

The GLIMMIX Procedure

Model Information	
Data Set	WORK.CAB
Response Variable	LOG_TIP
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Kenward-Roger
Fixed Effects SE Adjustment	Kenward-Roger

Class Level Information		
Class	Levels	Values
MONTH	12	1 2 3 4 5 6 7 8 9 10 11 12
PICKUP_TIME	24	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
DROPOFF_TIME	24	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
TOLL_IND	2	0 1
PICKUP_LOCATION_ID	50	P1 P10 P11 P12 P13 P14 P15 P16 P17 P18 P19 P2 P20 P21 P22 P23 P24 P25 P26 P27 P28 P29 P3 P30 P31 P32 P33 P34 P35 P36 P37 P38 P39 P4 P40 P41 P42 P43 P44 P45 P46 P47 P48 P49 P5 P50 P6 P7 P8 P9
DROPOFF_LOCATION_ID	50	D1 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D2 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D3 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D4 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D5 D50 D6 D7 D8 D9
RATE_CODE	3	1 2 5
PASSENGER_COUNT	6	1 2 3 4 5 6

Number of Observations Read	67193
Number of Observations Used	67193

Dimensions	
G-side Cov. Parameters	3
R-side Cov. Parameters	1
Columns in X	335
Columns in Z	124
Subjects (Blocks in V)	1
Max Obs per Subject	67193

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Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	3
Lower Boundaries	3
Upper Boundaries	0
Fixed Effects	Profiled
Residual Variance	Profiled
Starting From	Data

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	47078.882779	.	5687.223
1	0	10	47021.186782	57.69599701	653.7264
2	0	7	47016.865846	4.32093654	183.2748
3	0	4	47016.854931	0.01091426	192.1446
4	0	6	47015.944847	0.91008469	335.7131
5	0	2	47015.628857	0.31599010	210.8033
6	0	2	47015.293854	0.33500266	102.1824
7	0	3	47015.240064	0.05379031	14.70225
8	0	3	47015.238928	0.00113559	2.539548
9	0	3	47015.238816	0.00011204	0.29047

Convergence criterion (GCONV=1E-8) satisfied.

Fit Statistics	
-2 Res Log Likelihood	47015.24
AIC (smaller is better)	47023.24
AICC (smaller is better)	47023.24
BIC (smaller is better)	47030.89
CAIC (smaller is better)	47034.89
HQIC (smaller is better)	47026.15
Generalized Chi-Square	7779.78
Gener. Chi-Square / DF	0.12

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Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
PICKUP_LOCATION_ID	0.001657	0.000406
DROPOFF_LOCATION_ID	0.004015	0.000873
DROPOFF_TIME	0.002615	0.000801
Residual	0.1161	0.000635

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
LOG_DIST	1	54891	23137.4	<.0001
PASSENGER_COUNT	5	66906	15.04	<.0001
MONTH	11	1	13.63	0.2085
TOLL_IND	1	66940	2.85	0.0913
RATE_CODE	2	1	79.28	0.0792
MONTH*PASSENGER_COUN	55	66896	3.43	<.0001
TOLL_IND*PASSENGER_C	5	66899	0.91	0.4720
RATE_CODE*PASSENGER_	8	66898	9.66	<.0001
MONTH*TOLL_IND	11	66894	3.48	<.0001
MONTH*RATE_CODE	22	1	8.56	0.2642
TOLL_IND*RATE_CODE	2	66728	30.59	<.0001
MONTH*TOLL_I*PASSENG	55	66897	3.87	<.0001

PASSENGER_COUNT Least Squares Means								
PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
1	1.3102	0.02978	1	44.00	0.0145	0.05	0.9319	1.6886
2	0.8304	0.06364	1.545	13.05	0.0145	0.05	0.4629	1.1980
3	0.9194	0.1442	39.08	6.37	<.0001	0.05	0.6277	1.2112
4	1.3954	0.1037	10.72	13.45	<.0001	0.05	1.1664	1.6244
5	Non-est
6	Non-est

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Differences of PASSENGER_COUNT Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
PASSENGER_COUNT	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper
1	2	0.4798	0.06851	66898	7.00	<.0001	<.0001	0.05	0.3455	0.6141
1	3	0.3908	0.1431	66936	2.73	0.0063	0.0692	0.05	0.1104	0.6712
1	4	-0.08516	0.1082	66884	-0.79	0.4310	0.9697	0.05	-0.2971	0.1268
1	5	Non-est	.	.	.	.	.	.	.	.
1	6	Non-est	.	.	.	.	.	.	.	.
2	3	-0.08900	0.1612	66934	-0.55	0.5810	0.9939	0.05	-0.4050	0.2270
2	4	-0.5650	0.1191	66885	-4.75	<.0001	<.0001	0.05	-0.7983	-0.3316
2	5	Non-est	.	.	.	.	.	.	.	.
2	6	Non-est	.	.	.	.	.	.	.	.
3	4	-0.4760	0.1810	66921	-2.63	0.0086	0.0902	0.05	-0.8308	-0.1212
3	5	Non-est	.	.	.	.	.	.	.	.
3	6	Non-est	.	.	.	.	.	.	.	.
4	5	Non-est	.	.	.	.	.	.	.	.
4	6	Non-est	.	.	.	.	.	.	.	.
5	6	-0.09456	0.03173	66905	-2.98	0.0029	0.0343	0.05	-0.1568	-0.03236

Differences of PASSENGER_COUNT Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer			
PASSENGER_COUNT	_PASSENGER_COUNT	Adj Lower	Adj Upper
1	2	0.2846	0.6751
1	3	-0.01691	0.7985
1	4	-0.3934	0.2230
1	5	.	.
1	6	.	.
2	3	-0.5485	0.3705
2	4	-0.9043	-0.2257
2	5	.	.
2	6	.	.
3	4	-0.9918	0.03987
3	5	.	.
3	6	.	.
4	5	.	.
4	6	.	.
5	6	-0.1850	-0.00413

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MONTH Least Squares Means								
MONTH	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
1	Non-est	.	.	.	.	.	.	.
2	Non-est	.	.	.	.	.	.	.
3	Non-est	.	.	.	.	.	.	.
4	Non-est	.	.	.	.	.	.	.
5	Non-est	.	.	.	.	.	.	.
6	Non-est	.	.	.	.	.	.	.
7	Non-est	.	.	.	.	.	.	.
8	Non-est	.	.	.	.	.	.	.
9	Non-est	.	.	.	.	.	.	.
10	Non-est	.	.	.	.	.	.	.
11	Non-est	.	.	.	.	.	.	.
12	Non-est	.	.	.	.	.	.	.

Differences of MONTH Least Squares Means Adjustment for Multiple Comparisons: Tukey												
MONTH	_MONTH	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
1	2	0.1499	0.09380	66896	1.60	0.1100	0.8278	0.05	-0.03393	0.3338	-3.2965	3.5963
1	3	0.8695	0.1138	66957	7.64	<.0001	0.2365	0.05	0.6464	1.0926	-3.3127	5.0517
1	4	0.6037	0.1087	66912	5.55	<.0001	0.3203	0.05	0.3906	0.8168	-3.3910	4.5984
1	5	0.4991	0.1152	1	4.33	0.1444	0.4022	0.05	-0.9650	1.9633	-3.7340	4.7323
1	6	0.7376	0.1064	66965	6.93	<.0001	0.2595	0.05	0.5291	0.9461	-3.1705	4.6457
1	7	0.1313	0.09493	66898	1.38	0.1666	0.8794	0.05	-0.05474	0.3174	-3.3567	3.6194
1	8	0.5763	0.09501	66900	6.07	<.0001	0.2947	0.05	0.3901	0.7625	-2.9144	4.0670
1	9	0.1878	0.09641	66922	1.95	0.0514	0.7452	0.05	-0.00117	0.3767	-3.3544	3.7300
1	10	0.4470	0.1085	66933	4.12	<.0001	0.4205	0.05	0.2344	0.6597	-3.5390	4.4331
1	11	0.5035	0.1088	66913	4.63	<.0001	0.3790	0.05	0.2902	0.7169	-3.4957	4.5027
1	12	0.2775	0.1012	66919	2.74	0.0061	0.5898	0.05	0.07919	0.4757	-3.4394	3.9943
2	3	0.7196	0.1118	66955	6.43	<.0001	0.2787	0.05	0.5004	0.9387	-3.3892	4.8283
2	4	0.4538	0.1096	66905	4.14	<.0001	0.4187	0.05	0.2390	0.6686	-3.5732	4.4808
2	5	0.3492	0.1027	1	3.40	0.1820	0.4963	0.05	-0.9551	1.6536	-3.4239	4.1223
2	6	0.5877	0.1032	66955	5.70	<.0001	0.3127	0.05	0.3855	0.7899	-3.2024	4.3777
2	7	-0.01859	0.09751	66887	-0.19	0.8488	1.0000	0.05	-0.2097	0.1725	-3.6014	3.5643
2	8	0.4264	0.09745	66893	4.38	<.0001	0.3986	0.05	0.2354	0.6174	-3.1541	4.0069
2	9	0.03787	0.09253	66903	0.41	0.6824	0.9998	0.05	-0.1435	0.2192	-3.3620	3.4377
2	10	0.2971	0.1094	66928	2.72	0.0066	0.5941	0.05	0.08273	0.5115	-3.7221	4.3163

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Differences of MONTH Least Squares Means Adjustment for Multiple Comparisons: Tukey												
MONTH	_MONTH	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
2	11	0.3536	0.1097	66905	3.22	0.0013	0.5189	0.05	0.1386	0.5687	-3.6775	4.3847
2	12	0.1275	0.09688	66906	1.32	0.1880	0.8949	0.05	-0.06233	0.3174	-3.4319	3.6870
3	4	-0.2657	0.1205	66944	-2.21	0.0274	0.6893	0.05	-0.5019	-0.02956	-4.6932	4.1617
3	5	-0.3703	0.1235	1	-3.00	0.02050	0.5503	0.05	-1.9402	1.1995	-4.9098	4.1691
3	6	-0.1319	0.1089	66957	-1.21	0.2258	0.9183	0.05	-0.3452	0.08149	-4.1316	3.8678
3	7	-0.7381	0.1118	66954	-6.60	<.0001	0.2719	0.05	-0.9572	-0.5191	-4.8450	3.3687
3	8	-0.2931	0.1117	66954	-2.62	0.0087	0.6098	0.05	-0.5121	-0.07419	-4.3976	3.8113
3	9	-0.6817	0.09850	66949	-6.92	<.0001	0.2600	0.05	-0.8748	-0.4886	-4.3009	2.9376
3	10	-0.4224	0.1203	66943	-3.51	0.0004	0.4830	0.05	-0.6582	-0.1867	-4.8415	3.9967
3	11	-0.3659	0.1207	66954	-3.03	0.0024	0.5453	0.05	-0.6025	-0.1294	-4.8006	4.0687
3	12	-0.5920	0.1018	66962	-5.81	<.0001	0.3068	0.05	-0.7916	-0.3924	-4.3339	3.1498
4	5	-0.1046	0.1241	1	-0.84	0.5542	0.9804	0.05	-1.6813	1.4721	-4.6627	4.4535
4	6	0.1339	0.1129	66958	1.19	0.2357	0.9237	0.05	-0.08740	0.3552	-4.0143	4.2820
4	7	-0.4724	0.1108	66904	-4.26	<.0001	0.4081	0.05	-0.6897	-0.2551	-4.5451	3.6003
4	8	-0.02739	0.1108	66909	-0.25	0.8047	1.0000	0.05	-0.2446	0.1898	-4.0987	4.0439
4	9	-0.4159	0.1033	66902	-4.02	<.0001	0.4293	0.05	-0.6185	-0.2134	-4.2129	3.3810
4	10	-0.1567	0.1173	66900	-1.34	0.1817	0.8906	0.05	-0.3866	0.07326	-4.4670	4.1536
4	11	-0.1002	0.1177	66916	-0.85	0.3948	0.9795	0.05	-0.3310	0.1306	-4.4263	4.2259
4	12	-0.3263	0.1075	66919	-3.04	0.0024	0.5447	0.05	-0.5369	-0.1156	-4.2748	3.6223
5	6	0.2385	0.1148	1	2.08	0.2856	0.7166	0.05	-1.2202	1.6971	-3.9804	4.4573
5	7	-0.3678	0.1149	1	-3.20	0.1928	0.5218	0.05	-1.8279	1.0923	-4.5898	3.8542
5	8	0.07719	0.1149	1	0.67	0.6233	0.9941	0.05	-1.3823	1.5367	-4.1433	4.2977
5	9	-0.3114	0.1051	1	-2.96	0.2072	0.5554	0.05	-1.6463	1.0236	-4.1724	3.5496
5	10	-0.05209	0.1240	1	-0.42	0.7468	0.9998	0.05	-1.6272	1.5230	-4.6075	4.5033
5	11	0.004399	0.1242	1	0.04	0.9775	1.0000	0.05	-1.5736	1.5824	-4.5587	4.5674
5	12	-0.2217	0.1083	1	-2.05	0.2894	0.7232	0.05	-1.5980	1.1546	-4.2015	3.7582
6	7	-0.6063	0.1027	66951	-5.91	<.0001	0.3023	0.05	-0.8075	-0.4051	-4.3781	3.1655
6	8	-0.1613	0.1025	66938	-1.57	0.1156	0.8337	0.05	-0.3621	0.03958	-3.9265	3.6039
6	9	-0.5498	0.08579	66957	-6.41	<.0001	0.2798	0.05	-0.7180	-0.3817	-3.7021	2.6025
6	10	-0.2906	0.1127	66967	-2.58	0.0099	0.6176	0.05	-0.5114	-0.06975	-4.4297	3.8486
6	11	-0.2341	0.1130	66955	-2.07	0.0383	0.7177	0.05	-0.4555	-0.01260	-4.3856	3.9175
6	12	-0.4601	0.08899	66926	-5.17	<.0001	0.3423	0.05	-0.6346	-0.2857	-3.7298	2.8095
7	8	0.4450	0.09778	66894	4.55	<.0001	0.3847	0.05	0.2534	0.6367	-3.1477	4.0377
7	9	0.05646	0.09182	66896	0.61	0.5386	0.9965	0.05	-0.1235	0.2364	-3.3171	3.4300

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Differences of MONTH Least Squares Means Adjustment for Multiple Comparisons: Tukey												
MONTH	_MONTH	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
7	10	0.3157	0.1106	66919	2.86	0.0043	0.5717	0.05	0.09901	0.5324	-3.7469	4.3783
7	11	0.3722	0.1109	66906	3.35	0.0008	0.5020	0.05	0.1548	0.5897	-3.7042	4.4486
7	12	0.1461	0.09601	66903	1.52	0.1280	0.8462	0.05	-0.04204	0.3343	-3.3814	3.6737
8	9	-0.3885	0.09182	66910	-4.23	<.0001	0.4107	0.05	-0.5685	-0.2086	-3.7622	2.9851
8	10	-0.1293	0.1106	66928	-1.17	0.2425	0.9273	0.05	-0.3461	0.08751	-4.1933	3.9347
8	11	-0.07279	0.1109	66909	-0.66	0.5116	0.9948	0.05	-0.2902	0.1446	-4.1478	4.0022
8	12	-0.2989	0.09583	66894	-3.12	0.0018	0.5330	0.05	-0.4867	-0.1110	-3.8200	3.2222
9	10	0.2593	0.1030	66906	2.52	0.0118	0.6288	0.05	0.05736	0.4612	-3.5256	4.0441
9	11	0.3158	0.1035	66918	3.05	0.0023	0.5426	0.05	0.1129	0.5186	-3.4869	4.1184
9	12	0.08968	0.07574	66917	1.18	0.2364	0.9241	0.05	-0.05877	0.2381	-2.6931	2.8725
10	11	0.05649	0.1175	66930	0.48	0.6307	0.9994	0.05	-0.1738	0.2868	-4.2612	4.3742
10	12	-0.1696	0.1073	66940	-1.58	0.1139	0.8320	0.05	-0.3798	0.04067	-4.1110	3.7718
11	12	-0.2261	0.1076	66918	-2.10	0.0356	0.7113	0.05	-0.4370	-0.01518	-4.1794	3.7273

TOLL_IND Least Squares Means								
TOLL_IND	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
0	Non-est	.	.	.	.	.	.	.
1	Non-est	.	.	.	.	.	.	.

Differences of TOLL_IND Least Squares Means Adjustment for Multiple Comparisons: Tukey												
TOLL_IND	_TOLL_IND	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
0	1	0.08600	0.05093	66940	1.69	0.0913	0.0913	0.05	-0.01382	0.1858	-0.01382	0.1858

RATE_CODE Least Squares Means								
RATE_CODE	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
1	1.1883	0.01653	1	71.91	0.0089	0.05	0.9783	1.3983
2	1.5013	0.02867	1	52.36	0.0122	0.05	1.1370	1.8656
5	Non-est

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Differences of RATE_CODE Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer												
RATE_CODE	_RATE_CODE	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
1	2	-0.3130	0.02673	1	-11.71	0.0542	0.0542	0.05	-0.6526	0.02669	-0.6527	0.02675
1	5	Non-est	.	.	.	.	.	.	.	.	.	.
2	5	Non-est	.	.	.	.	.	.	.	.	.	.

TOLL_IND*RATE_CODE Least Squares Means									
TOLL_IND	RATE_CODE	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
0	1	1.0733	0.01487	1	72.16	0.0088	0.05	0.8843	1.2623
0	2	1.4591	0.03453	1	42.26	0.0151	0.05	1.0203	1.8978
0	5	Non-est	.	.	.	.	.	.	.
1	1	1.3033	0.02113	1	61.68	0.0103	0.05	1.0348	1.5718
1	2	1.5434	0.02828	1	54.57	0.0117	0.05	1.1841	1.9028
1	5	Non-est

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Differences of TOLL_IND*RATE_CODE Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

TOLL_IND	RATE_CODE	_TOLL_IND	_RATE_CODE	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper
0	1	0	2	-0.3858	0.03144	1	-12.27	0.0518	<.0001	0.05	-0.7852	0.01362
0	1	0	5	Non-est	.	.	.	.	.	.	.	.
0	1	1	1	-0.2300	0.01559	60430	-14.76	<.0001	<.0001	0.05	-0.2606	-0.1995
0	1	1	2	-0.4702	0.02461	1	-19.10	0.0333	<.0001	0.05	-0.7829	-0.1575
0	1	1	5	Non-est	.	.	.	.	.	.	.	.
0	2	0	5	Non-est	.	.	.	.	.	.	.	.
0	2	1	1	0.1558	0.03791	1	4.11	0.1520	0.0006	0.05	-0.3259	0.6375
0	2	1	2	-0.08437	0.02640	66908	-3.20	0.0014	0.0175	0.05	-0.1361	-0.03263
0	2	1	5	Non-est	.	.	.	.	.	.	.	.
0	5	1	1	Non-est	.	.	.	.	.	.	.	.
0	5	1	2	Non-est	.	.	.	.	.	.	.	.
0	5	1	5	0.5724	0.1466	66930	3.91	<.0001	0.0013	0.05	0.2852	0.8596
1	1	1	2	-0.2401	0.02770	1	-8.67	0.0731	<.0001	0.05	-0.5920	0.1118
1	1	1	5	Non-est	.	.	.	.	.	.	.	.
1	2	1	5	Non-est	.	.	.	.	.	.	.	.

Differences of TOLL_IND*RATE_CODE Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

TOLL_IND	RATE_CODE	_TOLL_IND	_RATE_CODE	Adj Lower	Adj Upper
0	1	0	2	-0.4754	-0.2962
0	1	0	5	.	.
0	1	1	1	-0.2745	-0.1856
0	1	1	2	-0.5403	-0.4000
0	1	1	5	.	.
0	2	0	5	.	.
0	2	1	1	0.04773	0.2638
0	2	1	2	-0.1596	-0.00914
0	2	1	5	.	.
0	5	1	1	.	.
0	5	1	2	.	.
0	5	1	5	0.1548	0.9900
1	1	1	2	-0.3191	-0.1612
1	1	1	5	.	.
1	2	1	5	.	.

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MONTH*TOLL_I*PASSENG Least Squares Means										
MONTH	TOLL_IND	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > t	Alpha	Lower	Upper
1	0	1	1.7691	0.06974	22009	25.37	<.0001	0.05	1.6324	1.9058
1	0	2	1.2732	0.07079	22943	17.99	<.0001	0.05	1.1344	1.4119
1	0	3	1.4050	0.1623	63304	8.66	<.0001	0.05	1.0870	1.7230
1	0	4	1.7785	0.1301	58302	13.67	<.0001	0.05	1.5235	2.0335
1	0	5	Non-est	.	.	.	.	.	.	.
1	0	6	Non-est	.	.	.	.	.	.	.
1	1	1	1.7208	0.09212	40581	18.68	<.0001	0.05	1.5402	1.9013
1	1	2	1.2583	0.09263	41007	13.58	<.0001	0.05	1.0767	1.4398
1	1	3	1.3030	0.2130	65931	6.12	<.0001	0.05	0.8856	1.7204
1	1	4	1.8464	0.2139	65981	8.63	<.0001	0.05	1.4272	2.2656
1	1	5	Non-est	.	.	.	.	.	.	.
1	1	6	Non-est	.	.	.	.	.	.	.
2	0	1	1.6411	0.06949	21831	23.62	<.0001	0.05	1.5049	1.7773
2	0	2	1.1383	0.08568	35777	13.29	<.0001	0.05	0.9703	1.3062
2	0	3	1.2561	0.1602	63122	7.84	<.0001	0.05	0.9421	1.5701
2	0	4	1.7082	0.1076	50168	15.87	<.0001	0.05	1.4973	1.9192
2	0	5	Non-est	.	.	.	.	.	.	.
2	0	6	Non-est	.	.	.	.	.	.	.
2	1	1	1.4976	0.08509	35186	17.60	<.0001	0.05	1.3308	1.6644
2	1	2	1.0030	0.09932	45474	10.10	<.0001	0.05	0.8083	1.1977
2	1	3	1.0443	0.2200	66083	4.75	<.0001	0.05	0.6131	1.4754
2	1	4	1.7349	0.2643	66665	6.56	<.0001	0.05	1.2169	2.2529
2	1	5	Non-est	.	.	.	.	.	.	.
2	1	6	Non-est	.	.	.	.	.	.	.
3	0	1	0.9665	0.08725	36397	11.08	<.0001	0.05	0.7955	1.1375
3	0	2	0.4758	0.1153	53163	4.13	<.0001	0.05	0.2497	0.7019
3	0	3	0.5604	0.1181	54208	4.74	<.0001	0.05	0.3289	0.7919
3	0	4	1.0418	0.1464	61358	7.12	<.0001	0.05	0.7549	1.3287
3	0	5	Non-est	.	.	.	.	.	.	.
3	0	6	Non-est	.	.	.	.	.	.	.
3	1	1	0.8820	0.08826	37266	9.99	<.0001	0.05	0.7090	1.0550
3	1	2	0.3855	0.1169	53788	3.30	0.0010	0.05	0.1564	0.6146
3	1	3	-0.3338	0.1799	64618	-1.86	0.0636	0.05	-0.6864	0.01885
3	1	4	0.9329	0.2167	66030	4.31	<.0001	0.05	0.5082	1.3576
3	1	5	Non-est	.	.	.	.	.	.	.

The GLIMMIX Procedure

MONTH*TOLL_I*PASSENG Least Squares Means										
MONTH	TOLL_IND	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
3	1	6	Non-est	.	.	.	.	.	.	.
4	0	1	1.1584	0.08343	33614	13.88	<.0001	0.05	0.9949	1.3220
4	0	2	0.6835	0.1086	50401	6.29	<.0001	0.05	0.4707	0.8964
4	0	3	0.7375	0.1673	63676	4.41	<.0001	0.05	0.4097	1.0653
4	0	4	1.1367	0.1420	60706	8.00	<.0001	0.05	0.8584	1.4151
4	0	5	Non-est	.	.	.	.	.	.	.
4	0	6	Non-est	.	.	.	.	.	.	.
4	1	1	1.1069	0.09880	44890	11.20	<.0001	0.05	0.9132	1.3005
4	1	2	0.5132	0.1201	55194	4.27	<.0001	0.05	0.2778	0.7487
4	1	3	0.7078	0.2015	65569	3.51	0.0004	0.05	0.3129	1.1027
4	1	4	1.1201	0.2052	65731	5.46	<.0001	0.05	0.7179	1.5222
4	1	5	Non-est	.	.	.	.	.	.	.
4	1	6	Non-est	.	.	.	.	.	.	.
5	0	1	1.2388	0.09331	1	13.28	0.0479	0.05	0.05320	2.4245
5	0	2	0.7732	0.1155	1	6.69	0.0944	0.05	-0.6946	2.2411
5	0	3	0.8993	0.1696	1	5.30	0.1187	0.05	-1.2562	3.0547
5	0	4	1.1810	0.1106	1	10.67	0.0595	0.05	-0.2248	2.5869
5	0	5	Non-est	.	.	.	.	.	.	.
5	0	6	Non-est	.	.	.	.	.	.	.
5	1	1	1.1782	0.09891	1	11.91	0.0533	0.05	-0.07854	2.4349
5	1	2	0.6814	0.1185	1	5.75	0.1097	0.05	-0.8249	2.1876
5	1	3	1.0789	0.2099	1	5.14	0.1223	0.05	-1.5877	3.7454
5	1	4	1.6012	0.1207	1	13.26	0.0479	0.05	0.06742	3.1350
5	1	5	Non-est	.	.	.	.	.	.	.
5	1	6	Non-est	.	.	.	.	.	.	.
6	0	1	0.9765	0.07676	27898	12.72	<.0001	0.05	0.8261	1.1270
6	0	2	0.5012	0.1091	50535	4.59	<.0001	0.05	0.2873	0.7151
6	0	3	0.6230	0.1591	63013	3.92	<.0001	0.05	0.3111	0.9349
6	0	4	1.0456	0.1413	60565	7.40	<.0001	0.05	0.7688	1.3225
6	0	5	Non-est	.	.	.	.	.	.	.
6	0	6	Non-est	.	.	.	.	.	.	.
6	1	1	0.8826	0.07202	23831	12.25	<.0001	0.05	0.7414	1.0237
6	1	2	0.4124	0.1066	49338	3.87	0.0001	0.05	0.2035	0.6214
6	1	3	0.7518	0.1847	64937	4.07	<.0001	0.05	0.3899	1.1137
6	1	4	1.1320	0.1966	65486	5.76	<.0001	0.05	0.7467	1.5172

The GLIMMIX Procedure

MONTH*TOLL_IND*PASSENGER_COUNT Least Squares Means										
MONTH	TOLL_IND	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
6	1	5	Non-est	.	.	.	.	.	.	.
6	1	6	Non-est	.	.	.	.	.	.	.
7	0	1	1.6349	0.07349	25307	22.25	<.0001	0.05	1.4908	1.7789
7	0	2	1.1361	0.08749	37155	12.99	<.0001	0.05	0.9646	1.3076
7	0	3	1.2585	0.1610	63184	7.82	<.0001	0.05	0.9431	1.5740
7	0	4	1.8023	0.1360	59668	13.25	<.0001	0.05	1.5357	2.0690
7	0	5	Non-est	.	.	.	.	.	.	.
7	0	6	Non-est	.	.	.	.	.	.	.
7	1	1	1.5104	0.08314	33605	18.17	<.0001	0.05	1.3474	1.6733
7	1	2	1.1177	0.09689	43947	11.54	<.0001	0.05	0.9278	1.3076
7	1	3	1.4812	0.2126	65921	6.97	<.0001	0.05	1.0645	1.8978
7	1	4	1.2620	0.1803	64756	7.00	<.0001	0.05	0.9085	1.6154
7	1	5	Non-est	.	.	.	.	.	.	.
7	1	6	Non-est	.	.	.	.	.	.	.
8	0	1	1.2225	0.07322	25080	16.70	<.0001	0.05	1.0789	1.3660
8	0	2	0.7586	0.08802	37571	8.62	<.0001	0.05	0.5861	0.9312
8	0	3	0.8730	0.1609	63177	5.43	<.0001	0.05	0.5577	1.1883
8	0	4	1.2868	0.1349	59410	9.54	<.0001	0.05	1.0224	1.5512
8	0	5	Non-est	.	.	.	.	.	.	.
8	0	6	Non-est	.	.	.	.	.	.	.
8	1	1	1.0984	0.08450	34709	13.00	<.0001	0.05	0.9328	1.2640
8	1	2	0.7229	0.09122	39934	7.92	<.0001	0.05	0.5441	0.9017
8	1	3	0.4263	0.1919	65295	2.22	0.0264	0.05	0.05005	0.8024
8	1	4	1.1561	0.2148	66023	5.38	<.0001	0.05	0.7352	1.5771
8	1	5	Non-est	.	.	.	.	.	.	.
8	1	6	Non-est	.	.	.	.	.	.	.
9	0	1	1.5957	0.06002	13914	26.59	<.0001	0.05	1.4780	1.7133
9	0	2	1.1169	0.09839	44722	11.35	<.0001	0.05	0.9241	1.3098
9	0	3	1.2437	0.1514	61993	8.22	<.0001	0.05	0.9470	1.5405
9	0	4	1.6301	0.1321	58691	12.34	<.0001	0.05	1.3712	1.8890
9	0	5	Non-est	.	.	.	.	.	.	.
9	0	6	Non-est	.	.	.	.	.	.	.
9	1	1	1.5076	0.05153	8279	29.26	<.0001	0.05	1.4066	1.6086
9	1	2	0.9402	0.09378	41718	10.03	<.0001	0.05	0.7564	1.1240
9	1	3	1.1150	0.1726	64135	6.46	<.0001	0.05	0.7766	1.4533

The GLIMMIX Procedure

MONTH*TOLL_I*PASSENG Least Squares Means										
MONTH	TOLL_IND	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
9	1	4	1.7099	0.2670	66682	6.40	<.0001	0.05	1.1866	2.2331
9	1	5	Non-est	.	.	.	.	.	.	.
9	1	6	Non-est	.	.	.	.	.	.	.
10	0	1	1.3742	0.08331	33207	16.49	<.0001	0.05	1.2109	1.5375
10	0	2	0.8945	0.1086	50140	8.24	<.0001	0.05	0.6817	1.1072
10	0	3	0.9618	0.1672	63596	5.75	<.0001	0.05	0.6341	1.2896
10	0	4	1.4537	0.1420	60608	10.24	<.0001	0.05	1.1754	1.7320
10	0	5	Non-est	.	.	.	.	.	.	.
10	0	6	Non-est	.	.	.	.	.	.	.
10	1	1	1.3075	0.09836	44327	13.29	<.0001	0.05	1.1148	1.5003
10	1	2	0.8142	0.1175	53978	6.93	<.0001	0.05	0.5840	1.0445
10	1	3	0.6990	0.2001	65490	3.49	0.0005	0.05	0.3068	1.0912
10	1	4	1.0704	0.2065	65803	5.18	<.0001	0.05	0.6657	1.4752
10	1	5	Non-est	.	.	.	.	.	.	.
10	1	6	Non-est	.	.	.	.	.	.	.
11	0	1	1.2279	0.08329	33732	14.74	<.0001	0.05	1.0647	1.3912
11	0	2	0.7557	0.1086	50563	6.96	<.0001	0.05	0.5428	0.9685
11	0	3	0.8495	0.1668	63715	5.09	<.0001	0.05	0.5225	1.1765
11	0	4	1.1988	0.1414	60698	8.48	<.0001	0.05	0.9216	1.4760
11	0	5	Non-est	.	.	.	.	.	.	.
11	0	6	Non-est	.	.	.	.	.	.	.
11	1	1	1.1281	0.09843	44854	11.46	<.0001	0.05	0.9352	1.3211
11	1	2	0.6928	0.1201	55255	5.77	<.0001	0.05	0.4575	0.9282
11	1	3	0.7830	0.2342	66343	3.34	0.0008	0.05	0.3239	1.2421
11	1	4	1.4680	0.1825	64885	8.05	<.0001	0.05	1.1104	1.8256
11	1	5	Non-est	.	.	.	.	.	.	.
11	1	6	Non-est	.	.	.	.	.	.	.
12	0	1	1.4693	0.06851	20957	21.45	<.0001	0.05	1.3350	1.6036
12	0	2	1.0090	0.1045	48440	9.66	<.0001	0.05	0.8042	1.2138
12	0	3	1.0843	0.1543	62457	7.03	<.0001	0.05	0.7818	1.3869
12	0	4	1.4987	0.1369	59834	10.95	<.0001	0.05	1.2304	1.7670
12	0	5	Non-est	.	.	.	.	.	.	.
12	0	6	Non-est	.	.	.	.	.	.	.
12	1	1	1.3507	0.05748	12173	23.50	<.0001	0.05	1.2380	1.4633
12	1	2	0.8722	0.09770	44496	8.93	<.0001	0.05	0.6807	1.0637

The GLIMMIX Procedure

MONTH*TOLL_I*PASSENG Least Squares Means										
MONTH	TOLL_IND	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
12	1	3	1.2573	0.1826	64808	6.89	<.0001	0.05	0.8994	1.6152
12	1	4	1.6934	0.2070	65823	8.18	<.0001	0.05	1.2877	2.0990
12	1	5	Non-est	.	.	.	.	.	.	.
12	1	6	Non-est	.	.	.	.	.	.	.

RATE_CODE*PASSENGER_ Least Squares Means									
RATE_CODE	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
1	1	1.1972	0.01552	1	77.12	0.0083	0.05	1.0000	1.3945
1	2	1.1965	0.01716	1	69.71	0.0091	0.05	0.9784	1.4146
1	3	1.1704	0.02399	1	48.79	0.0130	0.05	0.8656	1.4752
1	4	1.2282	0.03277	1	37.48	0.0170	0.05	0.8118	1.6446
1	5	1.1571	0.01969	1	58.77	0.0108	0.05	0.9070	1.4073
1	6	1.1803	0.02231	1	52.91	0.0120	0.05	0.8969	1.4637
2	1	1.5897	0.02415	1	65.83	0.0097	0.05	1.2829	1.8966
2	2	1.4894	0.03169	1	46.99	0.0135	0.05	1.0867	1.8921
2	3	1.5372	0.05354	1	28.71	0.0222	0.05	0.8569	2.2176
2	4	1.4386	0.08327	1	17.28	0.0368	0.05	0.3805	2.4966
2	5	1.3934	0.04544	1	30.67	0.0208	0.05	0.8161	1.9707
2	6	1.5593	0.05341	1	29.20	0.0218	0.05	0.8807	2.2380
5	1	1.1437	0.07621	1	15.01	0.0424	0.05	0.1754	2.1121
5	2	-0.1946	0.1841	1	-1.06	0.4824	0.05	-2.5342	2.1450
5	3	0.05060	0.4265	2.54	0.12	0.9143	0.05	-1.4568	1.5580
5	4	1.5195	0.2971	1	5.11	0.1229	0.05	-2.2551	5.2940

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha
1	1	1	2	0.000739	0.009239	66908	0.08	0.9362	1.0000	0.05
1	1	1	3	0.02681	0.01915	66893	1.40	0.1616	0.9913	0.05
1	1	1	4	-0.03095	0.02937	66885	-1.05	0.2921	0.9996	0.05
1	1	1	5	0.04009	0.01345	66908	2.98	0.0029	0.1766	0.05
1	1	1	6	0.01693	0.01699	66900	1.00	0.3190	0.9998	0.05
1	1	2	1	-0.3925	0.02032	1	-19.32	0.0329	<.0001	0.05
1	1	2	2	-0.2921	0.02860	1	-10.22	0.0621	<.0001	0.05
1	1	2	3	-0.3400	0.05178	1	-6.57	0.0962	<.0001	0.05
1	1	2	4	-0.2413	0.08213	1	-2.94	0.2088	0.1963	0.05
1	1	2	5	-0.1961	0.04332	1	-4.53	0.1384	0.0007	0.05
1	1	2	6	-0.3621	0.05163	1	-7.01	0.0902	<.0001	0.05
1	1	5	1	0.05350	0.07496	1	0.71	0.6054	1.0000	0.05
1	1	5	2	1.3918	0.1837	1	7.58	0.0835	<.0001	0.05
1	1	5	3	1.1466	0.4263	1.52	2.69	0.1524	0.3369	0.05
1	1	5	4	-0.3222	0.2968	1	-1.09	0.4739	0.9995	0.05
1	2	1	3	0.02607	0.02049	66892	1.27	0.2032	0.9968	0.05
1	2	1	4	-0.03168	0.03025	66885	-1.05	0.2949	0.9997	0.05
1	2	1	5	0.03935	0.01530	66909	2.57	0.0101	0.4181	0.05
1	2	1	6	0.01619	0.01848	66903	0.88	0.3810	1.0000	0.05
1	2	2	1	-0.3932	0.02117	1	-18.57	0.0342	<.0001	0.05
1	2	2	2	-0.2929	0.03055	1	-9.58	0.0662	<.0001	0.05
1	2	2	3	-0.3407	0.05229	1	-6.52	0.0970	<.0001	0.05
1	2	2	4	-0.2421	0.08245	1	-2.94	0.2090	0.1974	0.05
1	2	2	5	-0.1969	0.04391	1	-4.48	0.1397	0.0008	0.05
1	2	2	6	-0.3628	0.05216	1	-6.96	0.0909	<.0001	0.05
1	2	5	1	0.05276	0.07544	1	0.70	0.6114	1.0000	0.05
1	2	5	2	1.3911	0.1838	1	7.57	0.0836	<.0001	0.05
1	2	5	3	1.1459	0.4264	1.521	2.69	0.1524	0.3385	0.05
1	2	5	4	-0.3230	0.2968	1	-1.09	0.4731	0.9995	0.05
1	3	1	4	-0.05775	0.03461	66888	-1.67	0.0952	0.9549	0.05
1	3	1	5	0.01328	0.02270	66900	0.59	0.5585	1.0000	0.05
1	3	1	6	-0.00988	0.02496	66893	-0.40	0.6923	1.0000	0.05
1	3	2	1	-0.4193	0.02696	1	-15.55	0.0409	<.0001	0.05
1	3	2	2	-0.3189	0.03392	1	-9.40	0.0674	<.0001	0.05

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer							
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Lower	Upper	Adj Lower	Adj Upper
1	1	1	2	-0.01737	0.01885	-0.03091	0.03239
1	1	1	3	-0.01073	0.06435	-0.03881	0.09243
1	1	1	4	-0.08851	0.02662	-0.1316	0.06969
1	1	1	5	0.01374	0.06645	-0.00598	0.08616
1	1	1	6	-0.01637	0.05024	-0.04128	0.07515
1	1	2	1	-0.6507	-0.1343	-0.4621	-0.3229
1	1	2	2	-0.6555	0.07123	-0.3901	-0.1941
1	1	2	3	-0.9979	0.3180	-0.5174	-0.1626
1	1	2	4	-1.2849	0.8023	-0.5227	0.04009
1	1	2	5	-0.7465	0.3542	-0.3446	-0.04774
1	1	2	6	-1.0181	0.2939	-0.5390	-0.1852
1	1	5	1	-0.8990	1.0060	-0.2033	0.3103
1	1	5	2	-0.9417	3.7254	0.7626	2.0211
1	1	5	3	-1.3718	3.6651	-0.3139	2.6072
1	1	5	4	-4.0931	3.4487	-1.3390	0.6946
1	2	1	3	-0.01409	0.06623	-0.04413	0.09627
1	2	1	4	-0.09097	0.02760	-0.1353	0.07195
1	2	1	5	0.009369	0.06933	-0.01306	0.09176
1	2	1	6	-0.02004	0.05242	-0.04714	0.07952
1	2	2	1	-0.6622	-0.1242	-0.4658	-0.3207
1	2	2	2	-0.6811	0.09537	-0.3975	-0.1882
1	2	2	3	-1.0052	0.3237	-0.5199	-0.1616
1	2	2	4	-1.2897	0.8056	-0.5246	0.04045
1	2	2	5	-0.7548	0.3610	-0.3473	-0.04644
1	2	2	6	-1.0255	0.2998	-0.5415	-0.1842
1	2	5	1	-0.9058	1.0113	-0.2057	0.3112
1	2	5	2	-0.9444	3.7266	0.7613	2.0209
1	2	5	3	-1.3700	3.6618	-0.3150	2.6068
1	2	5	4	-4.0936	3.4477	-1.3397	0.6938
1	3	1	4	-0.1256	0.01009	-0.1763	0.06083
1	3	1	5	-0.03121	0.05777	-0.06449	0.09105
1	3	1	6	-0.05880	0.03904	-0.09539	0.07564
1	3	2	1	-0.7618	-0.07677	-0.5117	-0.3269
1	3	2	2	-0.7499	0.1120	-0.4351	-0.2027

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha
1	3	2	3	-0.3668	0.05698	1	-6.44	0.0981	<.0001	0.05
1	3	2	4	-0.2681	0.08409	1	-3.19	0.1935	0.1021	0.05
1	3	2	5	-0.2230	0.04699	1	-4.74	0.1322	0.0002	0.05
1	3	2	6	-0.3889	0.05475	1	-7.10	0.0890	<.0001	0.05
1	3	5	1	0.02669	0.07719	1	0.35	0.7880	1.0000	0.05
1	3	5	2	1.3650	0.1846	1	7.40	0.0856	<.0001	0.05
1	3	5	3	1.1198	0.4259	1.515	2.63	0.1576	0.3778	0.05
1	3	5	4	-0.3490	0.2973	1	-1.17	0.4492	0.9987	0.05
1	4	1	5	0.07104	0.03180	66892	2.23	0.0255	0.6730	0.05
1	4	1	6	0.04788	0.03347	66891	1.43	0.1525	0.9891	0.05
1	4	2	1	-0.3615	0.03511	1	-10.30	0.0616	<.0001	0.05
1	4	2	2	-0.2612	0.04068	1	-6.42	0.0984	<.0001	0.05
1	4	2	3	-0.3090	0.05932	1	-5.21	0.1207	<.0001	0.05
1	4	2	4	-0.2104	0.09282	1	-2.27	0.2645	0.6489	0.05
1	4	2	5	-0.1652	0.05209	1	-3.17	0.1944	0.1070	0.05
1	4	2	6	-0.3312	0.05921	1	-5.59	0.1126	<.0001	0.05
1	4	5	1	0.08445	0.08052	1	1.05	0.4848	0.9997	0.05
1	4	5	2	1.4228	0.1860	1	7.65	0.0828	<.0001	0.05
1	4	5	3	1.1776	0.4273	1.535	2.76	0.1461	0.2951	0.05
1	4	5	4	-0.2913	0.2961	1	-0.98	0.5053	0.9998	0.05
1	5	1	6	-0.02316	0.02090	66905	-1.11	0.2679	0.9993	0.05
1	5	2	1	-0.4326	0.02330	1	-18.57	0.0343	<.0001	0.05
1	5	2	2	-0.3322	0.03106	1	-10.70	0.0593	<.0001	0.05
1	5	2	3	-0.3801	0.05317	1	-7.15	0.0885	<.0001	0.05
1	5	2	4	-0.2814	0.08301	1	-3.39	0.1826	0.0560	0.05
1	5	2	5	-0.2362	0.04696	1	-5.03	0.1249	<.0001	0.05
1	5	2	6	-0.4022	0.05304	1	-7.58	0.0835	<.0001	0.05
1	5	5	1	0.01341	0.07596	1	0.18	0.8887	1.0000	0.05
1	5	5	2	1.3518	0.1840	1	7.34	0.0861	<.0001	0.05
1	5	5	3	1.1065	0.4265	1.522	2.59	0.1596	0.4020	0.05
1	5	5	4	-0.3623	0.2970	1	-1.22	0.4371	0.9980	0.05
1	6	2	1	-0.4094	0.02546	1	-16.08	0.0395	<.0001	0.05
1	6	2	2	-0.3090	0.03272	1	-9.44	0.0672	<.0001	0.05
1	6	2	3	-0.3569	0.05418	1	-6.59	0.0959	<.0001	0.05

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer							
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Lower	Upper	Adj Lower	Adj Upper
1	3	2	3	-1.0907	0.3571	-0.5620	-0.1716
1	3	2	4	-1.3366	0.8004	-0.5562	0.01999
1	3	2	5	-0.8200	0.3741	-0.3840	-0.06196
1	3	2	6	-1.0846	0.3068	-0.5765	-0.2013
1	3	5	1	-0.9542	1.0075	-0.2378	0.2912
1	3	5	2	-0.9799	3.7100	0.7327	1.9973
1	3	5	3	-1.4087	3.6483	-0.3394	2.5791
1	3	5	4	-4.1268	3.4287	-1.3677	0.6696
1	4	1	5	0.008707	0.1334	-0.03792	0.1800
1	4	1	6	-0.01772	0.1135	-0.06678	0.1625
1	4	2	1	-0.8077	0.08461	-0.4819	-0.2412
1	4	2	2	-0.7780	0.2557	-0.4005	-0.1218
1	4	2	3	-1.0628	0.4447	-0.5123	-0.1058
1	4	2	4	-1.3897	0.9690	-0.5284	0.1076
1	4	2	5	-0.8270	0.4966	-0.3437	0.01325
1	4	2	6	-1.0835	0.4211	-0.5340	-0.1283
1	4	5	1	-0.9387	1.1076	-0.1914	0.3603
1	4	5	2	-0.9405	3.7861	0.7855	2.0600
1	4	5	3	-1.3139	3.6690	-0.2865	2.6417
1	4	5	4	-4.0538	3.4713	-1.3058	0.7233
1	5	1	6	-0.06413	0.01781	-0.09478	0.04846
1	5	2	1	-0.7286	-0.1366	-0.5124	-0.3528
1	5	2	2	-0.7268	0.06243	-0.4386	-0.2258
1	5	2	3	-1.0557	0.2955	-0.5622	-0.1979
1	5	2	4	-1.3362	0.7733	-0.5658	0.002998
1	5	2	5	-0.8330	0.3605	-0.3971	-0.07534
1	5	2	6	-1.0762	0.2718	-0.5839	-0.2205
1	5	5	1	-0.9518	0.9786	-0.2469	0.2737
1	5	5	2	-0.9867	3.6902	0.7212	1.9823
1	5	5	3	-1.4078	3.6209	-0.3545	2.5676
1	5	5	4	-4.1361	3.4115	-1.3799	0.6553
1	6	2	1	-0.7330	-0.08588	-0.4967	-0.3222
1	6	2	2	-0.7248	0.1067	-0.4212	-0.1969
1	6	2	3	-1.0453	0.3315	-0.5425	-0.1713

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha
1	6	2	4	-0.2582	0.08361	1	-3.09	0.1993	0.1341	0.05
1	6	2	5	-0.2131	0.04610	1	-4.62	0.1356	0.0004	0.05
1	6	2	6	-0.3790	0.05625	1	-6.74	0.0938	<.0001	0.05
1	6	5	1	0.03657	0.07667	1	0.48	0.7167	1.0000	0.05
1	6	5	2	1.3749	0.1843	1	7.46	0.0848	<.0001	0.05
1	6	5	3	1.1297	0.4266	1.524	2.65	0.1551	0.3647	0.05
1	6	5	4	-0.3391	0.2972	1	-1.14	0.4581	0.9991	0.05
2	1	2	2	0.1004	0.02676	66883	3.75	0.0002	0.0164	0.05
2	1	2	3	0.05251	0.05093	66887	1.03	0.3025	0.9997	0.05
2	1	2	4	0.1512	0.08132	66892	1.86	0.0630	0.8943	0.05
2	1	2	5	0.1963	0.04205	66901	4.67	<.0001	0.0003	0.05
2	1	2	6	0.03038	0.05059	66893	0.60	0.5481	1.0000	0.05
2	1	5	1	0.4460	0.07671	1	5.81	0.1084	<.0001	0.05
2	1	5	2	1.7843	0.1843	1	9.68	0.0655	<.0001	0.05
2	1	5	3	1.5391	0.4263	4.385	3.61	0.0193	0.0271	0.05
2	1	5	4	0.07028	0.2972	1.046	0.24	0.8509	1.0000	0.05
2	2	2	3	-0.04787	0.05479	66887	-0.87	0.3823	1.0000	0.05
2	2	2	4	0.05080	0.08388	66893	0.61	0.5448	1.0000	0.05
2	2	2	5	0.09597	0.04672	66900	2.05	0.0400	0.7943	0.05
2	2	2	6	-0.06999	0.05455	66895	-1.28	0.1995	0.9965	0.05
2	2	5	1	0.3456	0.07936	1	4.35	0.1437	0.0014	0.05
2	2	5	2	1.6840	0.1856	1	9.07	0.0699	<.0001	0.05
2	2	5	3	1.4388	0.4268	4.405	3.37	0.0241	0.0594	0.05
2	2	5	4	-0.03010	0.2979	1.056	-0.10	0.9352	1.0000	0.05
2	3	2	4	0.09866	0.09436	66891	1.05	0.2958	0.9997	0.05
2	3	2	5	0.1438	0.06378	66904	2.26	0.0241	0.6574	0.05
2	3	2	6	-0.02213	0.06964	66888	-0.32	0.7507	1.0000	0.05
2	3	5	1	0.3935	0.09034	1	4.36	0.1437	0.0014	0.05
2	3	5	2	1.7318	0.1904	1	9.10	0.0697	<.0001	0.05
2	3	5	3	1.4866	0.4292	4.505	3.46	0.0213	0.0443	0.05
2	3	5	4	0.01777	0.3010	1.101	0.06	0.9618	1.0000	0.05
2	4	2	5	0.04517	0.08990	66895	0.50	0.6153	1.0000	0.05
2	4	2	6	-0.1208	0.09425	66884	-1.28	0.2000	0.9965	0.05
2	4	5	1	0.2948	0.1105	1	2.67	0.2283	0.3515	0.05

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer							
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Lower	Upper	Adj Lower	Adj Upper
1	6	2	4	-1.3206	0.8041	-0.5447	0.02821
1	6	2	5	-0.7988	0.3726	-0.3710	-0.05515
1	6	2	6	-1.0937	0.3357	-0.5718	-0.1863
1	6	5	1	-0.9376	1.0108	-0.2261	0.2993
1	6	5	2	-0.9674	3.7172	0.7433	2.0065
1	6	5	3	-1.3815	3.6409	-0.3318	2.5912
1	6	5	4	-4.1152	3.4369	-1.3574	0.6791
2	1	2	2	0.04793	0.1528	0.008700	0.1921
2	1	2	3	-0.04731	0.1523	-0.1220	0.2270
2	1	2	4	-0.00820	0.3106	-0.1274	0.4298
2	1	2	5	0.1139	0.2788	0.05228	0.3404
2	1	2	6	-0.06878	0.1295	-0.1430	0.2037
2	1	5	1	-0.5287	1.4207	0.1832	0.7088
2	1	5	2	-0.5576	4.1263	1.1529	2.4158
2	1	5	3	0.3955	2.6828	0.07866	2.9996
2	1	5	4	-3.3372	3.4777	-0.9480	1.0885
2	2	2	3	-0.1553	0.05953	-0.2356	0.1399
2	2	2	4	-0.1136	0.2152	-0.2366	0.3382
2	2	2	5	0.004392	0.1875	-0.06411	0.2560
2	2	2	6	-0.1769	0.03693	-0.2569	0.1169
2	2	5	1	-0.6628	1.3540	0.07370	0.6175
2	2	5	2	-0.6740	4.0419	1.0482	2.3198
2	2	5	3	0.2956	2.5819	-0.02340	2.9009
2	2	5	4	-3.3749	3.3147	-1.0508	0.9906
2	3	2	4	-0.08629	0.2836	-0.2246	0.4220
2	3	2	5	0.01882	0.2689	-0.07470	0.3624
2	3	2	6	-0.1586	0.1144	-0.2607	0.2165
2	3	5	1	-0.7544	1.5414	0.08396	0.7030
2	3	5	2	-0.6870	4.1506	1.0796	2.3841
2	3	5	3	0.3459	2.6273	0.01618	2.9571
2	3	5	4	-3.0727	3.1082	-1.0136	1.0492
2	4	2	5	-0.1310	0.2214	-0.2628	0.3532
2	4	2	6	-0.3055	0.06393	-0.4437	0.2021
2	4	5	1	-1.1093	1.6990	-0.08380	0.6734

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha
2	4	5	2	1.6332	0.2007	1	8.14	0.0778	<.0001	0.05
2	4	5	3	1.3880	0.4336	4.69	3.20	0.0262	0.0985	0.05
2	4	5	4	-0.08090	0.3092	1.225	-0.26	0.8307	1.0000	0.05
2	5	2	6	-0.1660	0.06342	66900	-2.62	0.0089	0.3864	0.05
2	5	5	1	0.2497	0.08579	1	2.91	0.2107	0.2098	0.05
2	5	5	2	1.5880	0.1883	1	8.43	0.0751	<.0001	0.05
2	5	5	3	1.3428	0.4280	4.456	3.14	0.0301	0.1177	0.05
2	5	5	4	-0.1261	0.2997	1.081	-0.42	0.7423	1.0000	0.05
2	6	5	1	0.4156	0.09025	1	4.61	0.1361	0.0005	0.05
2	6	5	2	1.7540	0.1904	1	9.21	0.0688	<.0001	0.05
2	6	5	3	1.5087	0.4289	4.492	3.52	0.0202	0.0371	0.05
2	6	5	4	0.03989	0.3010	1.1	0.13	0.9146	1.0000	0.05
5	1	5	2	1.3383	0.2039	66898	6.56	<.0001	<.0001	0.05
5	1	5	3	1.0931	0.4255	66937	2.57	0.0102	0.4206	0.05
5	1	5	4	-0.3757	0.3139	66884	-1.20	0.2314	0.9984	0.05
5	2	5	3	-0.2452	0.4801	66935	-0.51	0.6095	1.0000	0.05
5	2	5	4	-1.7141	0.3472	66885	-4.94	<.0001	<.0001	0.05
5	3	5	4	-1.4689	0.5342	66923	-2.75	0.0060	0.2989	0.05

The GLIMMIX Procedure

Differences of RATE_CODE*PASSENGER_Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer							
RATE_CODE	PASSENGER_COUNT	_RATE_CODE	_PASSENGER_COUNT	Lower	Upper	Adj Lower	Adj Upper
2	4	5	2	-0.9166	4.1829	0.9456	2.3207
2	4	5	3	0.2509	2.5250	-0.09747	2.8734
2	4	5	4	-2.6553	2.4935	-1.1404	0.9786
2	5	2	6	-0.2903	-0.04166	-0.3832	0.05132
2	5	5	1	-0.8404	1.3397	-0.04428	0.5436
2	5	5	2	-0.8044	3.9804	0.9429	2.2331
2	5	5	3	0.2009	2.4846	-0.1236	2.8092
2	5	5	4	-3.3214	3.0692	-1.1528	0.9007
2	6	5	1	-0.7311	1.5623	0.1064	0.7248
2	6	5	2	-0.6647	4.1726	1.1018	2.4061
2	6	5	3	0.3678	2.6497	0.03935	2.9781
2	6	5	4	-3.0525	3.1323	-0.9914	1.0712
5	1	5	2	0.9388	1.7379	0.6399	2.0368
5	1	5	3	0.2591	1.9272	-0.3648	2.5510
5	1	5	4	-0.9911	0.2396	-1.4514	0.6999
5	2	5	3	-1.1861	0.6957	-1.8900	1.3996
5	2	5	4	-2.3947	-1.0335	-2.9038	-0.5244
5	3	5	4	-2.5159	-0.4218	-3.2992	0.3615

TOLL_IND*PASSENGER_C Least Squares Means									
TOLL_IND	PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
0	1	1.3562	0.03138	1	43.22	0.0147	0.05	0.9575	1.7549
0	2	0.8763	0.07114	2.404	12.32	0.0031	0.05	0.6147	1.1380
0	3	0.9794	0.1403	35.09	6.98	<.0001	0.05	0.6945	1.2642
0	4	1.3969	0.1085	12.77	12.88	<.0001	0.05	1.1621	1.6316
0	5	Non-est	.	.	.	.	.	.	.
0	6	Non-est	.	.	.	.	.	.	.
1	1	1.2642	0.04493	1	28.14	0.0226	0.05	0.6934	1.8351
1	2	0.7845	0.06610	1.796	11.87	0.0103	0.05	0.4668	1.1022
1	3	0.8595	0.1543	50.86	5.57	<.0001	0.05	0.5496	1.1693
1	4	1.3939	0.1124	14.68	12.41	<.0001	0.05	1.1540	1.6339
1	5	Non-est	.	.	.	.	.	.	.
1	6	Non-est	.	.	.	.	.	.	.

The GLIMMIX Procedure

Differences of TOLL_IND*PASSENGER_CLeast Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
TOLL_IND	PASSENGER_COUNT	_TOLL_IND	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha
0	1	0	2	0.4799	0.06892	66898	6.96	<.0001	<.0001	0.05
0	1	0	3	0.3769	0.1430	66937	2.63	0.0084	0.2600	0.05
0	1	0	4	-0.04062	0.1094	66885	-0.37	0.7104	1.0000	0.05
0	1	0	5	Non-est	.	.	.	.	.	.
0	1	0	6	Non-est	.	.	.	.	.	.
0	1	1	1	0.09201	0.04959	66941	1.86	0.0636	0.7869	0.05
0	1	1	2	0.5717	0.07373	66904	7.75	<.0001	<.0001	0.05
0	1	1	3	0.4968	0.1612	66941	3.08	0.0021	0.0864	0.05
0	1	1	4	-0.03769	0.1192	66893	-0.32	0.7519	1.0000	0.05
0	1	1	5	Non-est	.	.	.	.	.	.
0	1	1	6	Non-est	.	.	.	.	.	.
0	2	0	3	-0.1030	0.1613	66935	-0.64	0.5231	1.0000	0.05
0	2	0	4	-0.5205	0.1204	66886	-4.32	<.0001	0.0009	0.05
0	2	0	5	Non-est	.	.	.	.	.	.
0	2	0	6	Non-est	.	.	.	.	.	.
0	2	1	1	-0.3879	0.09434	66925	-4.11	<.0001	0.0023	0.05
0	2	1	2	0.09184	0.05155	66942	1.78	0.0748	0.8285	0.05
0	2	1	3	0.01685	0.1824	66939	0.09	0.9264	1.0000	0.05
0	2	1	4	-0.5176	0.1360	66900	-3.80	0.0001	0.0079	0.05
0	2	1	5	Non-est	.	.	.	.	.	.
0	2	1	6	Non-est	.	.	.	.	.	.
0	3	0	4	-0.4175	0.1817	66920	-2.30	0.0216	0.4778	0.05
0	3	0	5	Non-est	.	.	.	.	.	.
0	3	0	6	Non-est	.	.	.	.	.	.
0	3	1	1	-0.2849	0.1432	66928	-1.99	0.0466	0.7007	0.05
0	3	1	2	0.1949	0.1561	66927	1.25	0.2118	0.9849	0.05
0	3	1	3	0.1199	0.06161	66923	1.95	0.0517	0.7302	0.05
0	3	1	4	-0.4146	0.1814	66914	-2.29	0.0223	0.4870	0.05
0	3	1	5	Non-est	.	.	.	.	.	.
0	3	1	6	Non-est	.	.	.	.	.	.
0	4	0	5	Non-est	.	.	.	.	.	.
0	4	0	6	Non-est	.	.	.	.	.	.
0	4	1	1	0.1326	0.1251	66904	1.06	0.2892	0.9962	0.05
0	4	1	2	0.6124	0.1282	66895	4.78	<.0001	0.0001	0.05

The GLIMMIX Procedure

Differences of TOLL_IND*PASSENGER_C Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer							
TOLL_IND	PASSENGER_COUNT	_TOLL_IND	_PASSENGER_COUNT	Lower	Upper	Adj Lower	Adj Upper
0	1	0	2	0.3448	0.6150	0.2547	0.7052
0	1	0	3	0.09653	0.6572	-0.09059	0.8444
0	1	0	4	-0.2550	0.1738	-0.3982	0.3169
0	1	0	5	.	.	.	.
0	1	0	6	.	.	.	.
0	1	1	1	-0.00519	0.1892	-0.07007	0.2541
0	1	1	2	0.4272	0.7163	0.3308	0.8127
0	1	1	3	0.1809	0.8126	-0.02992	1.0234
0	1	1	4	-0.2714	0.1960	-0.4274	0.3520
0	1	1	5	.	.	.	.
0	1	1	6	.	.	.	.
0	2	0	3	-0.4192	0.2132	-0.6302	0.4242
0	2	0	4	-0.7566	-0.2845	-0.9142	-0.1269
0	2	0	5	.	.	.	.
0	2	0	6	.	.	.	.
0	2	1	1	-0.5728	-0.2030	-0.6962	-0.07958
0	2	1	2	-0.00920	0.1929	-0.07664	0.2603
0	2	1	3	-0.3407	0.3744	-0.5793	0.6130
0	2	1	4	-0.7842	-0.2510	-0.9622	-0.07302
0	2	1	5	.	.	.	.
0	2	1	6	.	.	.	.
0	3	0	4	-0.7736	-0.06143	-1.0112	0.1762
0	3	0	5	.	.	.	.
0	3	0	6	.	.	.	.
0	3	1	1	-0.5655	-0.00425	-0.7528	0.1830
0	3	1	2	-0.1110	0.5007	-0.3151	0.7049
0	3	1	3	-0.00088	0.2406	-0.08147	0.3212
0	3	1	4	-0.7701	-0.05903	-1.0074	0.1783
0	3	1	5	.	.	.	.
0	3	1	6	.	.	.	.
0	4	0	5	.	.	.	.
0	4	0	6	.	.	.	.
0	4	1	1	-0.1126	0.3779	-0.2763	0.5416
0	4	1	2	0.3612	0.8635	0.1935	1.0312

The GLIMMIX Procedure

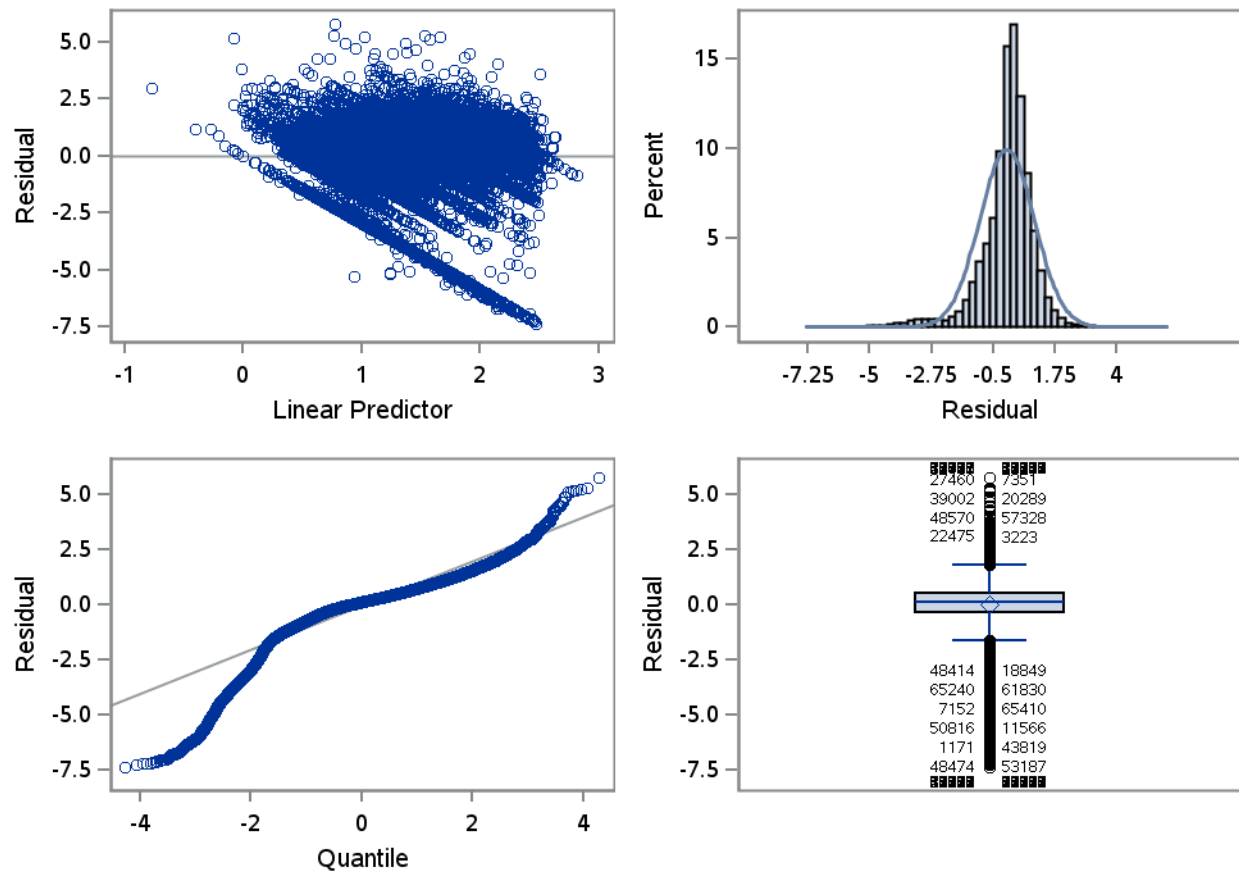
Differences of TOLL_IND*PASSENGER_COUNT Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer										
TOLL_IND	PASSENGER_COUNT	_TOLL_IND	_PASSENGER_COUNT	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha
0	4	1	3	0.5374	0.1995	66927	2.69	0.0071	0.2290	0.05
0	4	1	4	0.002929	0.07572	66922	0.04	0.9691	1.0000	0.05
0	4	1	5	Non-est	.	.	.	.	.	.
0	4	1	6	Non-est	.	.	.	.	.	.
0	5	0	6	-0.07457	0.03578	66898	-2.08	0.0372	0.6344	0.05
0	5	1	1	Non-est	.	.	.	.	.	.
0	5	1	2	Non-est	.	.	.	.	.	.
0	5	1	3	Non-est	.	.	.	.	.	.
0	5	1	4	Non-est	.	.	.	.	.	.
0	5	1	5	0.1247	0.05549	66939	2.25	0.0247	0.5153	0.05
0	5	1	6	0.01011	0.06274	66932	0.16	0.8720	1.0000	0.05
0	6	1	1	Non-est	.	.	.	.	.	.
0	6	1	2	Non-est	.	.	.	.	.	.
0	6	1	3	Non-est	.	.	.	.	.	.
0	6	1	4	Non-est	.	.	.	.	.	.
0	6	1	5	0.1992	0.06159	66930	3.23	0.0012	0.0553	0.05
0	6	1	6	0.08468	0.05914	66932	1.43	0.1522	0.9574	0.05
1	1	1	2	0.4797	0.06931	66899	6.92	<.0001	<.0001	0.05
1	1	1	3	0.4047	0.1456	66935	2.78	0.0054	0.1886	0.05
1	1	1	4	-0.1297	0.1146	66884	-1.13	0.2577	0.9933	0.05
1	1	1	5	Non-est	.	.	.	.	.	.
1	1	1	6	Non-est	.	.	.	.	.	.
1	2	1	3	-0.07499	0.1637	66933	-0.46	0.6470	1.0000	0.05
1	2	1	4	-0.6094	0.1251	66884	-4.87	<.0001	<.0001	0.05
1	2	1	5	Non-est	.	.	.	.	.	.
1	2	1	6	Non-est	.	.	.	.	.	.
1	3	1	4	-0.5345	0.1868	66919	-2.86	0.0042	0.1551	0.05
1	3	1	5	Non-est	.	.	.	.	.	.
1	3	1	6	Non-est	.	.	.	.	.	.
1	4	1	5	Non-est	.	.	.	.	.	.
1	4	1	6	Non-est	.	.	.	.	.	.
1	5	1	6	-0.1146	0.03993	66910	-2.87	0.0041	0.1522	0.05

The GLIMMIX Procedure

Differences of TOLL_IND*PASSENGER_C Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer							
TOLL_IND	PASSENGER_COUNT	_TOLL_IND	_PASSENGER_COUNT	Lower	Upper	Adj Lower	Adj Upper
0	4	1	3	0.1464	0.9283	-0.1145	1.1893
0	4	1	4	-0.1455	0.1513	-0.2445	0.2504
0	4	1	5	.	.	.	.
0	4	1	6	.	.	.	.
0	5	0	6	-0.1447	-0.00443	-0.1915	0.04237
0	5	1	1	.	.	.	.
0	5	1	2	.	.	.	.
0	5	1	3	.	.	.	.
0	5	1	4	.	.	.	.
0	5	1	5	0.01591	0.2334	-0.05668	0.3060
0	5	1	6	-0.1129	0.1331	-0.1949	0.2151
0	6	1	1	.	.	.	.
0	6	1	2	.	.	.	.
0	6	1	3	.	.	.	.
0	6	1	4	.	.	.	.
0	6	1	5	0.07852	0.3199	-0.00204	0.4005
0	6	1	6	-0.03123	0.2006	-0.1086	0.2779
1	1	1	2	0.3439	0.6156	0.2532	0.7063
1	1	1	3	0.1194	0.6901	-0.07111	0.8806
1	1	1	4	-0.3543	0.09490	-0.5042	0.2448
1	1	1	5	.	.	.	.
1	1	1	6	.	.	.	.
1	2	1	3	-0.3959	0.2459	-0.6101	0.4601
1	2	1	4	-0.8546	-0.3642	-1.0183	-0.2006
1	2	1	5	.	.	.	.
1	2	1	6	.	.	.	.
1	3	1	4	-0.9006	-0.1683	-1.1450	0.07605
1	3	1	5	.	.	.	.
1	3	1	6	.	.	.	.
1	4	1	5	.	.	.	.
1	4	1	6	.	.	.	.
1	5	1	6	-0.1928	-0.03629	-0.2451	0.01595

The GLIMMIX Procedure

Conditional Studentized Residuals for LOG_TIP



The UNIVARIATE Procedure
Variable: PRESID (Pearson Residual)

Moments			
N	67193	Sum Weights	67193
Mean	0	Sum Observations	0
Std Deviation	0.99781235	Variance	0.99562948
Skewness	-1.7373071	Kurtosis	6.92549714
Uncorrected SS	66898.3361	Corrected SS	66898.3361
Coeff Variation	.	Std Error Mean	0.00384935

Basic Statistical Measures			
Location		Variability	
Mean	0.00000	Std Deviation	0.99781
Median	0.13593	Variance	0.99563
Mode	-0.60502	Range	13.00854
		Interquartile Range	0.86550

Note: The mode displayed is the smallest of 14 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	0	Pr > |t|	1.0000
Sign	M	6172.5	Pr >= |M|	<.0001
Signed Rank	S	1.722E8	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	5.748551
99%	1.921273
95%	1.257086
90%	0.964720
75% Q3	0.536403
50% Median	0.135931
25% Q1	-0.329095
10%	-1.062298
5%	-1.651476
1%	-3.762927
0% Min	-7.259986

The UNIVARIATE Procedure
Variable: PRESID (Pearson Residual)

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-7.25999	43291	4.88144	19345
-7.21505	51549	4.92406	7002
-7.17223	1725	5.18442	40445
-7.15698	62503	5.21654	3348
-7.14309	6645	5.74855	50667