

## 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	117	1.349405E14	1.153338E12	87.19	<.0001
Error	4267	5.644587E13	13228467954		
Corrected Total	4384	1.913864E14			

Root MSE	115015	R-Square	0.7051
Dependent Mean	346952	Adj R-Sq	0.6970
Coeff Var	33.15011		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	794721	167792	4.74	<.0001
track_id_AP	1	53801	9461.80058	5.69	<.0001
track_id_CRC	1	-97285	9505.32563	-10.23	<.0001
race_number_1	1	-8634.70457	82428	-0.10	0.9166
race_number_2	1	52834	82421	0.64	0.5215
race_number_3	1	57490	82395	0.70	0.4854
race_number_4	1	64057	82447	0.78	0.4372
race_number_5	1	82886	82425	1.01	0.3147
race_number_6	1	89677	82389	1.09	0.2765
race_number_7	1	89994	82444	1.09	0.2751
race_number_8	1	70453	82478	0.85	0.3930
race_number_9	1	118886	82431	1.44	0.1493
race_number_10	1	114746	82508	1.39	0.1644
race_number_11	1	113060	82849	1.36	0.1724
race_number_12	1	119192	83411	1.43	0.1531
race_number_13	1	69787	84475	0.83	0.4088
race_type_CLM	1	-53559	55637	-0.96	0.3358
race_type_MCL	1	-51203	56222	-0.91	0.3625
race_type_MSW	1	21294	43097	0.49	0.6213
race_type_AOC	1	-55653	55745	-1.00	0.3182
race_type_ALW	1	6082.42097	42541	0.14	0.8863
race_type_STK	1	235129	56774	4.14	<.0001
race_type_STR	1	-9910.20585	44269	-0.22	0.8229
race_type_CAN	1	-877796	106459	-8.25	<.0001
age_restriction_3U	1	-69996	58691	-1.19	0.2331
age_restriction_02	1	-62359	58370	-1.07	0.2854
age_restriction_34	1	-81934	58386	-1.40	0.1606
age_restriction_03	1	-63188	58542	-1.08	0.2805
age_restriction_35	1	-70488	60839	-1.16	0.2467
age_restriction_45	1	-81764	62927	-1.30	0.1939
age_restriction_4U	1	-41432	59604	-0.70	0.4870
sex_restriction_B	1	-13557	4878.18197	-2.78	0.0055

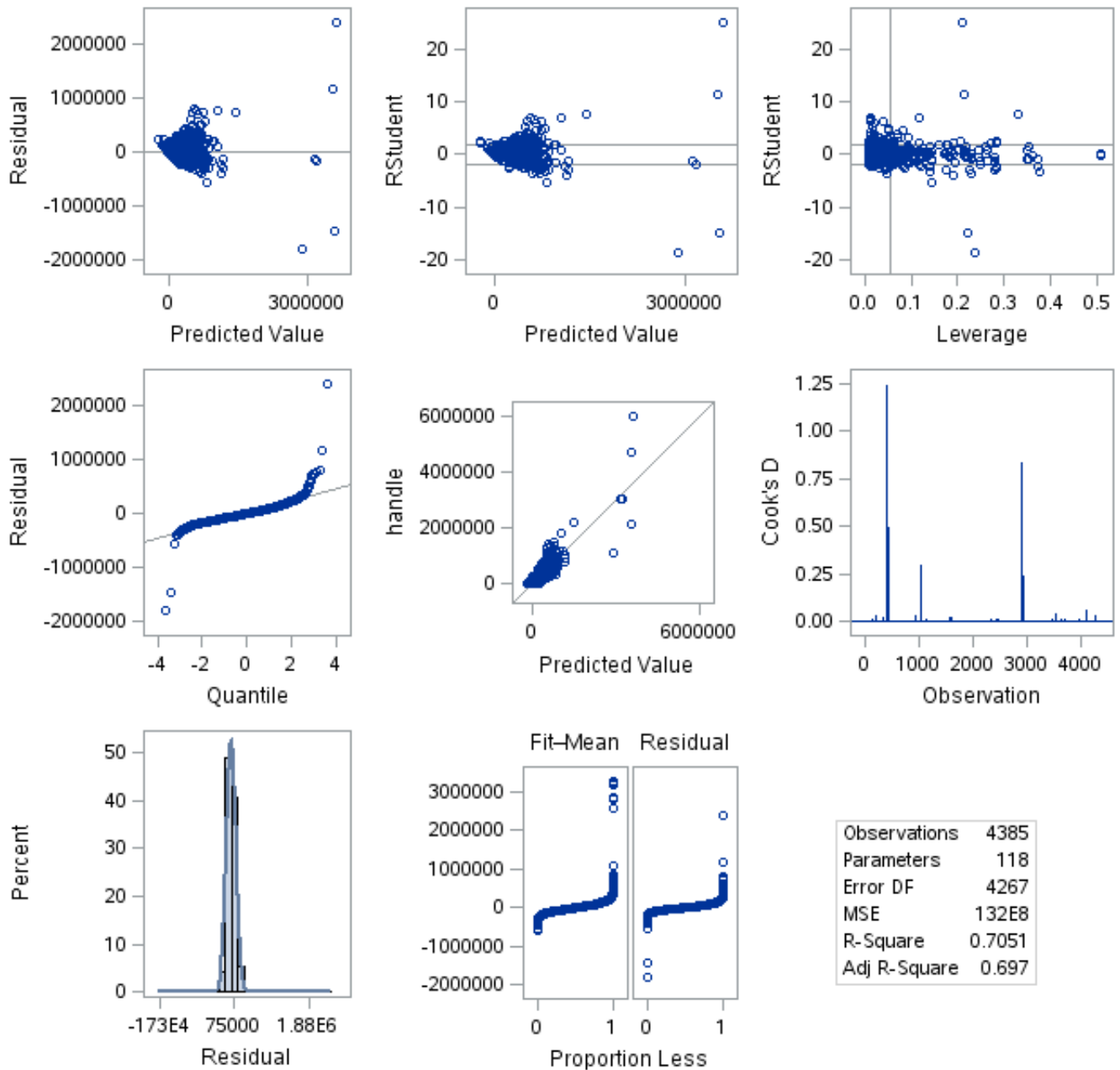
sex_restriction_F	1	-11440	5373.30407	-2.13	0.0333
stakes_indicator_N	1	-56924	100527	-0.57	0.5713
distance_id_600	1	284418	46920	6.06	<.0001
distance_id_800	1	277687	46889	5.92	<.0001
distance_id_850	1	275453	46913	5.87	<.0001
distance_id_550	1	287855	47197	6.10	<.0001
distance_id_700	1	282400	47281	5.97	<.0001
distance_id_500	1	279831	47255	5.92	<.0001
distance_id_650	1	292720	47329	6.18	<.0001
distance_id_900	1	271987	47160	5.77	<.0001
distance_id_832	1	286070	48435	5.91	<.0001
distance_id_450	1	252317	49076	5.14	<.0001
distance_id_750	1	266811	49508	5.39	<.0001
distance_id_818	1	278632	50769	5.49	<.0001
distance_id_1200	1	296471	55405	5.35	<.0001
distance_id_1000	1	621359	61049	10.18	<.0001
distance_id_200	1	111409	71153	1.57	0.1175
distance_id_950	1	288243	59730	4.83	<.0001
about_distance_indicator_A	1	-15757	9696.21230	-1.63	0.1042
course_type_T	1	85284	14337	5.95	<.0001
purse_usa_25K	1	-92397	23064	-4.01	<.0001
purse_usa_30K	1	-99553	22954	-4.34	<.0001
purse_usa_40K	1	-106684	22135	-4.82	<.0001
purse_usa_100K	1	-69662	20272	-3.44	0.0006
track_condition_FT	1	53895	71094	0.76	0.4484
track_condition_FM	1	18104	72344	0.25	0.8024
track_condition_SY	1	20125	70771	0.28	0.7761
track_condition_GD	1	27854	71672	0.39	0.6976
track_condition_YL	1	100756	73883	1.36	0.1727
track_condition_MY	1	25097	75308	0.33	0.7390
track_condition_SF	1	56081	76418	0.73	0.4631
track_condition_WF	1	24062	75448	0.32	0.7498
minimum_claim_price__0	1	-46197	36831	-1.25	0.2098
minimum_claim_price_10K	1	-18581	12501	-1.49	0.1372
minimum_claim_price_16K	1	-3959.26554	12699	-0.31	0.7552
minimum_claim_price_25K	1	-4922.58568	12865	-0.38	0.7020
minimum_claim_price_12K	1	7601.34825	14599	0.52	0.6026
minimum_claim_price_40K	1	5132.85221	14052	0.37	0.7149
minimum_claim_price_20K	1	-4671.94217	13879	-0.34	0.7364
minimum_claim_price_50K	1	-3577.23407	16481	-0.22	0.8282
minimum_claim_price__5K	1	-34725	15445	-2.25	0.0246
minimum_claim_price_32K	1	1263.38453	17210	0.07	0.9415
minimum_claim_price_30K	1	-6389.59521	16905	-0.38	0.7055
minimum_claim_price_15K	1	-16845	18591	-0.91	0.3649
minimum_claim_price__9K	1	-24262	19882	-1.22	0.2224
minimum_claim_price__8K	1	2110.95160	21641	0.10	0.9223
minimum_claim_price_62K	1	19067	22569	0.84	0.3983
minimum_claim_price__7K	1	-21019	21257	-0.99	0.3228
minimum_claim_price__6K	1	-7993.75703	24030	-0.33	0.7394
minimum_claim_price_17K	1	-14682	25192	-0.58	0.5600
minimum_claim_price__4K	1	-49618	27969	-1.77	0.0761

minimum_claim_price_18K	1	-5738.25830	27081	-0.21	0.8322
grade_1	1	2405716	57526	41.82	<.0001
grade_2	1	351759	40584	8.67	<.0001
grade_3	1	154449	23002	6.71	<.0001
number_of_runners_3	1	-863741	91207	-9.47	<.0001
number_of_runners_4	1	-757085	63570	-11.91	<.0001
number_of_runners_5	1	-685696	60902	-11.26	<.0001
number_of_runners_6	1	-631060	60587	-10.42	<.0001
number_of_runners_7	1	-596631	60560	-9.85	<.0001
number_of_runners_8	1	-570185	60569	-9.41	<.0001
number_of_runners_9	1	-533299	60658	-8.79	<.0001
number_of_runners_10	1	-510911	60675	-8.42	<.0001
number_of_runners_11	1	-487582	60971	-8.00	<.0001
number_of_runners_12	1	-473727	61075	-7.76	<.0001
abbreviated_name_RACE_HAS	1	-252239	68061	-3.71	0.0002
track_sealed_indicator_Y	1	-9415.63926	13002	-0.72	0.4690
track_sealed_indicator_N	1	-11103	6736.84436	-1.65	0.0994
race_date_Super_Bowl	1	-87994	47770	-1.84	0.0655
race_date_Patricks_Day	1	-93493	52722	-1.77	0.0762
race_date_Good_Friday	1	7890.14121	37411	0.21	0.8330
race_date_Easter	1	-35181	37314	-0.94	0.3458
race_date_Cinco_Mayo	1	33916	33672	1.01	0.3139
race_date_Memorial_Day	1	-55243	21919	-2.52	0.0118
race_date_Indep_Day	1	-26657	20571	-1.30	0.1951
race_date_Labor_Day	1	21924	21600	1.02	0.3101
race_date_Veterans_Day	1	28952	23161	1.25	0.2113
race_date_Thanksgiving	1	-88302	24464	-3.61	0.0003
race_date_Boxing_Day	1	248821	27984	8.89	<.0001
race_date_New_Year_Day	1	86964	24587	3.54	0.0004
race_weekday_Sun	1	9335.12638	9099.55240	1.03	0.3050
race_weekday_Mon	1	30336	9392.49951	3.23	0.0012
race_weekday_Wed	1	29432	11550	2.55	0.0109
race_weekday_Thu	1	15951	9754.03103	1.64	0.1021
race_weekday_Fri	1	51709	9088.29805	5.69	<.0001
race_weekday_Sat	1	86183	9147.25422	9.42	<.0001

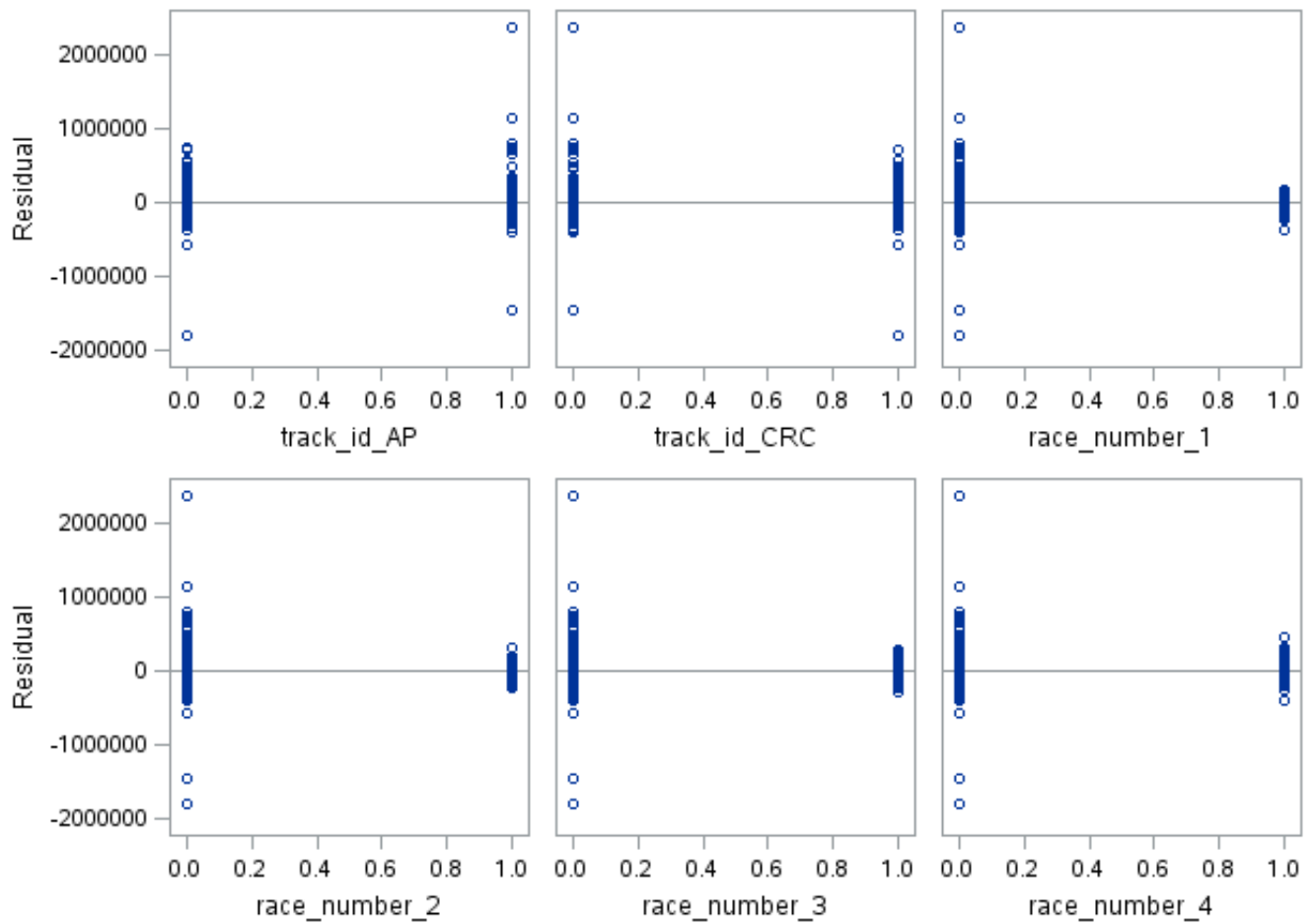
## Linear Model using Development Dataset

The REG Procedure  
Model: MODEL1  
Dependent Variable: handle

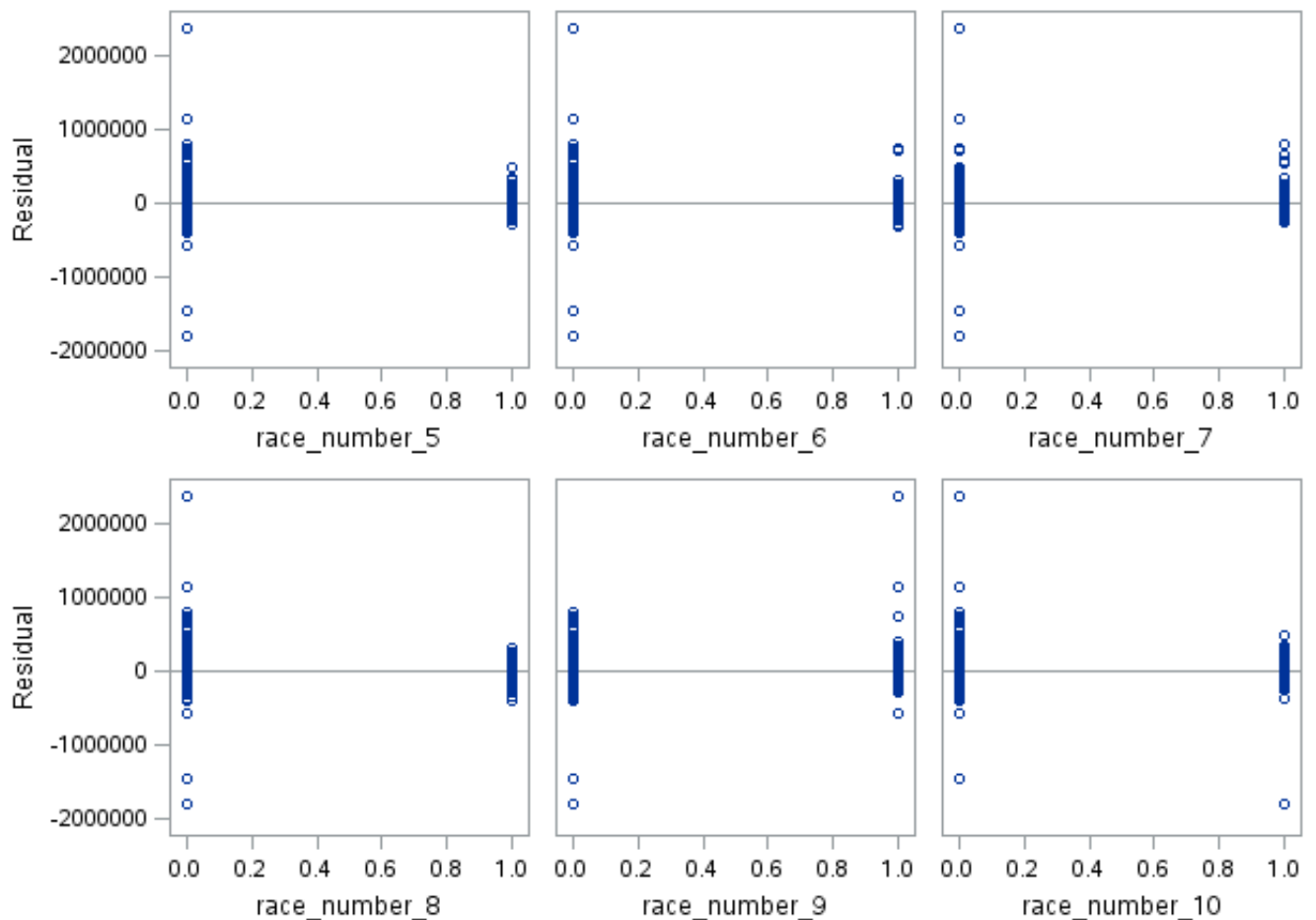
# Fit Diagnostics for handle



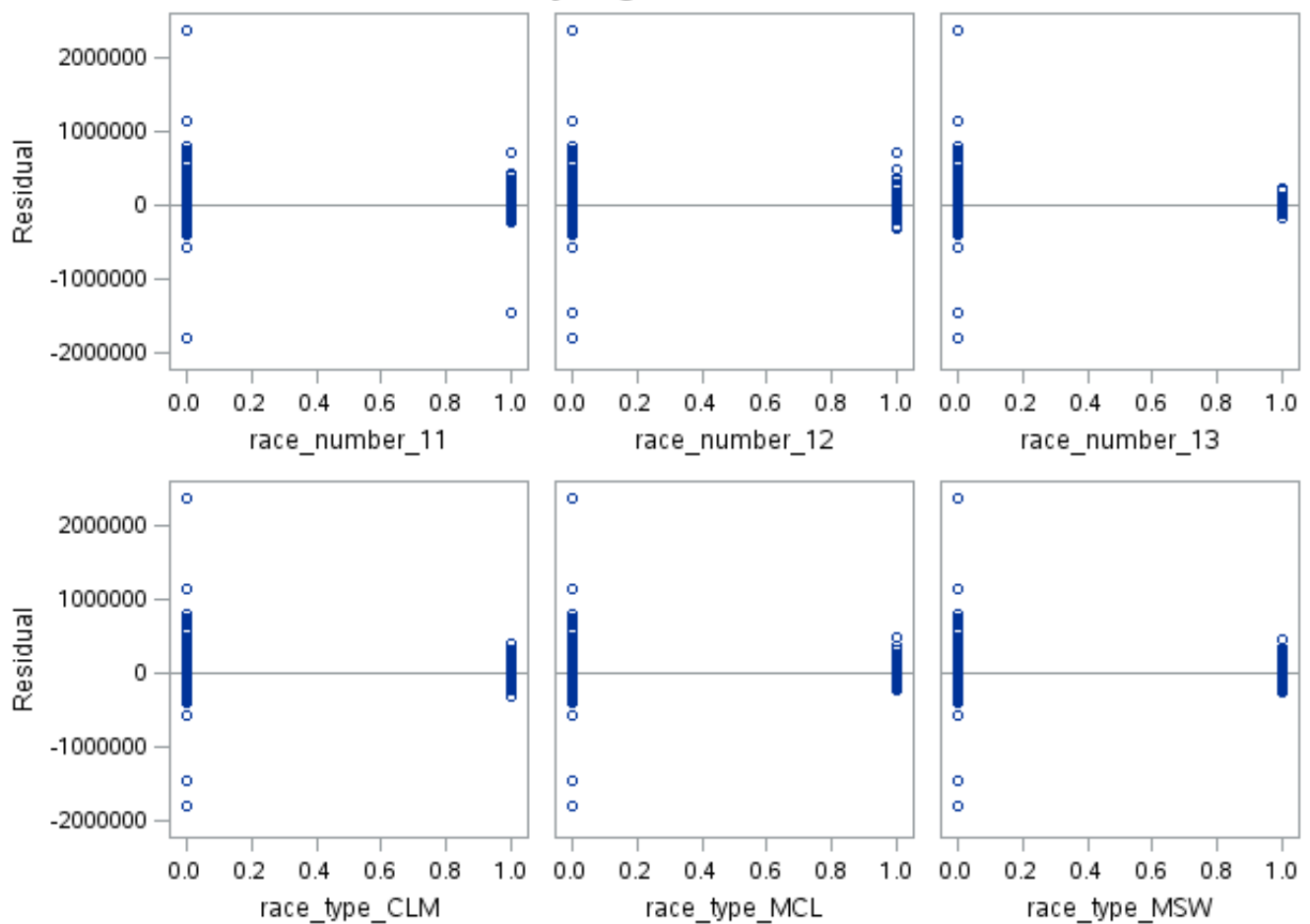
**Residual by Regressors for handle**



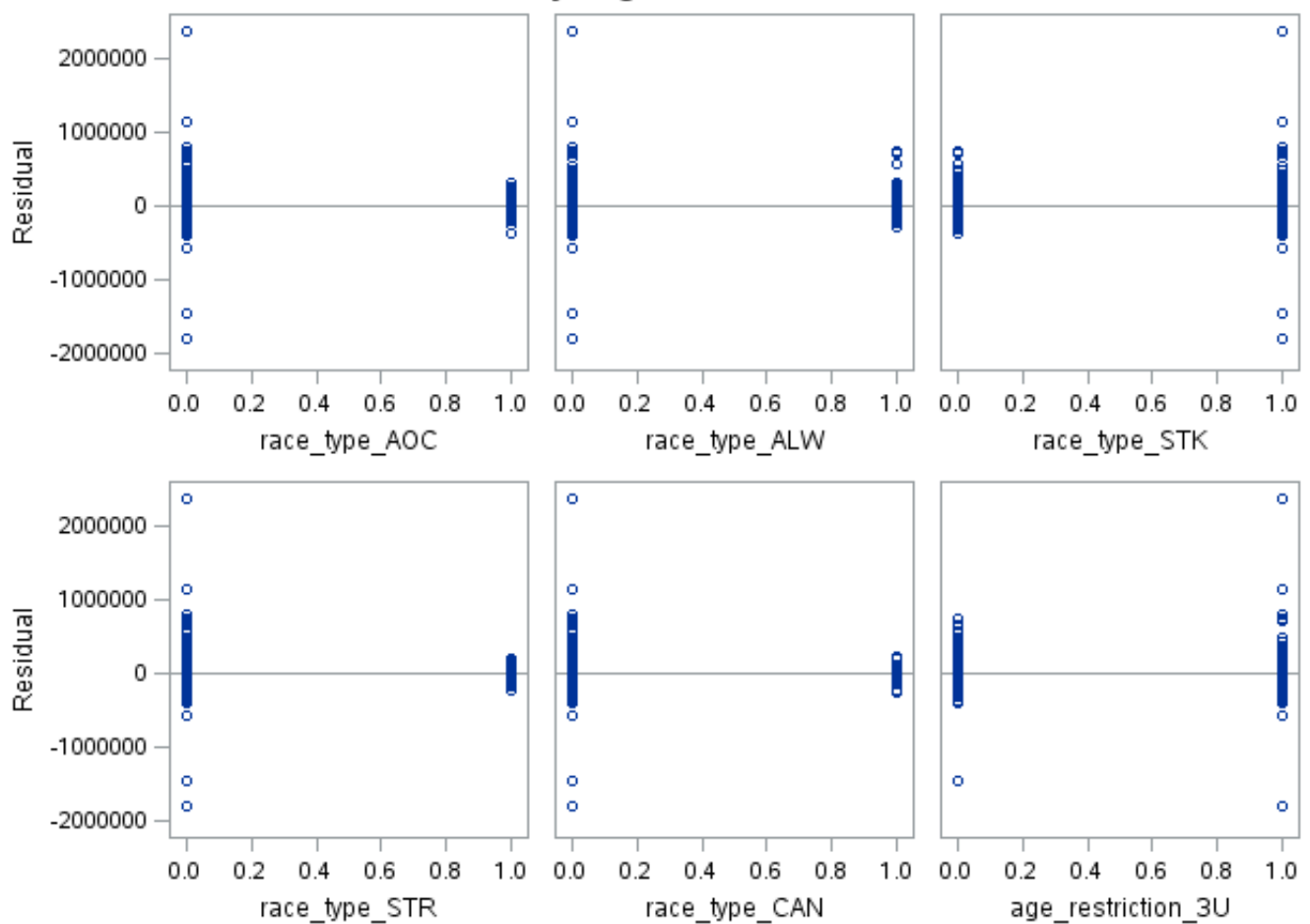
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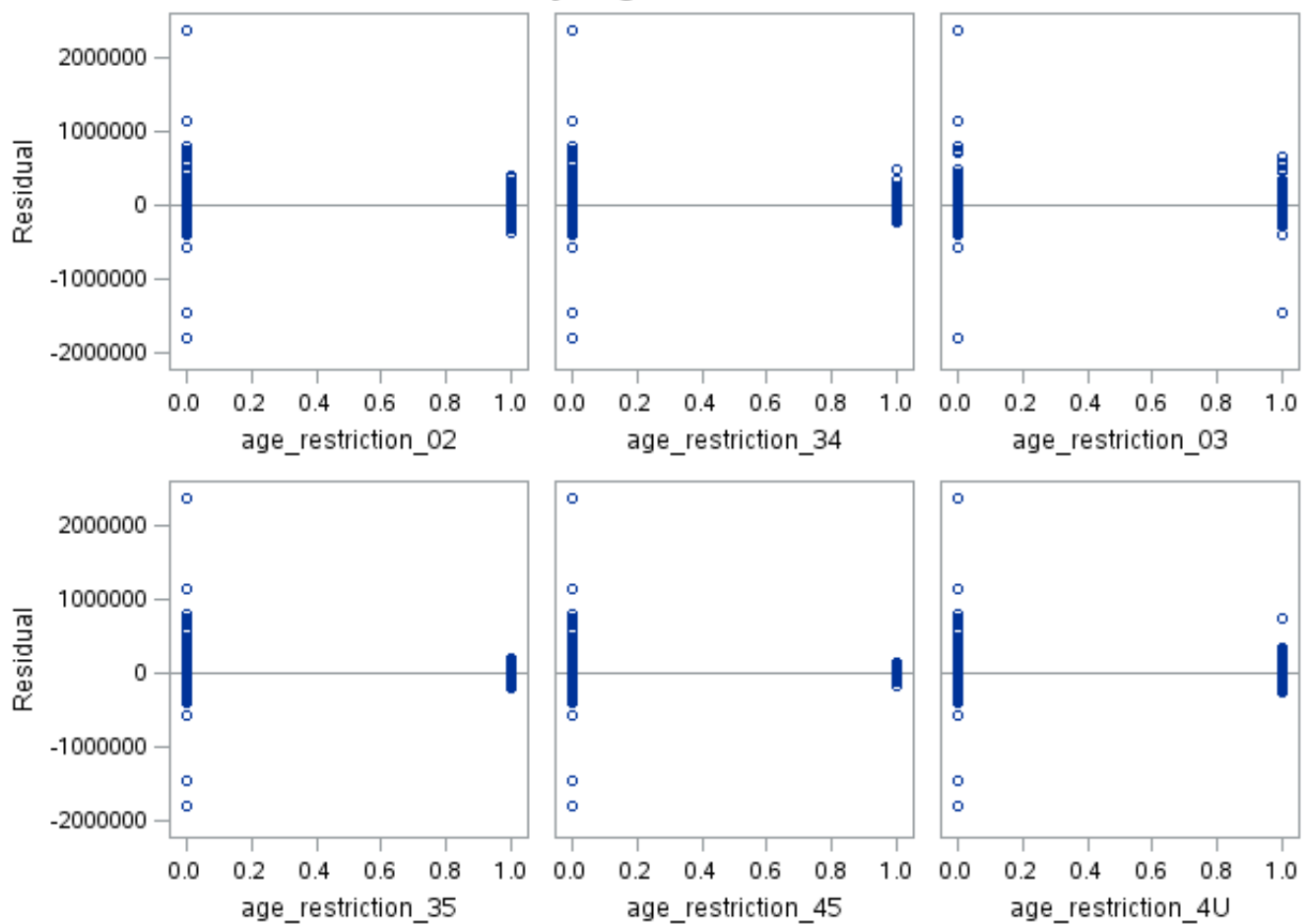
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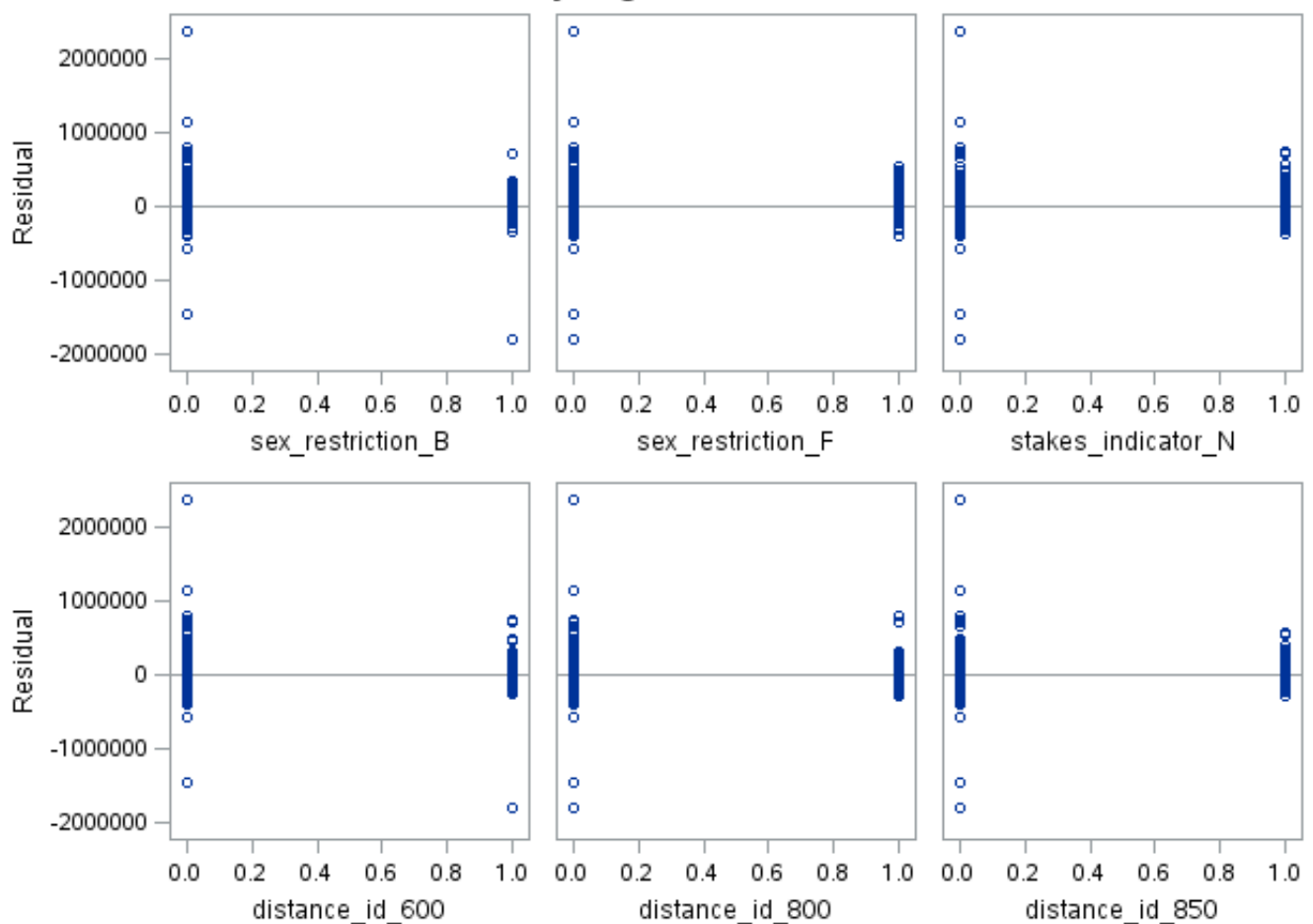
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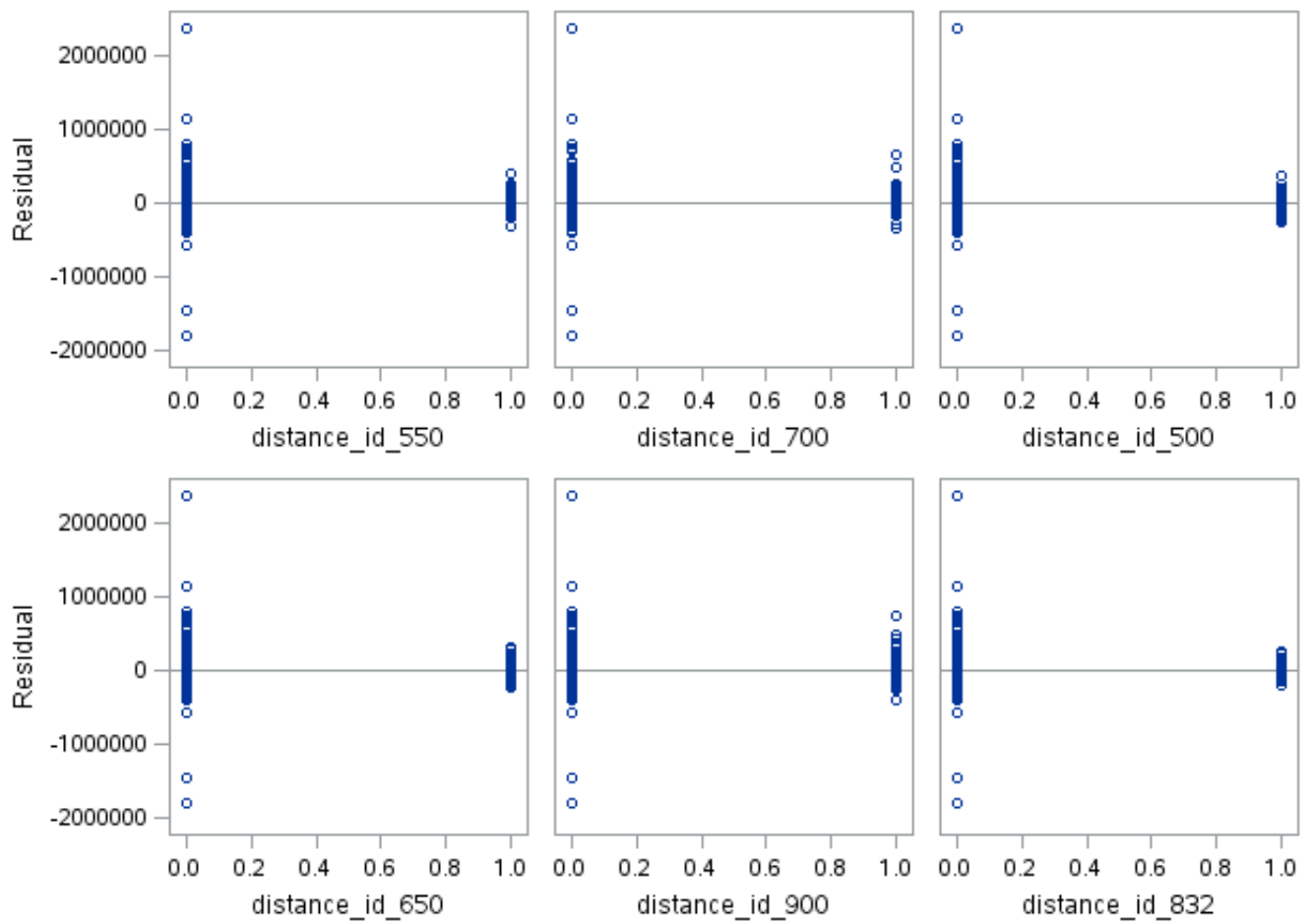
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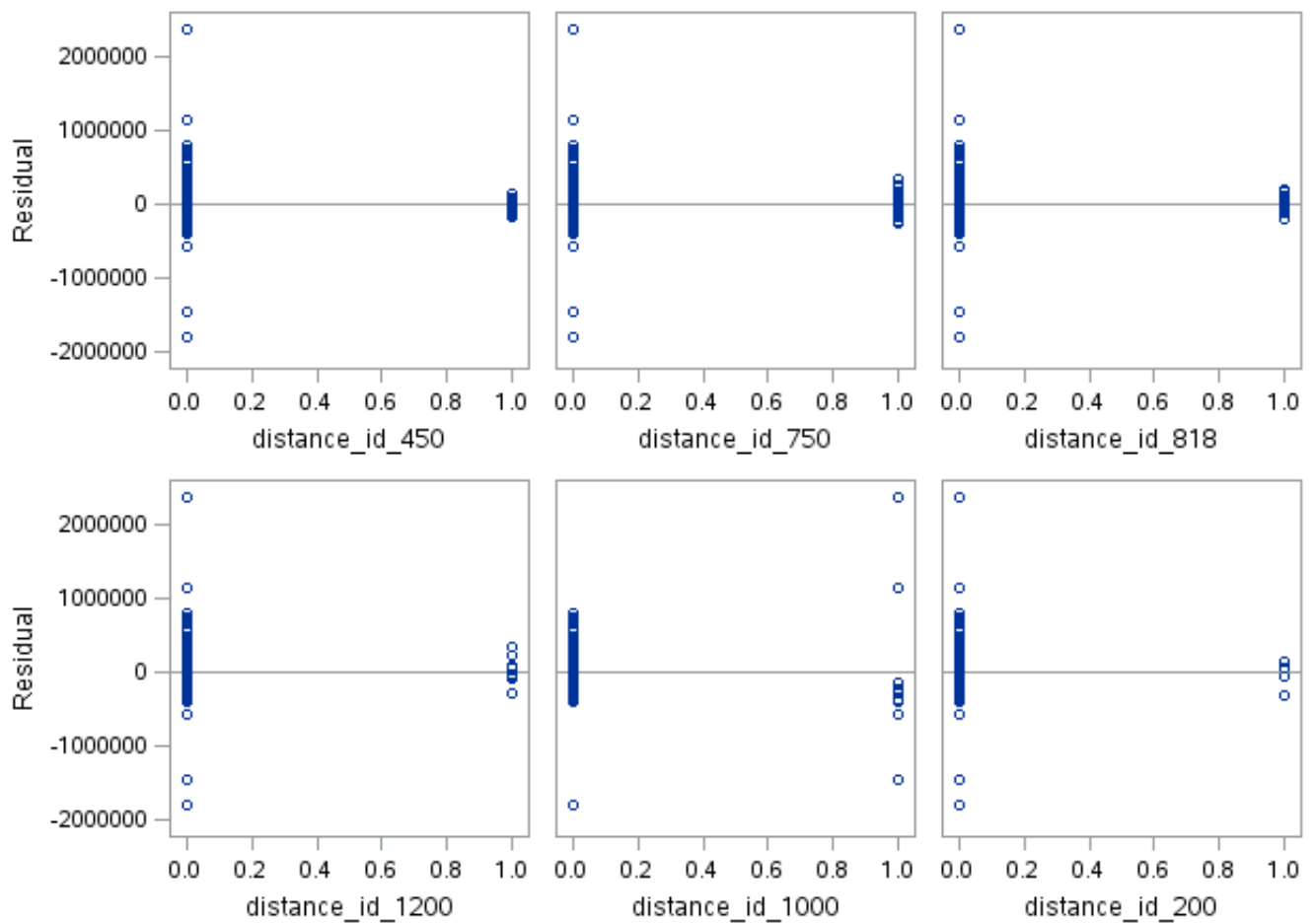
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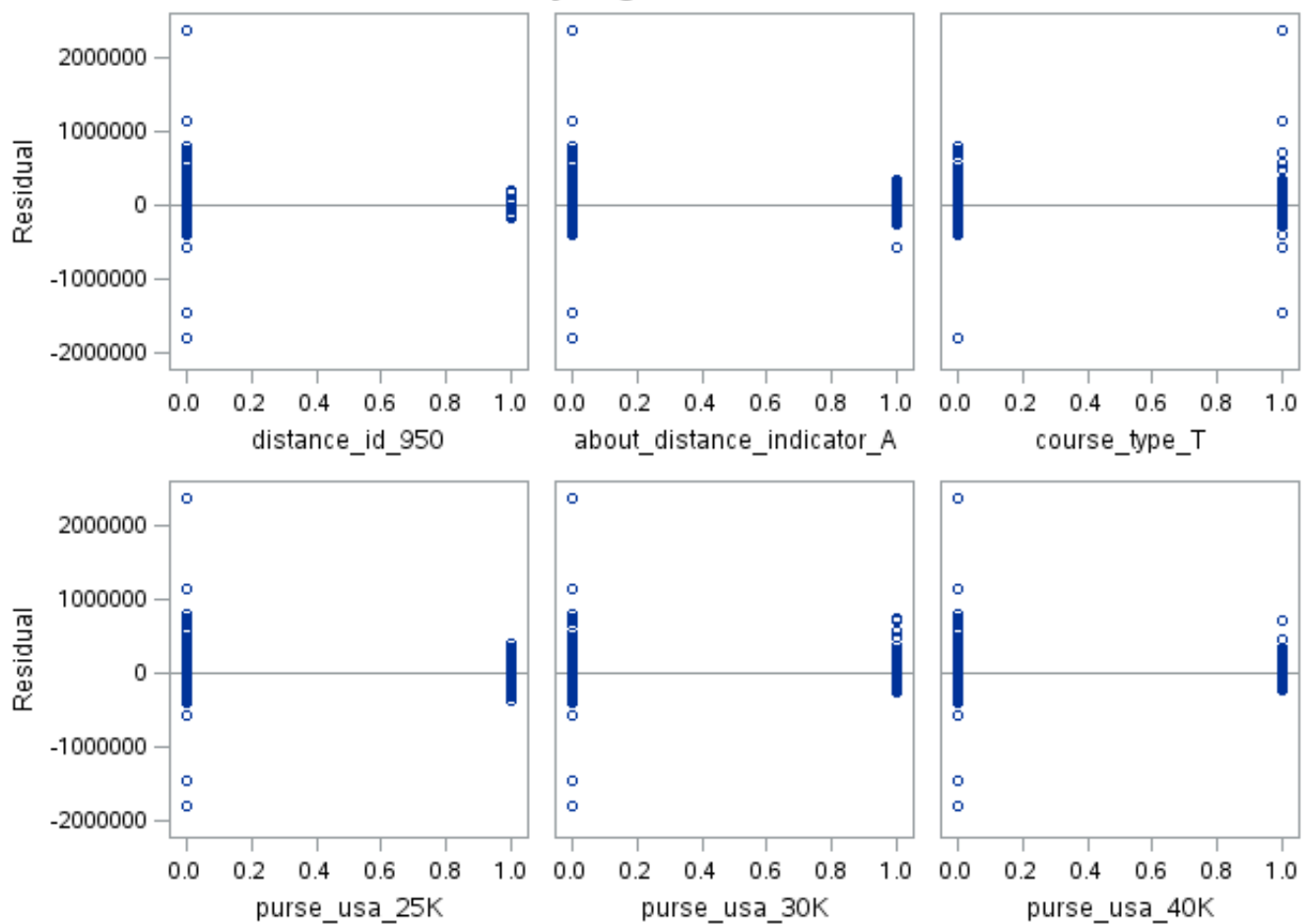


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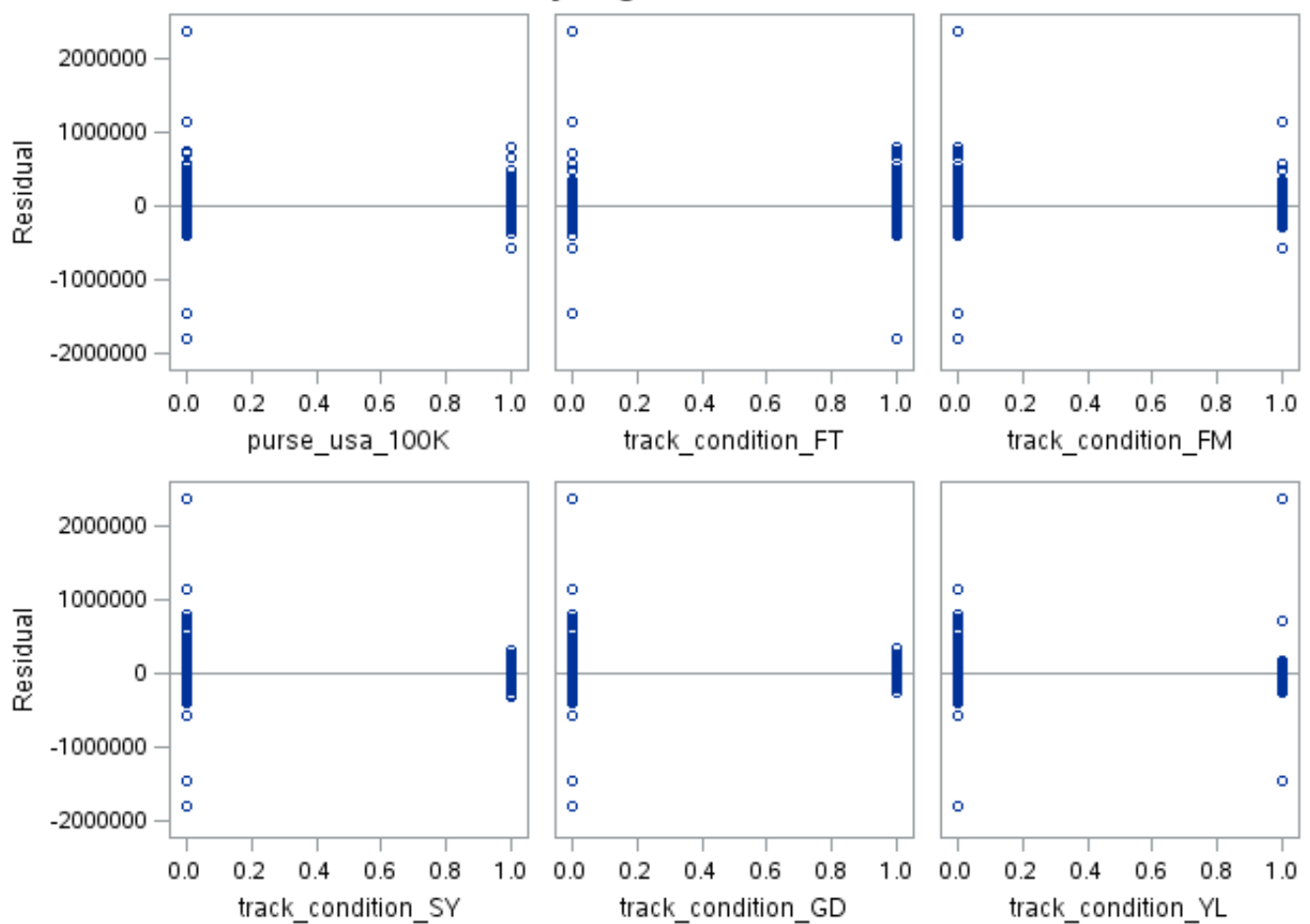




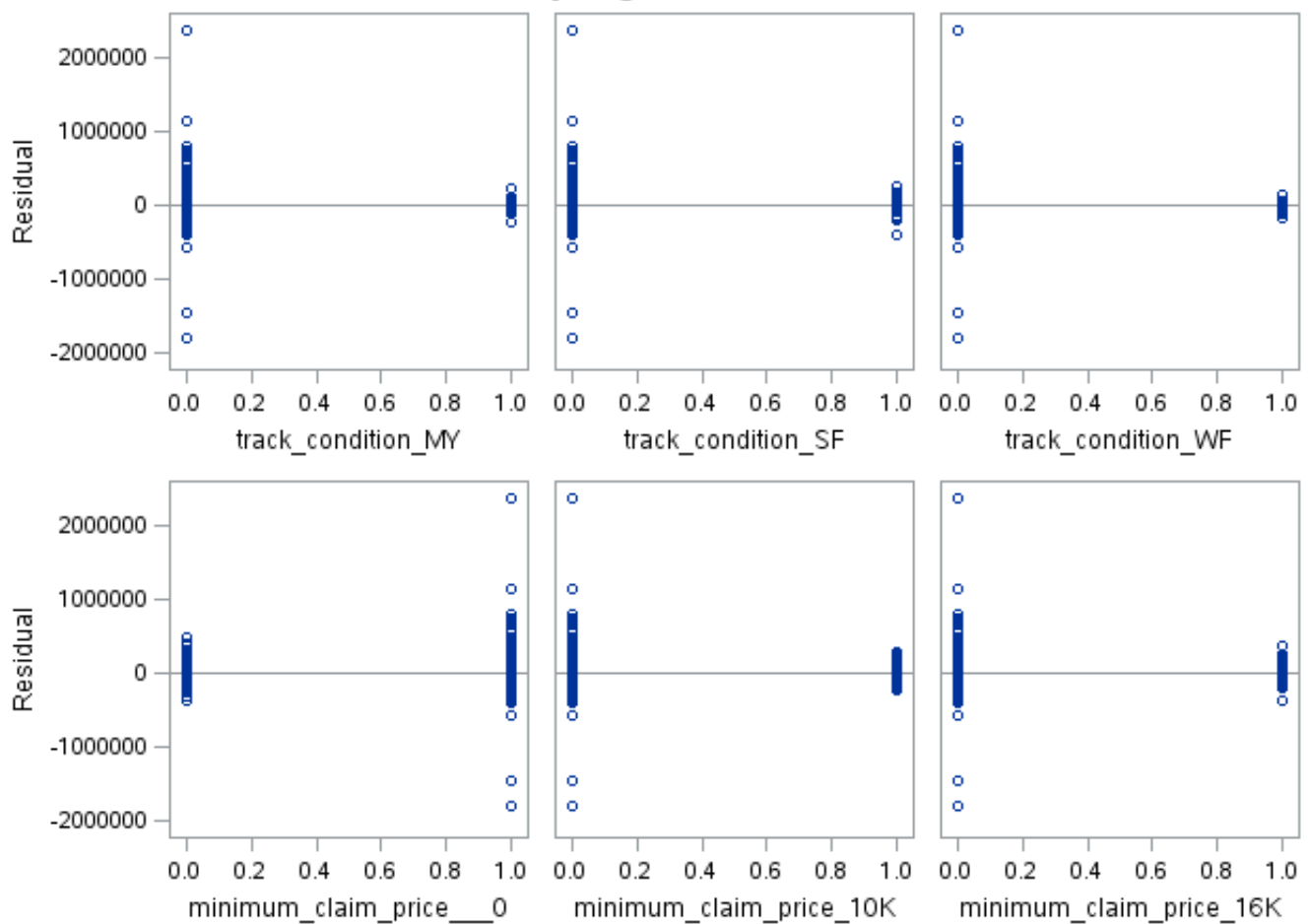
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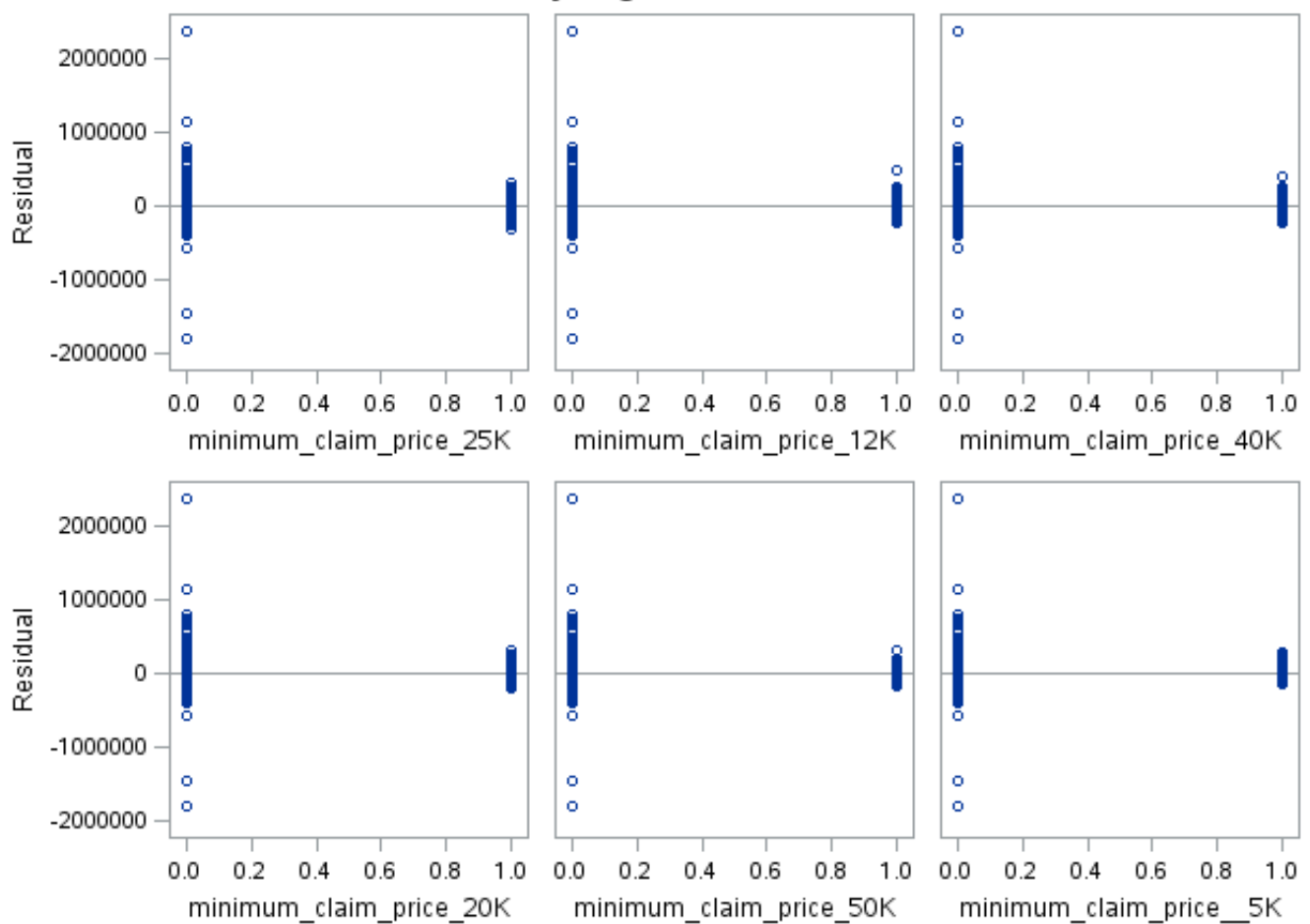
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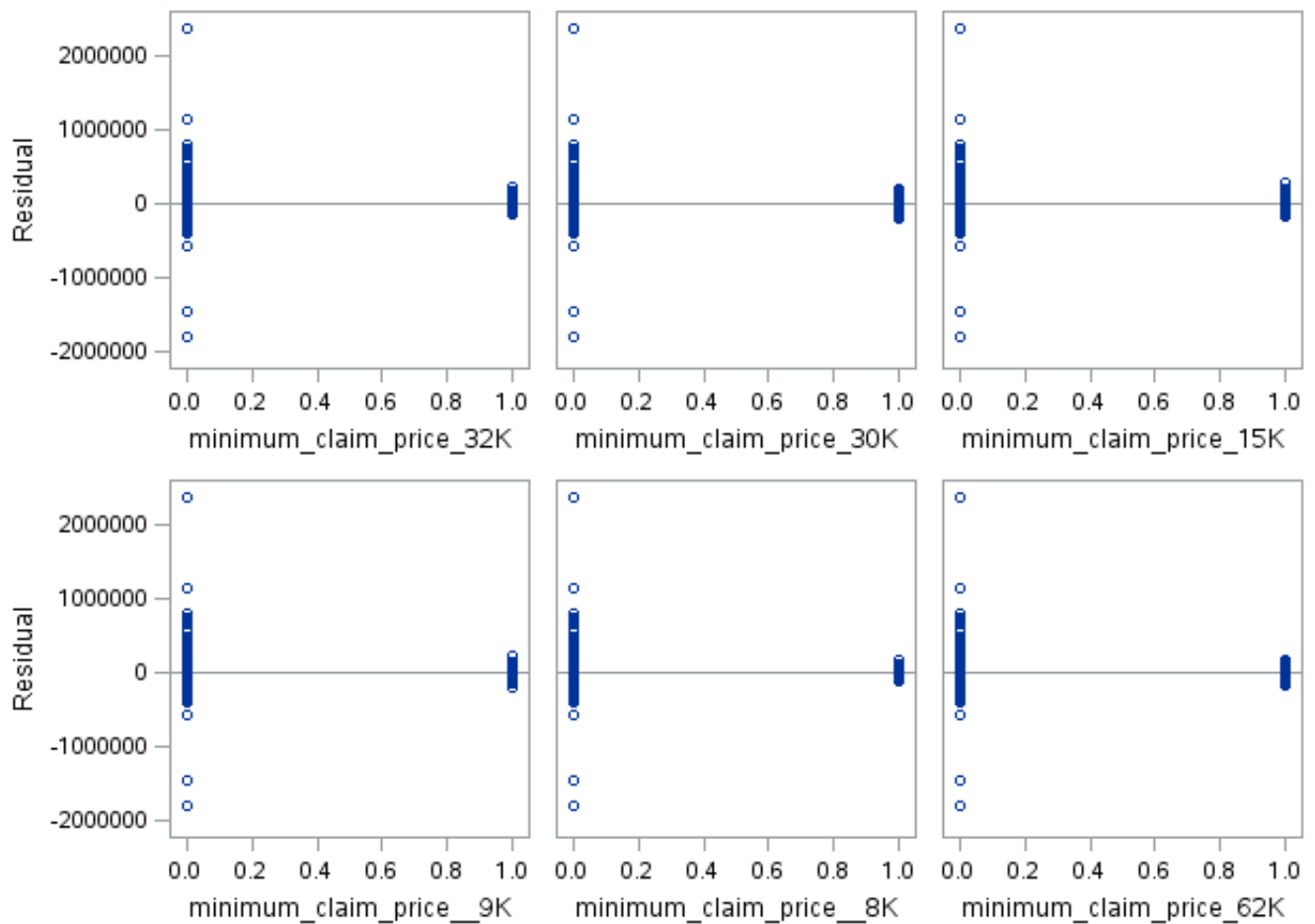
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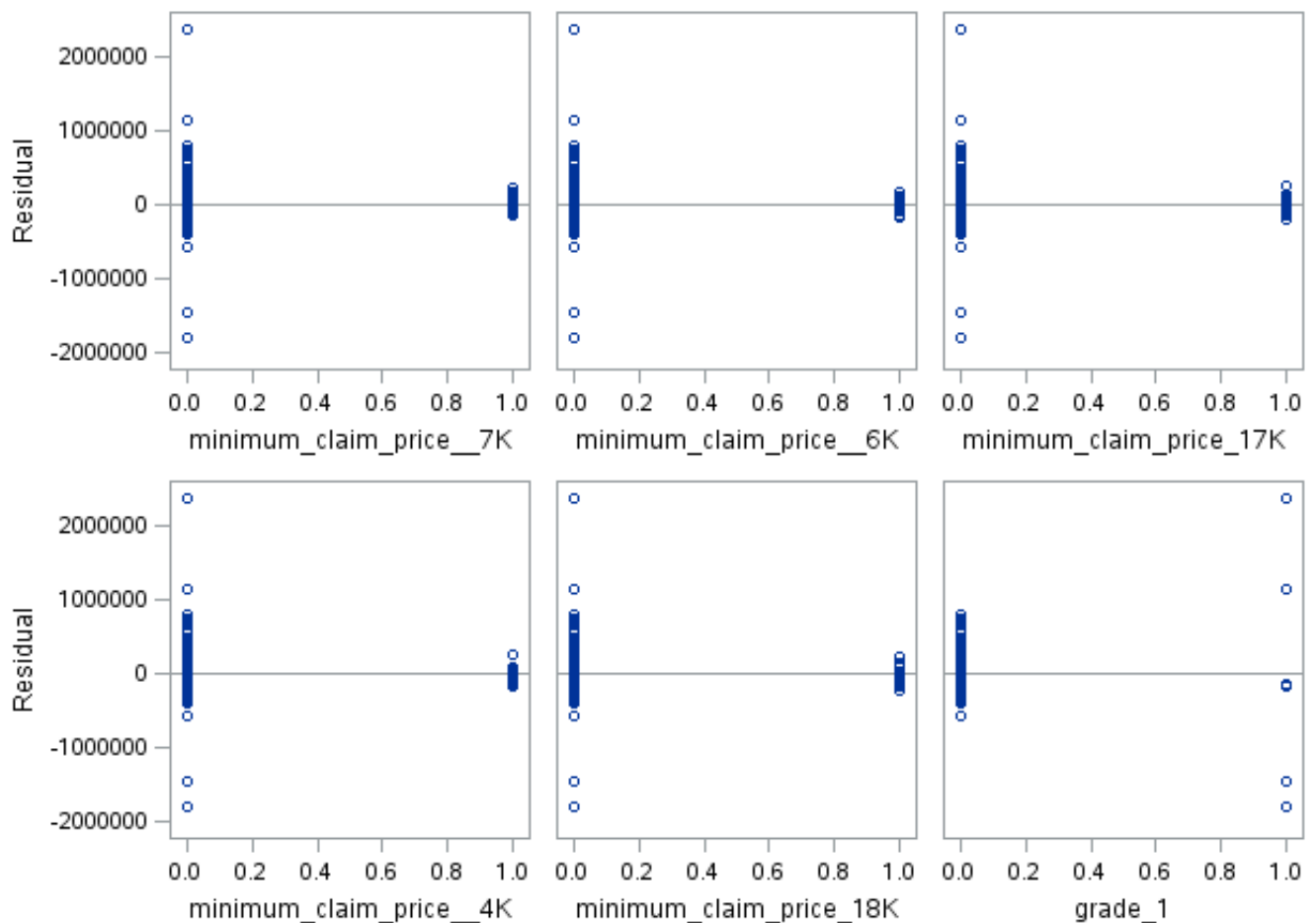
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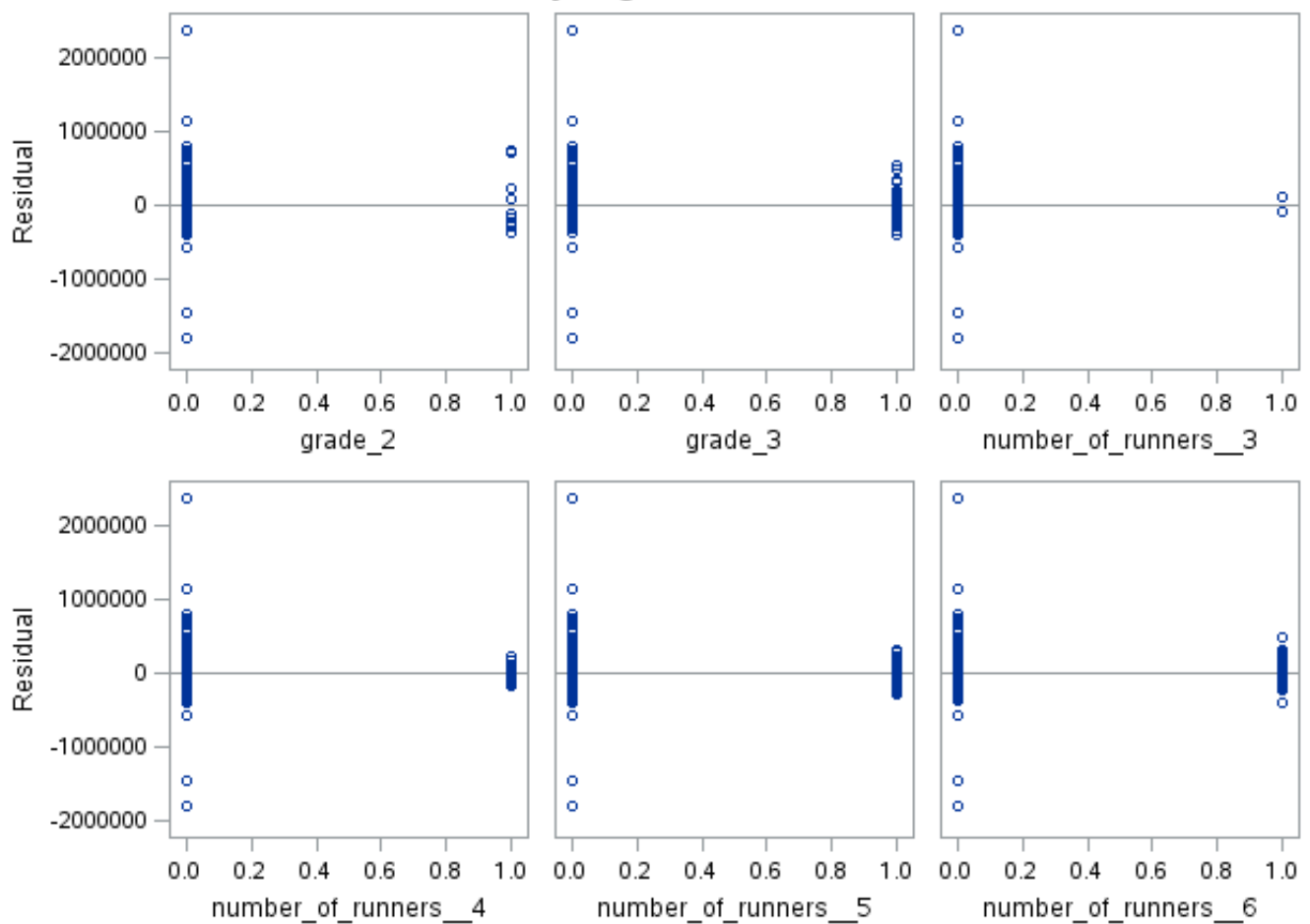
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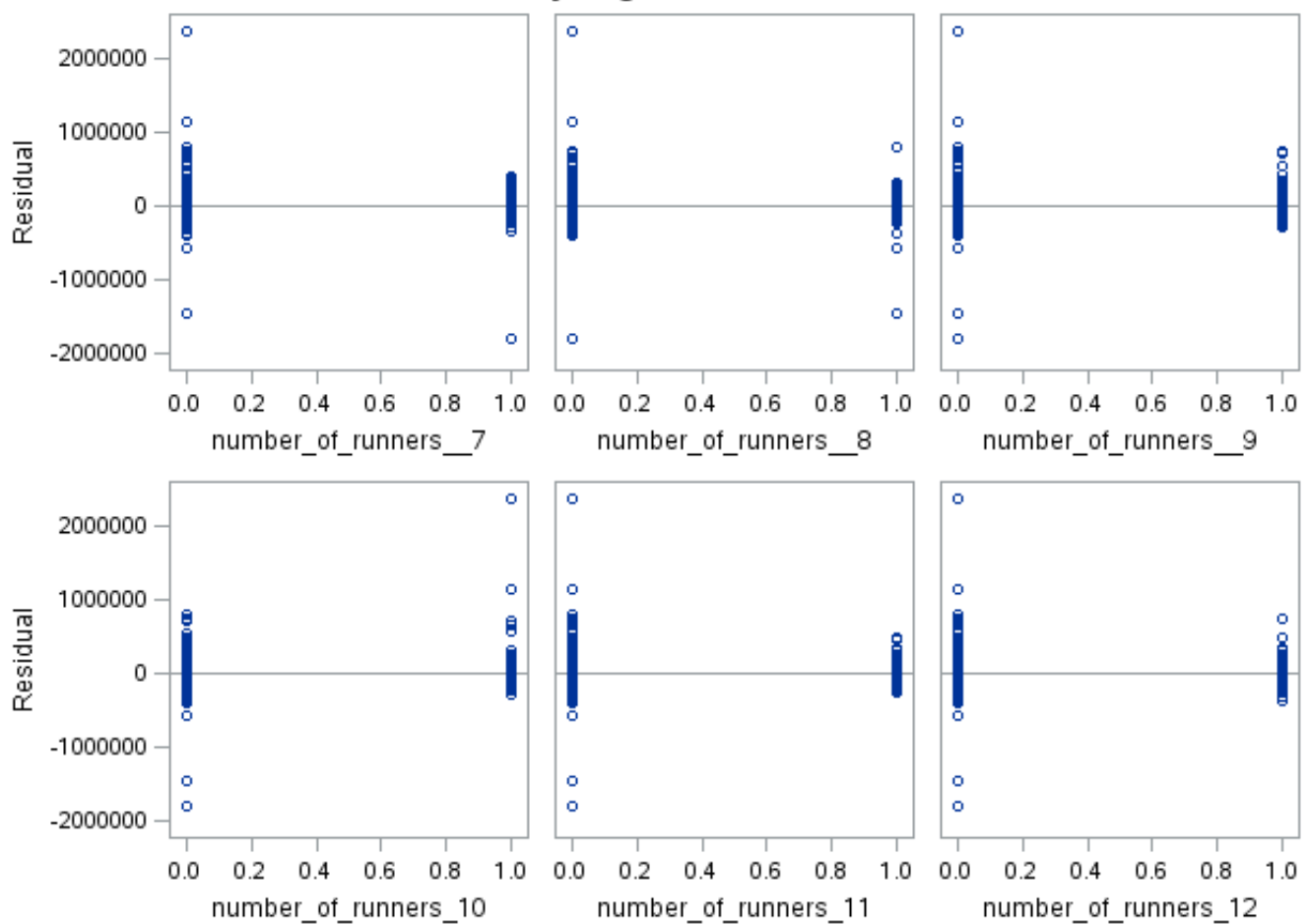
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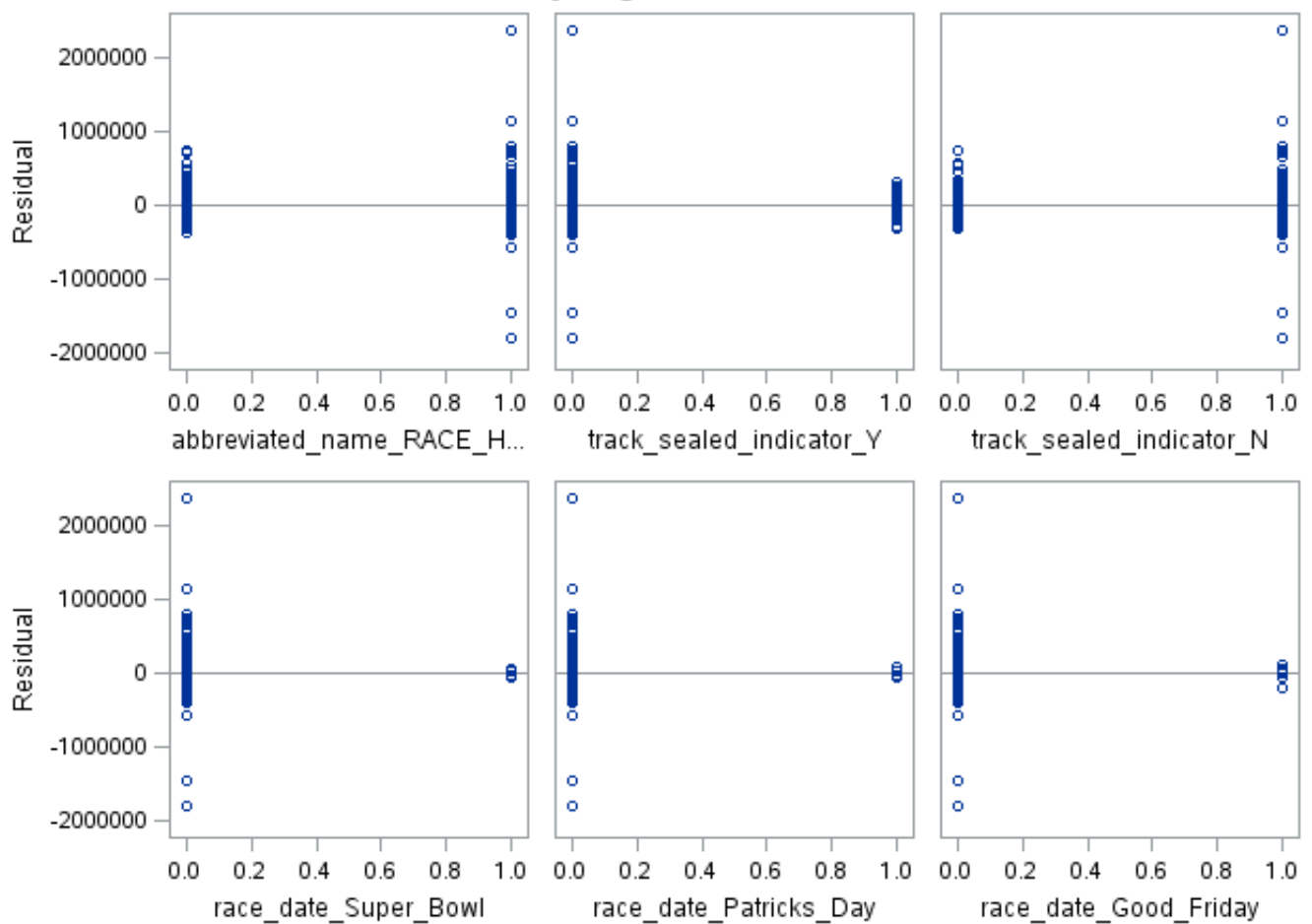
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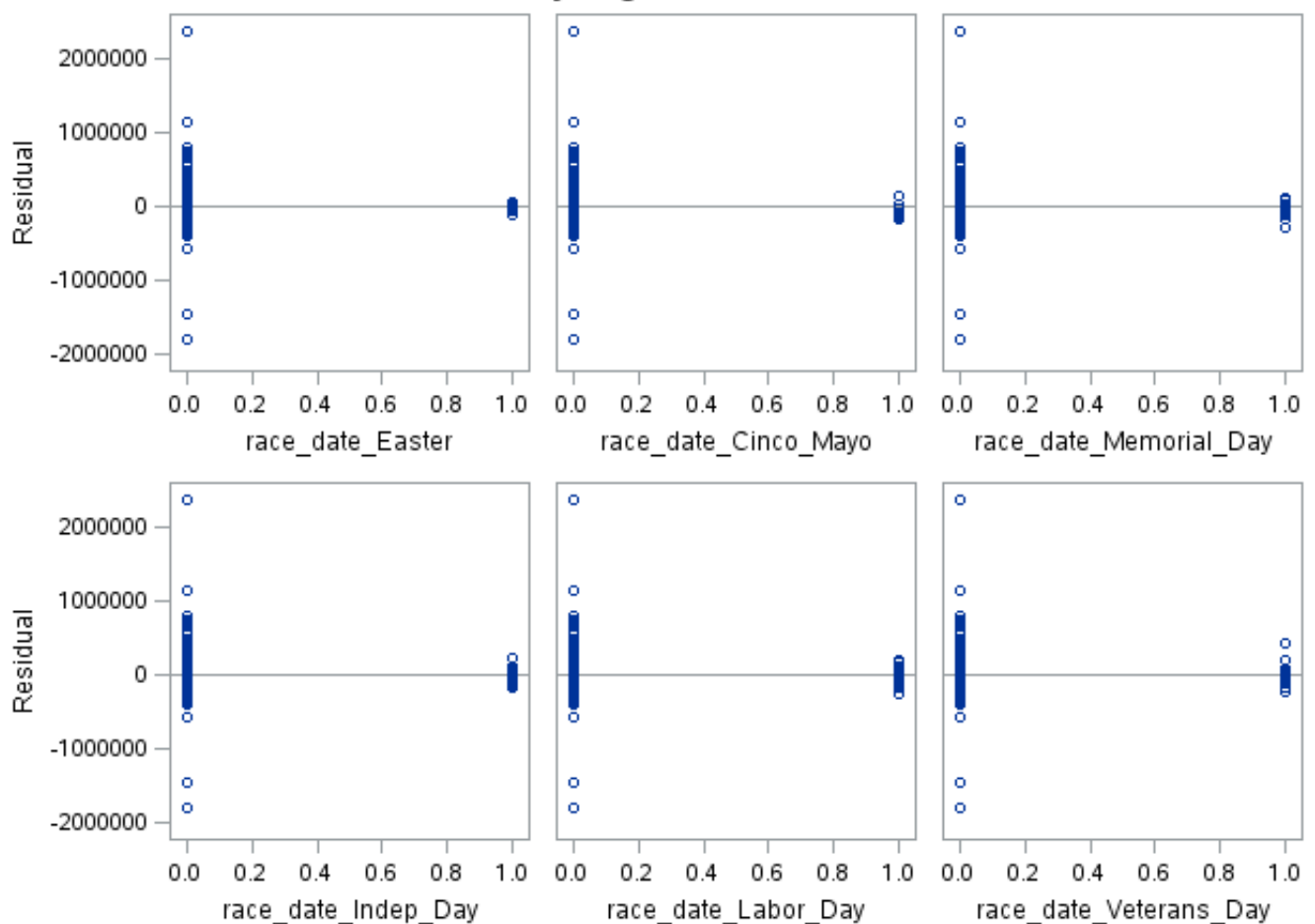
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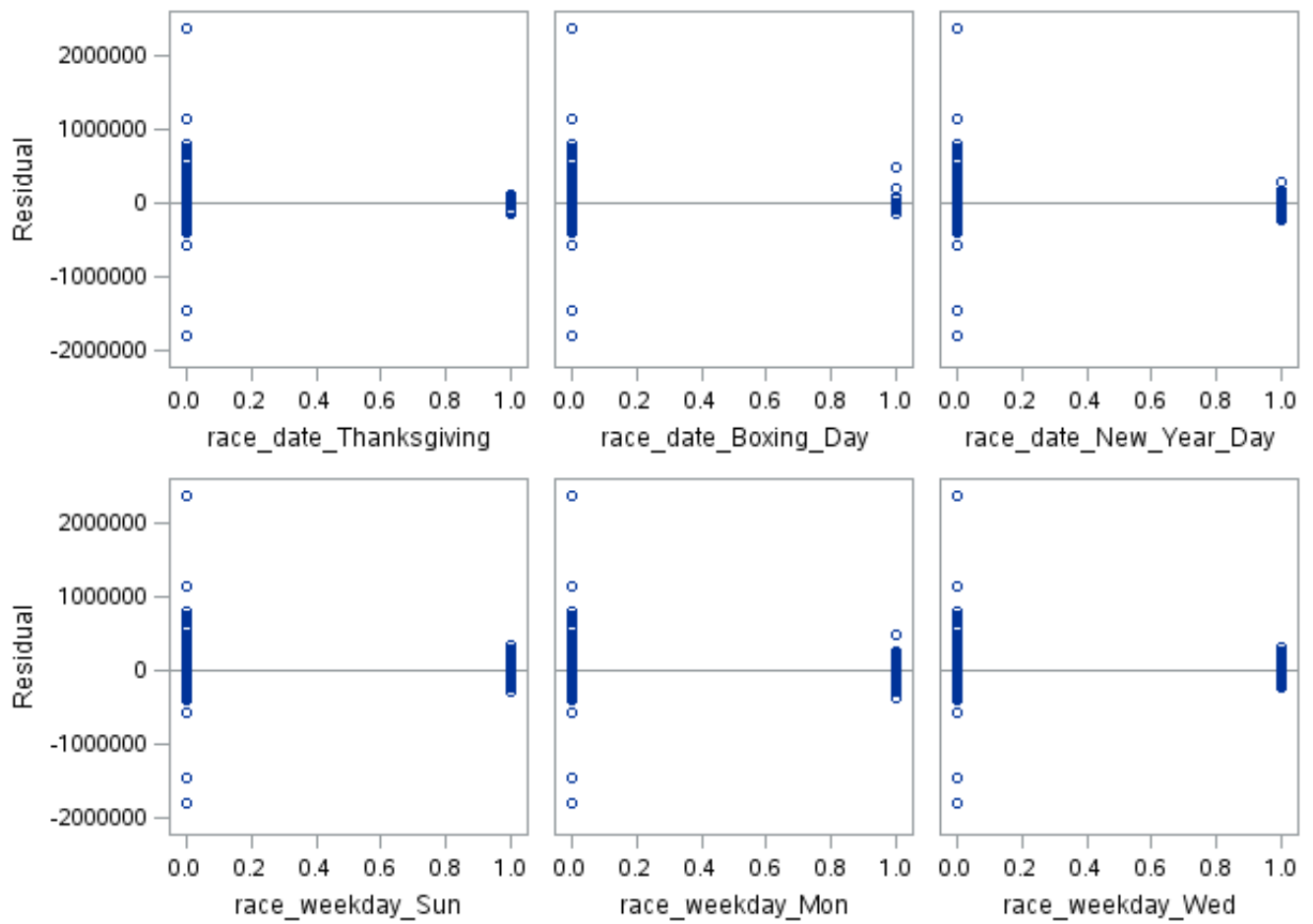
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