

The GLIMMIX Procedure

Model Information	
Data Set	WORK.LINEAR_REG
Response Variable	absorb
Response Distribution	Gaussian
Link Function	Identity
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Restricted Maximum Likelihood
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
block	3	1 2 3

Number of Observations Read	18
Number of Observations Used	18

Dimensions	
G-side Cov. Parameters	1
R-side Cov. Parameters	1
Columns in X	2
Columns in Z	3
Subjects (Blocks in V)	1
Max Obs per Subject	18

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

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	-57.46358961	.	6.66E-16

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Convergence criterion (ABSGCONV=0.00001) satisfied.

Fit Statistics	
-2 Res Log Likelihood	-57.46
AIC (smaller is better)	-53.46
AICC (smaller is better)	-52.54
BIC (smaller is better)	-55.27
CAIC (smaller is better)	-53.27
HQIC (smaller is better)	-57.09
Generalized Chi-Square	0.01
Gener. Chi-Square / DF	0.00

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
block	0.000431	0.000505
Residual	0.000438	0.000165

Solutions for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr > t
Intercept	0.004686	0.01377	2	0.34	0.7661
glucose	0.000726	0.000018	14	40.44	<.0001

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
glucose	1	14	1635.24	<.0001

Solution for Random Effects						
Effect	block	Estimate	Std Err Pred	DF	t Value	Pr > t
block	1	0.01853	0.01361	14	1.36	0.1949
block	2	0.001283	0.01361	14	0.09	0.9263
block	3	-0.01982	0.01361	14	-1.46	0.1676

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Tests of Covariance Parameters Based on the Restricted Likelihood					
Label	DF	-2 Res Log Like	ChiSq	Pr > ChiSq	Note
block=0	1	-52.4763	4.99	0.0128	MI

MI: P-value based on a mixture of chi-squares.