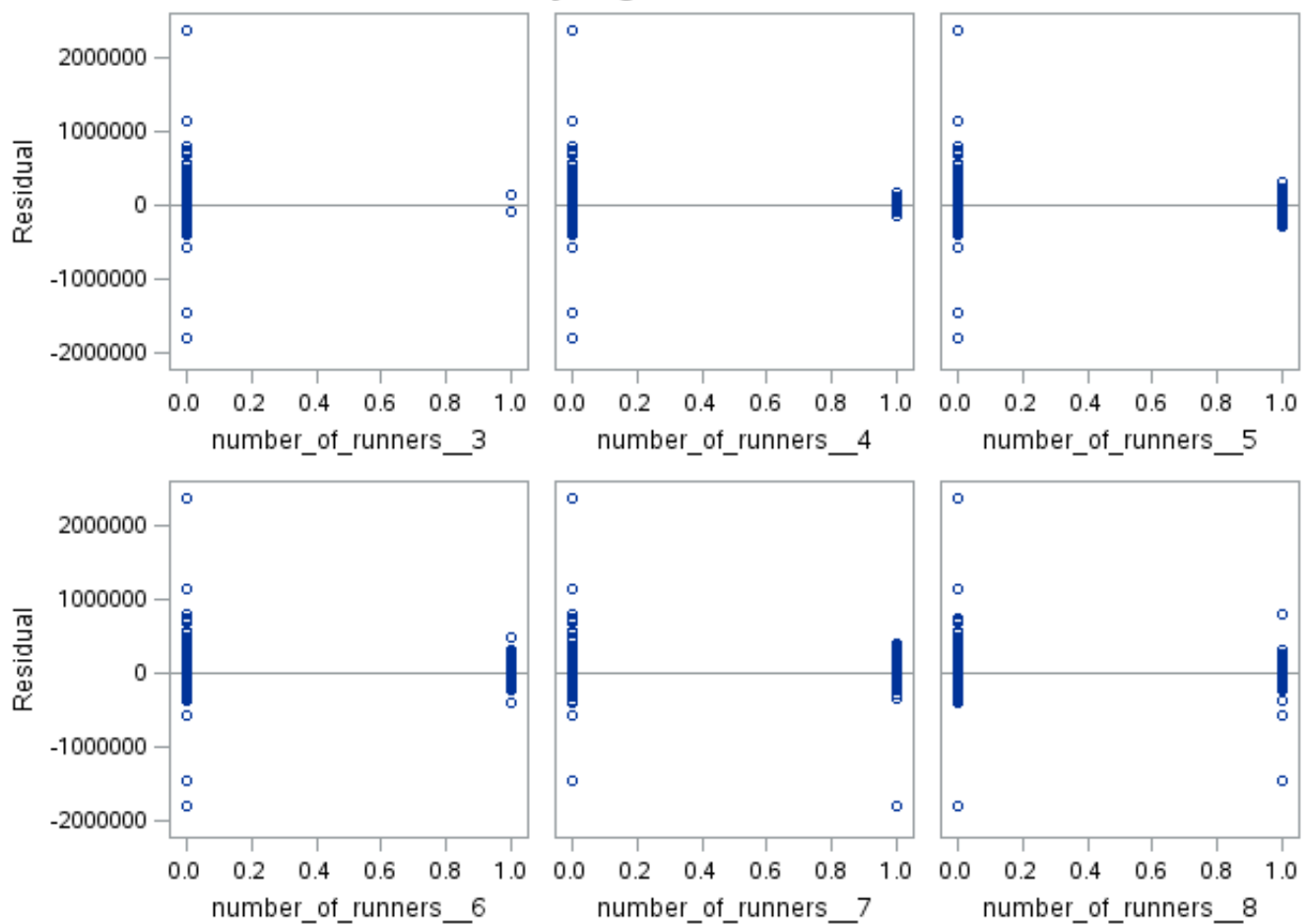
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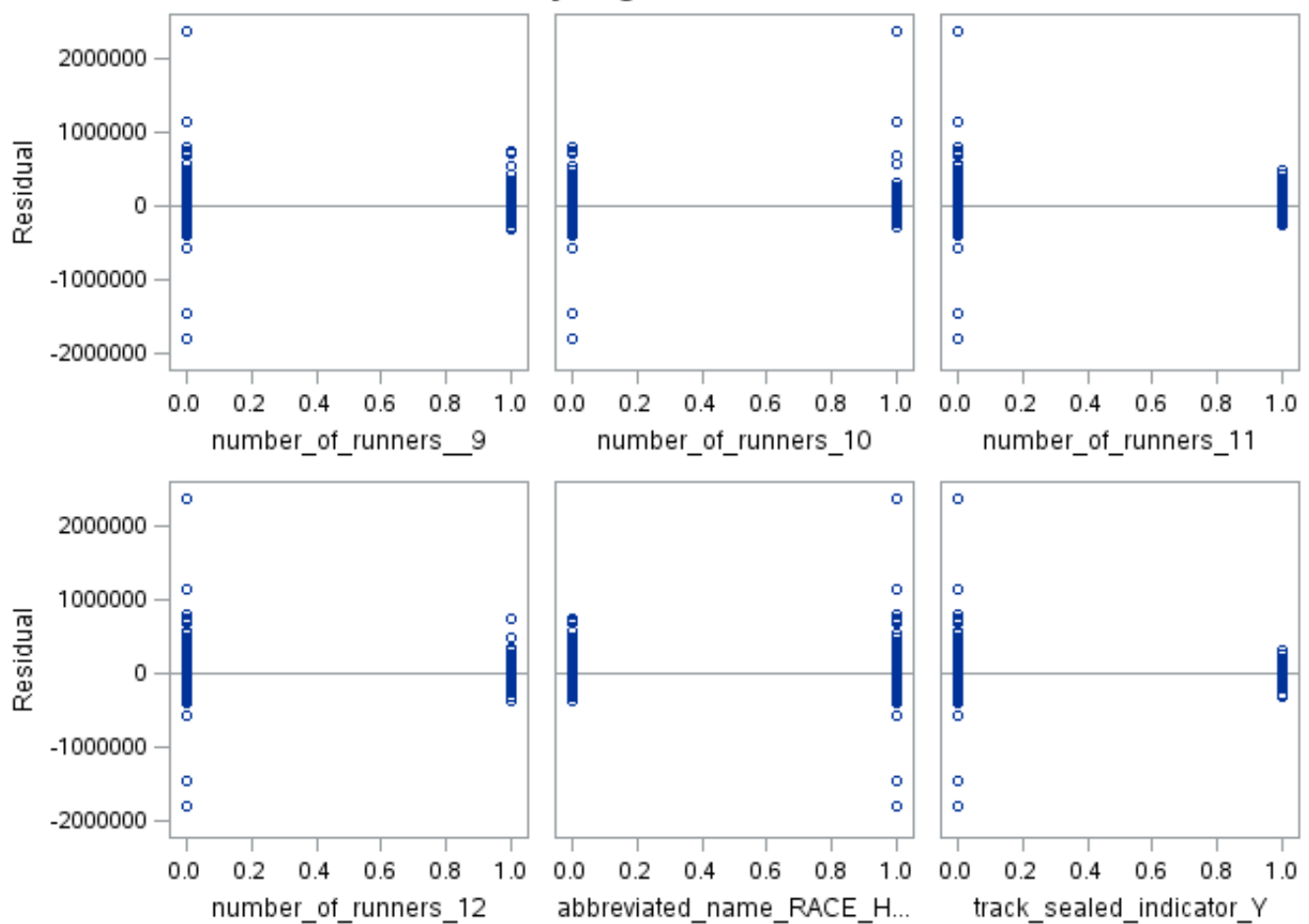
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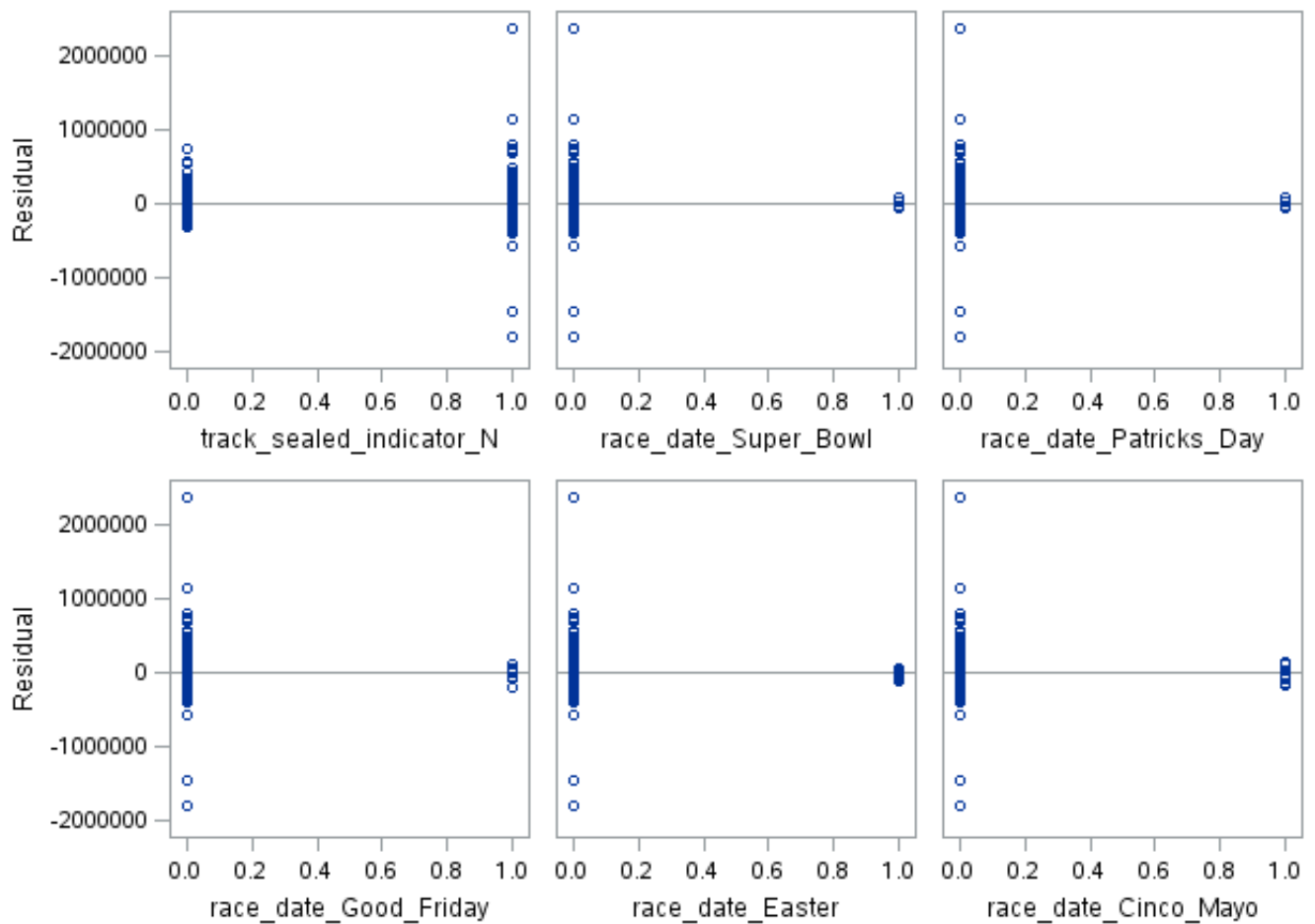
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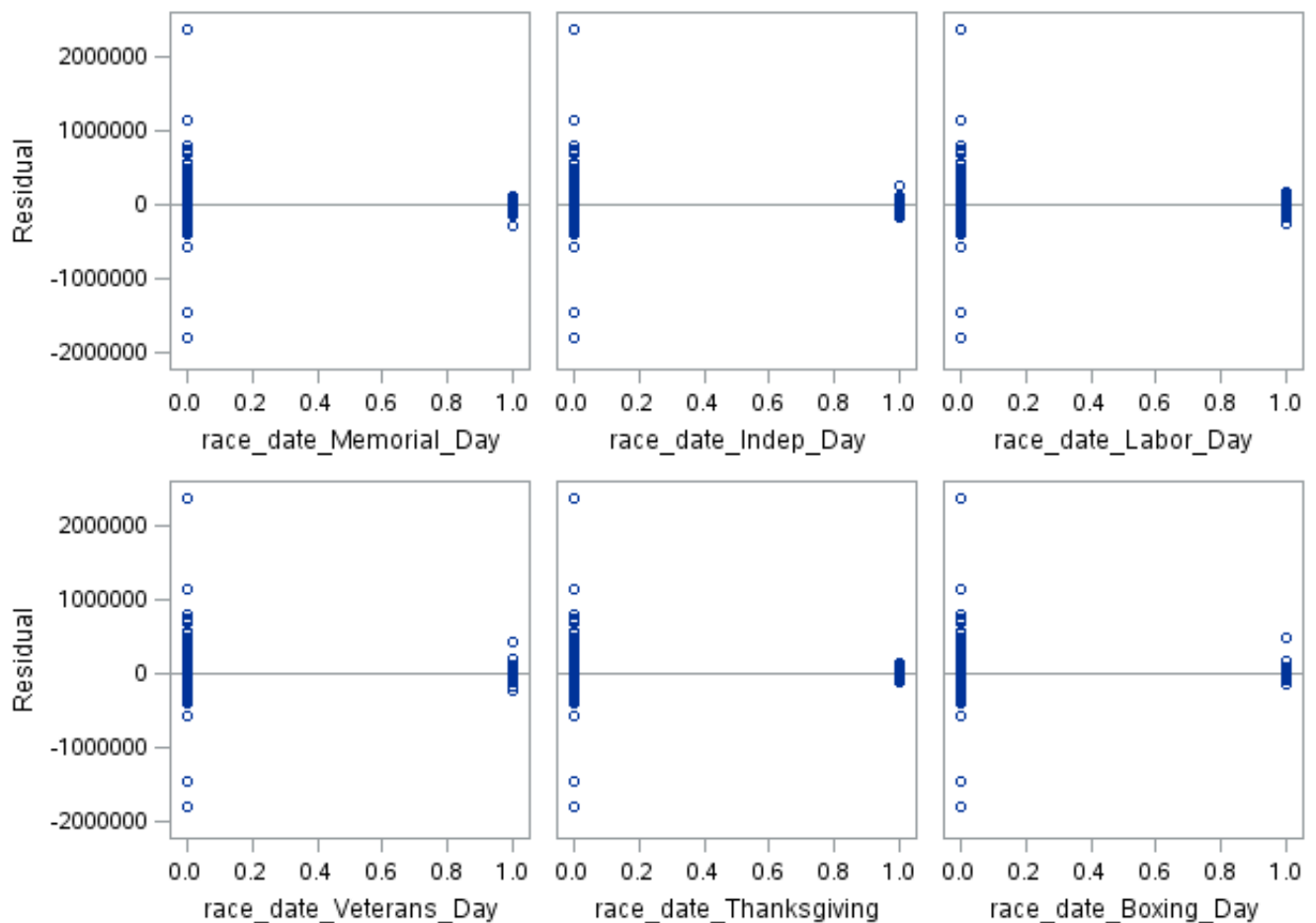
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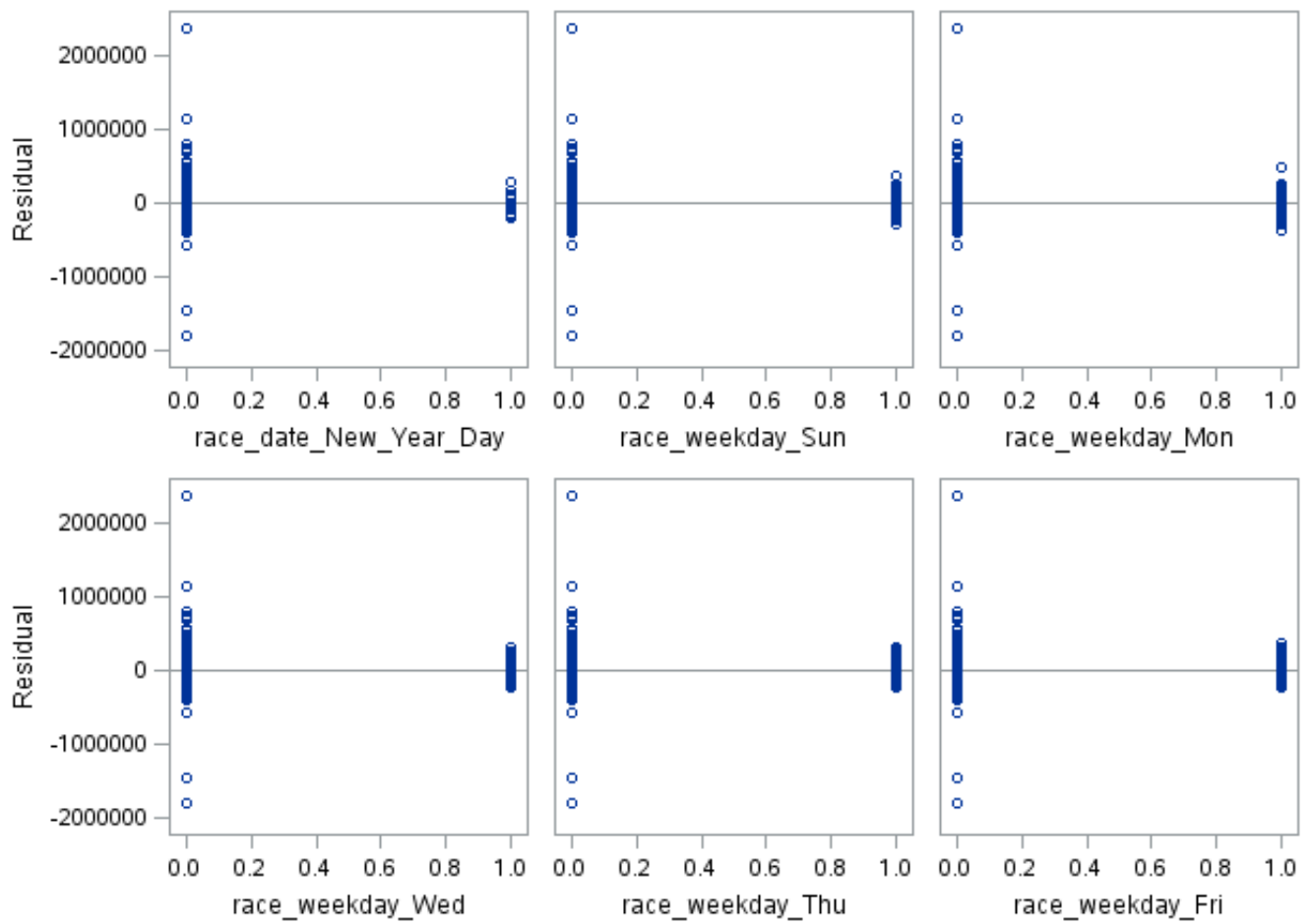
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