

GLM 过程

分类水平信息		
分类	水平	值
weather_code	7	1 2 3 4 7 10 26
is_weekend	2	0 1
is_holiday	2	0 1
season	4	0 1 2 3

读取的观测数	17413
使用的观测数	17413

GLM 过程

因变量: log_cnt

源	自由度	平方和	均方	F 值	Pr > F
模型	67	3665.11355	54.70319	37.65	<.0001
误差	17345	25202.97141	1.45304		
校正合计	17412	28868.08495			

R 方	变异系数	均方根误差	log_cnt 均值
0.126961	18.73135	1.205421	6.435313

源	自由度	I 型 SS	均方	F 值	Pr > F
weather_code	6	2457.837457	409.639576	281.92	<.0001
is_weekend	1	3.391140	3.391140	2.33	0.1266
weather_c*is_weekend	6	161.233165	26.872194	18.49	<.0001
is_holiday	1	55.455268	55.455268	38.17	<.0001
weather_c*is_holiday	5	11.730320	2.346064	1.61	0.1523
is_weeken*is_holiday	0	0.000000	.	.	.
weathe*is_wee*is_hol	0	0.000000	.	.	.
season	3	646.486090	215.495363	148.31	<.0001
weather_code*season	17	175.528291	10.325194	7.11	<.0001
is_weekend*season	3	55.017899	18.339300	12.62	<.0001
weathe*is_wee*season	15	37.859857	2.523990	1.74	0.0375
is_holiday*season	2	0.287431	0.143716	0.10	0.9058
weathe*is_hol*season	8	60.286629	7.535829	5.19	<.0001
is_wee*is_hol*season	0	0.000000	.	.	.
weat*is_w*is_h*seaso	0	0.000000	.	.	.

源	自由度	III 型 SS	均方	F 值	Pr > F
weather_code	6	164.5054565	27.4175761	18.87	<.0001
is_weekend	1	1.0083562	1.0083562	0.69	0.4048
weather_c*is_weekend	6	194.0319234	32.3386539	22.26	<.0001
is_holiday	1	0.2591889	0.2591889	0.18	0.6728
weather_c*is_holiday	5	14.6855439	2.9371088	2.02	0.0723
is_weeken*is_holiday	0	0.0000000	.	.	.

源	自由度	III 型 SS	均方	F 值	Pr > F
weathe*is_wee*is_hol	0	0.0000000	.	.	.
season	3	9.9437283	3.3145761	2.28	0.0771
weather_code*season	17	110.3159453	6.4891733	4.47	<.0001
is_weekend*season	3	13.1038333	4.3679444	3.01	0.0291
weathe*is_wee*season	15	40.7518366	2.7167891	1.87	0.0214
is_holiday*season	2	0.2713623	0.1356812	0.09	0.9109
weathe*is_hol*season	8	60.2866289	7.5358286	5.19	<.0001
is_wee*is_hol*season	0	0.0000000	.	.	.
weat*is_w*is_h*seaso	0	0.0000000	.	.	.

参数	估计		标准 误差	t 值	Pr > t
截距	7.685864035	B	1.42406160	5.40	<.0001
weather_code 1	-2.246946301	B	1.43120503	-1.57	0.1164
weather_code 2	-2.921678400	B	1.47316805	-1.98	0.0474
weather_code 3	-1.768793392	B	1.48201694	-1.19	0.2327
weather_code 4	-1.703393011	B	1.58858826	-1.07	0.2836
weather_code 7	-1.423308778	B	1.39275389	-1.02	0.3068
weather_code 10	-0.629221109	B	2.24113218	-0.28	0.7789
weather_code 26	0.000000000	B	.	.	.
is_weekend 0	0.076380797	B	0.36687511	0.21	0.8351
is_weekend 1	0.000000000	B	.	.	.
weather_c*is_weekend 1 0	0.223933656	B	0.37570639	0.60	0.5512
weather_c*is_weekend 1 1	0.000000000	B	.	.	.
weather_c*is_weekend 2 0	0.309792110	B	0.38049376	0.81	0.4156
weather_c*is_weekend 2 1	0.000000000	B	.	.	.
weather_c*is_weekend 3 0	0.230133063	B	0.37625960	0.61	0.5408
weather_c*is_weekend 3 1	0.000000000	B	.	.	.
weather_c*is_weekend 4 0	-0.356901707	B	0.38198436	-0.93	0.3501
weather_c*is_weekend 4 1	0.000000000	B	.	.	.
weather_c*is_weekend 7 0	0.105735322	B	0.38048986	0.28	0.7811
weather_c*is_weekend 7 1	0.000000000	B	.	.	.
weather_c*is_weekend 10 0	1.142695827	B	1.87390296	0.61	0.5420
weather_c*is_weekend 10 1	0.000000000	B	.	.	.
weather_c*is_weekend 26 0	0.000000000	B	.	.	.
weather_c*is_weekend 26 1	0.000000000	B	.	.	.
is_holiday 0	-2.846373922	B	1.39695228	-2.04	0.0416
is_holiday 1	0.000000000	B	.	.	.
weather_c*is_holiday 1 0	3.172139658	B	1.40253628	2.26	0.0237
weather_c*is_holiday 1 1	0.000000000	B	.	.	.
weather_c*is_holiday 2 0	4.299760610	B	1.44413956	2.98	0.0029
weather_c*is_holiday 2 1	0.000000000	B	.	.	.
weather_c*is_holiday 3 0	3.129809607	B	1.45436611	2.15	0.0314
weather_c*is_holiday 3 1	0.000000000	B	.	.	.
weather_c*is_holiday 4 0	2.874825872	B	1.56207660	1.84	0.0657
weather_c*is_holiday 4 1	0.000000000	B	.	.	.
weather_c*is_holiday 7 0	2.149524467	B	1.36267625	1.58	0.1147

参数	估计		标准 误差	t 值	Pr > t
weather_c*is_holiday 7 1	0.000000000	B	.	.	.
weather_c*is_holiday 10 0	0.000000000	B	.	.	.
weather_c*is_holiday 26 0	0.000000000	B	.	.	.
weather_c*is_holiday 26 1	0.000000000	B	.	.	.
is_weeken*is_holiday 0 0	0.000000000	B	.	.	.
is_weeken*is_holiday 0 1	0.000000000	B	.	.	.
is_weeken*is_holiday 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 1 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 1 0 1	0.000000000	B	.	.	.
weathe*is_wee*is_hol 1 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 2 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 2 0 1	0.000000000	B	.	.	.
weathe*is_wee*is_hol 2 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 3 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 3 0 1	0.000000000	B	.	.	.
weathe*is_wee*is_hol 3 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 4 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 4 0 1	0.000000000	B	.	.	.
weathe*is_wee*is_hol 4 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 7 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 7 0 1	0.000000000	B	.	.	.
weathe*is_wee*is_hol 7 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 10 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 10 1 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 26 0 0	0.000000000	B	.	.	.
weathe*is_wee*is_hol 26 0 1	0.000000000	B	.	.	.
weathe*is_wee*is_hol 26 1 0	0.000000000	B	.	.	.
season 0	-2.102624985	B	1.29022926	-1.63	0.1032
season 1	0.861659312	B	2.59768833	0.33	0.7401
season 2	-0.938425482	B	0.53296609	-1.76	0.0783
season 3	0.000000000	B	.	.	.
weather_code*season 1 0	3.014208791	B	1.31776337	2.29	0.0222
weather_code*season 1 1	0.985372375	B	2.64194267	0.37	0.7092
weather_code*season 1 2	1.444835597	B	0.54058099	2.67	0.0075
weather_code*season 1 3	0.000000000	B	.	.	.
weather_code*season 2 0	4.006664515	B	1.35779668	2.95	0.0032
weather_code*season 2 1	1.403350471	B	2.64913315	0.53	0.5963
weather_code*season 2 2	1.603220541	B	0.54620672	2.94	0.0033
weather_code*season 2 3	0.000000000	B	.	.	.
weather_code*season 3 0	2.416723933	B	1.36736744	1.77	0.0772
weather_code*season 3 1	-0.697926512	B	2.65664313	-0.26	0.7928
weather_code*season 3 2	1.305572227	B	0.54225008	2.41	0.0161
weather_code*season 3 3	0.000000000	B	.	.	.
weather_code*season 4 0	2.643173904	B	1.50354302	1.76	0.0788
weather_code*season 4 1	-0.351583667	B	2.78487834	-0.13	0.8995
weather_code*season 4 2	1.140843371	B	0.54935467	2.08	0.0378

参数	估计		标准 误差	t 值	Pr > t
weather_code*season 4 3	0.000000000	B	.	.	.
weather_code*season 7 0	0.467971487	B	1.24293434	0.38	0.7065
weather_code*season 7 1	-1.375234648	B	2.56380971	-0.54	0.5917
weather_code*season 7 2	1.492355215	B	0.54834896	2.72	0.0065
weather_code*season 7 3	0.000000000	B	.	.	.
weather_code*season 10 0	2.573577256	B	1.45485199	1.77	0.0769
weather_code*season 10 1	0.000000000	B	.	.	.
weather_code*season 10 2	1.526071883	B	1.85702646	0.82	0.4112
weather_code*season 10 3	0.000000000	B	.	.	.
weather_code*season 26 0	0.000000000	B	.	.	.
weather_code*season 26 2	0.000000000	B	.	.	.
weather_code*season 26 3	0.000000000	B	.	.	.
is_weekend*season 0 0	-0.986791013	B	1.39674508	-0.71	0.4799
is_weekend*season 0 1	-1.901246158	B	2.33717974	-0.81	0.4160
is_weekend*season 0 2	-0.528054305	B	0.90913198	-0.58	0.5614
is_weekend*season 0 3	0.000000000	B	.	.	.
is_weekend*season 1 0	0.000000000	B	.	.	.
is_weekend*season 1 1	0.000000000	B	.	.	.
is_weekend*season 1 2	0.000000000	B	.	.	.
is_weekend*season 1 3	0.000000000	B	.	.	.
weathe*is_wee*season 1 0 0	0.564001071	B	1.40071226	0.40	0.6872
weathe*is_wee*season 1 0 1	1.617639139	B	2.33941659	0.69	0.4893
weathe*is_wee*season 1 0 2	0.373300421	B	0.91545191	0.41	0.6834
weathe*is_wee*season 1 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 1 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 1 1 1	0.000000000	B	.	.	.
weathe*is_wee*season 1 1 2	0.000000000	B	.	.	.
weathe*is_wee*season 1 1 3	0.000000000	B	.	.	.
weathe*is_wee*season 2 0 0	0.824003182	B	1.40329314	0.59	0.5571
weathe*is_wee*season 2 0 1	1.497306930	B	2.34075838	0.64	0.5224
weathe*is_wee*season 2 0 2	0.247627247	B	0.91902475	0.27	0.7876
weathe*is_wee*season 2 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 2 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 2 1 1	0.000000000	B	.	.	.
weathe*is_wee*season 2 1 2	0.000000000	B	.	.	.
weathe*is_wee*season 2 1 3	0.000000000	B	.	.	.
weathe*is_wee*season 3 0 0	0.936372662	B	1.40212667	0.67	0.5043
weathe*is_wee*season 3 0 1	1.622885364	B	2.34064817	0.69	0.4881
weathe*is_wee*season 3 0 2	0.372691761	B	0.91691682	0.41	0.6844
weathe*is_wee*season 3 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 3 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 3 1 1	0.000000000	B	.	.	.
weathe*is_wee*season 3 1 2	0.000000000	B	.	.	.
weathe*is_wee*season 3 1 3	0.000000000	B	.	.	.
weathe*is_wee*season 4 0 0	0.433718097	B	1.40775564	0.31	0.7580
weathe*is_wee*season 4 0 1	1.197207291	B	2.34548050	0.51	0.6098

参数	估计		标准 误差	t 值	Pr > t
weathe*is_wee*season 4 0 2	0.169799240	B	0.92448728	0.18	0.8543
weathe*is_wee*season 4 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 4 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 4 1 1	0.000000000	B	.	.	.
weathe*is_wee*season 4 1 2	0.000000000	B	.	.	.
weathe*is_wee*season 4 1 3	0.000000000	B	.	.	.
weathe*is_wee*season 7 0 0	1.116294443	B	1.40509875	0.79	0.4269
weathe*is_wee*season 7 0 1	1.473848651	B	2.34338476	0.63	0.5294
weathe*is_wee*season 7 0 2	0.257800705	B	0.92237901	0.28	0.7799
weathe*is_wee*season 7 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 7 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 7 1 1	0.000000000	B	.	.	.
weathe*is_wee*season 7 1 2	0.000000000	B	.	.	.
weathe*is_wee*season 7 1 3	0.000000000	B	.	.	.
weathe*is_wee*season 10 0 0	0.000000000	B	.	.	.
weathe*is_wee*season 10 0 1	0.000000000	B	.	.	.
weathe*is_wee*season 10 0 2	0.000000000	B	.	.	.
weathe*is_wee*season 10 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 10 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 10 1 1	0.000000000	B	.	.	.
weathe*is_wee*season 26 0 0	0.000000000	B	.	.	.
weathe*is_wee*season 26 0 2	0.000000000	B	.	.	.
weathe*is_wee*season 26 0 3	0.000000000	B	.	.	.
weathe*is_wee*season 26 1 0	0.000000000	B	.	.	.
weathe*is_wee*season 26 1 2	0.000000000	B	.	.	.
weathe*is_wee*season 26 1 3	0.000000000	B	.	.	.
is_holiday*season 0 0	1.784923449	B	0.36766317	4.85	<.0001
is_holiday*season 0 1	1.380120637	B	0.44248824	3.12	0.0018
is_holiday*season 0 2	0.000000000	B	.	.	.
is_holiday*season 0 3	0.000000000	B	.	.	.
is_holiday*season 1 0	0.000000000	B	.	.	.
is_holiday*season 1 1	0.000000000	B	.	.	.
is_holiday*season 1 3	0.000000000	B	.	.	.
weathe*is_hol*season 1 0 0	-2.047141682	B	0.44587214	-4.59	<.0001
weathe*is_hol*season 1 0 1	-2.311710447	B	0.64817429	-3.57	0.0004
weathe*is_hol*season 1 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 1 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 1 1 0	0.000000000	B	.	.	.
weathe*is_hol*season 1 1 1	0.000000000	B	.	.	.
weathe*is_hol*season 1 1 3	0.000000000	B	.	.	.
weathe*is_hol*season 2 0 0	-3.172936696	B	0.54766061	-5.79	<.0001
weathe*is_hol*season 2 0 1	-2.607046870	B	0.67287435	-3.87	0.0001
weathe*is_hol*season 2 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 2 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 2 1 0	0.000000000	B	.	.	.
weathe*is_hol*season 2 1 1	0.000000000	B	.	.	.

参数	估计		标准 误差	t 值	Pr > t
weathe*is_hol*season 2 1 3	0.000000000	B	.	.	.
weathe*is_hol*season 3 0 0	-1.841401376	B	0.57493635	-3.20	0.0014
weathe*is_hol*season 3 0 1	-1.013684984	B	0.70304438	-1.44	0.1494
weathe*is_hol*season 3 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 3 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 3 1 0	0.000000000	B	.	.	.
weathe*is_hol*season 3 1 1	0.000000000	B	.	.	.
weathe*is_hol*season 3 1 3	0.000000000	B	.	.	.
weathe*is_hol*season 4 0 0	-2.297520874	B	0.84406657	-2.72	0.0065
weathe*is_hol*season 4 0 1	-1.471960764	B	1.08681606	-1.35	0.1756
weathe*is_hol*season 4 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 4 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 4 1 0	0.000000000	B	.	.	.
weathe*is_hol*season 4 1 1	0.000000000	B	.	.	.
weathe*is_hol*season 4 1 3	0.000000000	B	.	.	.
weathe*is_hol*season 7 0 0	0.000000000	B	.	.	.
weathe*is_hol*season 7 0 1	0.000000000	B	.	.	.
weathe*is_hol*season 7 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 7 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 7 1 0	0.000000000	B	.	.	.
weathe*is_hol*season 7 1 1	0.000000000	B	.	.	.
weathe*is_hol*season 7 1 3	0.000000000	B	.	.	.
weathe*is_hol*season 10 0 0	0.000000000	B	.	.	.
weathe*is_hol*season 10 0 1	0.000000000	B	.	.	.
weathe*is_hol*season 10 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 10 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 26 0 0	0.000000000	B	.	.	.
weathe*is_hol*season 26 0 2	0.000000000	B	.	.	.
weathe*is_hol*season 26 0 3	0.000000000	B	.	.	.
weathe*is_hol*season 26 1 0	0.000000000	B	.	.	.
is_wee*is_hol*season 0 0 0	0.000000000	B	.	.	.
is_wee*is_hol*season 0 0 1	0.000000000	B	.	.	.
is_wee*is_hol*season 0 0 2	0.000000000	B	.	.	.
is_wee*is_hol*season 0 0 3	0.000000000	B	.	.	.
is_wee*is_hol*season 0 1 0	0.000000000	B	.	.	.
is_wee*is_hol*season 0 1 1	0.000000000	B	.	.	.
is_wee*is_hol*season 0 1 3	0.000000000	B	.	.	.
is_wee*is_hol*season 1 0 0	0.000000000	B	.	.	.
is_wee*is_hol*season 1 0 1	0.000000000	B	.	.	.
is_wee*is_hol*season 1 0 2	0.000000000	B	.	.	.
is_wee*is_hol*season 1 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 0 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 0 1 0	0.000000000	B	.	.	.

参数	估计		标准 误差	t 值	Pr > t
weat*is_w*is_h*seaso 1 0 1 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 0 1 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 1 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 1 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 1 1 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 1 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 1 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 0 1 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 1 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 1 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 2 1 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 1 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 1 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 0 1 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 1 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 1 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 3 1 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 1 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 1 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 0 1 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 1 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 1 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 4 1 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 1 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 1 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 0 1 3	0.000000000	B	.	.	.

参数	估计		标准 误差	t 值	Pr > t
weat*is_w*is_h*seaso 7 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 1 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 1 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 7 1 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 10 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 10 0 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 10 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 10 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 10 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 10 1 0 1	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 0 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 0 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 0 0 3	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 0 1 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 1 0 0	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 1 0 2	0.000000000	B	.	.	.
weat*is_w*is_h*seaso 26 1 0 3	0.000000000	B	.	.	.

注意: The X'X matrix has been found to be singular, and a generalized inverse was used to solve the normal equations. Terms whose estimates are followed by the letter 'B' are not uniquely estimable.

GLMSELECT 过程

数据集	WORK.LONDON_TRANSFORMED
因变量	log_cnt
选择方法	逐步
选择准则	SBC
停止准则	SBC
效应等级执行	无

读取的观测数	17413
使用的观测数	17413

分类水平信息		
分类	水平	值
weather_code	7	1 2 3 4 7 10 26
is_weekend	2	0 1
is_holiday	2	0 1
season	4	0 1 2 3

维	
效应数	16
参数个数	282

GLMSELECT 过程

逐步选择汇总					
步	进入的效应	删除的效应	引入效应数	引入参数个数	SBC
0	Intercept		1	1	8812.3778
1	weather_code*season		2	27	6948.9634
2	weather_c*is_weekend		3	34	6902.5642
3	is_weekend*season		4	37	6895.2153
4		weather_code*season	3	20	6862.8098
5	is_weeken*is_holiday		4	21	6849.5155*
* 准则的最佳值					

选择在 SBC 准则的局部最小值处停止。

停止详细信息				
以下对象的候选	效应	候选 SBC		比较 SBC
输入	is_holiday*season	6868.3111	>	6849.5155
删除	is_weeken*is_holiday	6862.8098	>	6849.5155

GLMSELECT 过程
选定模型

选定模型是最后一步（第 5 步）处的模型。

效应:	Intercept weather_c*is_weekend is_weeken*is_holiday is_weekend*season
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方差分析				
源	自由度	平方和	均方	F 值
模型	20	3365.06252	168.25313	114.74
误差	17392	25503	1.46637	
校正合计	17412	28868		

均方根误差	1.21094
因变量均值	6.43531
R 方	0.1166
调整 R 方	0.1156
AIC	24101
AICC	24102
SBC	6849.51554

参数估计				
参数	自由度	估计	标准误差	t 值
Intercept	1	4.459860	0.233450	19.10
weather_c*is_weekend 1 0	1	1.383872	0.242681	5.70
weather_c*is_weekend 1 1	1	1.445320	0.235999	6.12
weather_c*is_weekend 2 0	1	1.955994	0.242988	8.05
weather_c*is_weekend 2 1	1	1.942732	0.237365	8.18
weather_c*is_weekend 3 0	1	1.684980	0.243103	6.93

参数估计				
参数	自由度	估计	标准 误差	t 值
weather_c*is_weekend 3 1	1	1.650820	0.236594	6.98
weather_c*is_weekend 4 0	1	0.616996	0.245124	2.52
weather_c*is_weekend 4 1	1	1.363781	0.239023	5.71
weather_c*is_weekend 7 0	1	0.993909	0.243628	4.08
weather_c*is_weekend 7 1	1	1.096416	0.238472	4.60
weather_c*is_weekend 10 0	1	1.150638	0.425729	2.70
weather_c*is_weekend 10 1	1	1.437734	0.888114	1.62
weather_c*is_weekend 26 0	1	-0.189336	0.320540	-0.59
weather_c*is_weekend 26 1	0	0	.	.
is_weeken*is_holiday 0 0	1	0.304586	0.063446	4.80
is_weeken*is_holiday 0 1	0	0	.	.
is_weeken*is_holiday 1 0	0	0	.	.
is_weekend*season 0 0	1	0.180856	0.030917	5.85
is_weekend*season 0 1	1	0.465148	0.031044	14.98
is_weekend*season 0 2	1	0.261649	0.031066	8.42
is_weekend*season 0 3	0	0	.	.
is_weekend*season 1 0	1	0.361471	0.048926	7.39
is_weekend*season 1 1	1	0.761535	0.049690	15.33
is_weekend*season 1 2	1	0.428837	0.049150	8.73
is_weekend*season 1 3	0	0	.	.

GLM 过程

读取的观测数	17413
使用的观测数	17413

GLM 过程

因变量: log_cnt

源	自由度	平方和	均方	F 值	Pr > F
模型	3	861.36853	287.12284	178.48	<.0001
误差	17409	28006.71642	1.60875		
校正合计	17412	28868.08495			

R 方	变异系数	均方根误差	log_cnt 均值
0.029838	19.70945	1.268365	6.435313

源	自由度	I 型 SS	均方	F 值	Pr > F
weather_code	1	844.7687074	844.7687074	525.11	<.0001
is_weekend	1	15.0286846	15.0286846	9.34	0.0022
weather_c*is_weekend	1	1.5711413	1.5711413	0.98	0.3230

源	自由度	III 型 SS	均方	F 值	Pr > F
weather_code	1	582.8948262	582.8948262	362.33	<.0001

源	自由度	III 型 SS	均方	F 值	Pr > F
is_weekend	1	12.2436643	12.2436643	7.61	0.0058
weather_c*is_weekend	1	1.5711413	1.5711413	0.98	0.3230

参数	估计	标准 误差	t 值	Pr > t
截距	6.716412000	0.01763838	380.78	<.0001
weather_code	-0.096492514	0.00506924	-19.03	<.0001
is_weekend	-0.089105370	0.03229924	-2.76	0.0058
weather_c*is_weekend	0.008556783	0.00865859	0.99	0.3230

SURVEYSELECT 过程

选择方法	简单随机抽样
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输入数据集	LONDON_TRANSFORMED
随机数种子	720315719
抽样率	0.7
样本大小	12190
选择概率	0.700052
抽样权重	0
输出数据集	LONDON_TRAIN

GLMSELECT 过程

数据集	WORK.LONDON_TRAIN
因变量	log_cnt
选择方法	逐步
选择准则	SBC
停止准则	SBC
效应等级执行	无

读取的观测数	12190
使用的观测数	12190

分类水平信息		
分类	水平	值
weather_code	7	1 2 3 4 7 10 26
is_weekend	2	0 1
is_holiday	2	0 1
season	4	0 1 2 3

维	
效应数	16
参数个数	276

GLMSELECT 过程

逐步选择汇总					
步	进入的效应	删除的效应	引入效应数	引入参数个数	SBC
0	Intercept		1	1	6129.3625
1	weather_code*season		2	26	4839.4467
2	weather_c*is_weekend		3	33	4811.3931
3	is_weekend*season		4	36	4805.5604
4		weather_code*season	3	20	4740.8976
5	is_weeken*is_holiday		4	21	4736.2768*
* 准则的最佳值					

选择在 SBC 准则的局部最小值处停止。

停止详细信息				
以下对象的候选	效应	候选 SBC		比较 SBC
输入	is_holiday*season	4754.5191	>	4736.2768
删除	is_weeken*is_holiday	4740.8976	>	4736.2768

GLMSELECT 过程

选定模型

选定模型是最后一步（第 5 步）处的模型。

效应:	Intercept weather_c*is_weekend is_weeken*is_holiday is_weekend*season
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方差分析				
源	自由度	平方和	均方	F 值
模型	20	2450.04684	122.50234	84.27
误差	12169	17689	1.45362	
校正合计	12189	20139		

均方根误差	1.20566
因变量均值	6.44504
R 方	0.1217
调整 R 方	0.1202
AIC	16773
AICC	16773
SBC	4736.27682

参数估计				
参数	自由度	估计	标准误差	t 值
Intercept	1	4.397697	0.246622	17.83
weather_c*is_weekend 1 0	1	1.474858	0.259208	5.69
weather_c*is_weekend 1 1	1	1.491349	0.250025	5.96
weather_c*is_weekend 2 0	1	2.030154	0.259695	7.82
weather_c*is_weekend 2 1	1	1.958408	0.251872	7.78

参数估计				
参数	自由度	估计	标准 误差	t 值
weather_c*is_weekend 3 0	1	1.812323	0.259795	6.98
weather_c*is_weekend 3 1	1	1.694288	0.250844	6.75
weather_c*is_weekend 4 0	1	0.665850	0.262533	2.54
weather_c*is_weekend 4 1	1	1.402145	0.254355	5.51
weather_c*is_weekend 7 0	1	1.067718	0.260567	4.10
weather_c*is_weekend 7 1	1	1.119073	0.253386	4.42
weather_c*is_weekend 10 0	1	1.387294	0.524633	2.64
weather_c*is_weekend 10 1	1	1.659938	1.231531	1.35
weather_c*is_weekend 26 0	1	-0.049028	0.352746	-0.14
weather_c*is_weekend 26 1	0	0	.	.
is_weeken*is_holiday 0 0	1	0.286848	0.076628	3.74
is_weeken*is_holiday 0 1	0	0	.	.
is_weeken*is_holiday 1 0	0	0	.	.
is_weekend*season 0 0	1	0.179289	0.036866	4.86
is_weekend*season 0 1	1	0.459428	0.037036	12.41
is_weekend*season 0 2	1	0.279869	0.037010	7.56
is_weekend*season 0 3	0	0	.	.
is_weekend*season 1 0	1	0.408510	0.058127	7.03
is_weekend*season 1 1	1	0.809674	0.059017	13.72
is_weekend*season 1 2	1	0.469981	0.058381	8.05
is_weekend*season 1 3	0	0	.	.