

The GENMOD Procedure

Model Information	
Data Set	DAT2.XEROP
Distribution	Binomial
Link Function	Logit
Dependent Variable	resplnf

Number of Observations Read	1200
Number of Observations Used	1200
Number of Events	107
Number of Trials	1200

Response Profile		
Ordered Value	resplnf	Total Frequency
1	1	107
2	0	1093

PROC GENMOD is modeling the probability that resplnf='1'. One way to change this to model the probability that resplnf='0' is to specify the DESCENDING option in the PROC statement.

Parameter Information		
Parameter	Effect	time
Prm1	Intercept	
Prm2	age	
Prm3	xerop	
Prm4	time	Autumn
Prm5	time	Summer
Prm6	time	Winter
Prm7	time	Spring

Algorithm converged.

GEE Model Information	
Correlation Structure	AR(1)
Subject Effect	ID (275 levels)
Number of Clusters	275
Correlation Matrix Dimension	6
Maximum Cluster Size	6
Minimum Cluster Size	1

Algorithm converged.

GEE Fit Criteria	
QIC	689.9639
QICu	690.2536

Analysis Of GEE Parameter Estimates							
Empirical Standard Error Estimates							
Parameter		Estimate	Standard Error	95% Confidence Limits		Z	Pr > Z
Intercept		-3.2984	0.3835	-4.0500	-2.5467	-8.60	<.0001
age		-0.0250	0.0053	-0.0353	-0.0147	-4.75	<.0001
xerop		0.7619	0.4332	-0.0873	1.6110	1.76	0.0787
time	Autumn	0.6925	0.4375	-0.1651	1.5500	1.58	0.1135
time	Summer	1.3791	0.4057	0.5840	2.1741	3.40	0.0007
time	Winter	0.6653	0.4857	-0.2867	1.6174	1.37	0.1708
time	Spring	0.0000	0.0000	0.0000	0.0000	.	.