

Linear Model for CRC Track using Development Dataset

The REG Procedure
Model: CRC_TRACK
Dependent Variable: handle

Number of Observations Read	2585
Number of Observations Used	2585

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	123	4.939486E13	4.015842E11	Infty	<.0001
Error	2461	0	0		
Corrected Total	2584	4.939486E13			

Root MSE	0	R-Square	1.0000
Dependent Mean	286793	Adj R-Sq	1.0000
Coeff Var	0		

Note: Model is not full rank. Least-squares solutions for the parameters are not unique. Some statistics will be misleading. A reported DF of 0 or B means that the estimate is biased.

Note: The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

age_restriction_35 =	0
age_restriction_45 =	0
distance_id_818 =	0
track_condition_MY =	0
track_condition_SF =	0
weather_H =	0
minimum_claim_price_30K =	0
minimum_claim_price_15K =	0
minimum_claim_price_7K =	0
minimum_claim_price_17K =	0
minimum_claim_price_4K =	0
minimum_claim_price_18K =	0
maximum_claim_price_100K =	0
maximum_claim_price_15K =	0
maximum_claim_price_35K =	0
maximum_claim_price_30K =	0
maximum_claim_price_17K =	0
maximum_claim_price_62K =	minimum_claim_price_62K
maximum_claim_price_6K =	Intercept - minimum_claim_price_62K - maximum_claim_price_0 - maximum_claim_price_10K - maximum_claim_price_25K - maximum_claim_price_16K - maximum_claim_price_12K - maximum_claim_price_40K - maximum_claim_price_50K - maximum_claim_price_5K - maximum_claim_price_20K - maximum_claim_price_32K - maximum_claim_price_8K
maximum_claim_price_18K =	0

maximum_claim_price__14K =	0
maximum_claim_price__13K =	0
maximum_claim_price__80K =	0
number_of_runners__3 =	0
race_date_Super_Bowl =	0
race_date_Patricks_Day =	0
race_date_Good_Friday =	0
race_date_Easter =	0

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	B	1.242185E-7	0	Infty	<.0001
wps_pool	wps_pool	1	1.00000	0	Infty	<.0001
total_pool_sum	total_pool	1	1.00000	0	Infty	<.0001
race_number_1		1	-3.75826E-9	0	-Infty	<.0001
race_number_2		1	-3.40895E-9	0	-Infty	<.0001
race_number_3		1	-3.71621E-9	0	-Infty	<.0001
race_number_4		1	-3.73407E-9	0	-Infty	<.0001
race_number_5		1	-3.58447E-9	0	-Infty	<.0001
race_number_6		1	-3.71112E-9	0	-Infty	<.0001
race_number_7		1	-4.14133E-9	0	-Infty	<.0001
race_number_8		1	-3.94037E-9	0	-Infty	<.0001
race_number_9		1	-3.66365E-9	0	-Infty	<.0001
race_number_10		1	-3.28302E-9	0	-Infty	<.0001
race_number_11		1	-3.46514E-9	0	-Infty	<.0001
race_number_12		1	-2.6897E-9	0	-Infty	<.0001
race_number_13		1	-3.08308E-9	0	-Infty	<.0001
conditions_of_race_NW2_L		1	1.35274E-10	0	Infty	<.0001
conditions_of_race_NW1_X		1	-1.9314E-10	0	-Infty	<.0001
conditions_of_race_NW2_X		1	3.85671E-10	0	Infty	<.0001
conditions_of_race_NW3_L		1	2.60239E-10	0	Infty	<.0001
conditions_of_race_C		1	6.34828E-11	0	Infty	<.0001
conditions_of_race_NW3_X		1	2.82902E-10	0	Infty	<.0001
conditions_of_race_OTHER		1	7.98092E-10	0	Infty	<.0001
race_type_CLM		1	-6.03627E-8	0	-Infty	<.0001
race_type_MCL		1	-6.07977E-8	0	-Infty	<.0001
race_type_MSW		1	-6.00003E-8	0	-Infty	<.0001
race_type_AOC		1	-6.00299E-8	0	-Infty	<.0001
race_type_ALW		1	-5.95585E-8	0	-Infty	<.0001
race_type_STK		1	2.257605E-8	0	Infty	<.0001
race_type_STR		1	-9.76827E-8	0	-Infty	<.0001
race_type_CAN		1	-6.67608E-8	0	-Infty	<.0001
age_restriction_3U		1	-3.93686E-9	0	-Infty	<.0001
age_restriction_02		1	-2.97795E-9	0	-Infty	<.0001
age_restriction_34		1	-2.98346E-9	0	-Infty	<.0001
age_restriction_03		1	-3.43658E-9	0	-Infty	<.0001
age_restriction_35		0	0	.	.	.
age_restriction_45		0	0	.	.	.
age_restriction_4U		1	-6.59691E-9	0	-Infty	<.0001

sex_restriction_B		1	2.84294E-10	0	Infty	<.0001
sex_restriction_F		1	-9.2891E-11	0	-Infty	<.0001
stakes_indicator_N		1	7.945137E-8	0	Infty	<.0001
distance_id_600		1	-3.43444E-8	0	-Infty	<.0001
distance_id_800		1	-3.45882E-8	0	-Infty	<.0001
distance_id_850		1	-3.4247E-8	0	-Infty	<.0001
distance_id_550		1	-3.44232E-8	0	-Infty	<.0001
distance_id_700		1	-3.43289E-8	0	-Infty	<.0001
distance_id_500		1	-3.44071E-8	0	-Infty	<.0001
distance_id_650		1	-3.4522E-8	0	-Infty	<.0001
distance_id_900		1	-3.43027E-8	0	-Infty	<.0001
distance_id_832		1	-3.43545E-8	0	-Infty	<.0001
distance_id_450		1	-3.45205E-8	0	-Infty	<.0001
distance_id_750		1	-3.43971E-8	0	-Infty	<.0001
distance_id_818		0	0	.	.	.
distance_id_1200		1	-2.91398E-8	0	-Infty	<.0001
distance_id_1000		1	-5.89772E-8	0	-Infty	<.0001
distance_id_200		1	-3.21226E-8	0	-Infty	<.0001
distance_id_950		1	-1.27837E-8	0	-Infty	<.0001
about_distance_indicator_A		1	2.577143E-8	0	Infty	<.0001
course_type_T		1	-7.6711E-10	0	-Infty	<.0001
purse_usa_30K		1	-3.8286E-10	0	-Infty	<.0001
purse_usa_40K		1	-4.6107E-10	0	-Infty	<.0001
purse_usa_100K		1	-1.24477E-9	0	-Infty	<.0001
purse_usa_MT_100K		1	-1.45975E-9	0	-Infty	<.0001
track_condition_FT		1	-1.2867E-8	0	-Infty	<.0001
track_condition_FM		1	-1.21665E-8	0	-Infty	<.0001
track_condition_SY		1	-1.24151E-8	0	-Infty	<.0001
track_condition_GD		1	-1.27885E-8	0	-Infty	<.0001
track_condition_YL		1	-1.18938E-8	0	-Infty	<.0001
track_condition_MY		0	0	.	.	.
track_condition_SF		0	0	.	.	.
track_condition_WF		1	-1.27766E-8	0	-Infty	<.0001
weather_C		1	-6.05986E-9	0	-Infty	<.0001
weather_L		1	-6.2428E-9	0	-Infty	<.0001
weather_O		1	-6.24733E-9	0	-Infty	<.0001
weather_H		0	0	.	.	.
weather_R		1	-5.18751E-9	0	-Infty	<.0001
minimum_claim_price__0		1	1.956253E-8	0	Infty	<.0001
minimum_claim_price_10K		1	-2.23992E-8	0	-Infty	<.0001
minimum_claim_price_16K		1	-1.07366E-8	0	-Infty	<.0001
minimum_claim_price_25K		1	-1.40149E-8	0	-Infty	<.0001
minimum_claim_price_12K		1	-1.74948E-8	0	-Infty	<.0001
minimum_claim_price_40K		1	-1.90568E-8	0	-Infty	<.0001
minimum_claim_price_20K		1	-1.72144E-8	0	-Infty	<.0001
minimum_claim_price_50K		1	-1.76386E-8	0	-Infty	<.0001
minimum_claim_price_5K		1	-1.79938E-8	0	-Infty	<.0001
minimum_claim_price_32K		1	-1.56637E-8	0	-Infty	<.0001
minimum_claim_price_30K		0	0	.	.	.
minimum_claim_price_15K		0	0	.	.	.
minimum_claim_price_9K		1	-2.12681E-8	0	-Infty	<.0001

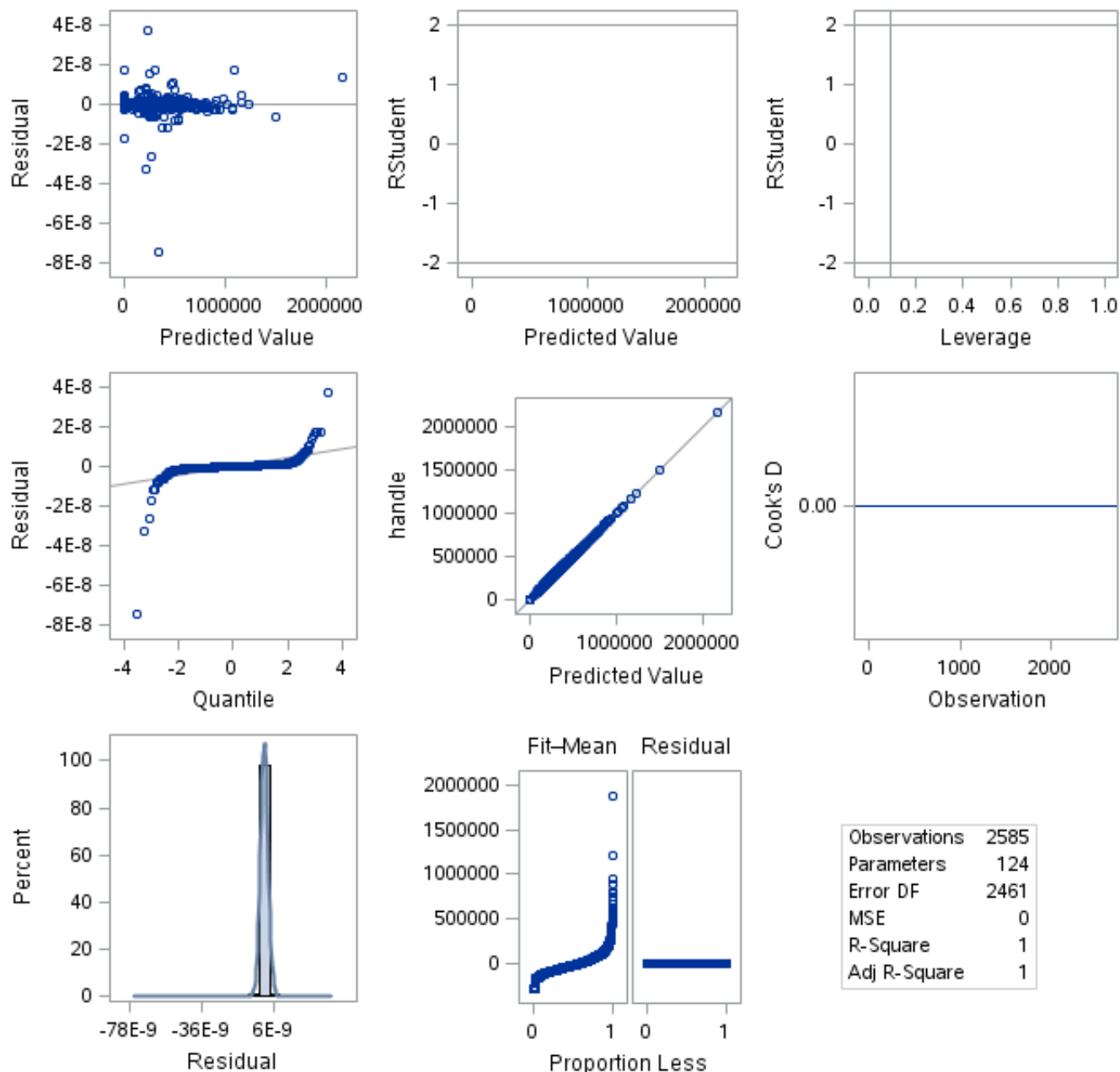
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minimum_claim_price_17K		0	0	.	.	.
minimum_claim_price_4K		0	0	.	.	.
minimum_claim_price_18K		0	0	.	.	.
maximum_claim_price_100K		0	0	.	.	.
maximum_claim_price___0		B	-1.14252E-7	0	-Infy	<.0001
maximum_claim_price_10K		B	-7.10493E-8	0	-Infy	<.0001
maximum_claim_price_25K		B	-7.99271E-8	0	-Infy	<.0001
maximum_claim_price_16K		B	-8.29552E-8	0	-Infy	<.0001
maximum_claim_price_12K		B	-7.59424E-8	0	-Infy	<.0001
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maximum_claim_price_20K		B	-7.68086E-8	0	-Infy	<.0001
maximum_claim_price_32K		B	-7.83154E-8	0	-Infy	<.0001
maximum_claim_price_15K		0	0	.	.	.
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maximum_claim_price_30K		0	0	.	.	.
maximum_claim_price___8K		B	-7.41986E-8	0	-Infy	<.0001
maximum_claim_price_17K		0	0	.	.	.
maximum_claim_price_62K		0	0	.	.	.
maximum_claim_price___6K		0	0	.	.	.
maximum_claim_price_18K		0	0	.	.	.
maximum_claim_price_14K		0	0	.	.	.
maximum_claim_price_13K		0	0	.	.	.
maximum_claim_price_80K		0	0	.	.	.
grade_1		1	-2.43673E-8	0	-Infy	<.0001
grade_2		1	1.437404E-9	0	Infy	<.0001
grade_3		1	-5.4014E-10	0	-Infy	<.0001
number_of_runners_3		0	0	.	.	.
number_of_runners_4		1	1.133481E-8	0	Infy	<.0001
number_of_runners_5		1	1.139865E-8	0	Infy	<.0001
number_of_runners_6		1	1.180447E-8	0	Infy	<.0001
number_of_runners_7		1	1.187016E-8	0	Infy	<.0001
number_of_runners_8		1	1.203137E-8	0	Infy	<.0001
number_of_runners_9		1	1.205277E-8	0	Infy	<.0001
number_of_runners_10		1	1.184908E-8	0	Infy	<.0001
number_of_runners_11		1	1.151397E-8	0	Infy	<.0001
number_of_runners_12		1	1.179379E-8	0	Infy	<.0001
abbreviated_name_RACE_HAS		1	-2.21292E-9	0	-Infy	<.0001
track_sealed_indicator_Y		1	-8.2878E-10	0	-Infy	<.0001
track_sealed_indicator_N		1	-4.6012E-10	0	-Infy	<.0001
race_date_Super_Bowl		0	0	.	.	.
race_date_Patricks_Day		0	0	.	.	.
race_date_Good_Friday		0	0	.	.	.
race_date_Easter		0	0	.	.	.
race_date_Cinco_Mayo		1	-2.9858E-10	0	-Infy	<.0001
race_date_Memorial_Day		1	5.60418E-11	0	Infy	<.0001

race_date_Indep_Day		1	6.44856E-11	0	Infty	<.0001
race_date_Labor_Day		1	-4.3481E-10	0	-Infty	<.0001
race_date_Veterans_Day		1	-1.2757E-10	0	-Infty	<.0001
race_date_Thanksgiving		1	-2.5985E-10	0	-Infty	<.0001
race_date_Boxing_Day		1	-1.7046E-10	0	-Infty	<.0001
race_date_New_Year_Day		1	-9.8448E-11	0	-Infty	<.0001
race_weekday_Sun		1	-2.5907E-10	0	-Infty	<.0001
race_weekday_Mon		1	-2.1696E-10	0	-Infty	<.0001
race_weekday_Wed		1	-4.2721E-10	0	-Infty	<.0001
race_weekday_Thu		1	-3.006E-10	0	-Infty	<.0001
race_weekday_Fri		1	-4.4536E-10	0	-Infty	<.0001
race_weekday_Sat		1	-4.8614E-10	0	-Infty	<.0001

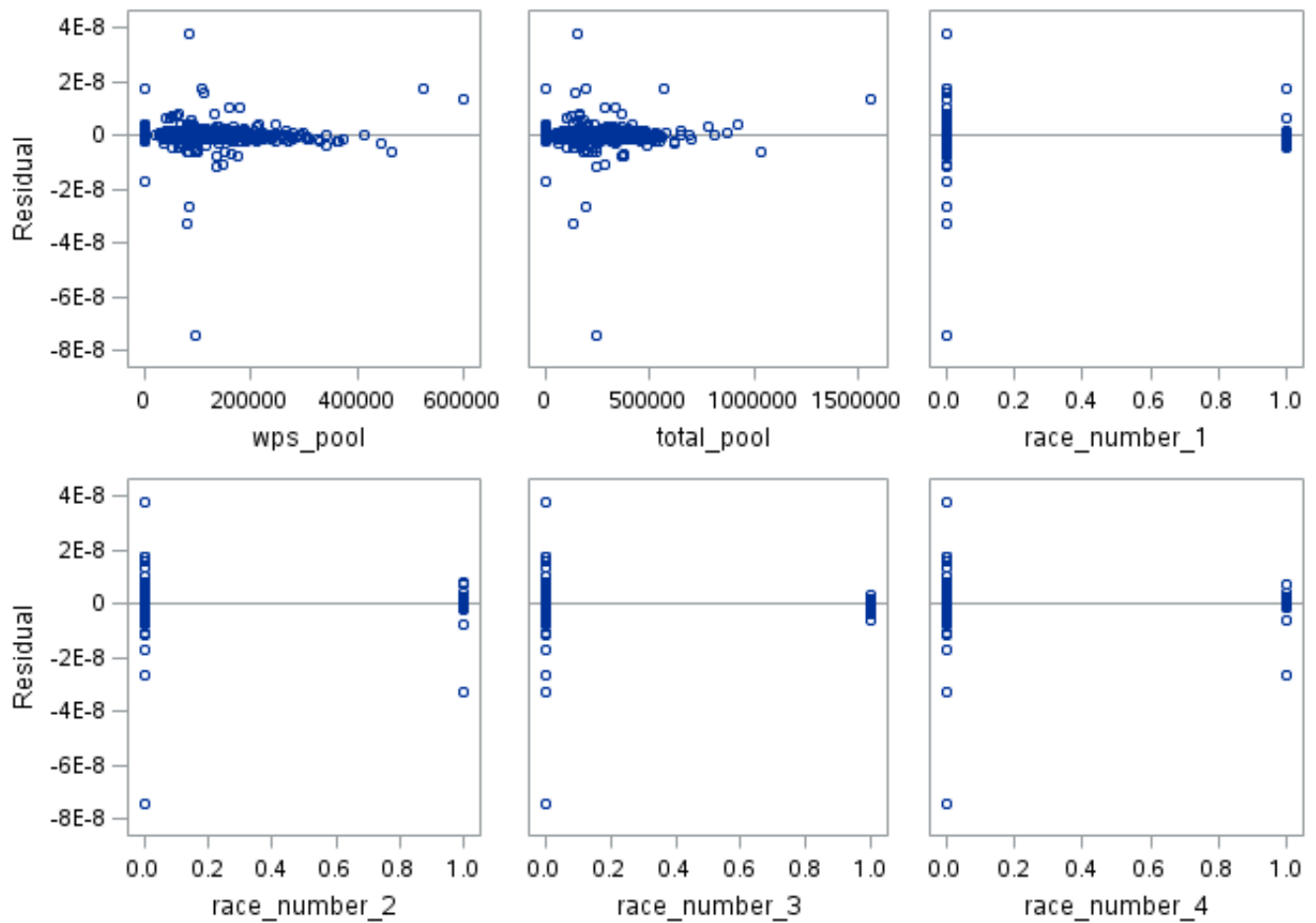
Linear Model for CRC Track using Development Dataset

The REG Procedure
Model: CRC_TRACK
Dependent Variable: handle

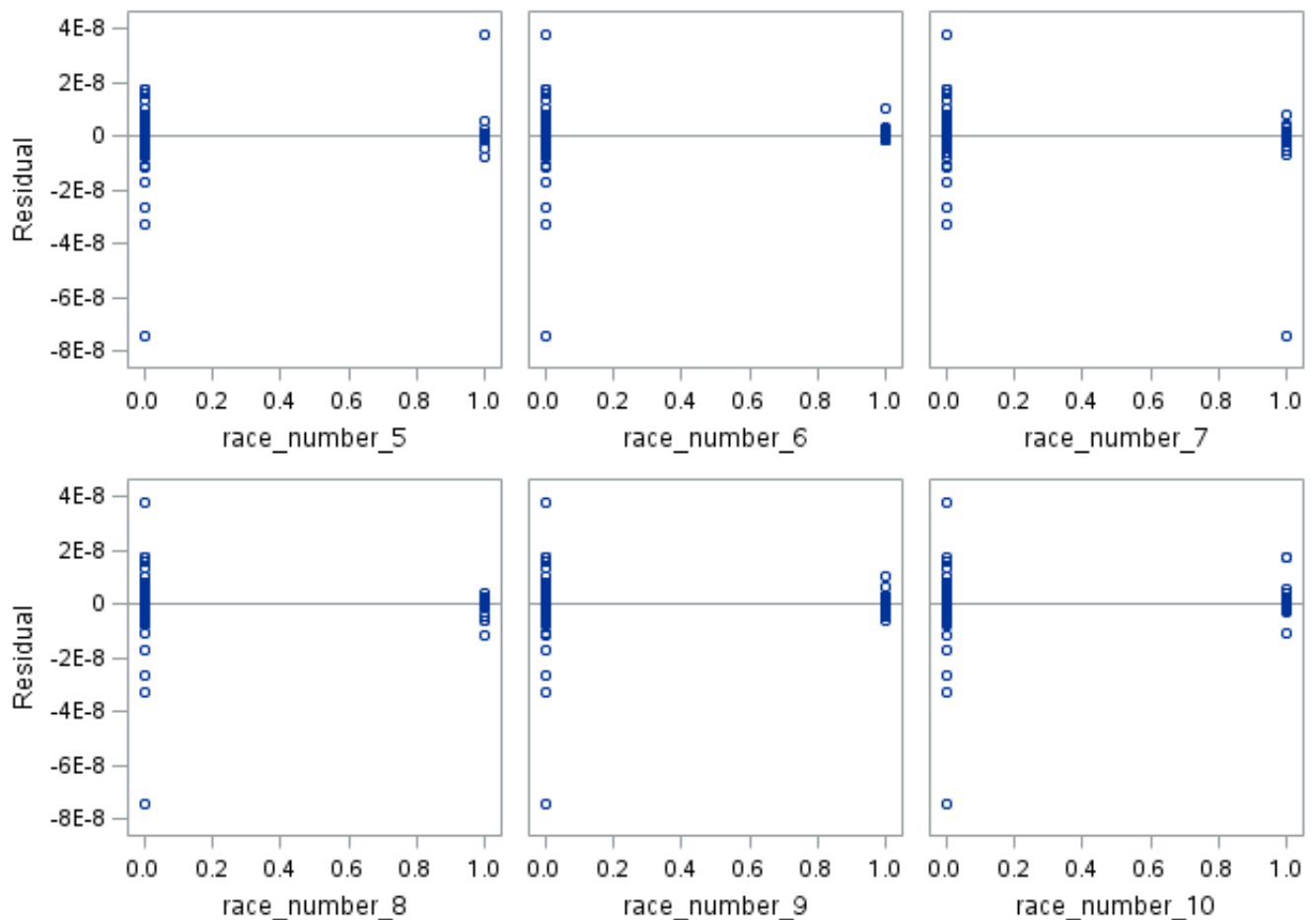
Fit Diagnostics for handle



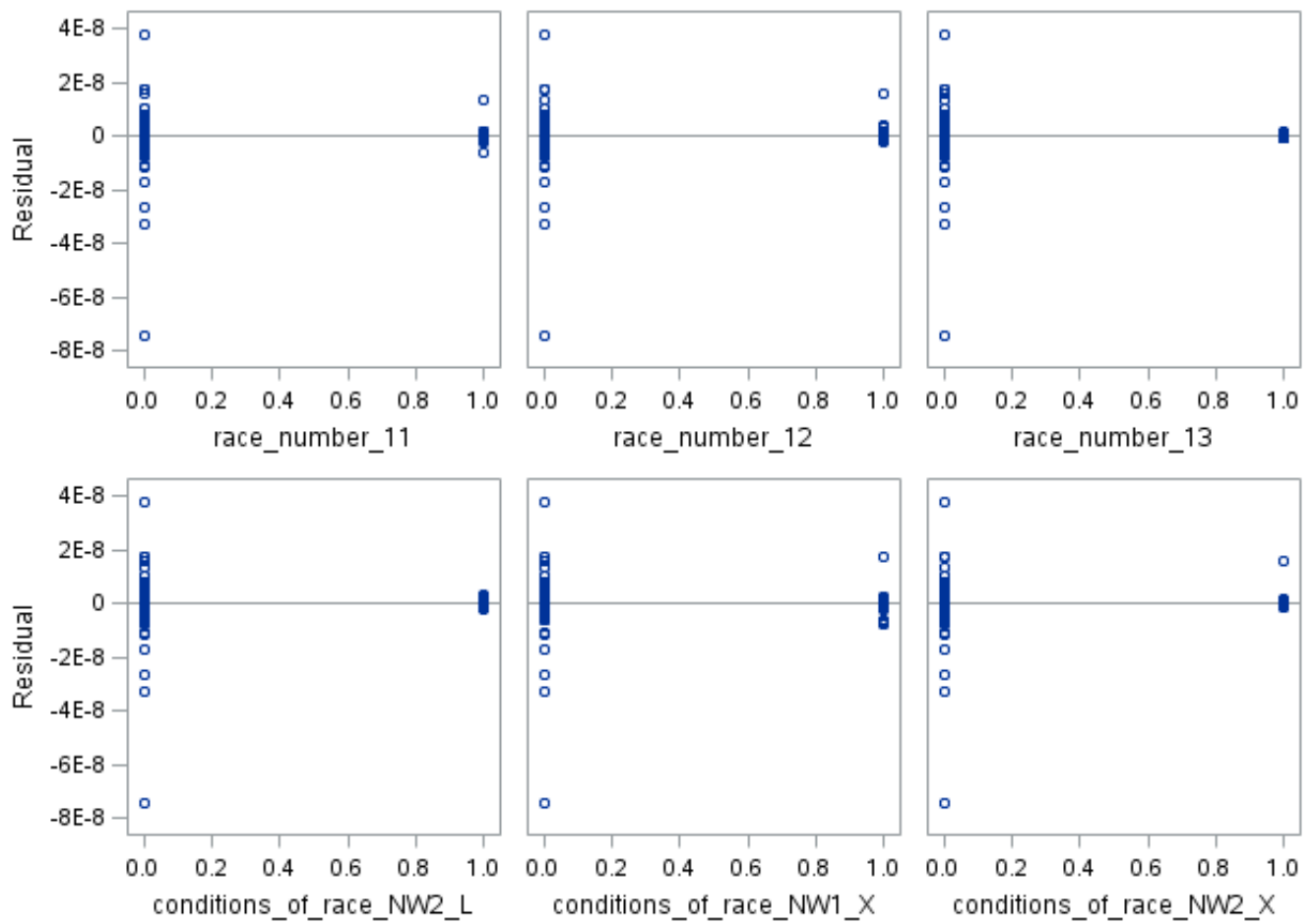
Residual by Regressors for handle



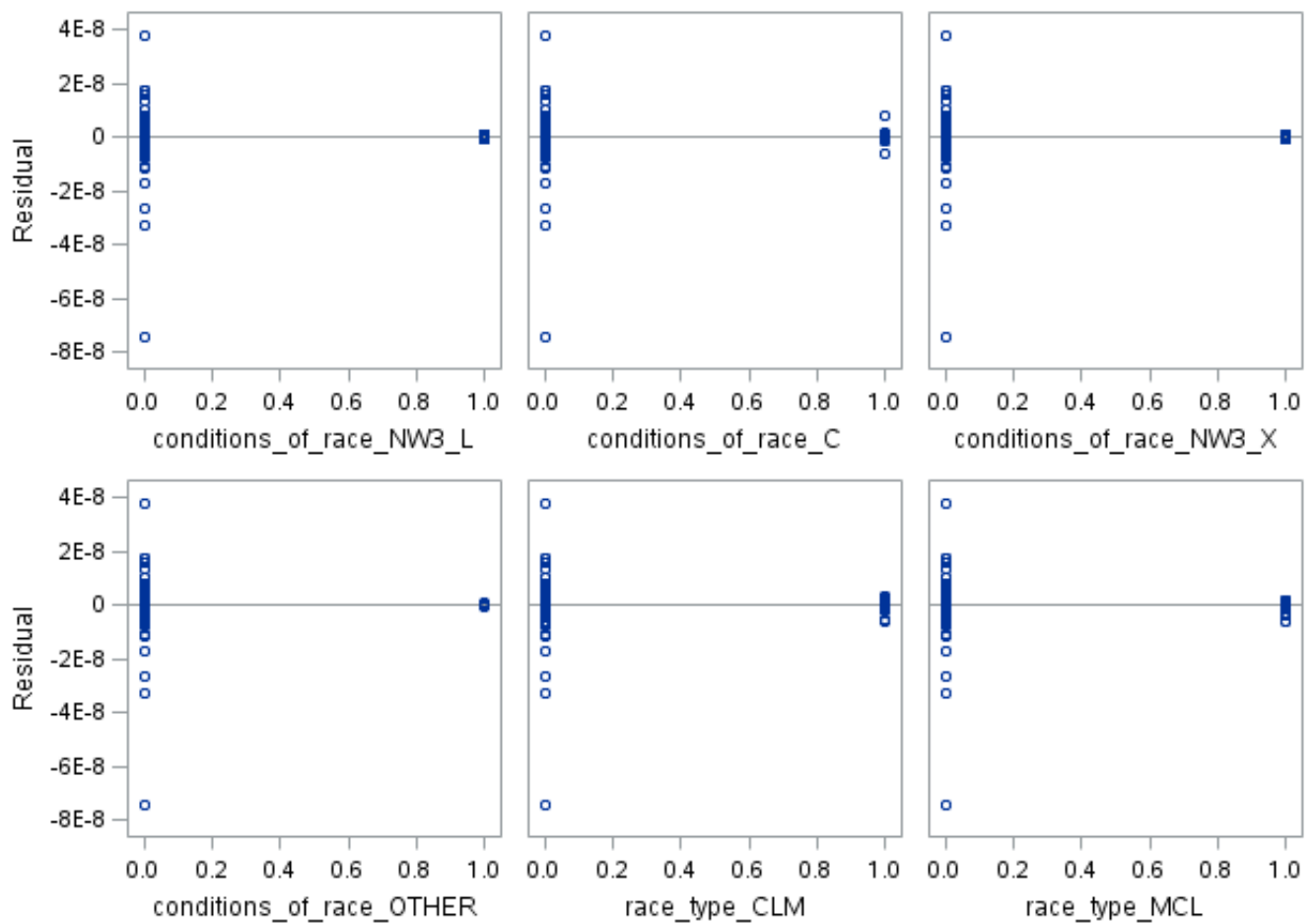
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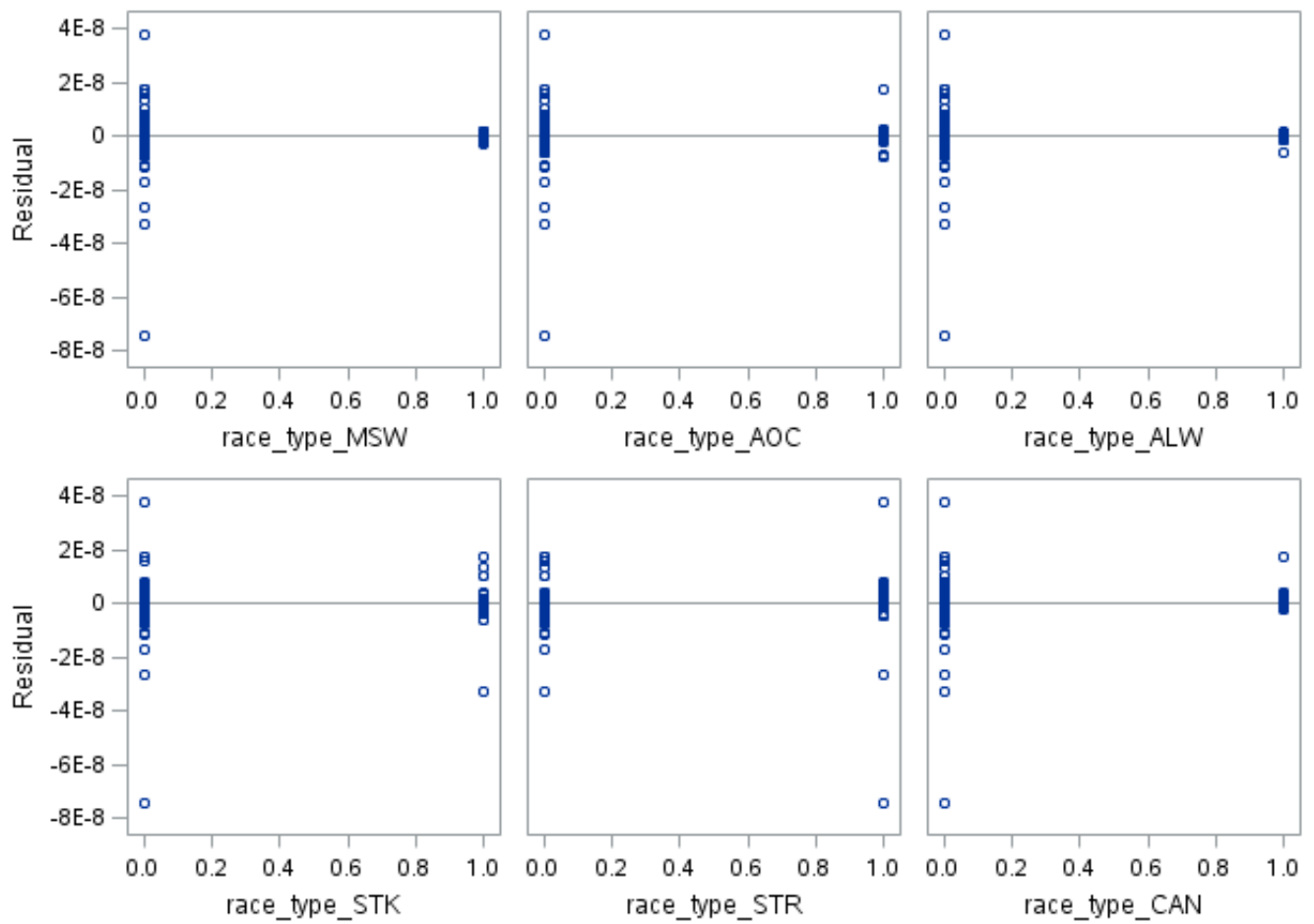
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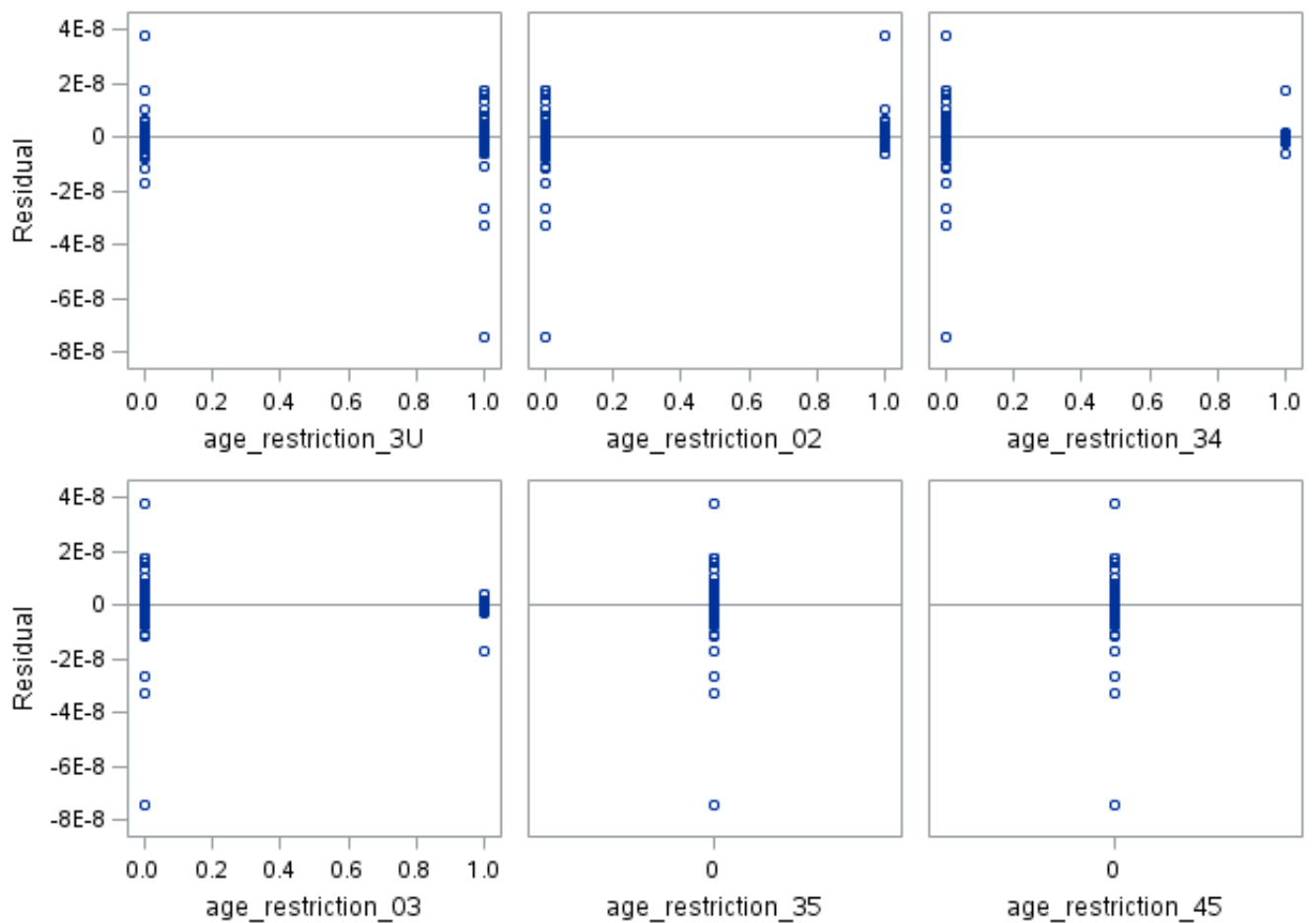
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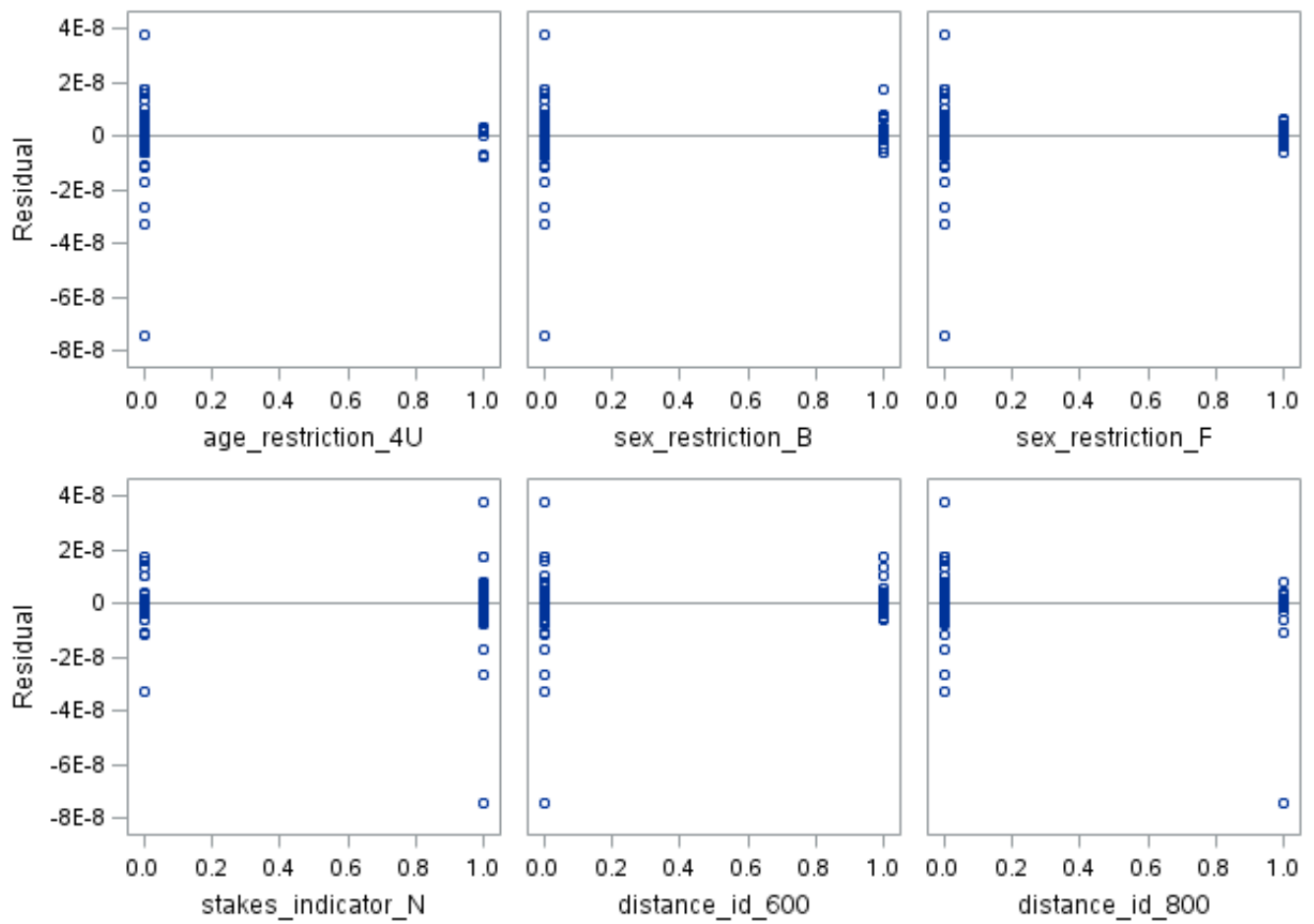
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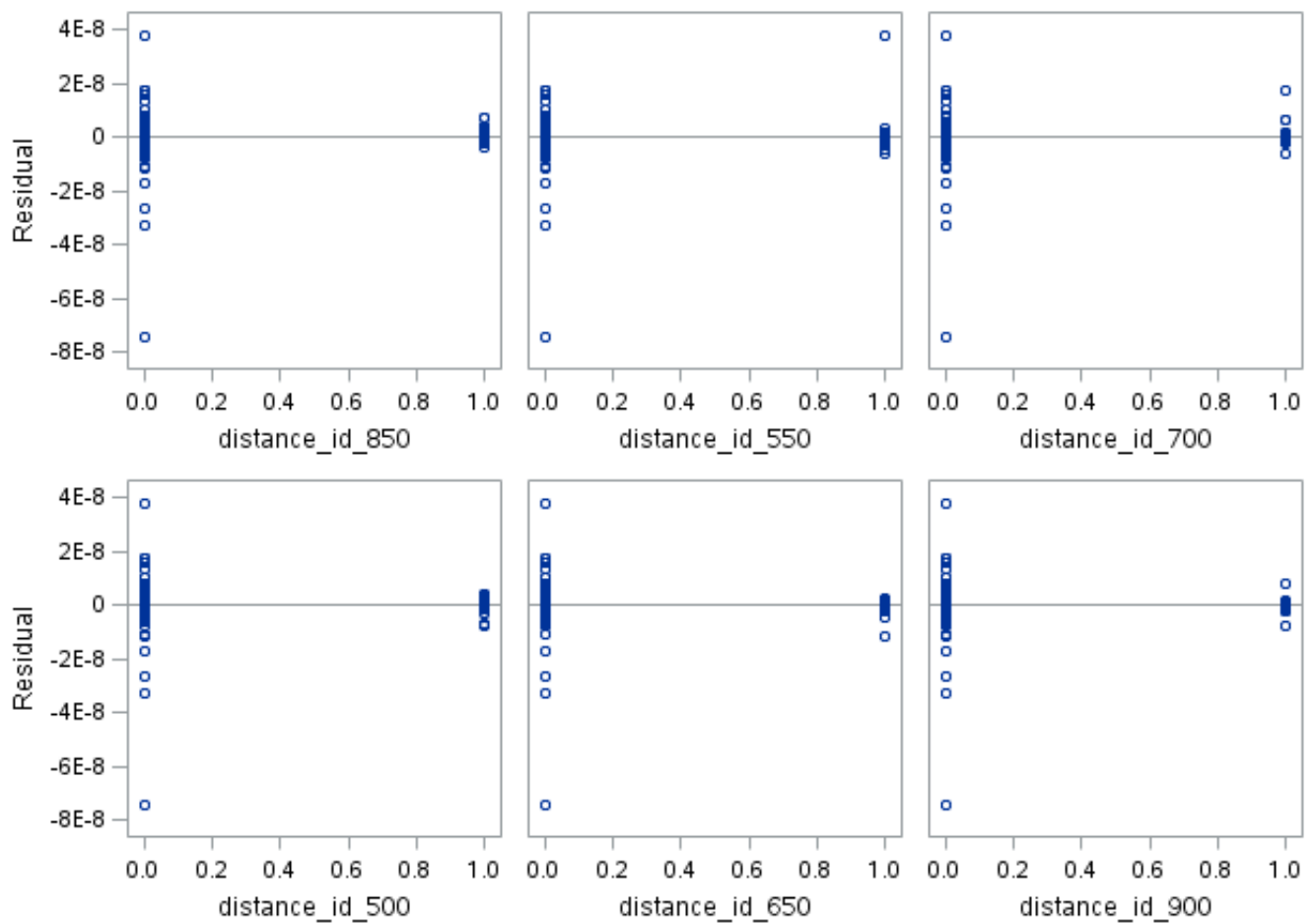
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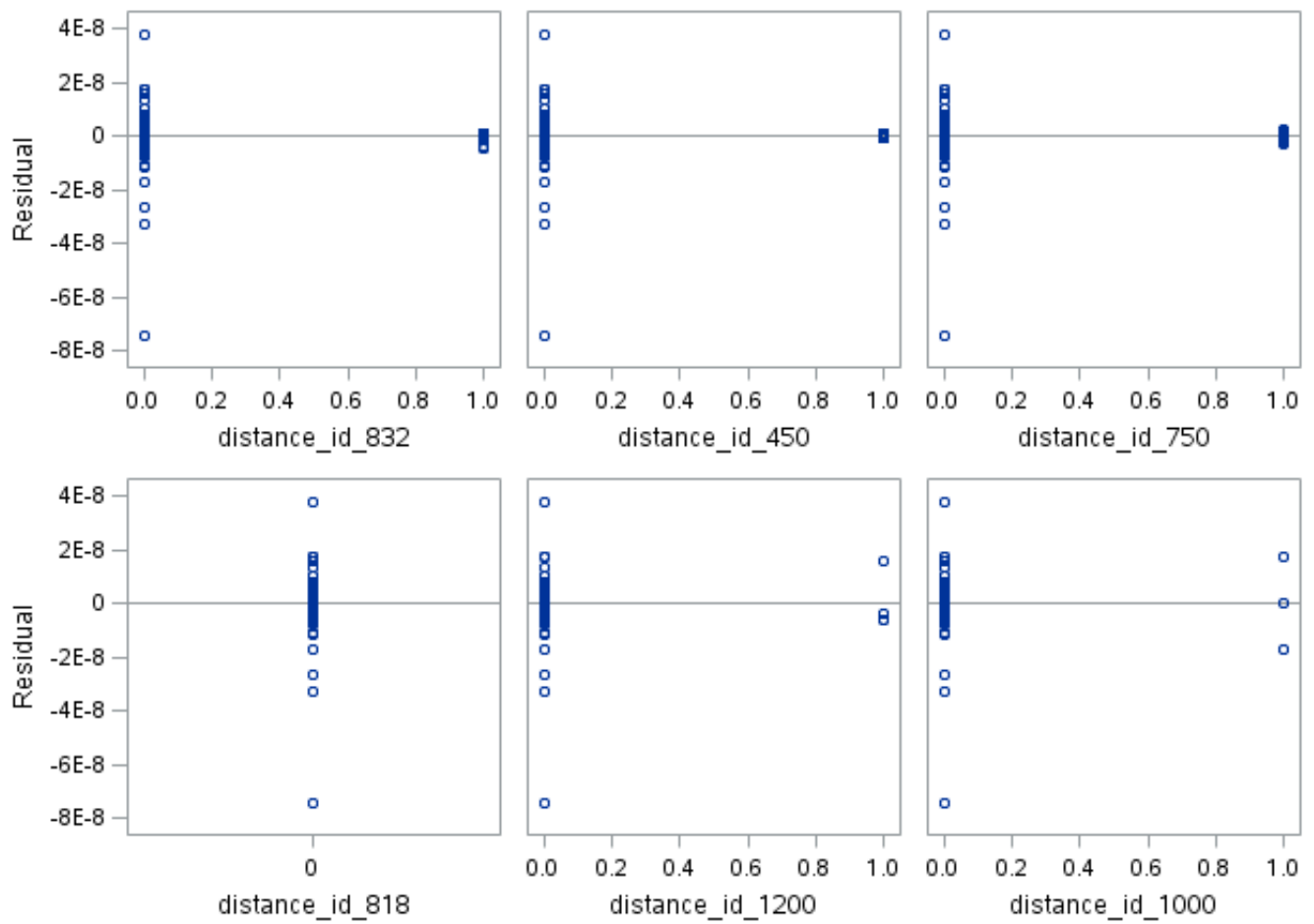
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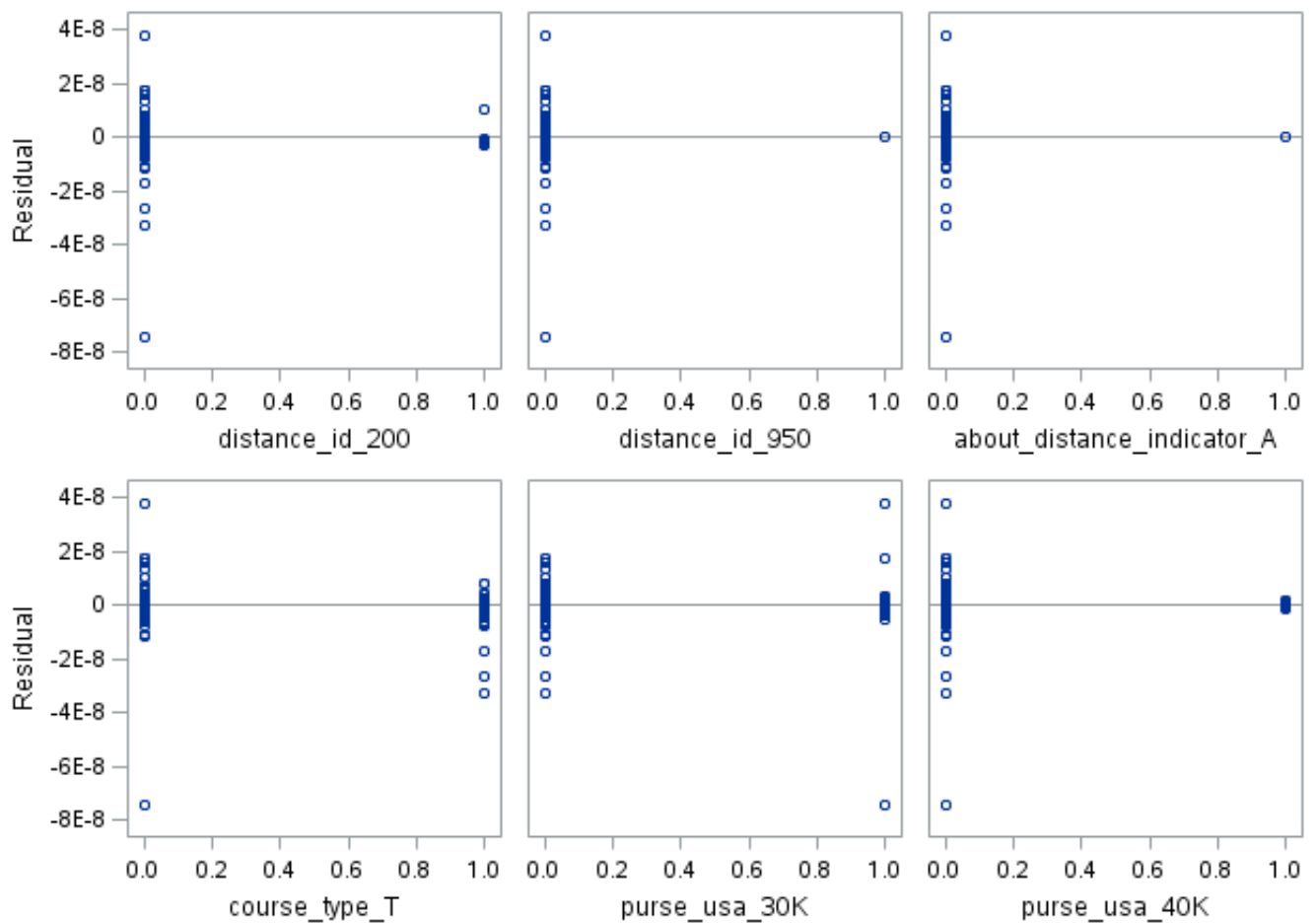
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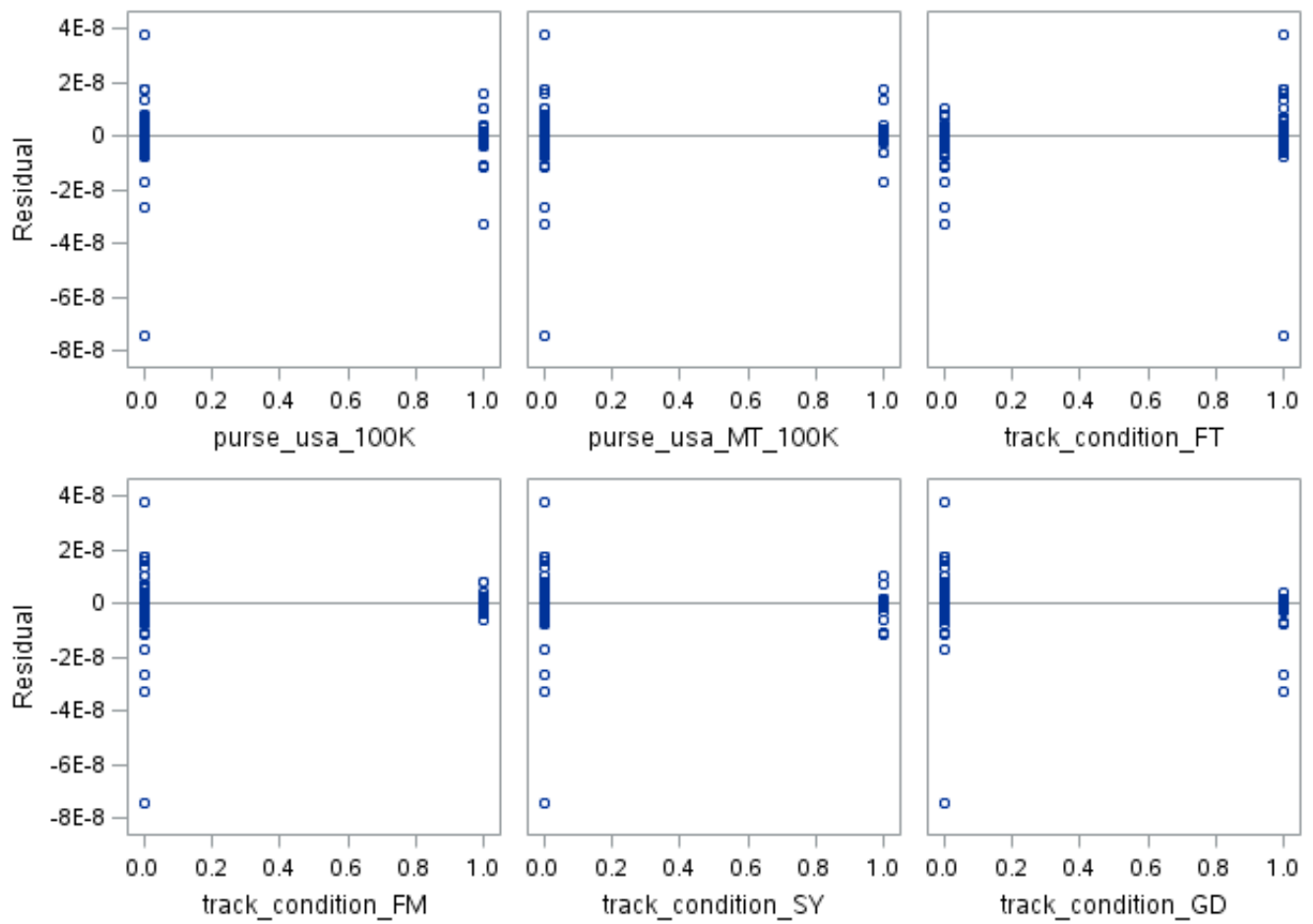
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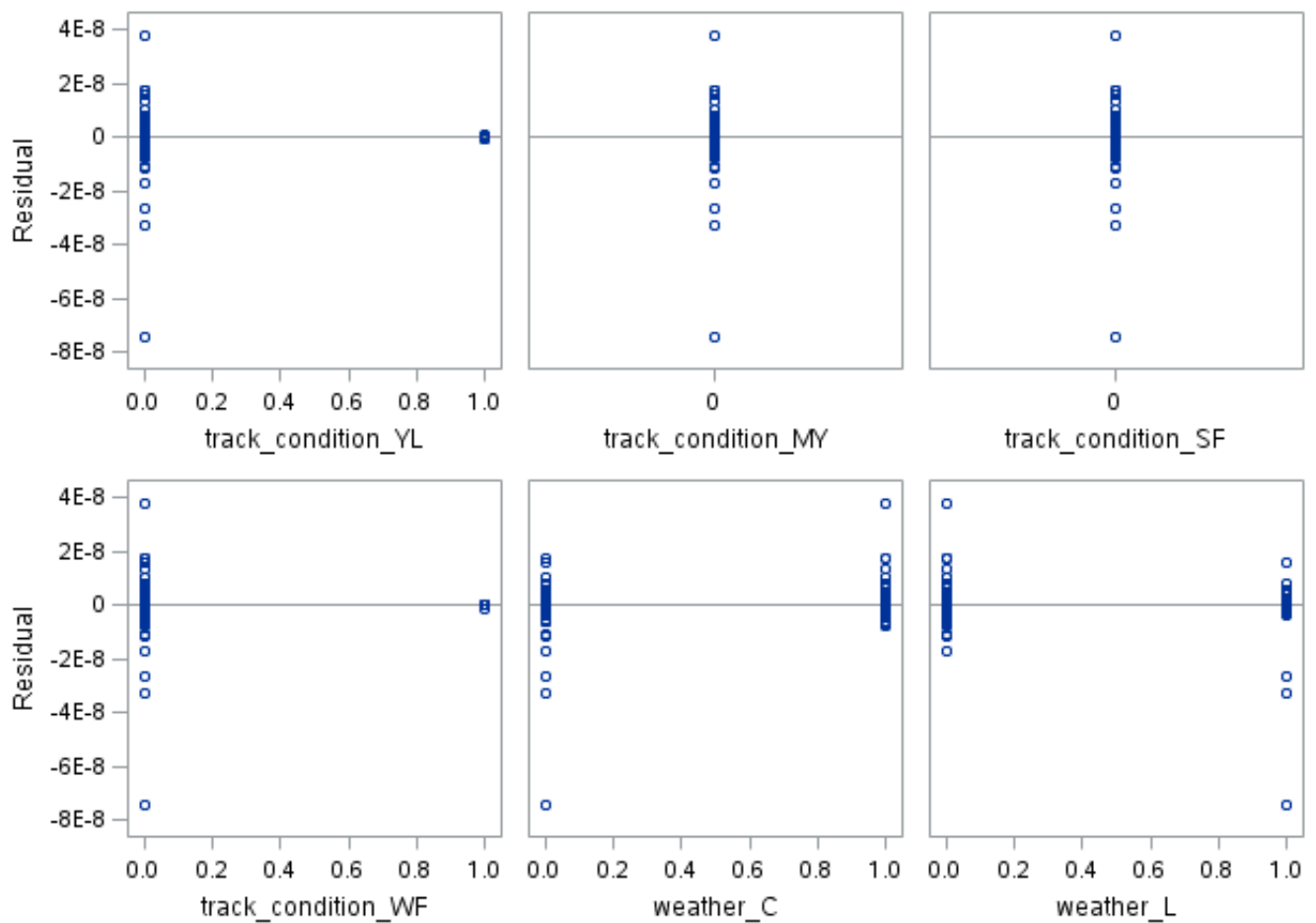
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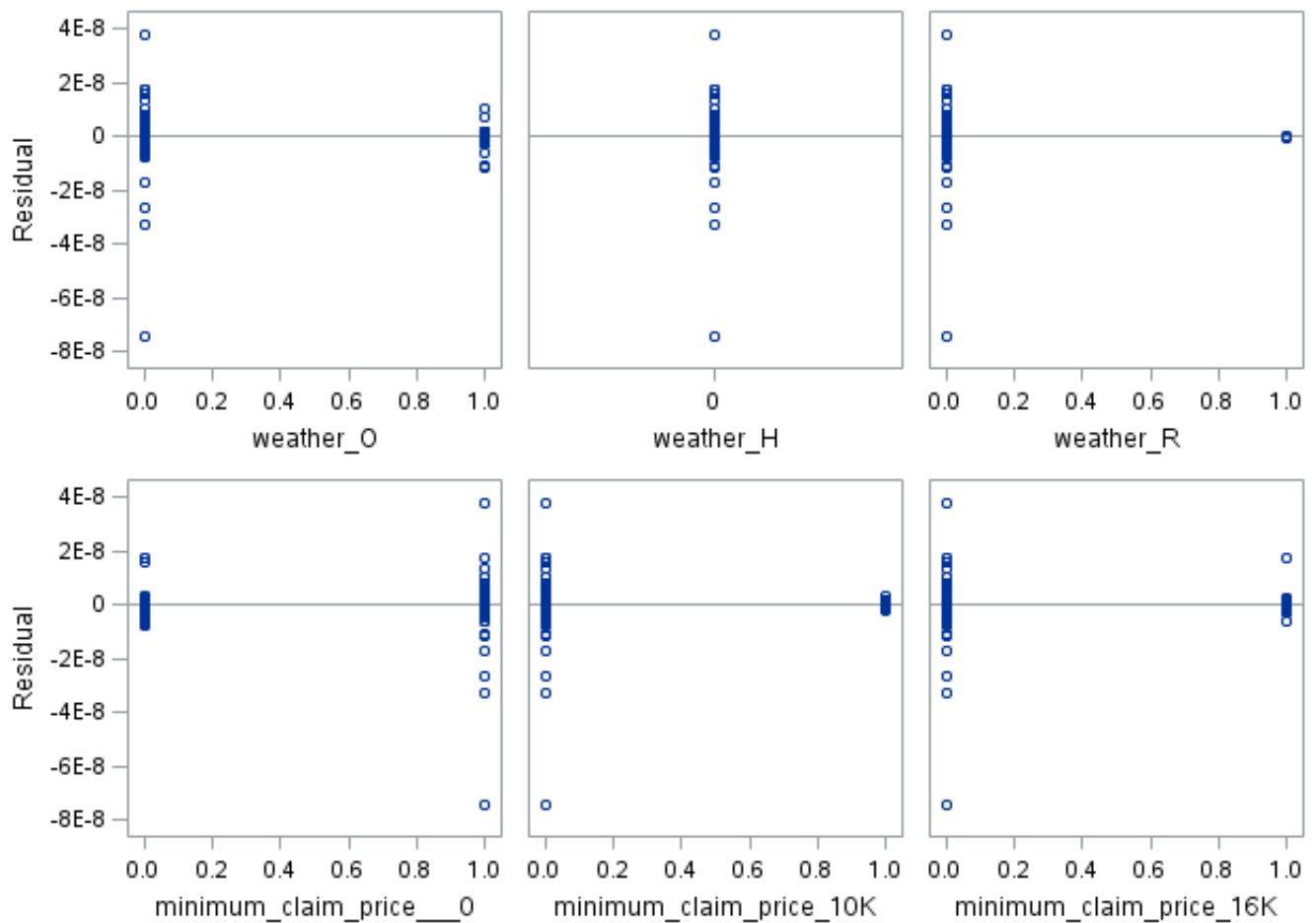
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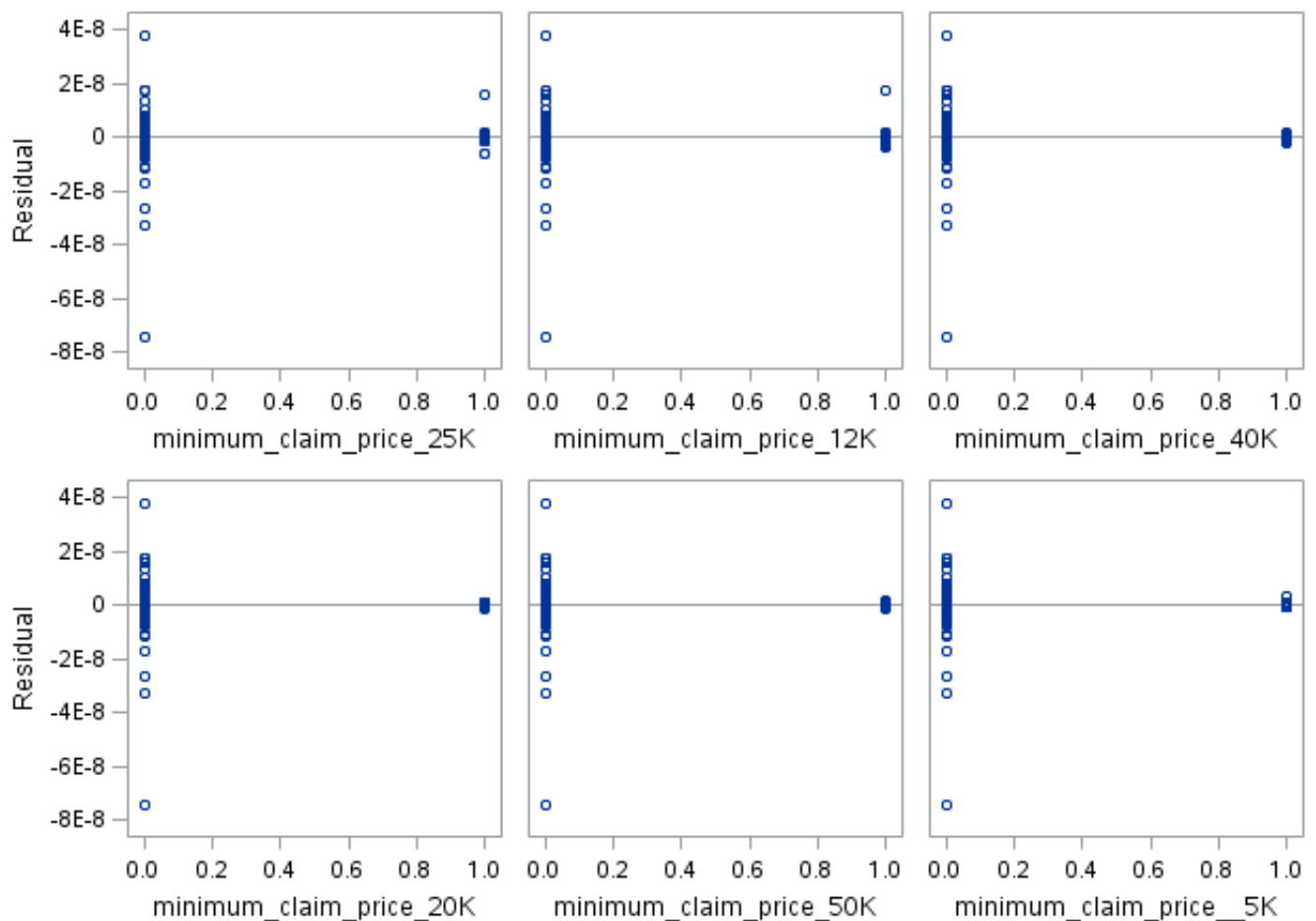
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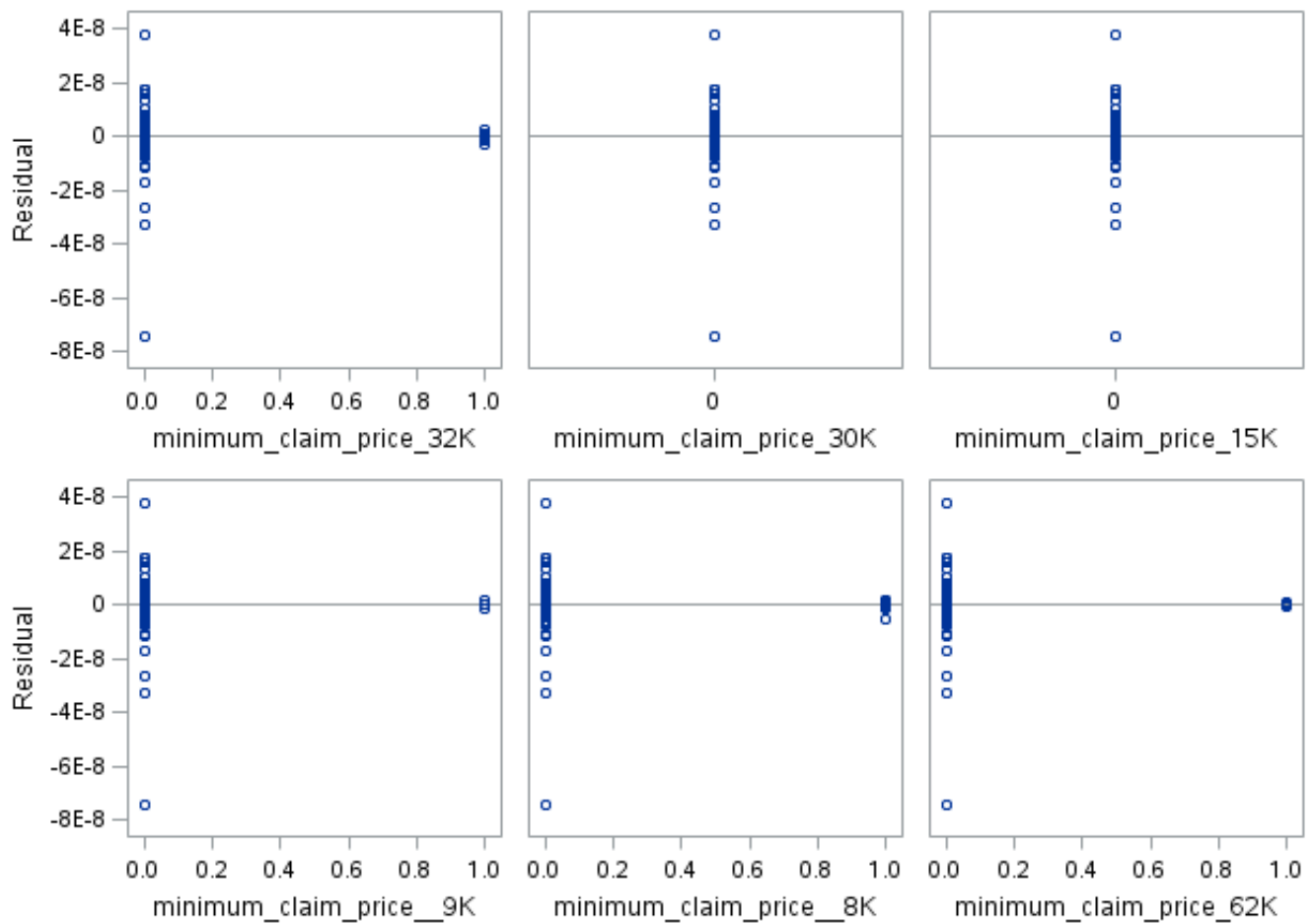
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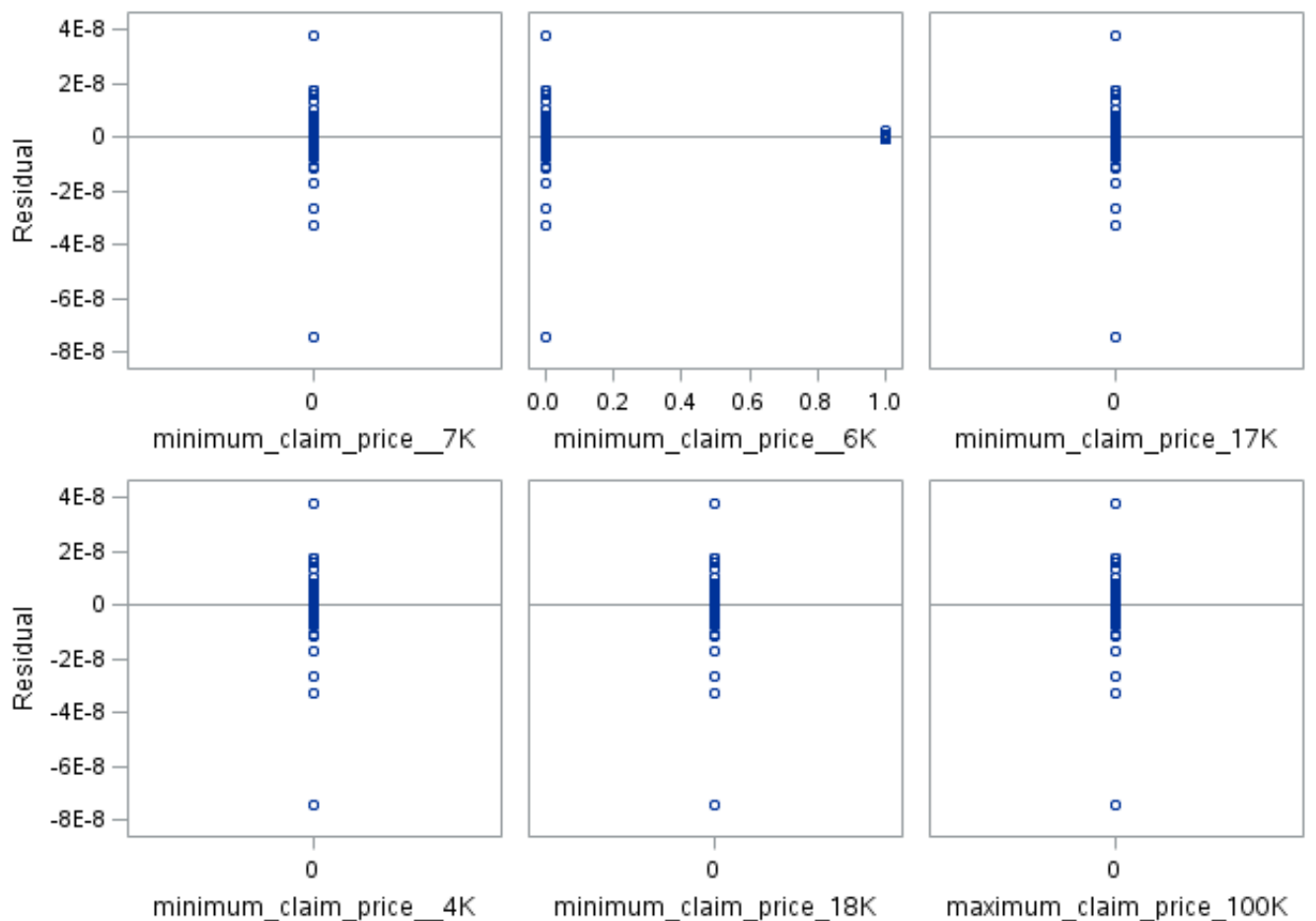
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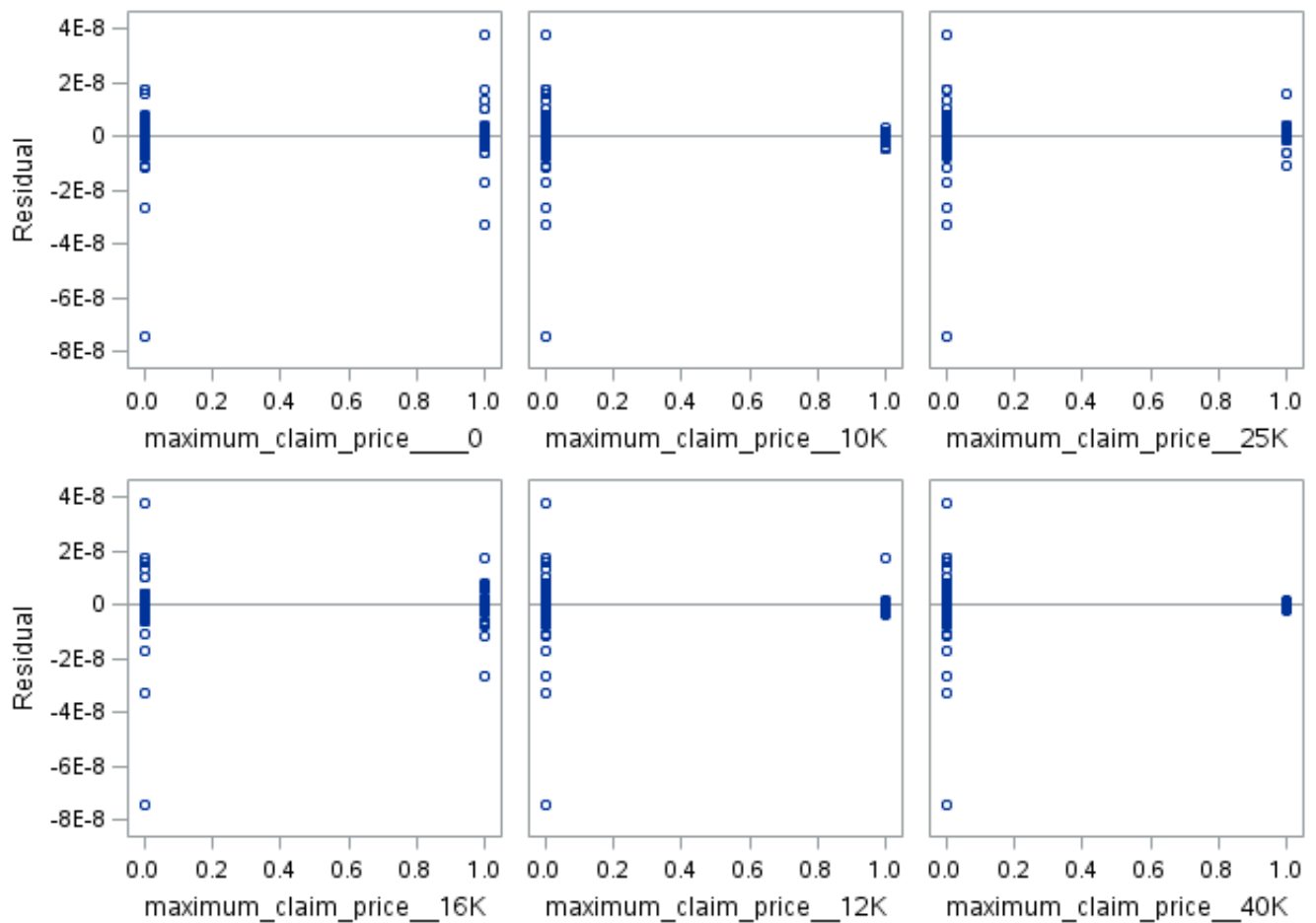
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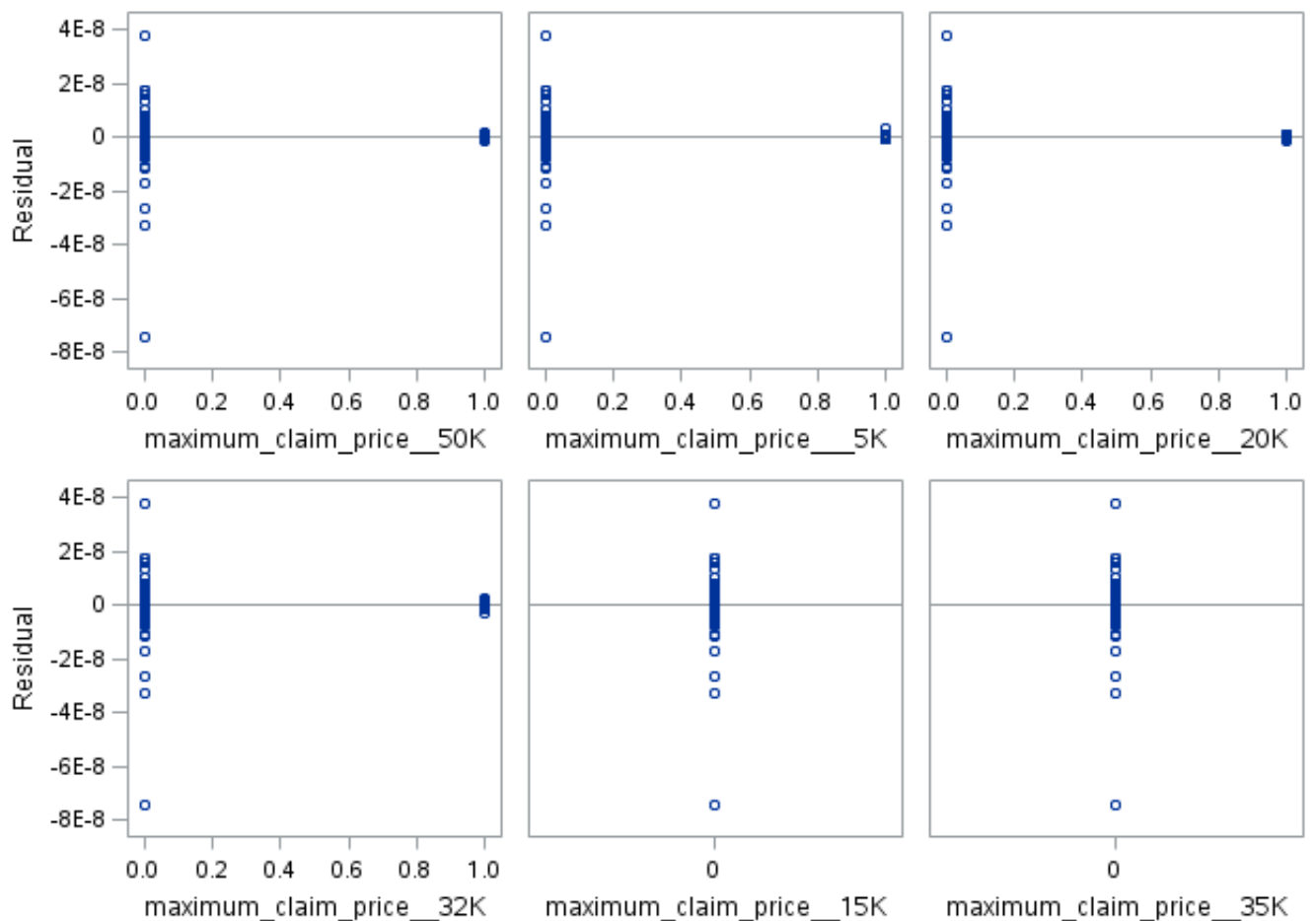
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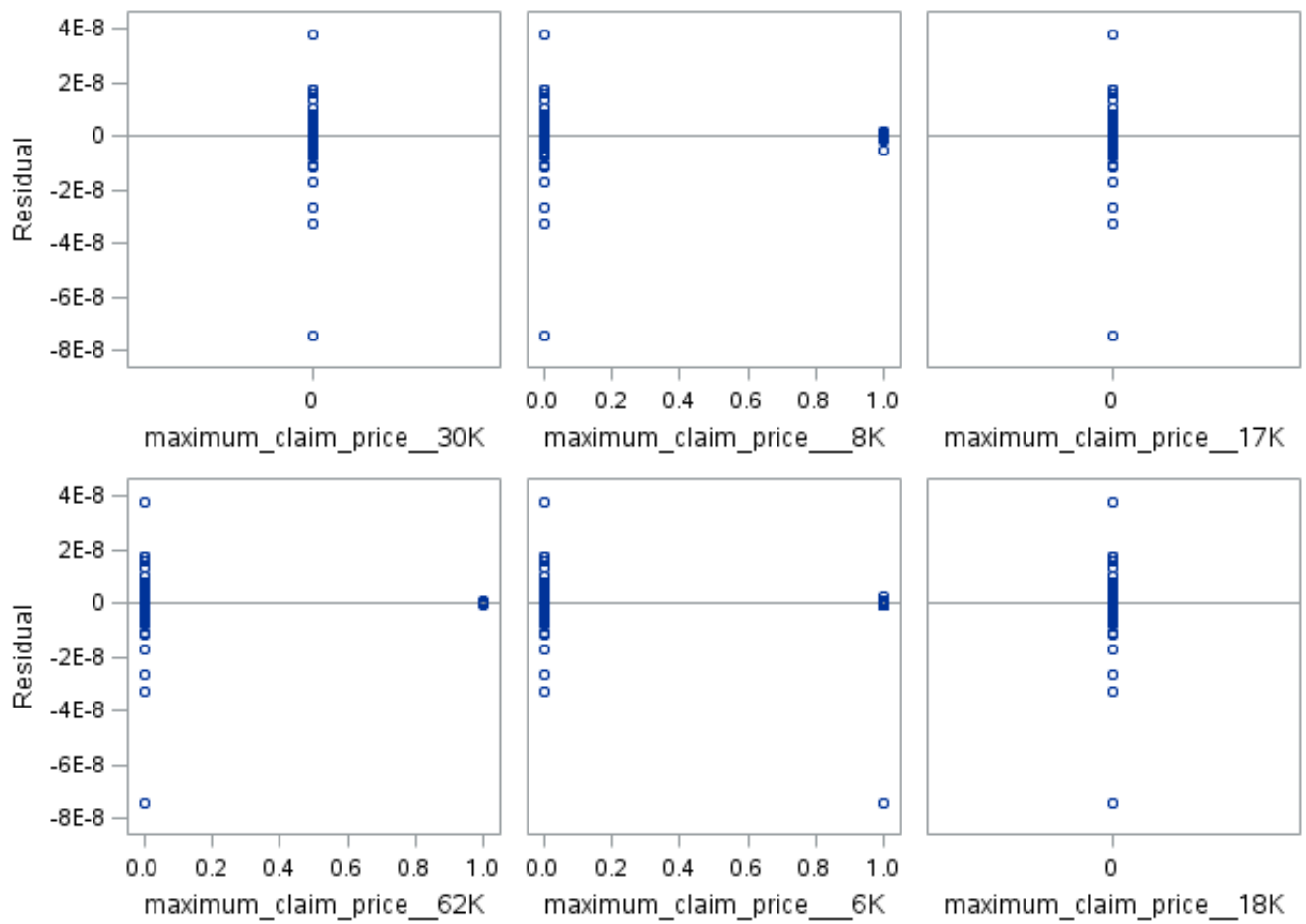
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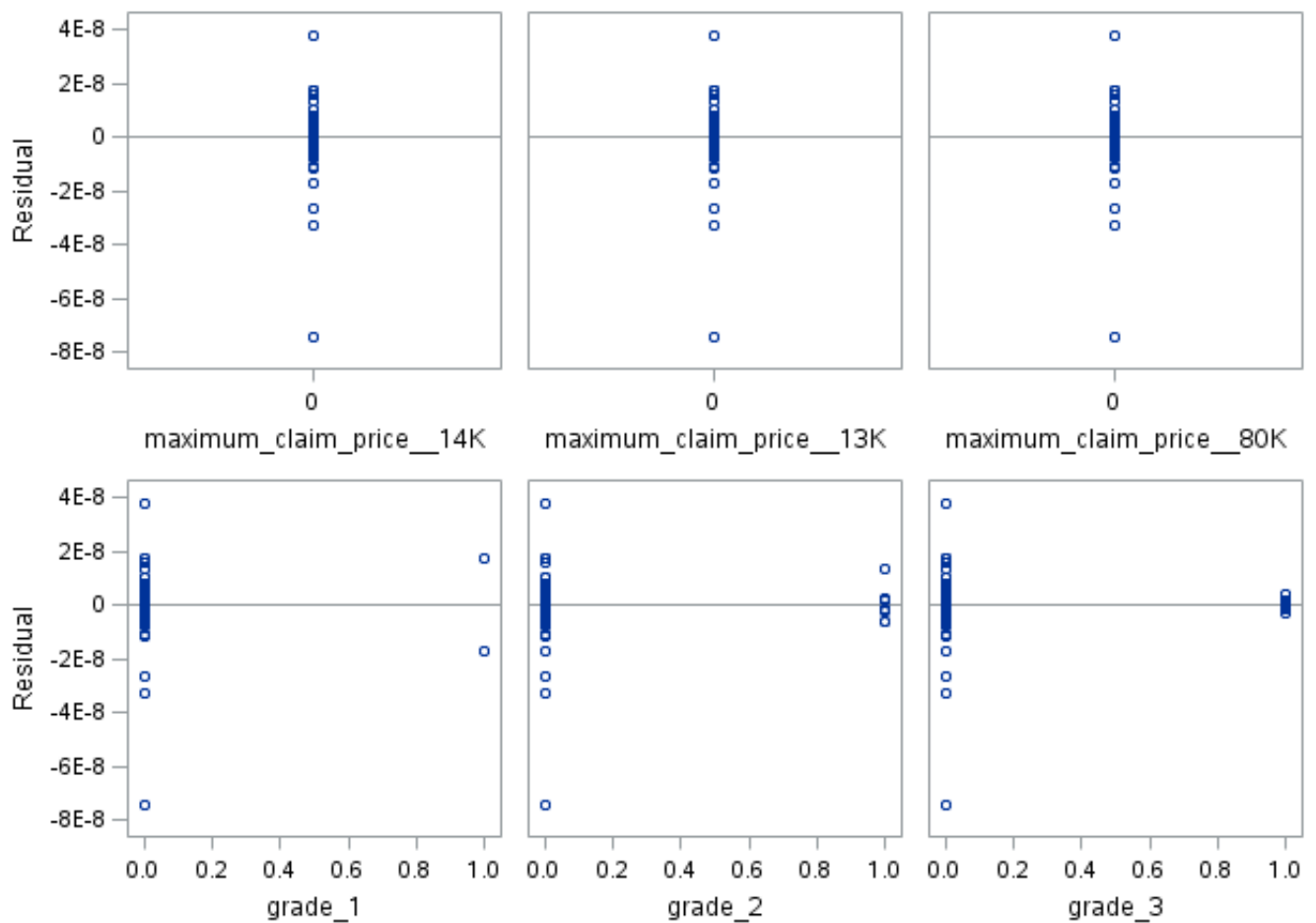
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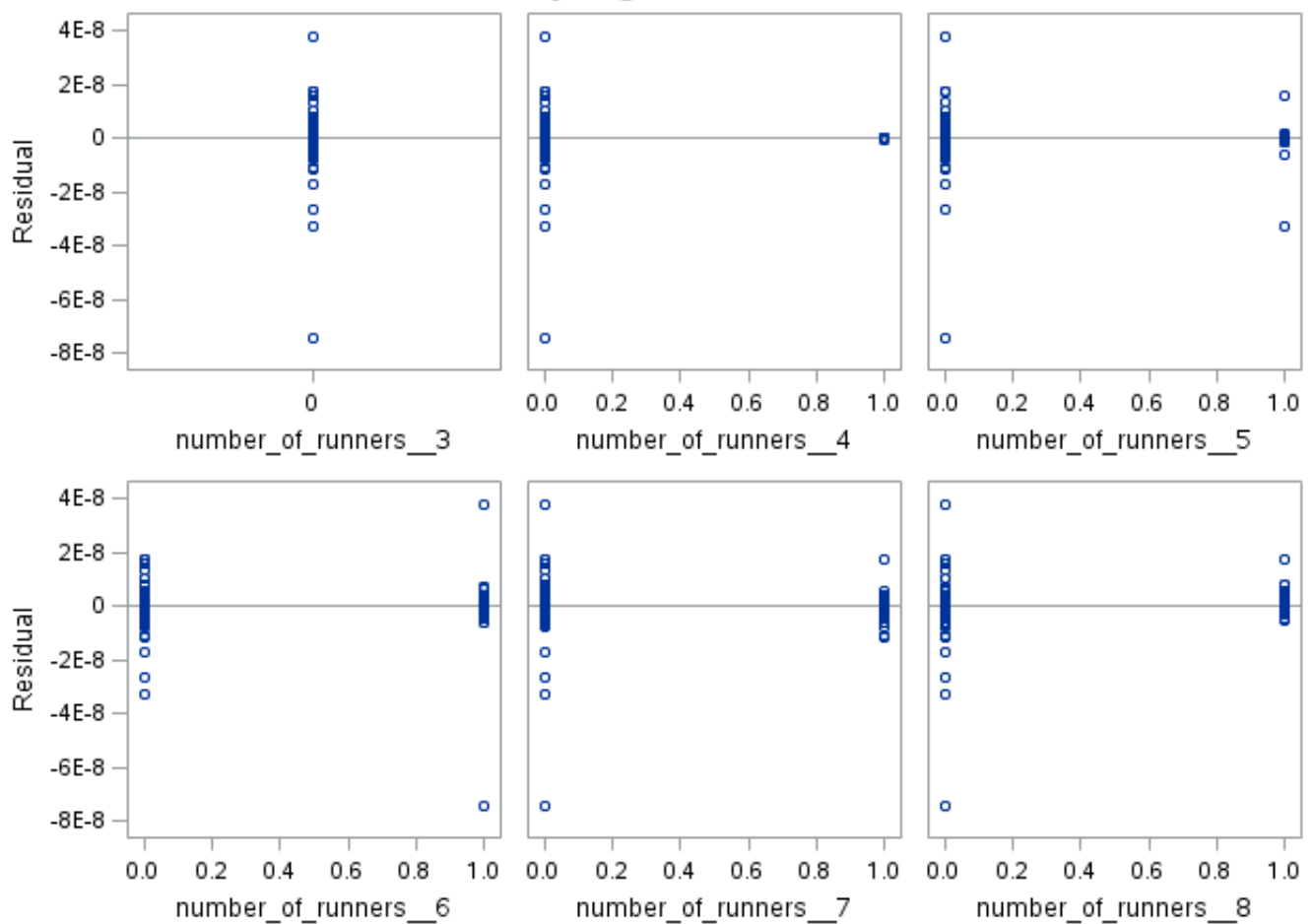
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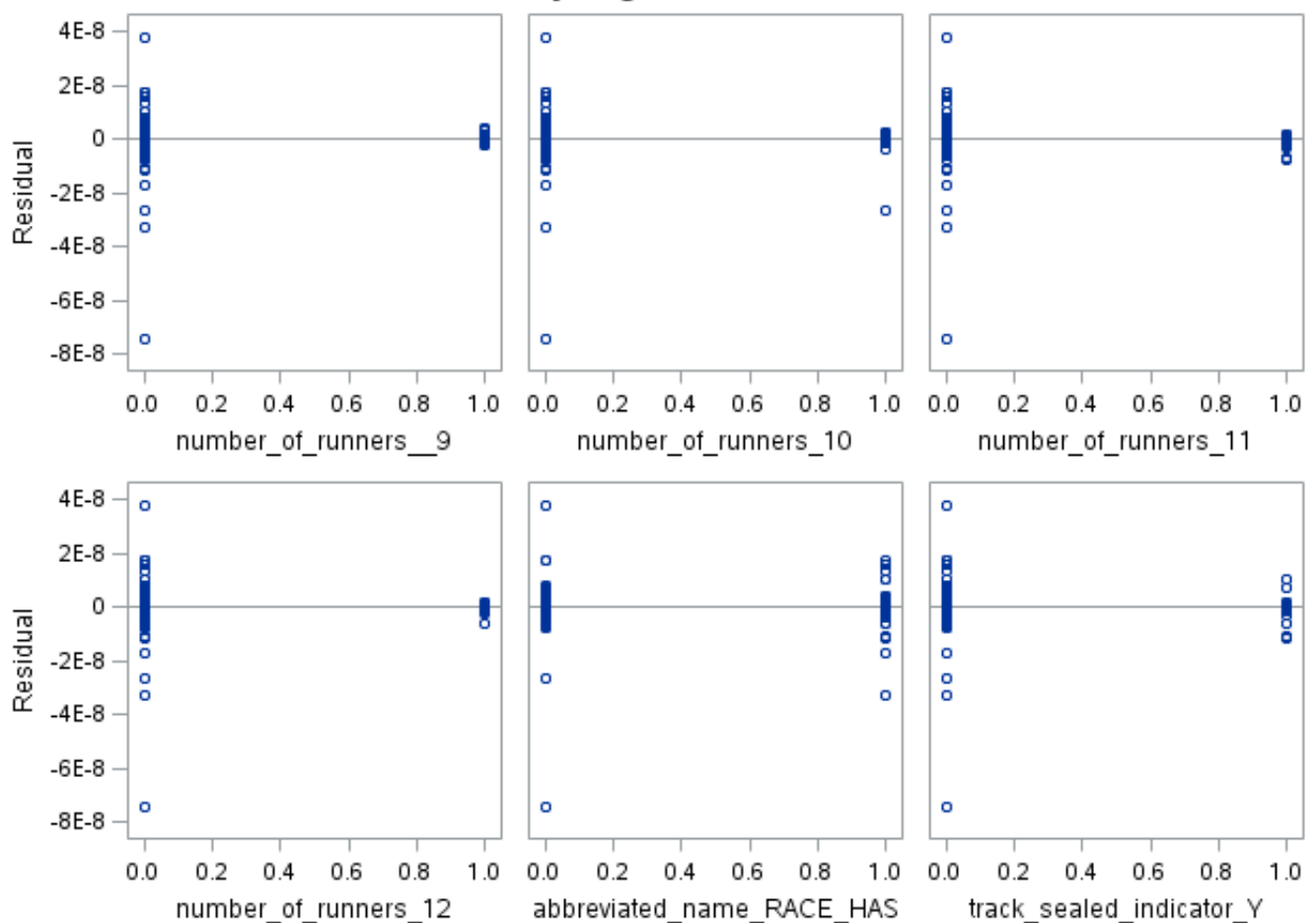
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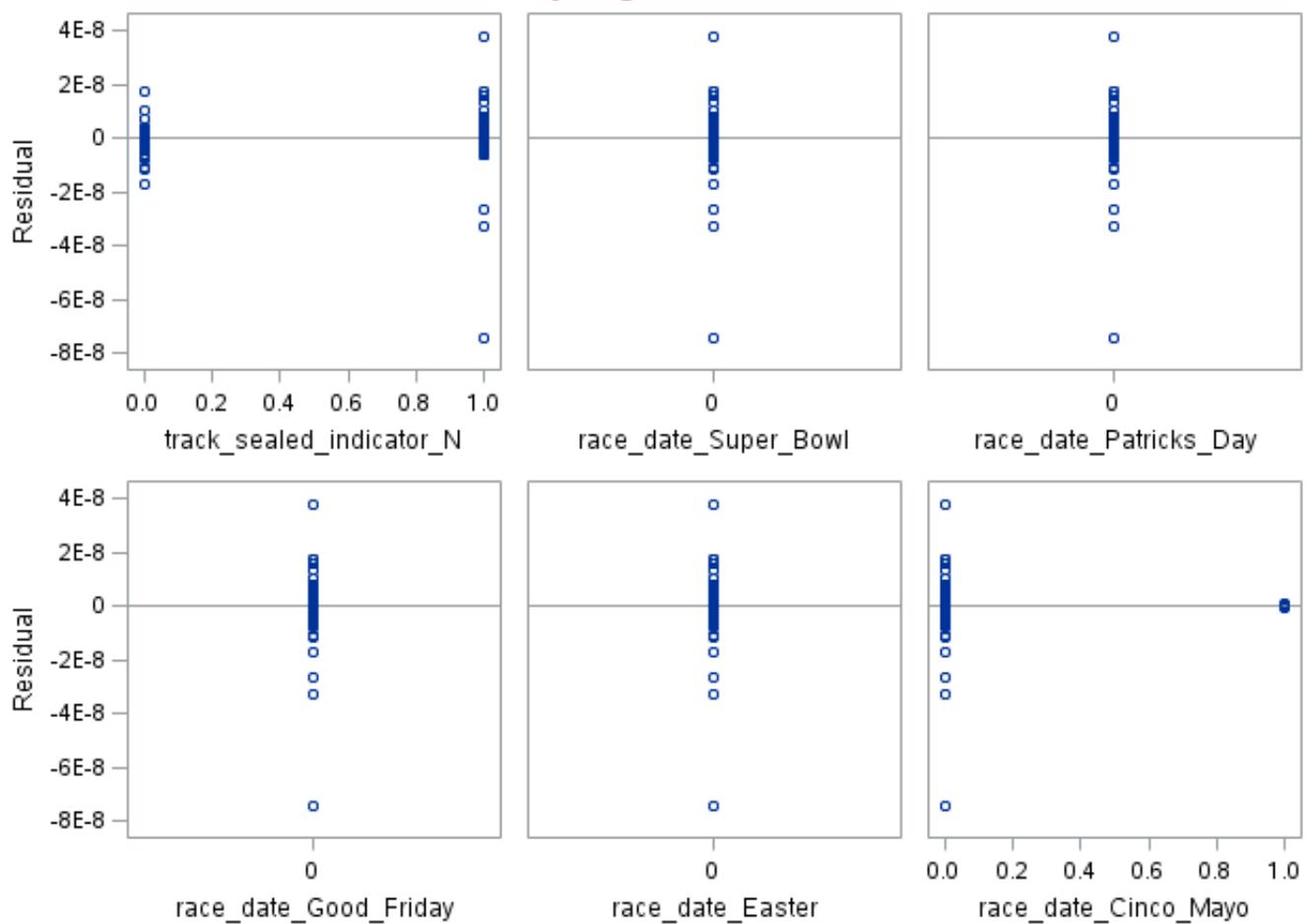
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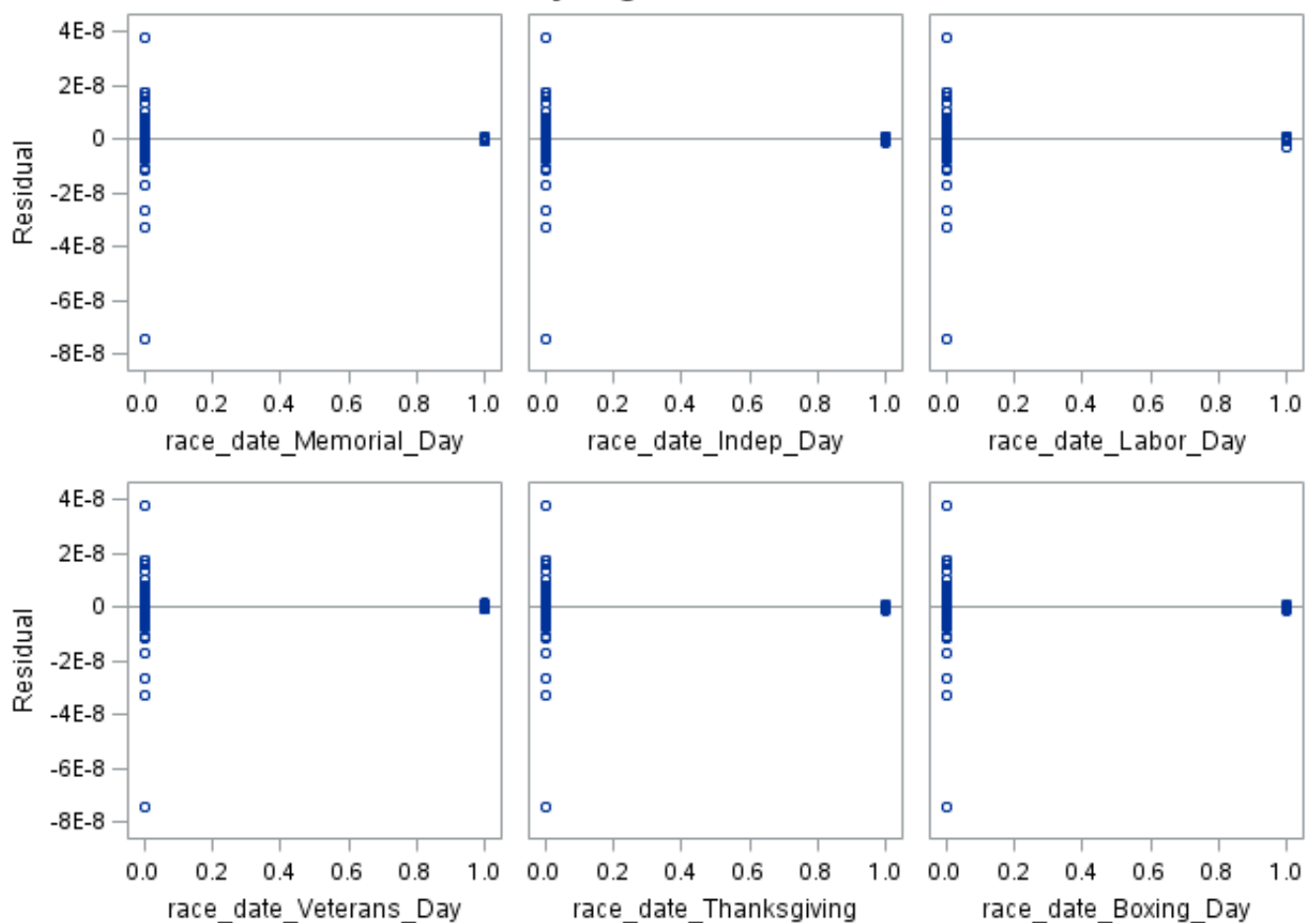
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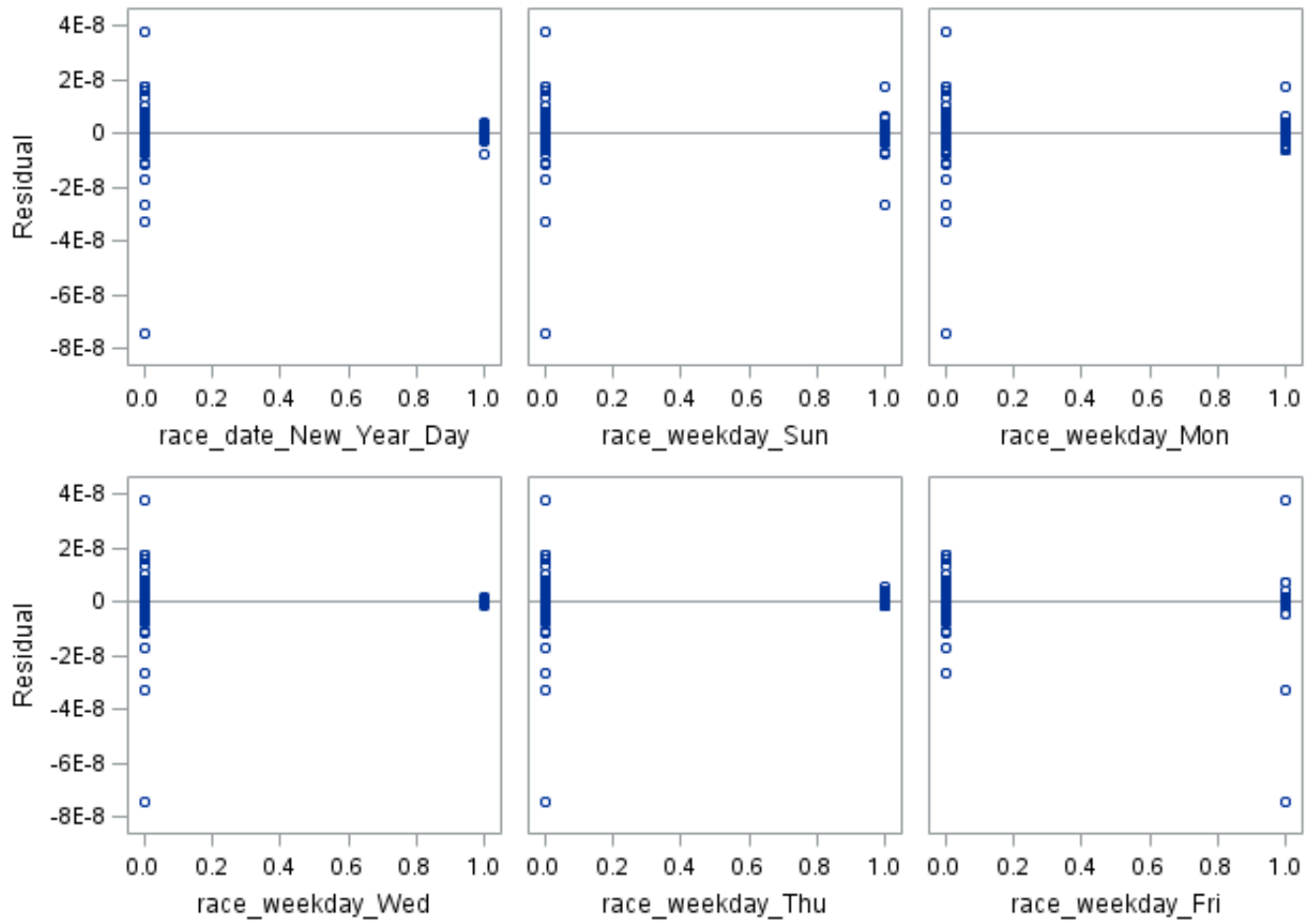
Residual by Regressors for handle



Residual by Regressors for handle



Residual by Regressors for handle



Residual by Regressors for handle

