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	89	1.343038E14	1.509032E12	113.54	<.0001
Error	4295	5.708252E13	13290458134		
Corrected Total	4384	1.913864E14			

Root MSE	115284	R-Square	0.7017
Dependent Mean	346952	Adj R-Sq	0.6956
Coeff Var	33.22769		

Parameter Estimates

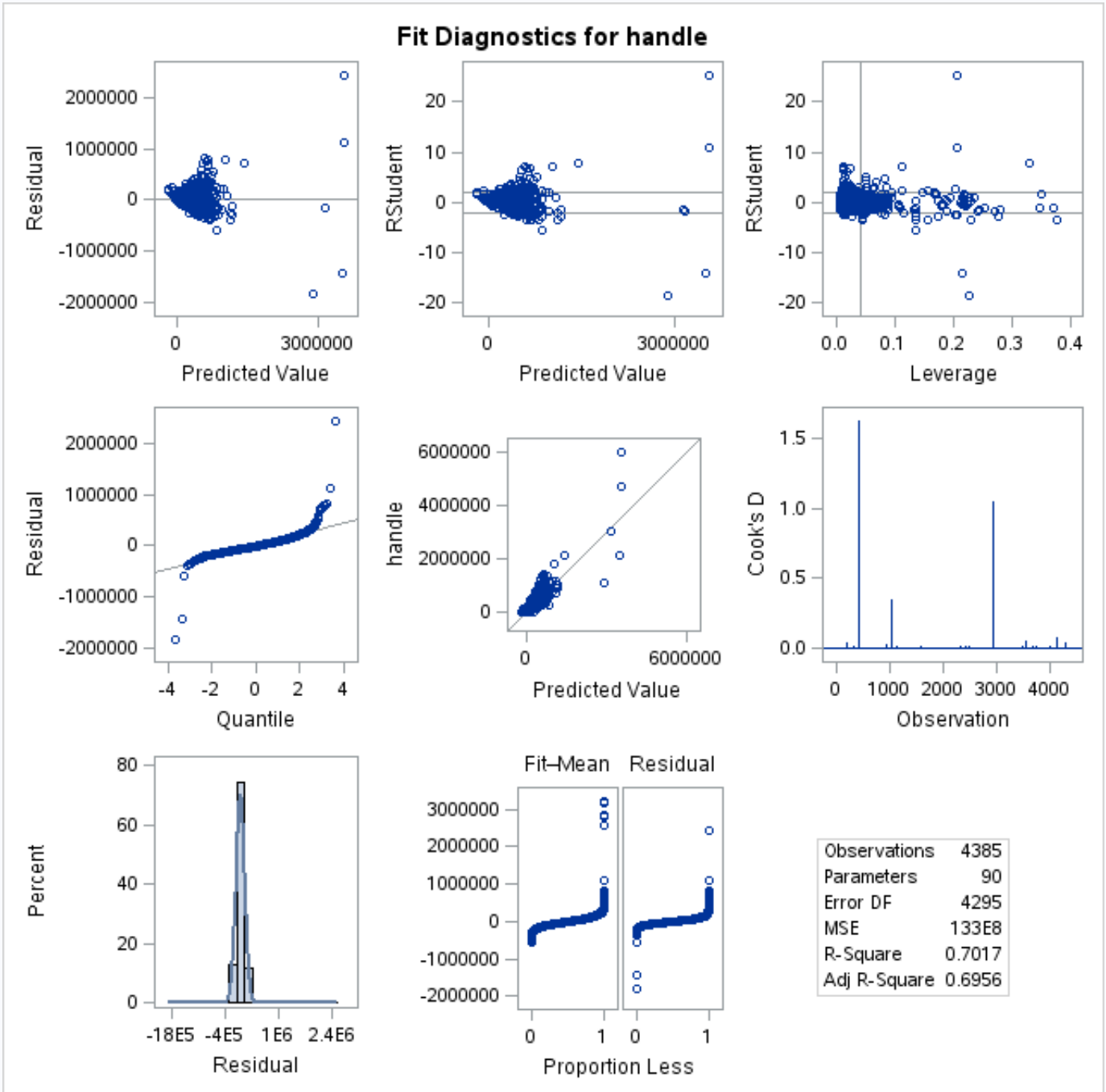
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	737772	88016	8.38	<.0001
track_id_AP	1	57092	9240.83708	6.18	<.0001
track_id_CRC	1	-94629	9063.64357	-10.44	<.0001
race_number_2	1	61074	8013.04116	7.62	<.0001
race_number_3	1	67046	7952.33475	8.43	<.0001
race_number_4	1	72752	8343.95834	8.72	<.0001
race_number_5	1	92725	8274.39390	11.21	<.0001
race_number_6	1	98968	8334.17109	11.87	<.0001
race_number_7	1	100013	8531.06802	11.72	<.0001
race_number_8	1	80439	8639.51879	9.31	<.0001
race_number_9	1	128054	8497.13809	15.07	<.0001
race_number_10	1	123416	9571.01199	12.89	<.0001
race_number_11	1	123611	12014	10.29	<.0001
race_number_12	1	127667	15788	8.09	<.0001
race_number_13	1	75346	20777	3.63	0.0003
race_type_CLM	1	-54692	32126	-1.70	0.0887
race_type_MCL	1	-50084	32983	-1.52	0.1290
race_type_MSW	1	28650	14782	1.94	0.0527
race_type_AOC	1	-59133	32601	-1.81	0.0698
race_type_ALW	1	14417	13925	1.04	0.3006
race_type_STK	1	272208	41094	6.62	<.0001
race_type_CAN	1	-920105	66225	-13.89	<.0001
age_restriction_3U	1	-27676	11035	-2.51	0.0122
age_restriction_02	1	-19042	14068	-1.35	0.1759
age_restriction_34	1	-38299	15061	-2.54	0.0110
age_restriction_03	1	-19435	11972	-1.62	0.1046
age_restriction_35	1	-24905	19124	-1.30	0.1929
age_restriction_45	1	-39580	24958	-1.59	0.1128
sex_restriction_B	1	-13103	4863.66072	-2.69	0.0071
sex_restriction_F	1	-11123	5364.82306	-2.07	0.0382
distance_id_600	1	274974	46401	5.93	<.0001
distance_id_800	1	267726	46403	5.77	<.0001

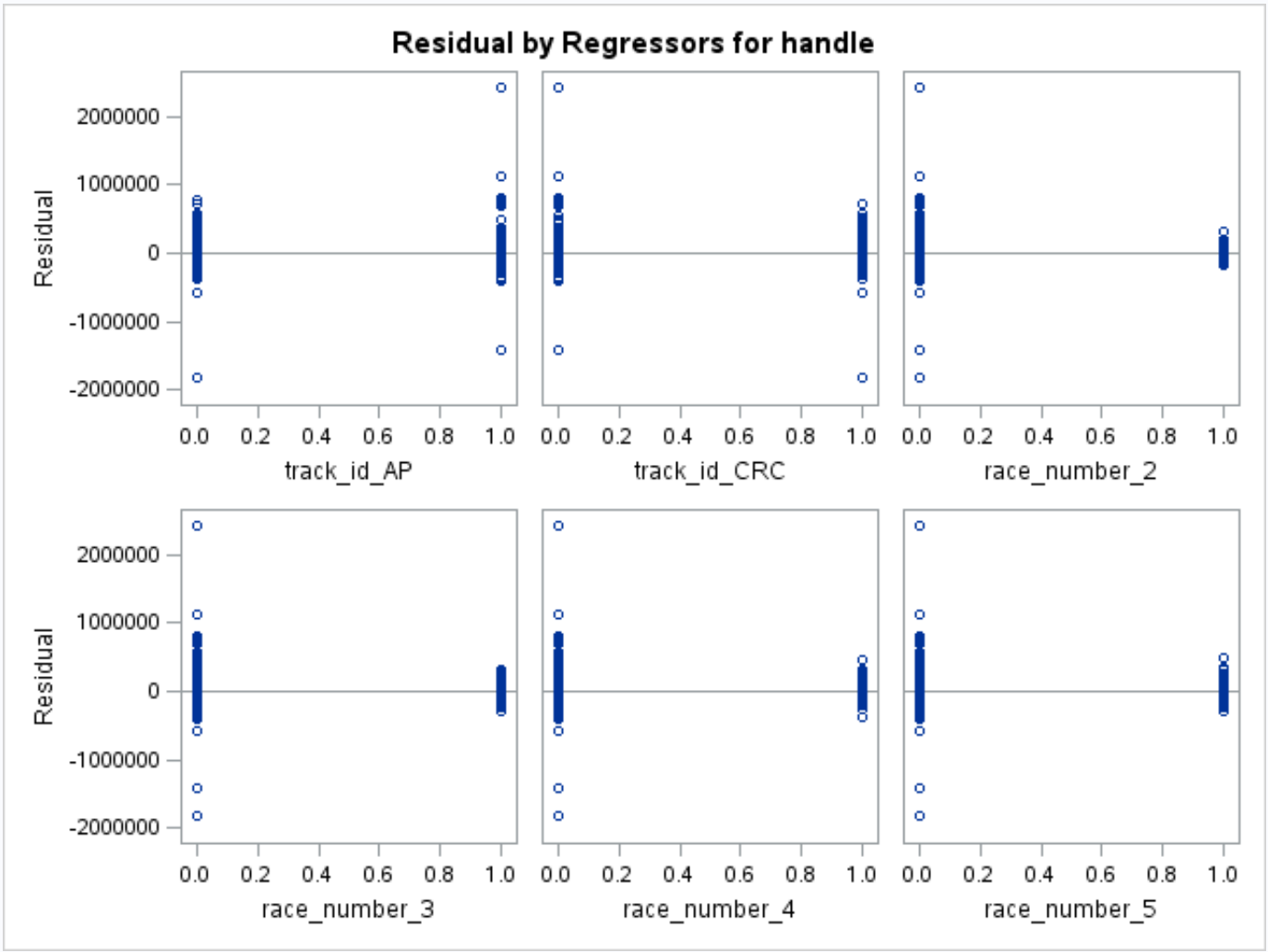
distance_id_850	1	265027	46415	5.71	<.0001
distance_id_550	1	278385	46675	5.96	<.0001
distance_id_700	1	273195	46794	5.84	<.0001
distance_id_500	1	271103	46766	5.80	<.0001
distance_id_650	1	282135	46825	6.03	<.0001
distance_id_900	1	262278	46705	5.62	<.0001
distance_id_832	1	278505	47944	5.81	<.0001
distance_id_450	1	242122	48631	4.98	<.0001
distance_id_750	1	253265	49016	5.17	<.0001
distance_id_818	1	268680	50224	5.35	<.0001
distance_id_1200	1	290733	55182	5.27	<.0001
distance_id_1000	1	626014	60733	10.31	<.0001
distance_id_200	1	104577	70868	1.48	0.1401
distance_id_950	1	294147	59355	4.96	<.0001
about_distance_indicator_A	1	-11417	9545.64479	-1.20	0.2318
course_type_T	1	59459	7085.03523	8.39	<.0001
purse_usa_25K	1	-92570	22968	-4.03	<.0001
purse_usa_30K	1	-97482	22887	-4.26	<.0001
purse_usa_40K	1	-103264	22101	-4.67	<.0001
purse_usa_100K	1	-66106	20256	-3.26	0.0011
minimum_claim_price___0	1	-54222	30188	-1.80	0.0725
minimum_claim_price_10K	1	-17045	6424.15134	-2.65	0.0080
minimum_claim_price__5K	1	-30790	11400	-2.70	0.0069
minimum_claim_price_15K	1	-15094	15672	-0.96	0.3355
minimum_claim_price__9K	1	-16181	17274	-0.94	0.3489
minimum_claim_price_62K	1	24030	19769	1.22	0.2242
minimum_claim_price__4K	1	-46573	26059	-1.79	0.0740
grade_1	1	2430105	56752	42.82	<.0001
grade_2	1	349989	40327	8.68	<.0001
grade_3	1	153032	23017	6.65	<.0001
number_of_runners__3	1	-881629	91068	-9.68	<.0001
number_of_runners__4	1	-754543	63641	-11.86	<.0001
number_of_runners__5	1	-685152	61006	-11.23	<.0001
number_of_runners__6	1	-629451	60688	-10.37	<.0001
number_of_runners__7	1	-595157	60661	-9.81	<.0001
number_of_runners__8	1	-569492	60671	-9.39	<.0001
number_of_runners__9	1	-530202	60760	-8.73	<.0001
number_of_runners_10	1	-509010	60777	-8.38	<.0001
number_of_runners_11	1	-487228	61073	-7.98	<.0001
number_of_runners_12	1	-473746	61177	-7.74	<.0001
abbreviated_name_RACE_HAS	1	-226195	42372	-5.34	<.0001
track_sealed_indicator_Y	1	-38149	8716.95378	-4.38	<.0001
track_sealed_indicator_N	1	-9197.58728	6640.33266	-1.39	0.1661
race_date_Super_Bowl	1	-87163	47854	-1.82	0.0686
race_date_Patricks_Day	1	-90177	52728	-1.71	0.0873
race_date_Memorial_Day	1	-53644	21833	-2.46	0.0141
race_date_Indep_Day	1	-22458	20396	-1.10	0.2709
race_date_Labor_Day	1	22522	21366	1.05	0.2919
race_date_Veterans_Day	1	29903	23186	1.29	0.1972
race_date_Thanksgiving	1	-83949	24439	-3.44	0.0006
race_date_Boxing_Day	1	252255	27960	9.02	<.0001

race_date_New_Year_Day	1	89596	24479	3.66	0.0003
race_weekday_Sun	1	11530	9071.30539	1.27	0.2038
race_weekday_Mon	1	31675	9385.55483	3.37	0.0007
race_weekday_Wed	1	30812	11510	2.68	0.0075
race_weekday_Thu	1	14850	9712.57976	1.53	0.1264
race_weekday_Fri	1	55330	9044.00916	6.12	<.0001
race_weekday_Sat	1	88547	9136.73537	9.69	<.0001

Linear Model using Development Dataset

The REG Procedure
Model: MODEL1
Dependent Variable: handle

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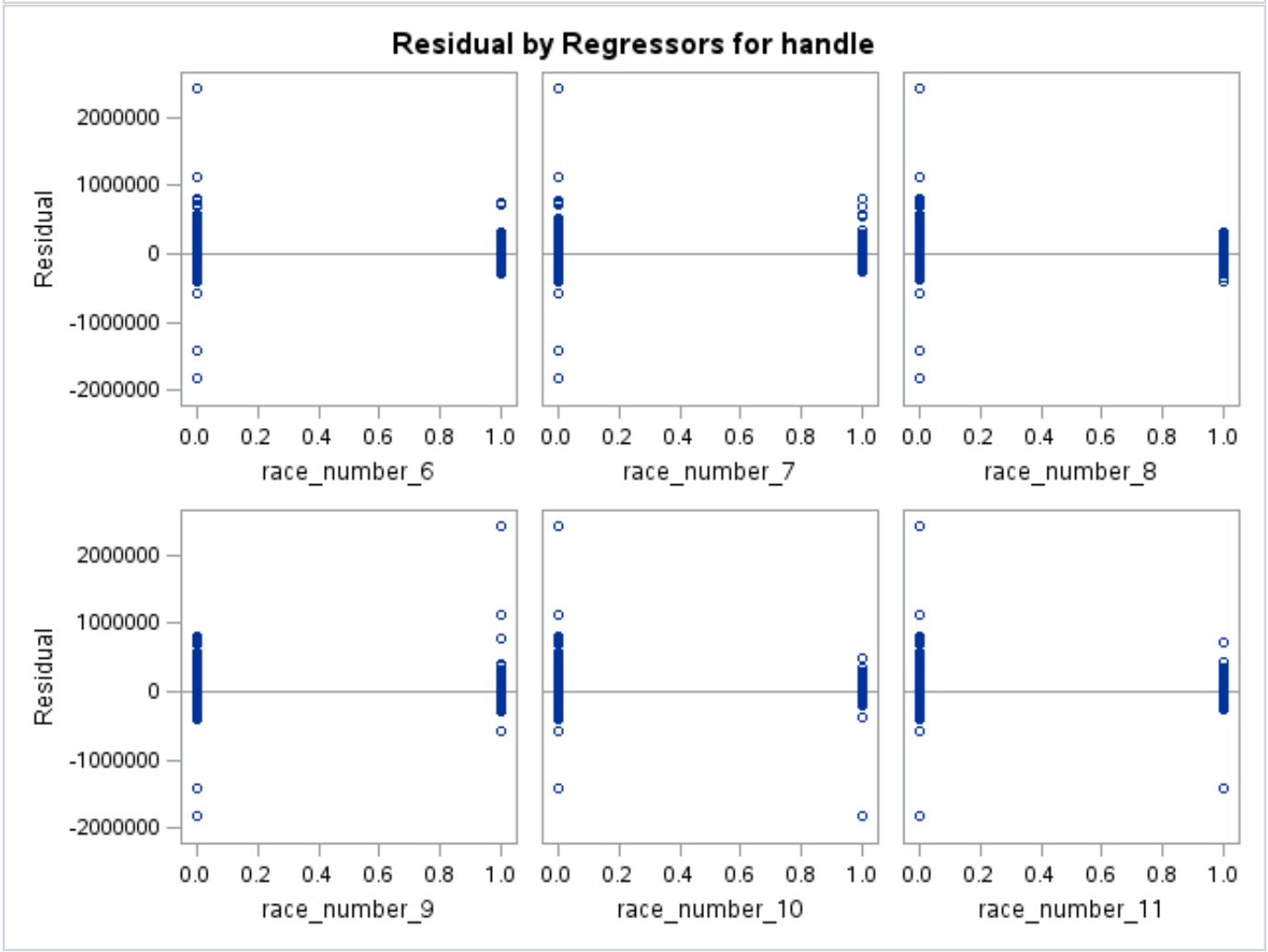
race_number_3
race_number_4
race_number_5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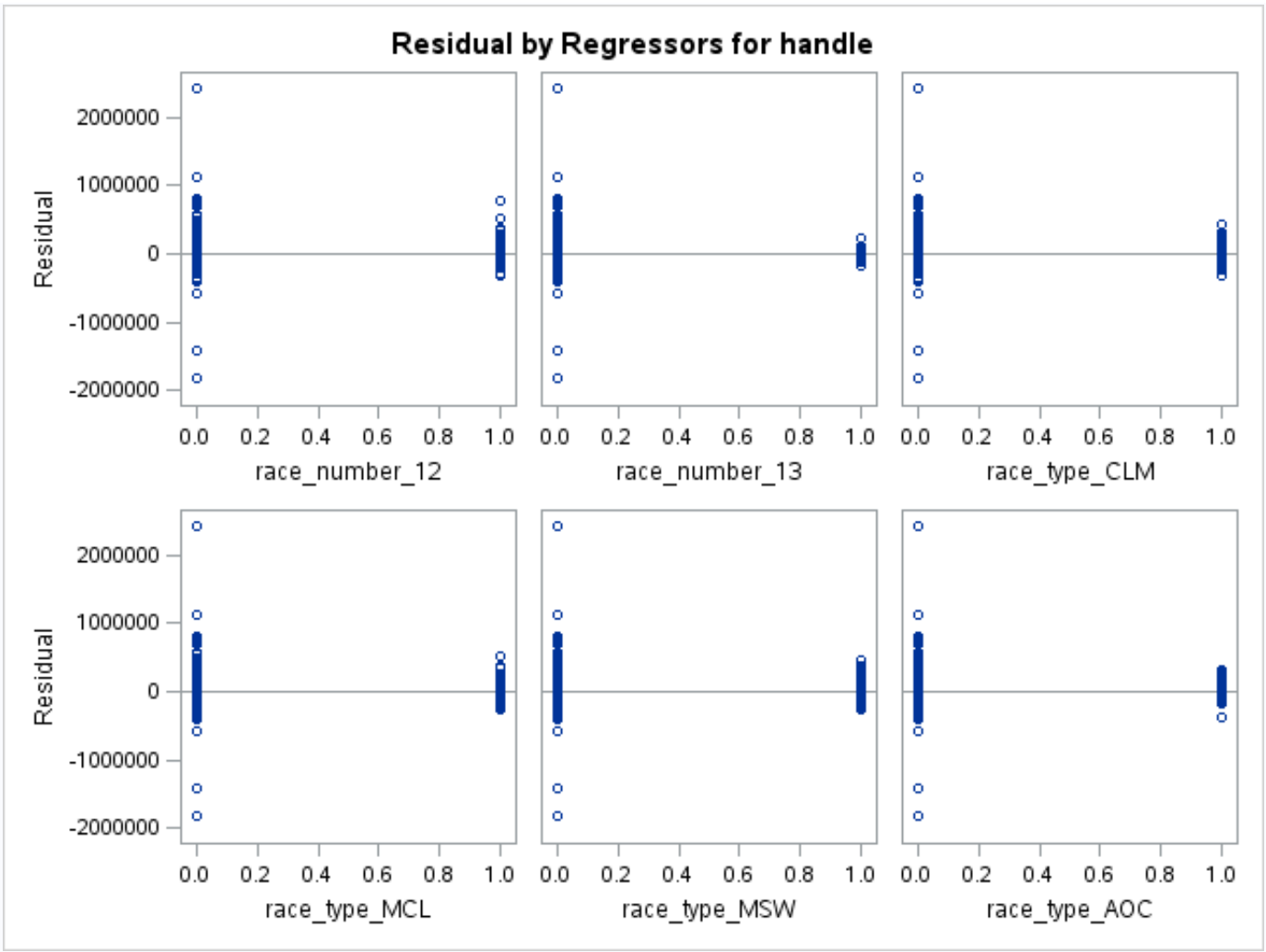
race_number_11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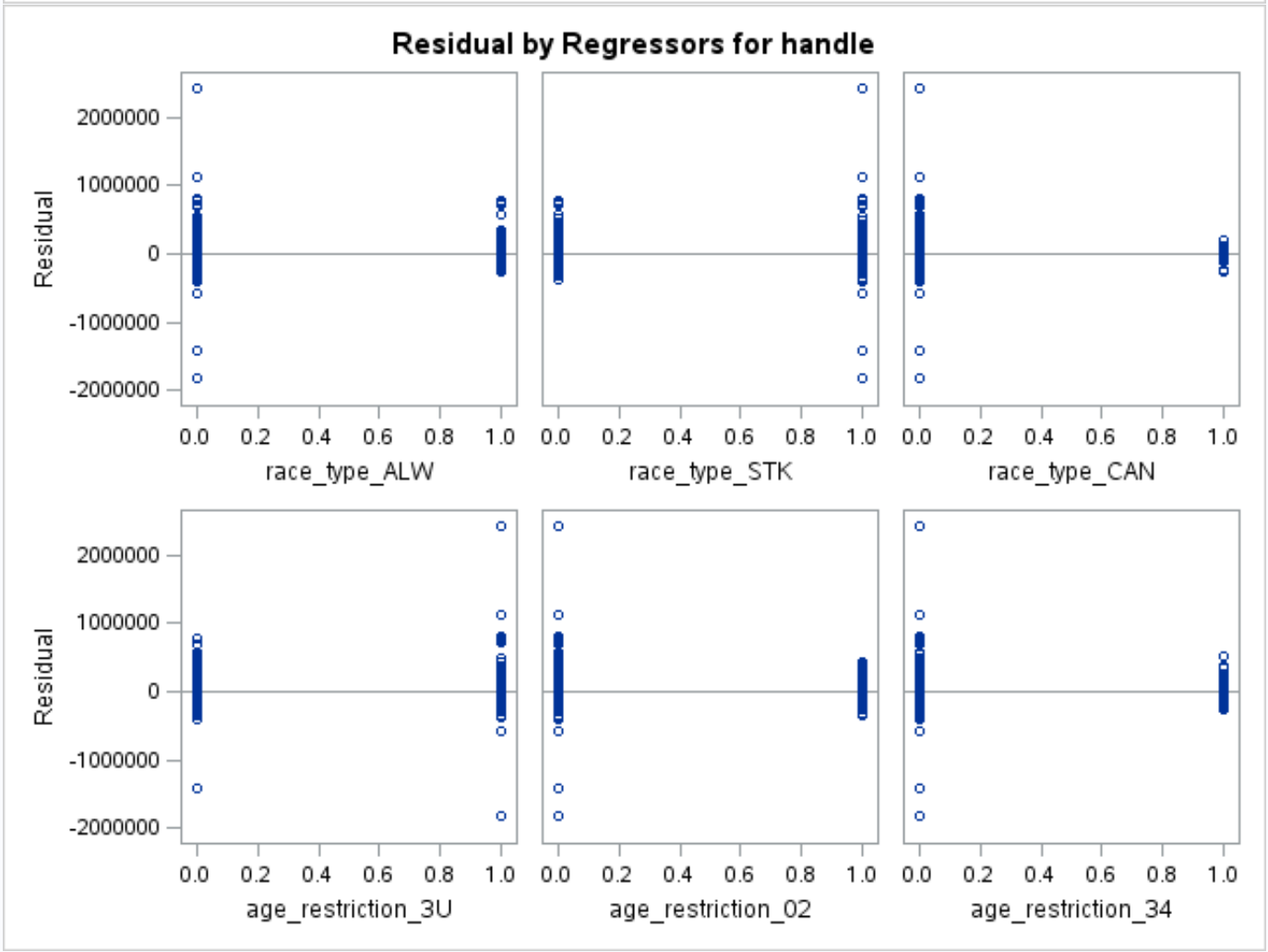
race_type_AOC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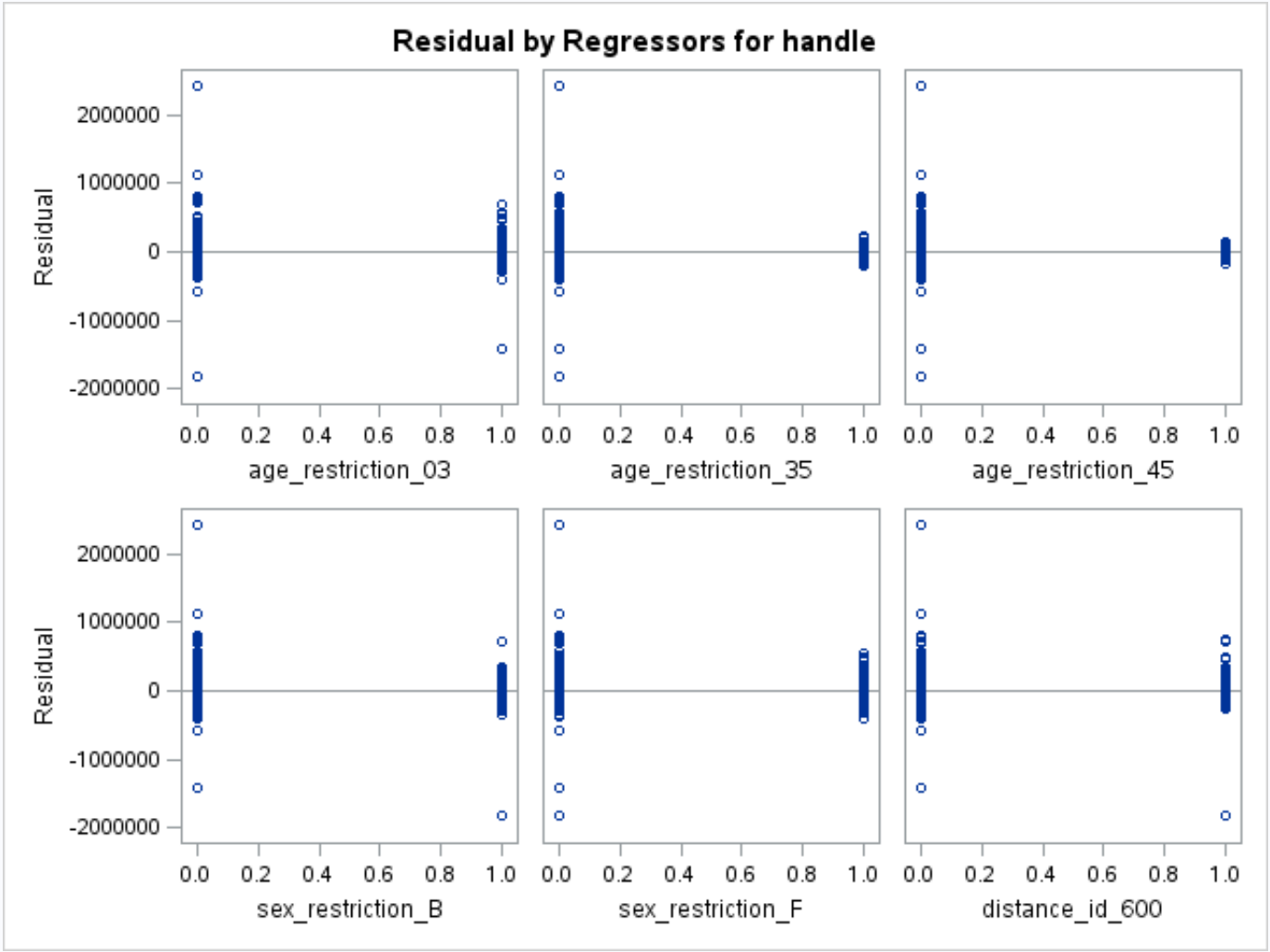
age_restriction_34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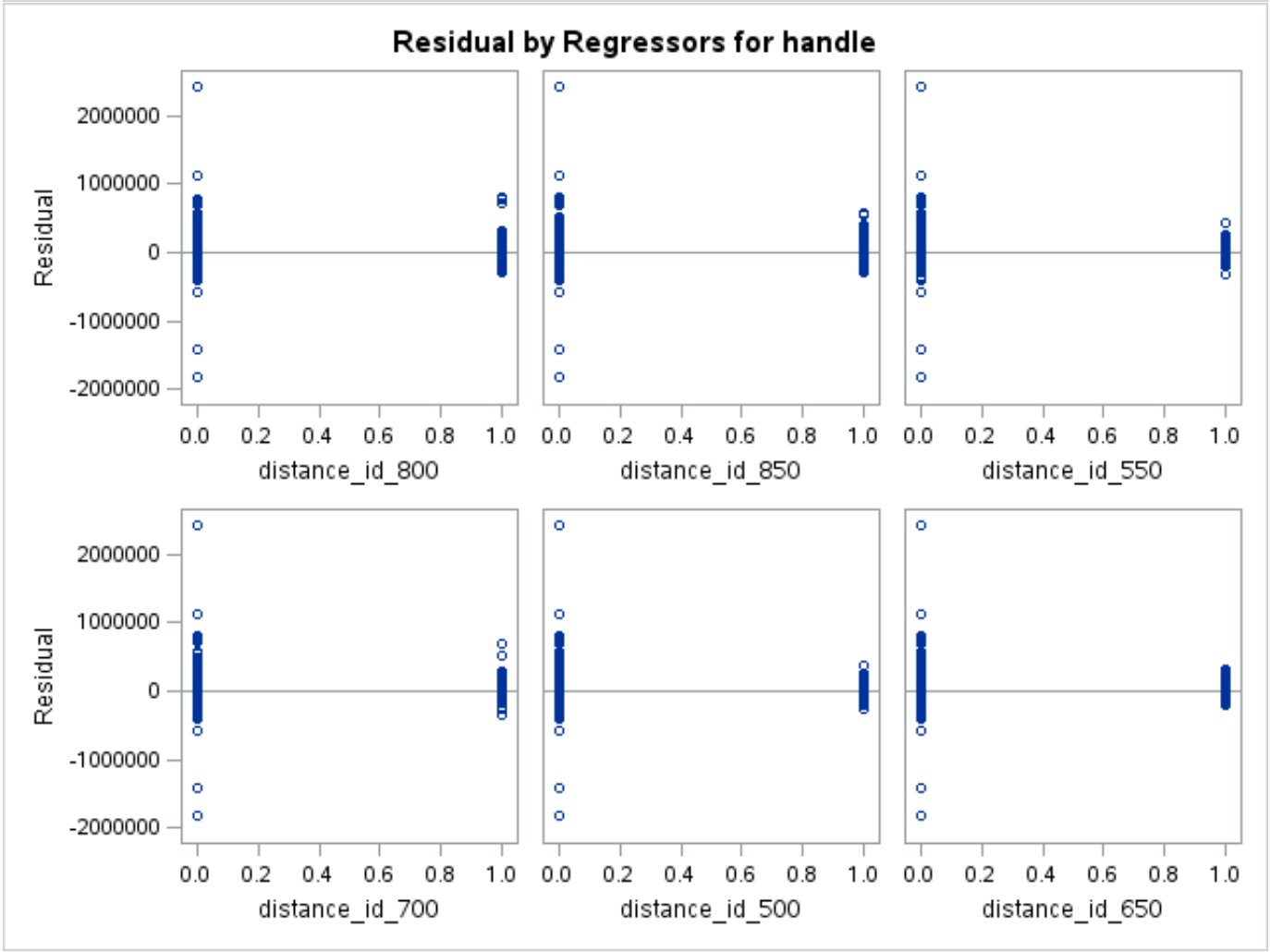
sex_restriction_B
sex_restriction_F
distance_id_600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distance_id_550
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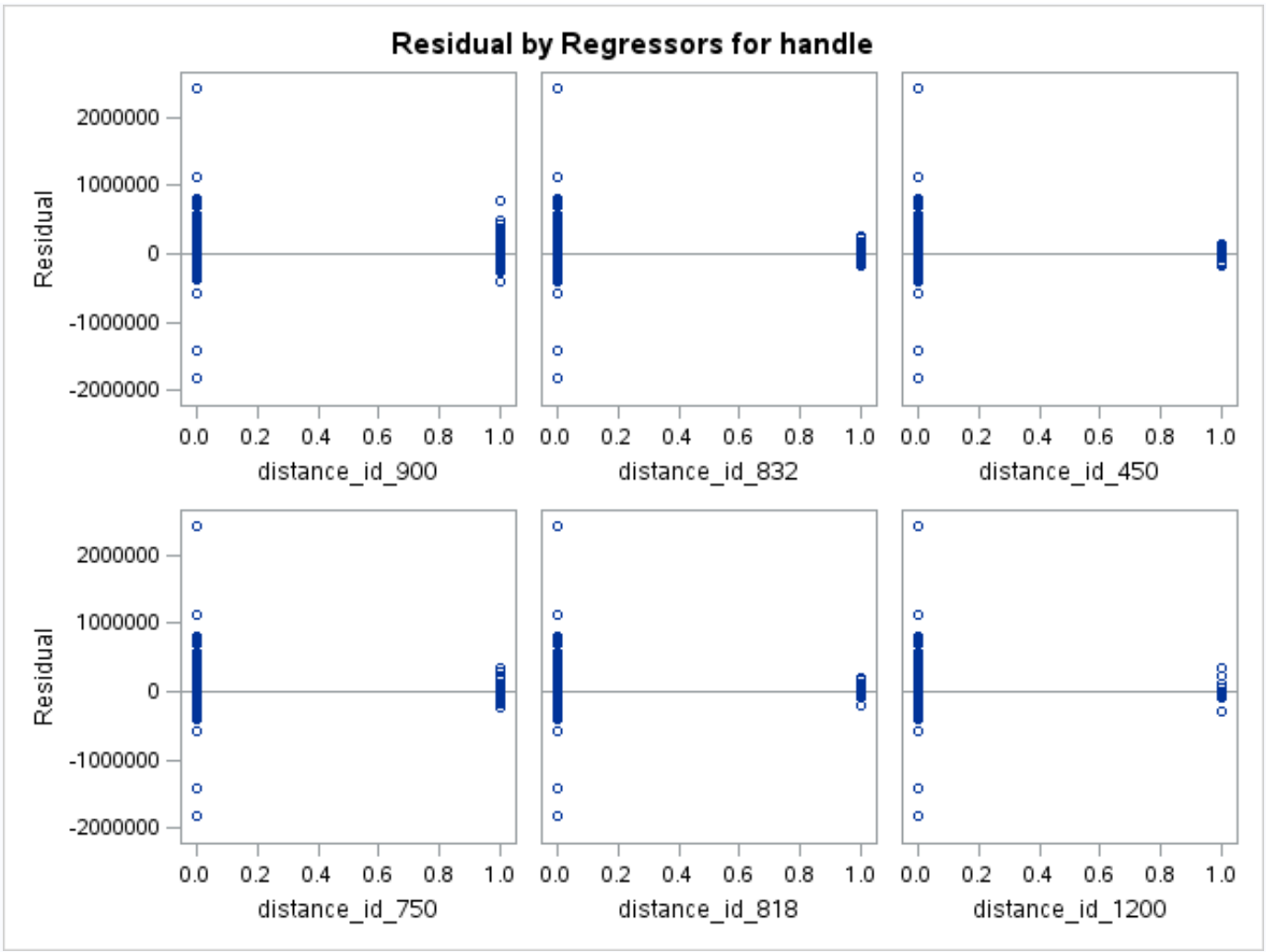
distance_id_650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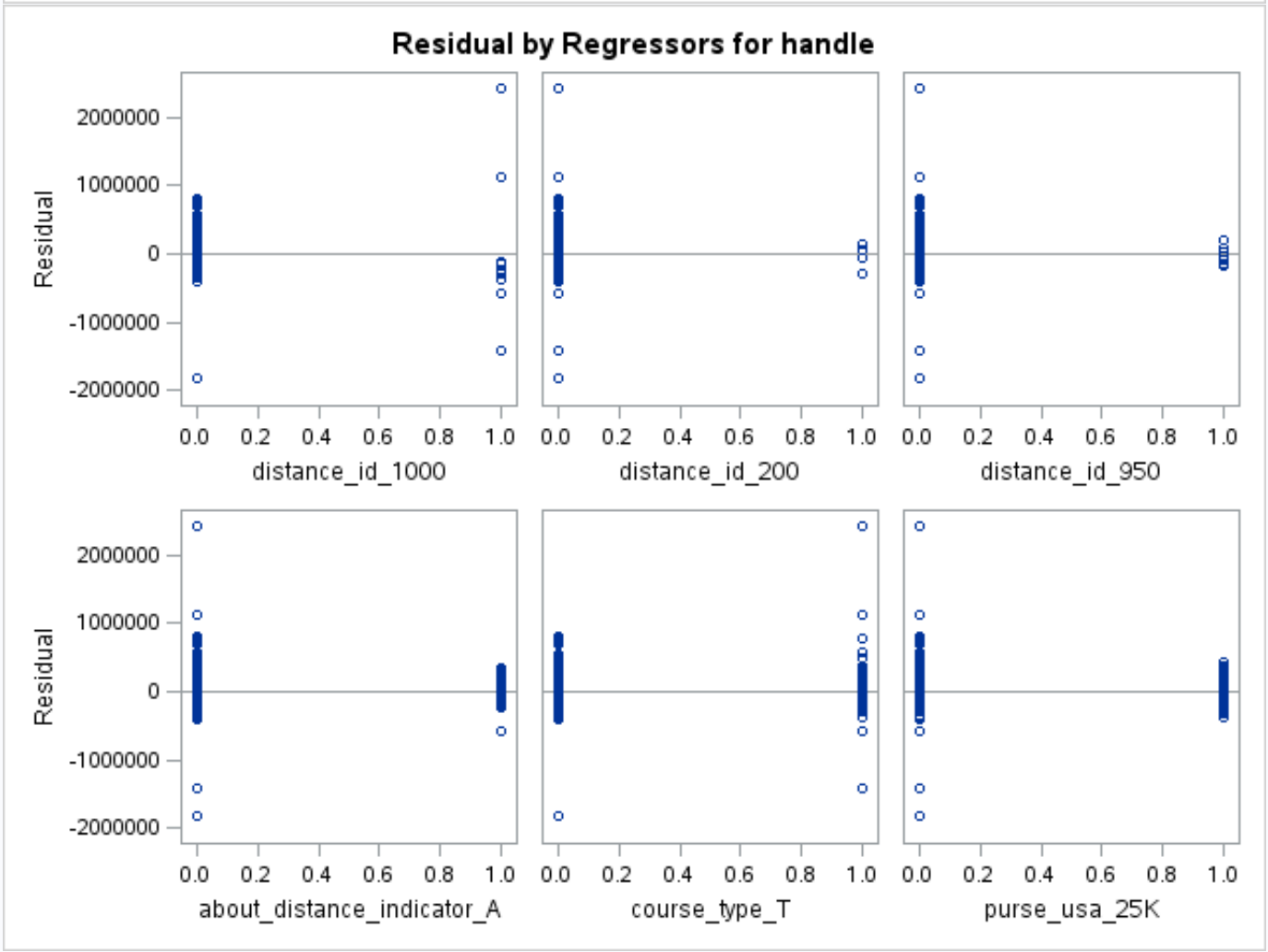
distance_id_750
distance_id_818
distance_id_1200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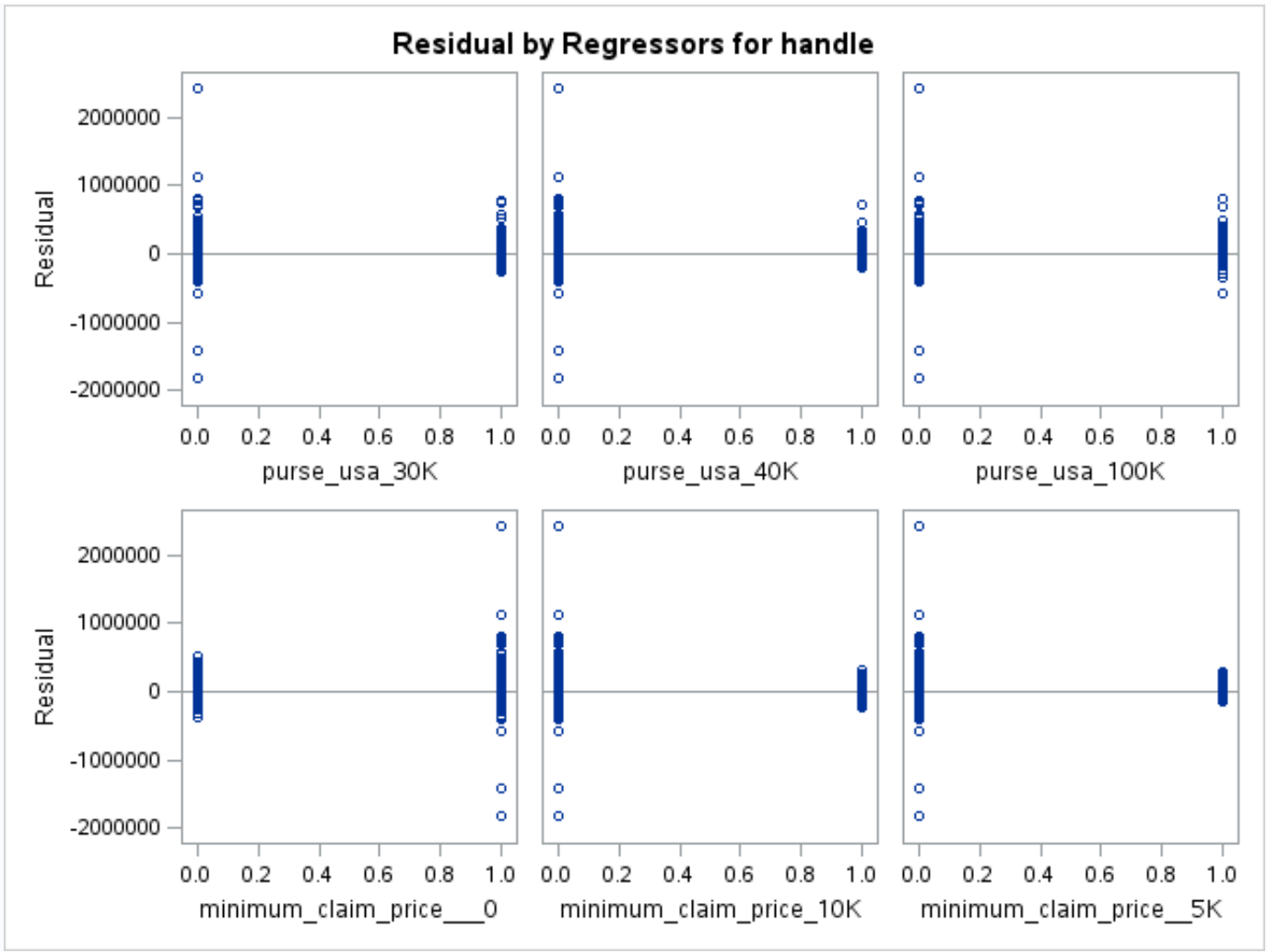
distance_id_950
about_distance_indicator_A
course_type_T
purse_usa_25K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0.6
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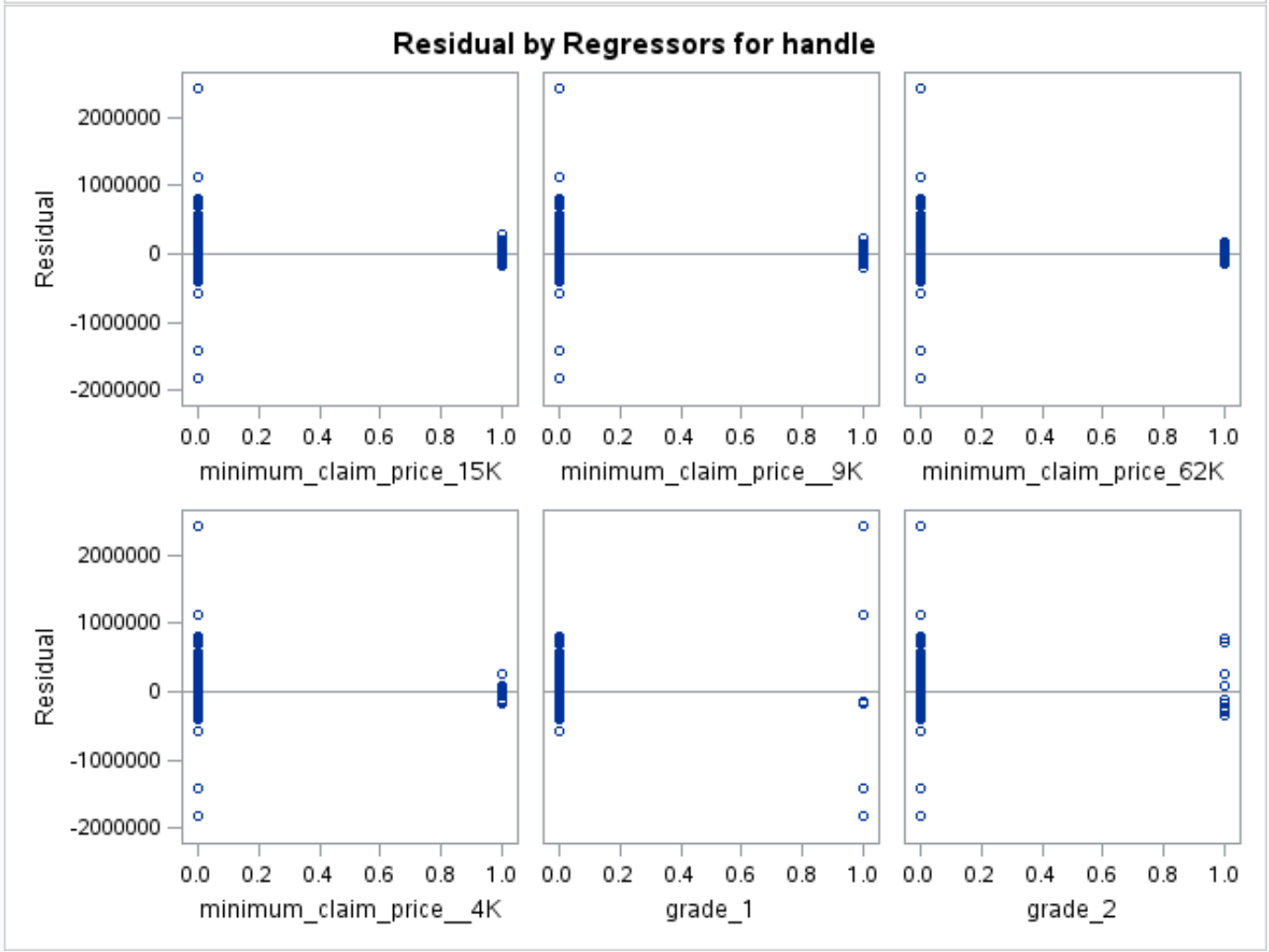
purse_usa_40K
purse_usa_100K
minimum_claim_price___0
minimum_claim_price_10K
minimum_claim_price__5K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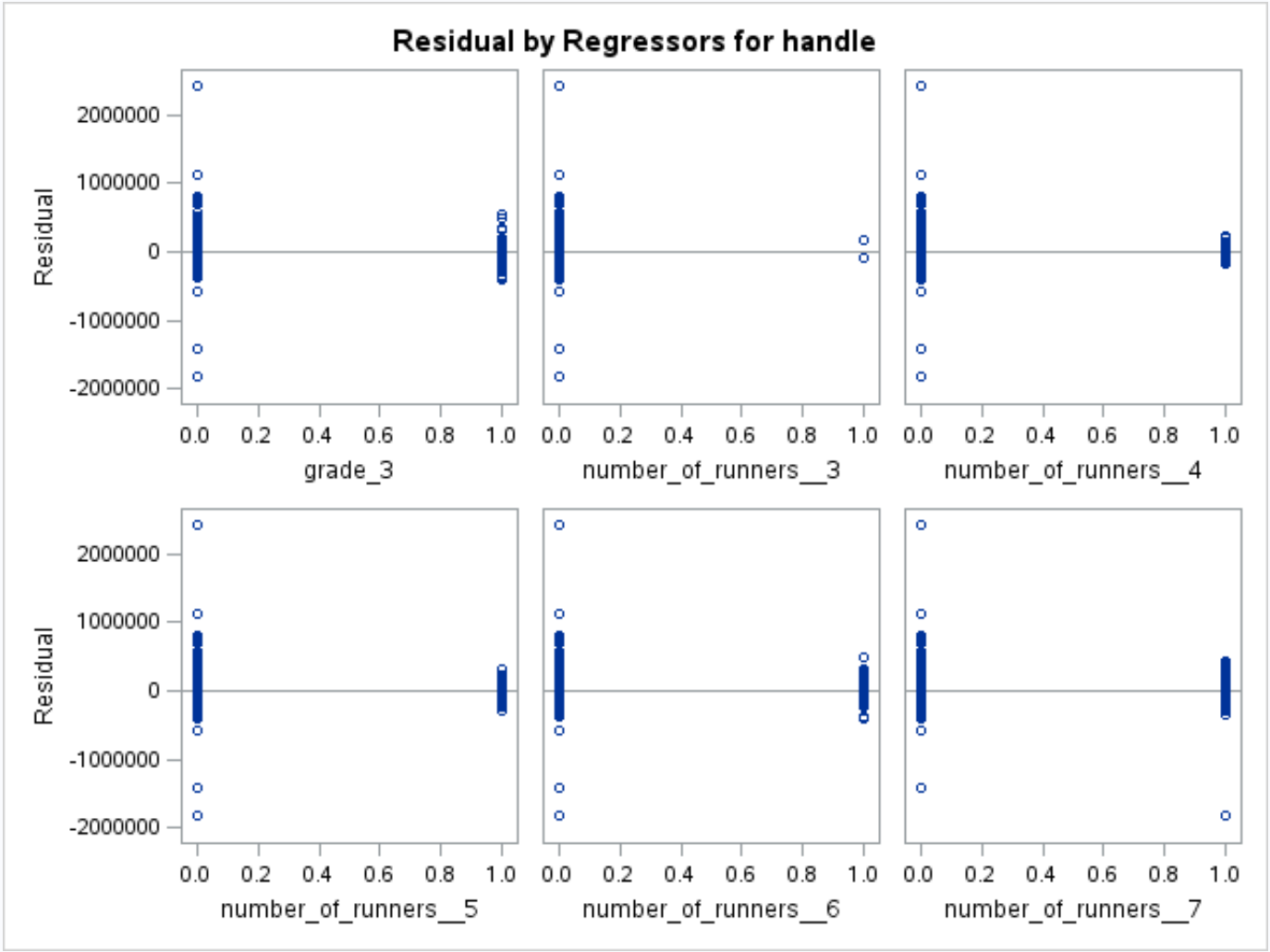
minimum_claim_price_62K
minimum_claim_price__4K
grade_1
grade_2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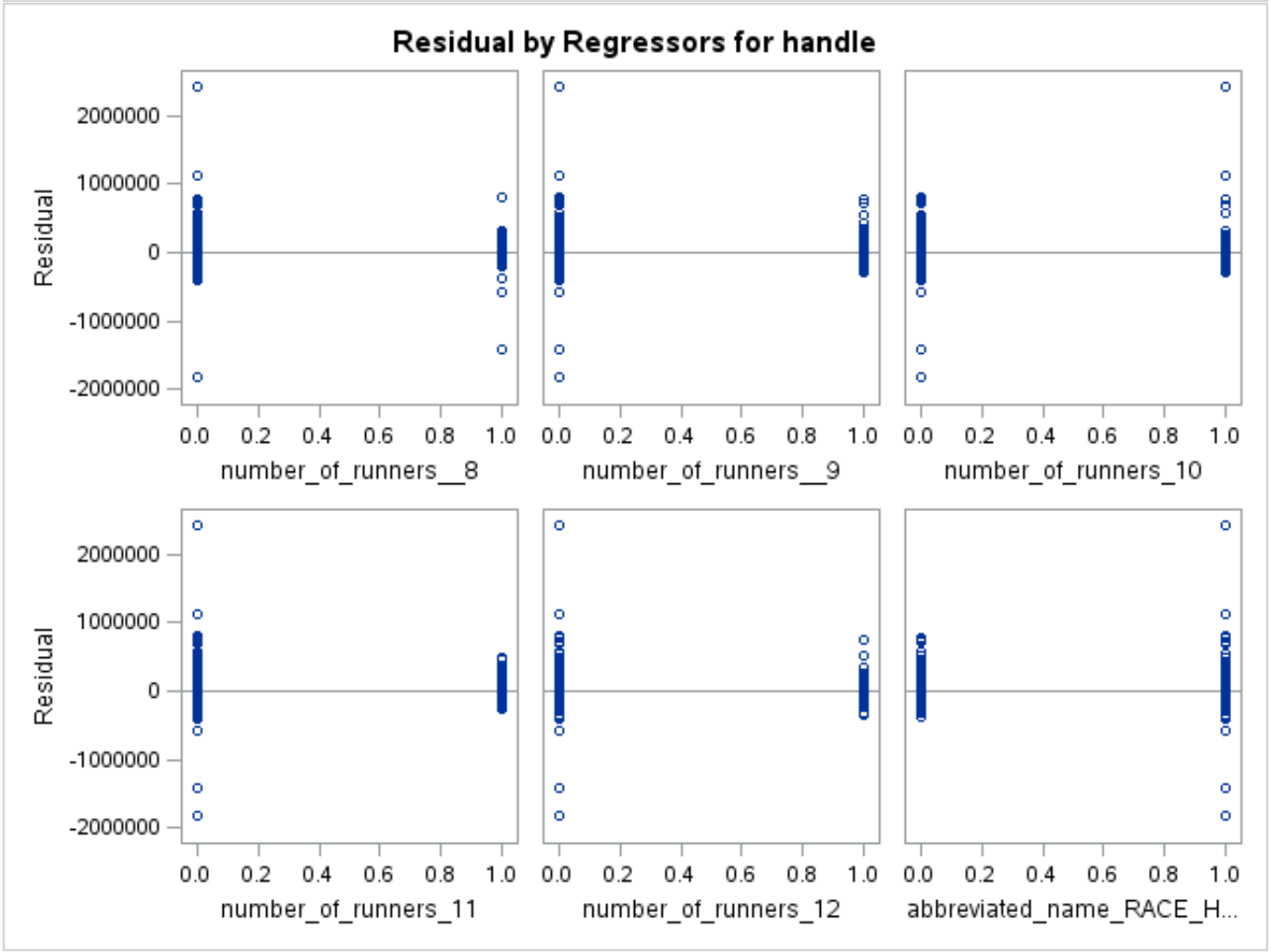
number_of_runners__5
number_of_runners__6
number_of_runners__7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number_of_runners_11
number_of_runners_12
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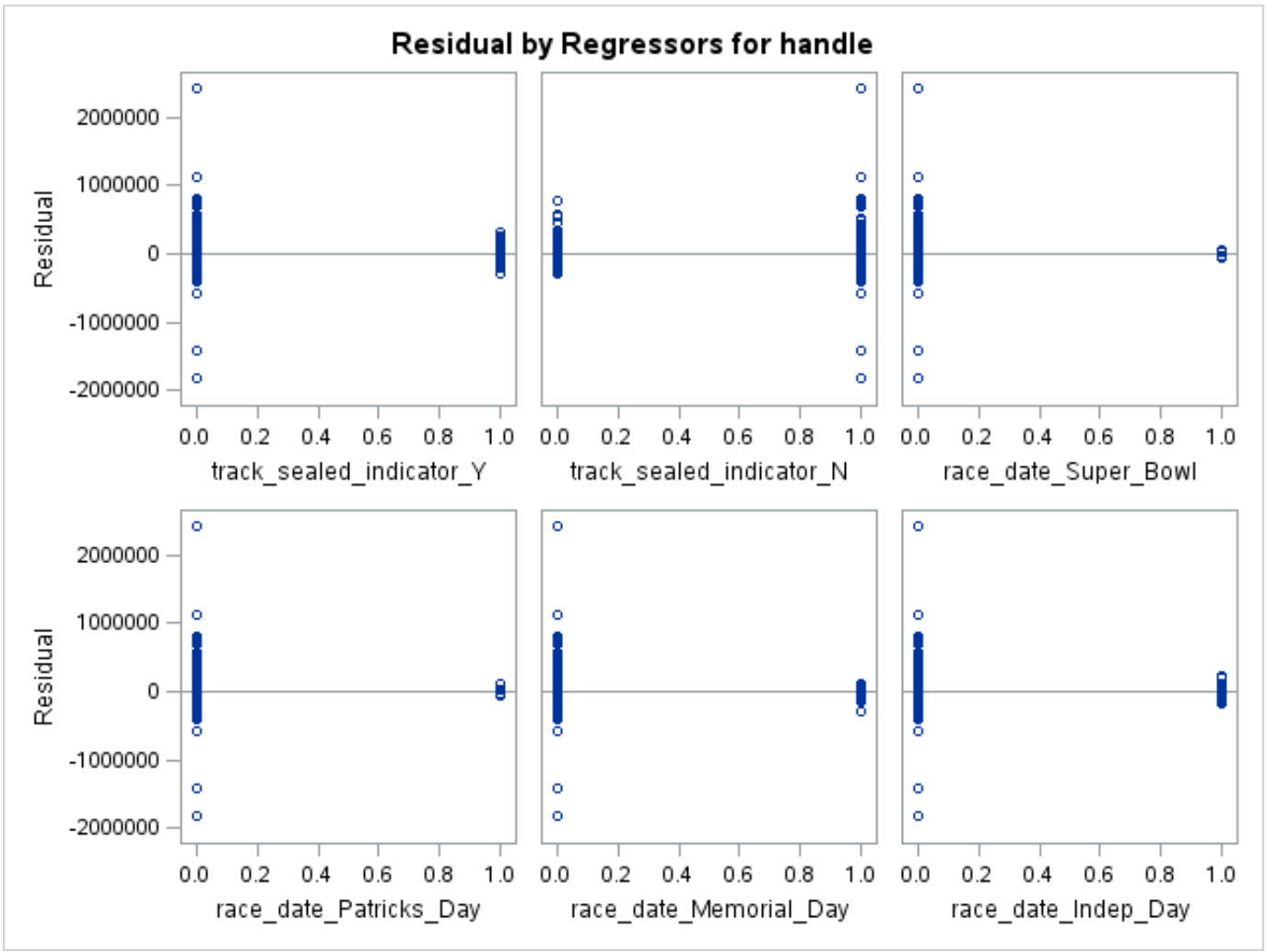
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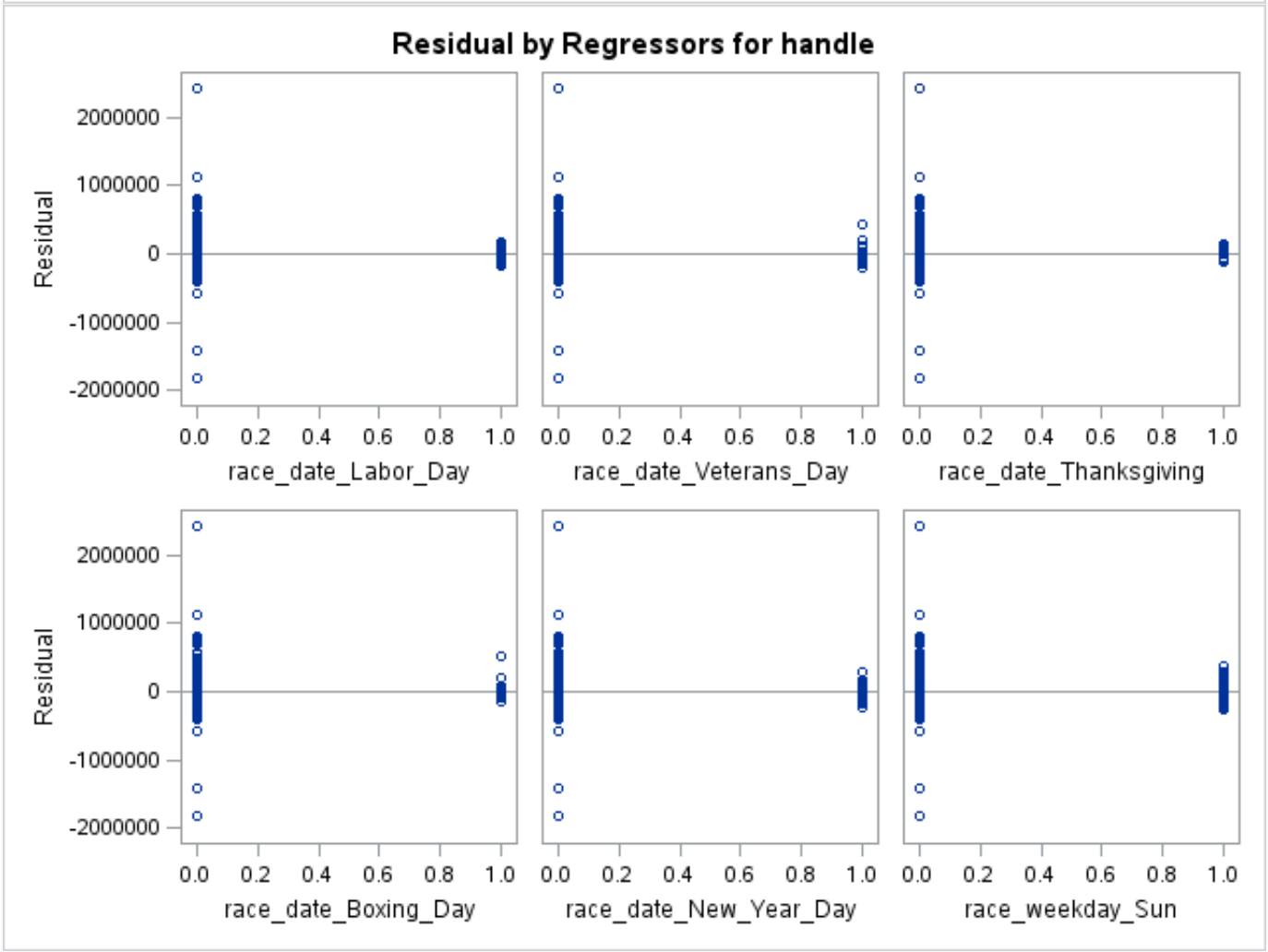
race_date_Patricks_Day
race_date_Memorial_Day
race_date_Indep_Day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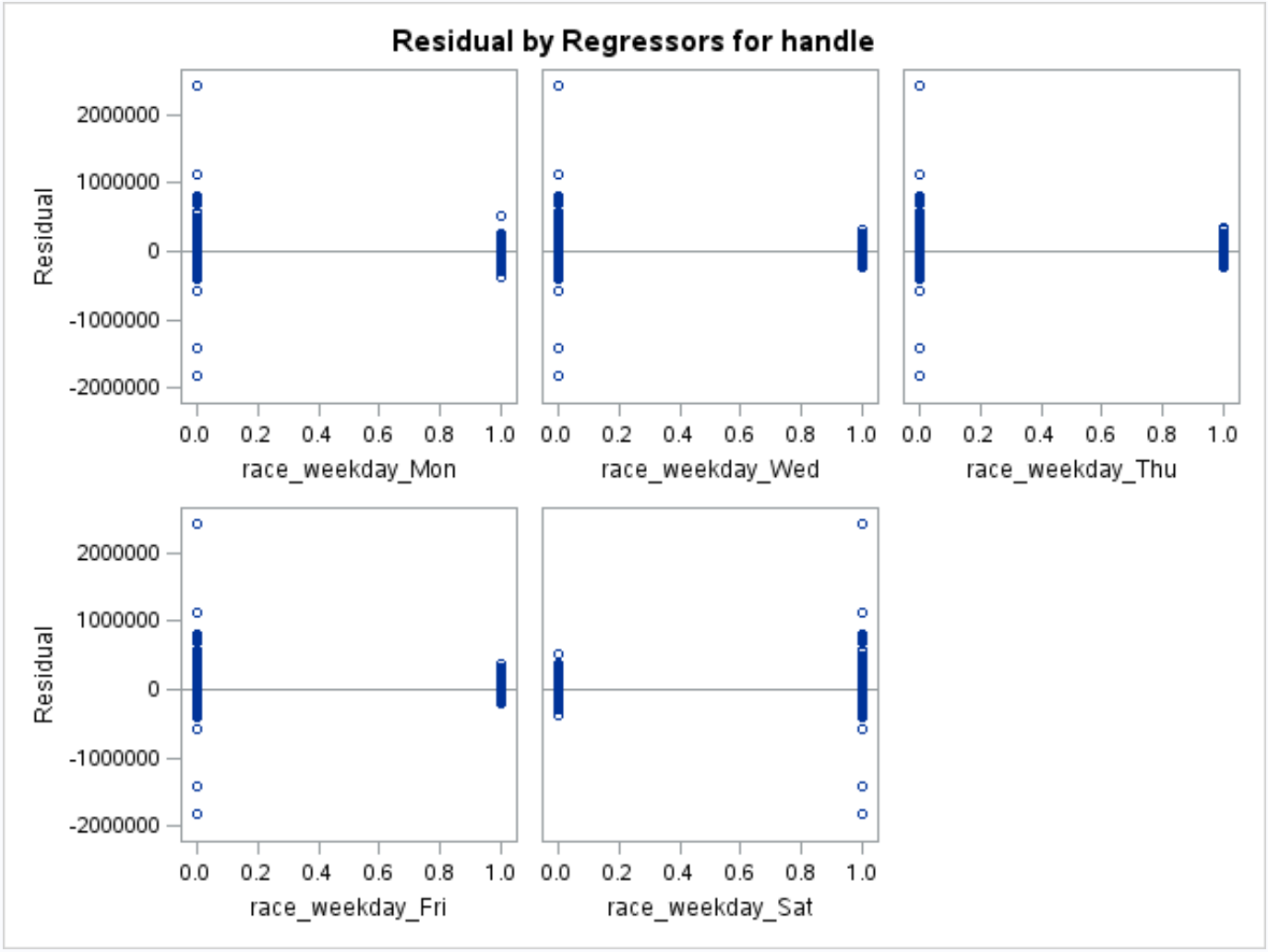
race_date_Veterans_Day
race_date_Thanksgiving
race_date_Boxing_Day
race_date_New_Year_Day
race_weekday_Sun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race_weekday_Wed
race_weekday_Thu
race_weekday_Fri
race_weekday_Sat