GLMSELECT 过程

数据集	WORK.LONDON_LOG_TRANSFORMED
因变量	log_cnt
选择方法	逐步
选择准则	AIC
停止准则	AIC
选择准则	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**	**AIC**	**SBC**
0	**Intercept**		1	1	26219.6129	8812.3778
1	**weat*is_w*is_h*seaso**		2	68	23989.3670*	7102.3851*
*** 准则的最佳值**						

选择停止，因为条目的所有候选效应线性依赖于模型中的效应。

GLMSELECT 过程
选定模型

基于“SBC”的选定模型是第 1 步处的模型。

效应:	Intercept weat*is_w*is_h*seaso

方差分析				
源	**自由度**	**平方和**	**均方**	**F 值**
模型	67	3665.11355	54.70319	37.65
误差	17345	25203	1.45304	
校正合计	17412	28868		

均方根误差	1.20542

因变量均值	6.43531
R 方	0.1270
调整 R 方	0.1236
AIC	23989
AICC	23990
SBC	7102.38514

参数估计

参数	自由度	估计	标准误差	t 值
Intercept	1	4.839490	0.276543	17.50
weat*is_w*is_h*seaso 1 0 0 0	1	1.452083	0.278562	5.21
weat*is_w*is_h*seaso 1 0 0 1	1	1.857343	0.278569	6.67
weat*is_w*is_h*seaso 1 0 0 2	1	1.577164	0.279353	5.65
weat*is_w*is_h*seaso 1 0 0 3	1	1.225508	0.279767	4.38
weat*is_w*is_h*seaso 1 0 1 0	1	1.388536	0.351209	3.95
weat*is_w*is_h*seaso 1 0 1 1	1	2.463167	0.532966	4.62
weat*is_w*is_h*seaso 1 0 1 3	1	0.899742	0.300523	2.99
weat*is_w*is_h*seaso 1 1 0 0	1	1.574559	0.282656	5.57
weat*is_w*is_h*seaso 1 1 0 1	1	1.840635	0.281521	6.54
weat*is_w*is_h*seaso 1 1 0 2	1	1.431603	0.282642	5.07
weat*is_w*is_h*seaso 1 1 0 3	1	0.925193	0.285026	3.25
weat*is_w*is_h*seaso 2 0 0 0	1	2.117494	0.280495	7.55
weat*is_w*is_h*seaso 2 0 0 1	1	2.398399	0.279803	8.57
weat*is_w*is_h*seaso 2 0 0 2	1	2.148623	0.279828	7.68
weat*is_w*is_h*seaso 2 0 0 3	1	1.764255	0.280080	6.30
weat*is_w*is_h*seaso 2 0 1 0	1	2.052120	0.323986	6.33
weat*is_w*is_h*seaso 2 0 1 1	1	2.171939	0.444480	4.89
weat*is_w*is_h*seaso 2 0 1 3	1	0.310868	0.456695	0.68
weat*is_w*is_h*seaso 2 1 0 0	1	1.894108	0.287108	6.60
weat*is_w*is_h*seaso 2 1 0 1	1	2.416166	0.284999	8.48
weat*is_w*is_h*seaso 2 1 0 2	1	2.042877	0.287325	7.11
weat*is_w*is_h*seaso 2 1 0 3	1	1.378082	0.291007	4.74
weat*is_w*is_h*seaso 3 0 0 0	1	1.874733	0.282233	6.64
weat*is_w*is_h*seaso 3 0 0 1	1	1.919338	0.281339	6.82
weat*is_w*is_h*seaso 3 0 0 2	1	1.879314	0.280094	6.71
weat*is_w*is_h*seaso 3 0 0 3	1	1.667530	0.280592	5.94
weat*is_w*is_h*seaso 3 0 1 0	1	1.647775	0.323986	5.09
weat*is_w*is_h*seaso 3 0 1 1	1	1.269466	0.456695	2.78
weat*is_w*is_h*seaso 3 0 1 3	1	1.384094	0.487775	2.84
weat*is_w*is_h*seaso 3 1 0 0	1	1.618637	0.285280	5.67
weat*is_w*is_h*seaso 3 1 0 1	1	1.891185	0.288185	6.56
weat*is_w*is_h*seaso 3 1 0 2	1	1.728163	0.285903	6.04
weat*is_w*is_h*seaso 3 1 0 3	1	1.361016	0.284945	4.78
weat*is_w*is_h*seaso 4 0 0 0	1	0.365791	0.290544	1.26
weat*is_w*is_h*seaso 4 0 0 1	1	0.605109	0.298152	2.03
weat*is_w*is_h*seaso 4 0 0 2	1	0.735075	0.287459	2.56
weat*is_w*is_h*seaso 4 0 0 3	1	0.890912	0.284142	3.14

参数估计				
参数	自由度	估计	标准误差	t 值
weat*is_w*is_h*seaso 4 0 1 0	1	0.849936	0.396485	2.14
weat*is_w*is_h*seaso 4 0 1 1	1	0.668497	0.748881	0.89
weat*is_w*is_h*seaso 4 0 1 3	1	0.862460	0.748881	1.15
weat*is_w*is_h*seaso 4 1 0 0	1	1.199384	0.296817	4.04
weat*is_w*is_h*seaso 4 1 0 1	1	1.589668	0.302674	5.25
weat*is_w*is_h*seaso 4 1 0 2	1	1.373851	0.295229	4.65
weat*is_w*is_h*seaso 4 1 0 3	1	1.171433	0.289014	4.05
weat*is_w*is_h*seaso 7 0 0 0	1	1.188105	0.284142	4.18
weat*is_w*is_h*seaso 7 0 0 1	1	1.347480	0.284277	4.74
weat*is_w*is_h*seaso 7 0 0 2	1	1.192008	0.283425	4.21
weat*is_w*is_h*seaso 7 0 0 3	1	0.908332	0.283284	3.21
weat*is_w*is_h*seaso 7 0 1 0	1	0.100031	0.335860	0.30
weat*is_w*is_h*seaso 7 0 1 1	1	0.664208	0.416347	1.60
weat*is_w*is_h*seaso 7 0 1 3	1	1.605181	0.409012	3.92
weat*is_w*is_h*seaso 7 1 0 0	1	0.876486	0.292310	3.00
weat*is_w*is_h*seaso 7 1 0 1	1	1.592761	0.301672	5.28
weat*is_w*is_h*seaso 7 1 0 2	1	1.280145	0.294463	4.35
weat*is_w*is_h*seaso 7 1 0 3	1	0.726216	0.287883	2.52
weat*is_w*is_h*seaso 10 0 0 0	1	1.858940	0.564490	3.29
weat*is_w*is_h*seaso 10 0 0 1	1	0.930389	0.663126	1.40
weat*is_w*is_h*seaso 10 0 0 2	1	0.649448	1.236736	0.53
weat*is_w*is_h*seaso 10 0 0 3	1	0.589856	1.236736	0.48
weat*is_w*is_h*seaso 10 1 0 0	1	1.626655	1.236736	1.32
weat*is_w*is_h*seaso 10 1 0 1	1	1.612559	1.236736	1.30
weat*is_w*is_h*seaso 26 0 0 0	1	-1.228112	0.663126	-1.85
weat*is_w*is_h*seaso 26 0 0 2	1	-1.390099	0.748881	-1.86
weat*is_w*is_h*seaso 26 0 0 3	1	0.076381	0.366875	0.21
weat*is_w*is_h*seaso 26 0 1 0	1	-0.166661	1.236736	-0.13
weat*is_w*is_h*seaso 26 1 0 0	1	-0.317702	1.236736	-0.26
weat*is_w*is_h*seaso 26 1 0 2	1	-0.938425	0.532966	-1.76
weat*is_w*is_h*seaso 26 1 0 3	0	0	.	.

SURVEYSELECT 过程

选择方法	简单随机抽样

输入数据集	LONDON_LOG_TRANSFORMED
随机数种子	12345
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	AIC
停止准则	AIC
选择准则	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	AIC	SBC
0	Intercept		1	1	26219.6129	8812.3778
1	weat*is_w*is_h*seaso		2	68	23989.3670*	7102.3851*
* 准则的最佳值						

选择停止，因为条目的所有候选效应线性依赖于模型中的效应。

GLMSELECT 过程
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基于“SBC”的选定模型是第 1 步处的模型。

效应:	Intercept weat*is_w*is_h*seaso

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模型	67	3665.11355	54.70319	37.65
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均方根误差	1.20542
因变量均值	6.43531
R 方	0.1270
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AIC	23989
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weat*is_w*is_h*seaso 1 0 0 2	1	1.577164	0.279353	5.65
weat*is_w*is_h*seaso 1 0 0 3	1	1.225508	0.279767	4.38
weat*is_w*is_h*seaso 1 0 1 0	1	1.388536	0.351209	3.95
weat*is_w*is_h*seaso 1 0 1 1	1	2.463167	0.532966	4.62
weat*is_w*is_h*seaso 1 0 1 3	1	0.899742	0.300523	2.99
weat*is_w*is_h*seaso 1 1 0 0	1	1.574559	0.282656	5.57
weat*is_w*is_h*seaso 1 1 0 1	1	1.840635	0.281521	6.54
weat*is_w*is_h*seaso 1 1 0 2	1	1.431603	0.282642	5.07
weat*is_w*is_h*seaso 1 1 0 3	1	0.925193	0.285026	3.25
weat*is_w*is_h*seaso 2 0 0 0	1	2.117494	0.280495	7.55
weat*is_w*is_h*seaso 2 0 0 1	1	2.398399	0.279803	8.57
weat*is_w*is_h*seaso 2 0 0 2	1	2.148623	0.279828	7.68
weat*is_w*is_h*seaso 2 0 0 3	1	1.764255	0.280080	6.30
weat*is_w*is_h*seaso 2 0 1 0	1	2.052120	0.323986	6.33
weat*is_w*is_h*seaso 2 0 1 1	1	2.171939	0.444480	4.89
weat*is_w*is_h*seaso 2 0 1 3	1	0.310868	0.456695	0.68
weat*is_w*is_h*seaso 2 1 0 0	1	1.894108	0.287108	6.60
weat*is_w*is_h*seaso 2 1 0 1	1	2.416166	0.284999	8.48
weat*is_w*is_h*seaso 2 1 0 2	1	2.042877	0.287325	7.11
weat*is_w*is_h*seaso 2 1 0 3	1	1.378082	0.291007	4.74
weat*is_w*is_h*seaso 3 0 0 0	1	1.874733	0.282233	6.64
weat*is_w*is_h*seaso 3 0 0 1	1	1.919338	0.281339	6.82
weat*is_w*is_h*seaso 3 0 0 2	1	1.879314	0.280094	6.71
weat*is_w*is_h*seaso 3 0 0 3	1	1.667530	0.280592	5.94
weat*is_w*is_h*seaso 3 0 1 0	1	1.647775	0.323986	5.09
weat*is_w*is_h*seaso 3 0 1 1	1	1.269466	0.456695	2.78
weat*is_w*is_h*seaso 3 0 1 3	1	1.384094	0.487775	2.84
weat*is_w*is_h*seaso 3 1 0 0	1	1.618637	0.285280	5.67
weat*is_w*is_h*seaso 3 1 0 1	1	1.891185	0.288185	6.56
weat*is_w*is_h*seaso 3 1 0 2	1	1.728163	0.285903	6.04
weat*is_w*is_h*seaso 3 1 0 3	1	1.361016	0.284945	4.78
weat*is_w*is_h*seaso 4 0 0 0	1	0.365791	0.290544	1.26
weat*is_w*is_h*seaso 4 0 0 1	1	0.605109	0.298152	2.03
weat*is_w*is_h*seaso 4 0 0 2	1	0.735075	0.287459	2.56

参数估计				
参数	自由度	估计	标准误差	t 值
weat*is_w*is_h*seaso 4 0 0 3	1	0.890912	0.284142	3.14
weat*is_w*is_h*seaso 4 0 1 0	1	0.849936	0.396485	2.14
weat*is_w*is_h*seaso 4 0 1 1	1	0.668497	0.748881	0.89
weat*is_w*is_h*seaso 4 0 1 3	1	0.862460	0.748881	1.15
weat*is_w*is_h*seaso 4 1 0 0	1	1.199384	0.296817	4.04
weat*is_w*is_h*seaso 4 1 0 1	1	1.589668	0.302674	5.25
weat*is_w*is_h*seaso 4 1 0 2	1	1.373851	0.295229	4.65
weat*is_w*is_h*seaso 4 1 0 3	1	1.171433	0.289014	4.05
weat*is_w*is_h*seaso 7 0 0 0	1	1.188105	0.284142	4.18
weat*is_w*is_h*seaso 7 0 0 1	1	1.347480	0.284277	4.74
weat*is_w*is_h*seaso 7 0 0 2	1	1.192008	0.283425	4.21
weat*is_w*is_h*seaso 7 0 0 3	1	0.908332	0.283284	3.21
weat*is_w*is_h*seaso 7 0 1 0	1	0.100031	0.335860	0.30
weat*is_w*is_h*seaso 7 0 1 1	1	0.664208	0.416347	1.60
weat*is_w*is_h*seaso 7 0 1 3	1	1.605181	0.409012	3.92
weat*is_w*is_h*seaso 7 1 0 0	1	0.876486	0.292310	3.00
weat*is_w*is_h*seaso 7 1 0 1	1	1.592761	0.301672	5.28
weat*is_w*is_h*seaso 7 1 0 2	1	1.280145	0.294463	4.35
weat*is_w*is_h*seaso 7 1 0 3	1	0.726216	0.287883	2.52
weat*is_w*is_h*seaso 10 0 0 0	1	1.858940	0.564490	3.29
weat*is_w*is_h*seaso 10 0 0 1	1	0.930389	0.663126	1.40
weat*is_w*is_h*seaso 10 0 0 2	1	0.649448	1.236736	0.53
weat*is_w*is_h*seaso 10 0 0 3	1	0.589856	1.236736	0.48
weat*is_w*is_h*seaso 10 1 0 0	1	1.626655	1.236736	1.32
weat*is_w*is_h*seaso 10 1 0 1	1	1.612559	1.236736	1.30
weat*is_w*is_h*seaso 26 0 0 0	1	-1.228112	0.663126	-1.85
weat*is_w*is_h*seaso 26 0 0 2	1	-1.390099	0.748881	-1.86
weat*is_w*is_h*seaso 26 0 0 3	1	0.076381	0.366875	0.21
weat*is_w*is_h*seaso 26 0 1 0	1	-0.166661	1.236736	-0.13
weat*is_w*is_h*seaso 26 1 0 0	1	-0.317702	1.236736	-0.26
weat*is_w*is_h*seaso 26 1 0 2	1	-0.938425	0.532966	-1.76
weat*is_w*is_h*seaso 26 1 0 3	0	0	.	.