

DHelpSeekParent=impaired**The GLIMMIX Procedure**

Model Information	
Data Set	WORK.FINALANALYSISFILE
Response Variable	DHelpSeekParent
Response Distribution	Binomial
Link Function	Logit
Variance Function	Default
Variance Matrix Blocked By	school
Estimation Technique	Residual PL
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
school	6	Carle PI DeerPark Hastings Sayville Smith T2 Stepinac
impaired	2	S.Prob. No sub.

Number of Observations Read	2189
Number of Observations Used	2140

Dimensions	
G-side Cov. Parameters	1
Columns in X	3
Columns in Z per Subject	1
Subjects (Blocks in V)	6
Max Obs per Subject	554

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Starting From	Data

Iteration History				

Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient
0	0	4	9355.0982708	0.21819735	0.02315
1	0	2	9221.1663831	0.00467703	0.000029
2	0	1	9223.3503506	0.00022768	6.286E-6
3	0	1	9223.3536001	0.00000100	0.000057
4	0	1	9223.3536111	0.00000196	0.000111
5	0	1	9223.3535895	0.00000386	0.000219
6	0	1	9223.3536319	0.00000759	0.000431
7	0	1	9223.3535485	0.00001492	0.000848
8	0	1	9223.3537124	0.00000988	2.191E-7
9	0	0	9223.3536039	0.00000000	1.029E-6

Convergence criterion (PCONV=1.11022E-8) satisfied.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	9223.35
Generalized Chi-Square	2135.25
Gener. Chi-Square / DF	1.00

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	school	0.02884	0.02594

Solutions for Fixed Effects						
Effect	Impairment dichot.	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept		-0.5814	0.08490	5	-6.85	0.0010
impaired	S.Prob.	0.3030	0.1727	2133	1.75	0.0794
impaired	No sub.	0	.	.	.	.

Odds Ratio Estimates					
Impairment dichot.	Impairment dichot.	Estimate	DF	95% Confidence Limits	
S.Prob.	No sub.	1.354	2133	0.965	1.899

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F

impaired	1	2133	3.08	0.0794
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DHelpSeekParent=impaired sex impaired*sex

The GLIMMIX Procedure

Model Information	
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Response Variable	DHelpSeekParent
Response Distribution	Binomial
Link Function	Logit
Variance Function	Default
Variance Matrix Blocked By	school
Estimation Technique	Residual PL
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
school	6	Carle PI DeerPark Hastings Sayville Smith T2 Stepinac
sex	2	Female Male
impaired	2	S.Prob. No sub.

Number of Observations Read	2189
Number of Observations Used	2140

Dimensions	
G-side Cov. Parameters	1
Columns in X	9
Columns in Z per Subject	1
Subjects (Blocks in V)	6
Max Obs per Subject	554

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Starting From	Data

Iteration History						
Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient	
0	0	3	9389.8616576	0.18480183	0.002003	
1	0	2	9258.1467021	0.00596343	6.634E-6	
2	0	1	9260.8848428	0.00025604	8.556E-6	
3	0	1	9260.8895205	0.00000141	0.000084	
4	0	1	9260.889536	0.00000292	0.000173	
5	0	1	9260.8895041	0.00000604	0.000356	
6	0	1	9260.8895701	0.00001247	0.000736	
7	0	1	9260.8894337	0.00000836	2.068E-6	
8	0	0	9260.8895252	0.00000000	3.186E-6	

Convergence criterion (PCONV=1.11022E-8) satisfied.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	9260.89
Generalized Chi-Square	2134.16
Gener. Chi-Square / DF	1.00

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	school	0.02852	0.02552

Solutions for Fixed Effects							
Effect	sex	Impairment dichot.	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept			-0.3698	0.09273	5	-3.99	0.0104
impaired		S.Prob.	0.1391	0.2303	2131	0.60	0.5460
impaired		No sub.	0	.	.	.	.
sex	Female		-0.5442	0.1013	2131	-5.37	<.0001
sex	Male		0	.	.	.	.
sex*impaired	Female	S.Prob.	0.4484	0.3459	2131	1.30	0.1950
sex*impaired	Female	No sub.	0	.	.	.	.
sex*impaired	Male	S.Prob.	0	.	.	.	.
sex*impaired	Male	No sub.	0	.	.	.	.

Odds Ratio Estimates							
sex	Impairment dichot.	sex	Impairment dichot.	Estimate	DF	95% Confidence Limits	
	S.Prob.		No sub.	1.438	2131	1.022	2.024
Female		Male		0.726	2131	0.514	1.026

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
impaired	1	2131	4.35	0.0372
sex	1	2131	3.29	0.0700
sex*impaired	1	2131	1.68	0.1950