

The GLIMMIX Procedure

Model Information	
Data Set	MYDATA.SCHOOL
Response Variable	Reading3
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Diagonal
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Residual

Class Level Information		
Class	Levels	Values
School	3	Cottonwood Maple Pine
Gender	2	F M
Teacher	8	Miss Apple Miss Jones Miss Peters Mr. Johnson Mr. Rogers Mrs. King Mrs. Scott Ms. Chapman

Number of Observations Read	190
Number of Observations Used	134

Dimensions	
Covariance Parameters	1
Columns in X	20
Columns in Z	0
Subjects (Blocks in V)	1
Max Obs per Subject	134

Optimization Information	
Optimization Technique	None
Parameters	12
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Not Profiled

Fit Statistics	
-2 Res Log Likelihood	1271.84
AIC (smaller is better)	1295.84
AICC (smaller is better)	1298.68
BIC (smaller is better)	1329.59
CAIC (smaller is better)	1341.59

Fit Statistics	
HQIC (smaller is better)	1309.55
Pearson Chi-Square	176758.4
Pearson Chi-Square / DF	1437.06

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
School	2	123	5.20	0.0068
Gender	1	123	0.20	0.6564
School*Gender	2	123	4.36	0.0148
Teacher(School)	5	123	1.65	0.1518

Check Residual Variance

Obs	ResidualVariance
1	1437.06